हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय
Central University of Himachal Pradesh

स्व–अध्ययन रिपोर्ट
SELF-STUDY REPORT

हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय
धर्मशाला, जिला काँगड़ा, हिमाचल प्रदेश

Central University of Himachal Pradesh
Dharamshala, District Kangra, Himachal Pradesh

स्व–अध्ययन रिपोर्ट
SELF-STUDY REPORT

खंड I
Volume I

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद (नैक), बैंगलोर
को जमा कराई गई

Submitted to
National Assessment and Accreditation Council (NAAC), Bangalore

हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय
धर्मशाला, जिला काँगड़ा, हिमाचल प्रदेश

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I N D E X

Profile of the University

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1. Name and Address of the University:

Name:	Central University of Himachal Pradesh	
Address:	Post Box No. 21, Dharamshala, District Kangra	
City: Dharamshala	Pin:176215	**State:** Himachal Pradesh
Website: www.cuhimachal.ac.in		

2. For communication

Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	Prof. (Dr.) Kuldip Chand Agnihotri	01892-229330	94181-77778	229331	vc.cuhimachal@gmail.com; vc@cuhimachal.ac.in
Pro Vice-Chancellor	Prof. (Dr.) Yoginder Singh Verma	01892-237286	94180-31346	237286	ysverma@gmail.com ysverma@cuhimachal.ac.in
Registrar	Brig. Jagdish Chand Rangra (Retd.)	01892-229574	88943-48574		registrar.cuhimachal@gmail.com
Steering Committee/ IQAC Co-ordinator	Prof. (Dr.) H. R. Sharma	01892-237288	98160-92861		hansrajsharma1955@gmail.com

3. Status of the University

4. Type of University: Unitary

5. Source of funding:

Central Government	✓
State Government	
Self-financing	

Any other (please specify)

6.   a.   Date of establishment of the University: 20.01.2010

b.   Prior to the establishment of the University, was it a/an

i. PG Centre	Yes ☐	No ✓
ii. Affiliated College	Yes ☐	No ✓
iii. Constituent College	Yes ☐	No ✓
iv. Autonomous College	Yes ☐	No ✓

v. Any other (please specify) **Established under Central University Act 2009**

If yes, give the date of establishment: 20-01-2010

7. Date of recognition as a University by UGC or any other national agency:

Under Section	DD	MM	YY	Remarks
i. 2f of UGC				
ii. 12 B of UGC				
iii. 3 of UGC#				
iv. Any other (specify)				

* Enclose certificate of recognition.
\# Enclose notification o f MHRD and UGC for all courses / programmes / campus/ campuses.
1 Enclose certificate of recognition by any other national agency/agencies,   if any.

1. Has the university b e e n recognized?
a. By UGC as a University with Potential for Excellence?
     Yes ☐   No ☐
If yes, date of recognition: (dd/mm/yyyy)

b. For its performance by any other governmental agency?
     Yes ☐   No ☑
If yes, Name of the agency and date of recognition: (dd/mm/yyyy)

9. Does the university have off-campus centres?

     Yes ☐   No ☑
If yes, date of establishment: (dd/mm/yyyy)
date of recognition   : (dd/mm/yyyy)

10. Does the university have off-shore campuses?

     Yes ☐   No ☑
If yes, date of establishment: (dd/mm/ yyyy)

date of recognition   :   (dd/rnrn/yyyy)

11.   Location of the Campus and Area:

Permanent Campus(es): The University will have campus(es) as and when land free from all encumbrances   is made available by the State Government.

Temporary Campus(es):
Camp Office: The Camp Office of the University   is presently   located in the Sanskriti Sadan (Writer's Home) at Dharamshala (Near International   Cricket Stadium)

Temporary Academic Block (TAB): The Temporary Academic Block of the University is located in a newly constructed Govt. Degree College building at Shahpur, District Kangra given to it by the State Government.

	Location	Campus area in acres	Built up area in sq. mts.
i. Main campus area			
ii. Other campuses in the Country			

(Urban, Semi-Urban, Rural, Tribal, Hilly Area, Any other (please specify)

If the University has more than one campus, it may submit a consolidated self-study report reflecting the activities of all the campuses.

12. Provide information on the following: In case of multi-campus University, please provide campus-wise information.

☐ Auditorium/ Seminar complex with infrastructural facilities: Available
☐ Sports facilities
- Playground: 3 (1 on sharing basis)
- Swimming pool:- No
- Gymnasium:- No
- Any other (please specify): Indoor sports Facilities
  Hostel
☐ **Boys' hostel**
i. Number of hostels: 1
ii. Number of inmates: 80
iii. Facilities: LAN connectivity, WIFI facility,   Gymnasium, indoor sports Room, Play Ground, Safe Drinking Water, Dining Hall, Recreational facility

iv. Girls Hostel
    i. Number of hostels: 1
    ii. Number of inmates: 54
    iii. Facilities: LAN connectivity, WIFI facility, Safe Drinking Water, Dining Hall , Recreational facility.
- **Working Women's hostel:** No
  i Number of hostels
  ii Number of inmate
  iii Facilities

☐ Residential facilities for faculty and non-teaching: No
☐ Cafeteria: 2
☐ Health centre – Nature of facilities available – inpatient, outpatient, ambulance, emergency Care facility, etc.: Medical Officer Available
☐ Facility like banking, post office, book shops, etc.: Available in the nearby market
☐ Transport facilities to cater to the needs of the students and staff: Hired University Buses are available for the students
☐ Facilities for persons with disabilities: Building given by the government
☐ Animal house: NO
☐ Incinerator for laboratories:
☐ Power house: YES
☐ Waste management facilities

13. Number of institutions affiliated to the University: NA

Type of colleges	Total	Permanent	Temporary
Arts, Science and Commerce			
Law			
Medicine			
Engineering			
Education			
Management			
Others (Specify and provide details)			

14. Does the University Act provide for conferment of autonomy (as recognized by the UGC) to its affiliated institutions? If yes, give the number autonomous colleges under the jurisdiction of the University. NOT APPLICABLE

Yes ☐   No ☐   Number ☐

15. Furnish the following information:

Particulars	Number	Number of students
a. University Departments Undergraduate (B. Voc.) Post graduate Research centers on the campus	UG-1 PG-19 Centre:2 RD-18 Certificate: 2	28 864 (including RD scholars)
b. Constituent colleges		
c. Affiliated colleges		
d. Colleges under 2 (t)		
e. Colleges under 2(t) and 121		
f. NAAC accredited colleges		
g. Colleges with Potential for Excellence I UGC-)		
h. Autonomous colleges		
i. Colleges with post graduate Departments		
j. Colleges with Research Departments		
k. University recognized Research Institutes/Centers		

16. Does the University conform to the specification of Degrees as enlisted by the UGC?

Yes ☑   No ☐

If the University uses any other nomenclatures, please specify.

17. Academic Programmes offered by the University departments at research, under the following categories: (Enclosed the list of academic programme offered)

Programme	Number
UG	04 (B. Voc.-2)
PG	16
Integrated Master (Integrated Dual Degree Programme)	01
M. Phil/PhD	18
Certificate	02
Diploma	17
PG Diploma	

Any other (Please Specify)	Students have the option to exit after successful completion of two semesters and opt for Advanced Diploma
Total	

18. Number of working days during the last academic year.

68

19. Number of teaching days during the past four academic years.

		55	

Note: Teaching days' means days on which classes were engaged. Examination days are not to be included

20. Does the University have a department of Teacher Education?

Yes [✓]   No [ ]

If yes,

a. Year of establishment 16-03-2012
b. NCTE recognition details (if applicable) Notification No.:……………………………
Date:……………………………(dd/mm/yyy)

c. Is the department opting for assessment and accreditation separately?
Yes [ ]   No [✓]

21. Does the University have a teaching department of physical Education?
Yes [ ]   No [✓]

If Yes,
a. Year of establishment……………………………………dd/mm/yyy
b. NCTE recognition details (if applicable) Notification
No.:…………………………………………………………………………..
Date:…………………………………………………..dd/mm/yyy)

Is the department opting for assessment and accreditation separately?
Yes [ ]   No [ ]

22. In the case of private and Deemed Universities, please indicate whether professional programmes are being offered? NOT APPLICABLE

Yes [ ]   No [✓]
If yes, please enclose approval/recognition details issued by the statutory body governing the programme.

23. Has the University been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon.

NOT APPLICABLE

24. Number of positions in the University

Positions	Teaching Faculty			Non Teaching Staff	Technical Staff
	Professor	Associate Professor	Assistant Professor		
Sanctioned by the UGC/ University	27	53	108	118	03
Recruited	05	11	51	21	02
Yet to recruit	22	42	57	97	01
Number of persons working on contract basis	NIL	NIL	NIL	Outsourced =74	NIL
UGC Faculty Recharge Programme = 02 Assistant Professors **DST Inspired Programme** = 01 Assistant Professor					

25. Qualifications of the Teaching Staff.

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt.	0	0	0	0	0	0	0
Ph.D.	05	0	11	0	28	07	35
M. Phil	0	0	0	0	04	02	06
PG	0	0	0	0	08	02	10
Temporary Teachers							
Ph.D.	0	0	0	0	02	0	02
M. Phil.	0	0	0	0	0	0	0
PG	0	0	0	0	02	0	02
Part-Time Teachers							
Ph.D.							
M. Phil.							
PG							

26. Emeritus, Adjunct and Visiting Professors.

	Emeritus	Adjunct	Visiting
Number	NIL	02	NIL

27. Chairs instituted by the university:

School/Department	Chairs
School of Social Sciences	Tribal Study
School of Journalism, Mass Communication and New Media	Dr. B. R. Ambedkar Study

28. Students enrolled in the university department during the current academic year, with the following details:

Students	UG	PG	Inter grated Masters	M. Phil.	Ph. D	Inter Grat ed Ph.D .	D. Litt,/ D.Sc.	Certifi cate	Diplo ma	PG Diplo ma
	M*F*	M* F*	M* F*	*M*F	M*F*	M*F *	M*F *	M*F*	M*F*	M*F*
From the state where the University is located India	13 10	318 308	7 15		40 51					
From other states of India	03 02	56 30	1 3		49 12					
NRI Students										
Foreign Students										
Foreign Student										
Total										

M*- Male   F*-Female

29. "Unit cost" of education

(Unit cost= total recurring expenditure (actual) divided by total number of students enrolled)

Sr. No.	Session	Per Student Exp. With Salary (Rs.)	Per Student Exp. Without Salary (Rs.)
1	2010-11	143161	81620
2	2011-12	57568	29862
3	2012-13	121260	52316
4	2013-14	157242	60185
5	2014-15	167157	60104
6	2015-16	155310	58165

30. Academic Staff College   Not Applicable

 Year of establishment
 Number of programmes conducted (with duration)
- UGC Orientation
- UGC Refresher
- University's own programmes

31. Does the university offer Distance Programmes (DEP)?

Yes ☐   No ☑

If yes, indicate the number of programmes offered.

Are they recognized by the Distance Education Council?

32. Does the university have a provision for external registration of students?

Yes ☐   No ☑

If yes how many students avail of this provision annually?

33. Is the university applying for Accreditation or Re-Assessment? If Accreditation, name the cycle.

Accreditation: Cycle ☑   Cycle 2 ☐   Cycle 3 ☐   Cycle 4 ☐

Re-Assessment: ☐

34. Date of accreditation * (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assement Only)

Cycle 1 :.....................................(dd/mm/yyyy),   Accreditaion outcome/Result...........................
Cycle 2 :.....................................(dd/mm/yyyy),   Accreditaion outcome/Result...........................
 Cycle 3 :.....................................(dd/mm/yyyy),   Accreditaion outcome/Result...........................
Cycle 4 :.....................................(dd/mm/yyyy),   Accreditaion outcome/Result...........................
*Kindly enclose copy of accreditation certificate(s) and peer team report (s)

35. Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated /Constituent/ autonomous colleges under the university.   Not Applicable

36. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of Submission of Annual Quality Assurance Reports (AQAR).

IQAC   29-08-2014

AQAR   (I) ....(dd/mm/yyyy)
              (ii)..................................(dd/mm/yyyy)
              (iiI) ....(dd/mm/yyyy)
              (IV) ....(dd/mm/yyyy)
37. Any other relevant data, the university would like to include (not exceeding one page). ☐
 The University has been awarded Deen Dayal Upadhaya Kaushal Kender

EXECUTIVE SUMMARY

The Central University of Himachal Pradesh was established under the Central Universities Act, 2009 and became functional on January 20, 2010 with the joining of its first Vice Chancellor Professor Furqan Qamar. It is funded and regulated by the University Grants Commission, and has an ambitious vision document prepared in consultation with eminent experts in the field of higher education. The Vision Document of the University, as approved by the statutory authorities, is available on the University web site (www.cuhimachal.ac.in). It envisages that the University will grow to have a purpose built state of the art campus having 17 Schools of Studies with nearly 90 departments and 50 centres, 1000 faculty members and 10,000 students on its roll in due course of time. The University strives to promote 'Inclusive Access and Excellence in Higher Education' and quality research to emerge as one of the premier institutions in the country.

The Camp Office which serves as headquarter of the University is located at Dharamshala. The academic programmes of the University are run in Temporary Academic Block in a newly constructed three-storied college building at Shahpur, District Kangra.

1. CURRICULAR ASPECTS

Out of the proposed 17 and approved 14 Schools, 11 have been made functional. At present, 19 Departments and 2 Centres (one each in School of Business & Management Studies and School of Life Sciences) are in operation. The University offers 17 PG Programmes, 18 PhD Programmes, 4 UG Programmes and 2 Certificate Courses. The PG programmes are: M.Sc. (Computational Biology & Bioinformatics), M.Sc. (IT), M. A. (Economics), M. A. (English Language & Literature), M. Sc. (Environmental Sciences), M. A. (Hindi), M.A. (Journalism & Creative Writing), M.Lib Sc. (Library Science), MBA (Master of Buisness Administration), M.Sc. (Mathematics), M. A. (Mass Communication & Electronic Media), M.Sc. (Physics), Master of Social Work (Social Work), M.A. (Education), MBA (Specialisation in Tourism & Travel), M.A. (Sanskrit) and M.A. (Sociology). From the academic session 2015-16, 4 new Programmes of Study and 2 Certificate Courses. These are B.Sc. Physics (Honours), B.A. in Sanskrit (Honours), B. Voc. in Mass Communication and B. Voc. in Financial and Marketing Services, Certificate Course in Gojari Language and Certificate Course in Gujjar History & Culture. For the completion of a Master's Programme, a student has to complete 80 credits while for completing M.Phil and Ph.D, s/he is required to complete 60 and 120 credits respectively.

A credit is defined as 10 hours class room teaching, 5 hours teacher led activities and 15 hours of student's effort. The course curriculum in each discipline has been planned keeping in view learning outcomes, global competencies and core values enshrined for higher learning. The University since its inception is following Choice Based Credit System (CBCS) curriculum which enables students to gain insights towards global challenges, attain sense of working towards inter-disciplinary thinking, build scientific temper, attain professional advancement and life skills, and impart research orientation with a blend of co-curricular activities. The University ensures to create a support system for faculty and students in foundational and contemporary disciplines with a focus on personality development; industry oriented curriculum blended with spirit of strong ethical values and inter-disciplinary content

along with student-centric teaching and learning pedagogy with special emphasis on shift from transactional mode to transformational mode of teaching and use of ICT in improving teaching learning process. It is further enriched through application of software training, research methodology workshops, industrial training, field work, laboratory practicals, field visits, soft skill development, personality development and lectures by eminent people.

The courses as well as curricula are designed by the teacher concerned keeping in view the guidelines and model UGC curriculum and also the curriculum being followed in the best universities across the world. These are thoroughly reviewed at regular intervals at the department level taking into consideration the employability, industrial needs, advancement in technology and advancement of learning levels both nationally and internationally. The course curriculum is placed before the Board of Studies and the School Board and is revised in view of the feedback received from students as well as the experts in the field. It is then put before the Academic Council and the Executive Council for approval. Prior to the commencement of the academic session 2015-16, the University has been following Choice Based Credit System whereby a student was required to offer 30 per cent of the courses from other departments. However, from the academic session i.e. 2015-16, the University has been strictly following the latest CBCS as per UGC guidelines for designing and developing the curriculum with emphasis on interdisciplinary, value-based and skill-based courses allowing complete academic flexibility.

The faculty of different departments in the University remain in constant touch with both national and international faculty by inviting them for various workshops, conferences, seminars, invited lectures, and also by attending various workshops, seminars, conferences both at national and international levels. The inputs thus gotten are taken into account while revising the course curriculum. The employability of students is always kept in mind while designing and revising the course curriculum.

The courses are offered in a way that allows students core as well as elective options, and are in modular form to allow them credit accumulation/ transfer. The University is in the process of creating courses under Massive Open Online Courses (MOOCS) which will be shortly available on-line for students. While three courses have already been created under the MOODLE platform, many more are being planned in days to come. The University has been following a system of formal feedback since its inception. At the end of each semester, students are given feedback forms wherein their inputs regarding curriculum and other aspects of teaching are sought. Thereafter, the feedback is consolidated to carry out necessary modifications in the curriculum in line with requirements of changing dynamics of industry and society at large. The feedback so received from students is given to each faculty member for further improving her/his teaching.

2. TEACHING-LEARNING AND EVALUATION

The university follows a transparent admission process. The admission to all PG programmes is done through an all India entrance test. The prospectus containing full details of admission process such as the eligibility conditions, important dates, tuition and other fee, availability of basic infrastructural facilities, hostels, and academic schedule is uploaded on the University website. The entrance test is widely publicized in national dailies. The applications are invited online and through off-line mode. A student can choose for two programmes of study on an application form. The entrance test is conducted

simultaneously at different centres spread across the length and breadth of the country. The admissions are made on the basis of composite score which has a weightage for entrance test and academic scores in different examinations. The merit lists and waiting lists are uploaded on the University website. The students deposit fee through online mode. In a similar vein, the admission to UG Programmes of Study is made on the basis of merit in 10+2 or equivalent examination. The admission to RD programmes is also made on the basis of composite score wherein weightage is given to JRF/NET, academic score and personal interview for which the candidate is required to submit a research proposal of his/her choice in approximately 1500 words.

The university strictly follows the reservation policy while admitting students at different levels to ensure adequate representation to various social groups like SC, ST and OBC. The admission process is reviewed in meetings of Deans and Heads every year and necessary changes are made based on learning from the past experiences. The students belonging to the economically weaker sections are given full freeships, half-freeships and other fellowships approved by UGC. The SC and ST students also get financial support from their respective state governments and also through National Level scholarship schemes. It is worth mentioning that the girl students constitute nearly 50 per cent of the total students' strength.

The university organizes a two/three-day orientation / induction programme for freshers immediately after the completion of the admission process. On the very first day, they are informed about the University, its vision and mission, the Anti-Ragging norms, the Choice Based Credit System and other basic infrastructural facilities available in the university by the Vice-Chancellor, Pro-Vice-Chancellor, Dean Students' Welfare, Proctor and Chairman Anti-Ragging Committee, Librarian and Controller of Examinations. An eminent person is also invited to address and inspire students on the basis of her/his life time experiences. The next three days, students are introduced to their respective programmes of study by Deans, Heads and faculty both at school and department levels.

The differential requirement of the student population is inbuilt in course curriculum. The courses are offered in such a way that during first two semesters students are taught basics of the discipline in terms of core compulsory and core open courses, whereas during third and fourth semesters, they are offered specialisations, made to write projects reports/dissertations and do field work. Each department has student mentorship mechanism in place wherein a faculty member serves as mentor for about 5-10 students and to continuously monitor their progress within and outside the classroom. Our experience during recent years shows that students from disadvantaged regions like tribal and remote areas, weaker sections of the society like SC and ST, and from minority communities perform very well in their academic pursuits measured in terms of their overall academic score, number of students qualifying JRF/NET, and qualifying various national level competitive examinations. During the course of studies while the average students/slow learners follow the prescribed textbooks, the students with advanced learning abilities are referred to advanced text books, articles from journals and other intellectually challenging material. The students have an online access to a number of books and journals which the university has subscribed to. Free Internet and Wi-Fi access is provided both on the campus and in hostels so that students can access e-resources.

The semester-wise academic calendar is prepared in advance which consists of details via-a-vis internal assessment, mid-term examination and end term examination followed by vacation. Each faculty member provides detailed course outline consisting of five parts with a list of prescribed text books and

course schedule immediately after the end term examination before students proceed for vacation. The time schedule for the completion of different components is strictly followed through academic audit and to ensure that all five units are completed. The information regarding course content, aspects of evaluation system, credits, calculation of Grade Points, letter grade and promotion rules has also been uploaded on the university website. Till the academic session 2015-16, the internal evaluation was being followed in all examinations during a semester. However, from the academic session 2016-17, the external evaluation for the end term examination with 50 per cent weightage has been introduced, and a student is required to score 40 per cent marks in the end term examination to qualify a course, even though the overall pass percentage still continues to be 50 per cent.

Like other processes, evaluation process too is transparent as the answer books are shown to the students. In case a student is not satisfied with his/her score, s/he can apply for re-evaluation. The results are declared within one month of the End-Term Examination. At the PhD level, a continuous evaluation/monitoring of the students' progress through Research Progress Monitoring Committee (RPMC) is also done. As mentioned above, for earning a PhD, a student has to complete 120 credits. Out of these credits, the thesis comprises 60 credits, which is sent to two external examiners for evaluation. Out of these, one is invited to conduct viva voce examination.

The University has a qualified and competent faculty. However, resource persons from other universities are also invited depending upon the need. It has transparent process to recruit faculty by advertising vacancies in national dailies and also uploading these on university website by strictly adhering to UGC guidelines. Continuous efforts like encouraging faculty to participate in orientation and faculty development programmes, seminars, conferences and workshops both at home and abroad, organising faculty development programmes, refresher courses, workshops, conferences and seminars, inviting experts from academics and industry to interact with the faculty, and by signing MoUs with different institutions have been made to empower and enable faculty to keep pace with more latest developments in their respective fields. Resultantly, most of the faculty members have attended workshops, seminars, orientation programmes and national and international conferences in recent past. Different departments over the years have also organised a number of conferences, seminars and workshops of varying durations regularly. These activities give lot of exposure to students as well as faculty via recharging, rejuvenating and empowering them. Faculty members have also received national and international awards and have been invited as resource persons, and have presented papers and chaired sessions at national and international seminars/conferences within and outside India over last couple of years.

The University follows a student-centric learning model by adopting variation in teaching methods suiting learning abilities of the students. While lecture method is a predominant mode of pedagogy, it is supplemented through other modes like use of audio-visual facilities, multi-media, power point presentations, assignments, seminar presentations, case studies, group discussions, presentations, field based assignments, quizzes, seminar, and more active interaction in which even an average student/slow learner participates actively and asks questions freely. Practically in every PG program, students' projects are mandatory and the faculty act as project guides to students. The evaluation of these projects is done by an external examiner. The heads of the departments are constantly encouraged to invite experts from academic institutions and industry to deliver lectures and share their expertise. In addition, experts who come for attending Board of Studies and School Board meetings are also requested to deliver talks to students and faculty. Alumni are also invited to deliver talks and share their experiences.

The students are encouraged to access lectures through open online resources. The University has created a MOOCs Club which encourages faculty to develop on-line courses. To facilitate this, the club organises Faculty Development Programmes from time to time. In brief, efforts are being made to foster a culture among students to continuously strive for acquiring knowledge both inside and outside the classroom, which is proliferating at an exponential rate and also among faculty who are expected to stay updated in their respective areas of specialisations.

The University has a robust mechanism for the evaluation of teachers by students as well as alumni. The students are required to give their feedback vis-a-vis faculty teaching courses which is tabulated and shared with the teachers so that tey could improve upon their weaknesses thereby bringing quality to teaching-learning process. Teachers do use the feedback in order to improve their teaching. Salient features of teaching-learning and evaluation process could be summarised as under:

i. Transparent process of admission through an all-India entrance test
ii. Attracting students from all over the country
iii. Strictly adhering to reservation policy of the Government of India in the admission process
iv. Adoption of Choice Based Credit System
v. Adoption of Semester System
vi. Well qualified and competent faculty
vii. Student centric learning process
viii. Delivery of detailed course contents along with prescribed text books, supplementary readings and schedule of examination with weightage for different components of internal evaluation.
ix. Courses are designed keeping in view slow and advanced learners
x. Effective implementation of course delivery and examination schedule
xi. Emphasis on practical learning through practical training, field surveys and project work
xii. System of mentoring the students
xiii. Complete transparency in the evaluation process
xiv. Robust feedback system
xv. Grievance Redressal mechanism in the evaluation process
xvi. Unique PhD Programme whereby a student has to earn 120 credits
xvii. Continuous faculty empowerment through participation in workshops, seminars, conferences, orientation programmes, etc.

3. RESEARCH, CONSULTANCY AND EXTENSION

Being in its formative years, the University is trying to create a culture to promote research through a number of initiatives like providing access to basic research facilities like laptops, printers, access to online resources, allowing faculty with PhD degree to guide research students, constituting research committees at the departmental level, encouraging faculty members to identify a specialized area of research to carry out focused research, establishment of interdisciplinary research centres, signing MOUs with the established neighbouring research institutes like Terminal Ballistics Research Laboratories (TBRL, Chandigarh), INFLIBNET, Indian Institute of Management Ahmedabad, Institute of Himalayan Bioresource Technology (IHBT) Palampur to have access to research facilities for both students as well as faculty, organizing research methodology workshops and also encouraging faculty to

attend such research methodology workshops, constituting Research Progress Monitoring Committees to monitor progress of research scholars, etc. An MoU has also been signed with the University of Applied Sciences, Frankfurt, Germany to collaborate in the sphere of academic and research programs, exchange of faculty, students and publications, and other allied fields for furtherance of knowledge based enterprises.

During the last four years, the faculty members have got as many as 31 research projects with a total outlay of around Rs. 4.1 Crores from different funding agencies like DST, UGC, ICSSR, CSIR, etc. The principal investigators are facilitated in a number of ways to ensure smooth implementation of projects like timely issuing of grant utilization certificates, releasing salary and other funds from the university funds in case of delay in the receipt of project grant, facilitating them to buy equipments to implement the projects, and so on. The process of delegation of financial powers to Principal Investigators is underway. Further, during the last four years, the University has organized 12 seminars, 124 workshops, 10 orientation/training programmes and 3 international conferences on a number of themes. In a similar vein, as many as 78 lectures by inviting eminent scholars from various fields of knowledge were organized on various themes. The university is spending about 40 per cent of its resources on creating enabling research infrastructure in different departments, purchase of books, subscription of journals, e-resources, and maintenance of research laboratories.

The students obtaining PhD degrees from the university are encouraged to apply for post-doctoral research funding to agencies like UGC, CSIR, DST, etc. The university faculty has also started availing leave to pursue research in the premier institutions both in India and abroad. Dr. Subhankar Chatterjee, Department of Environmental Sciences availed duty leave to go to Germany to pursue his research programmes. Similarly, Dr. Polamarasetty Aparoy, Centre for Computational Biology & Bioinformatics has been awarded Dr. Raman Post Doctoral Fellowship to pursue higher studies in USA. To further promote the spirit of research, projects are made a part and parcel of the course curriculum in almost all the programmes of studies. And some of the departments, namely, Physics and Astronomical Sciences and Computational Biology and Bio-Informatics are doing very well and shall soon apply for special assistance programmes from funding agencies like UGC.

The research output of the faculty during last years is highly satisfactory. The publication include 282 papers published in peer-reviewed journals of national and international repute, 60 in non-peer review journals, 49 in conference proceedings and 44 as chapters in edited books. Likewise, 131 research papers have been listed in the Web of Science, Scopus, Humanities, etc. The faculty members, in particular from science departments, have published papers in journals with impact factors ranging from 0-12.96. Further, while 10 faculty members have been serving on editorial boards of different journals, 24 have received awards and recognition for their work at different levels. The first batch of the research scholars was registered in 2011 and 10 research scholars have already completed their PhD degrees. The university is very serious in checking the malpractices and plagiarism in research. The departmental level RPMC is responsible for checking plagiarism in the thesis submitted by the candidate at the time of pre-submission seminar. The URKUND software is used to check plagiarism. A tolerance limit of 20 per cent has been allowed. No case of plagiarism has yet been detected as yet.

The university is in process of framing its own rules to share the consultancy amount between the university and the scientist. However, till such time the University frames its own rules, consultancy policy followed by CSIR is adopted whereby the consultancy amount is shared between the consultant

and the university following the CSIR rules pertaining to the sharing of advisory consultancy in the ratio of 66:34 The university faculty though is providing unpaid consultancy in terms of delivering lectures in various programmes, providing inputs in various committees and meetings regularly, the faculty members have also started providing paid consultancy. Two of the faculty members, namely, Dr. Padmnabh Rai and Professor A K Mahajan respectively provided consultancy amounting to Rs. 14, 50,000 and Rs. 9,12,000 in the areas of Seismic Hazard and Synthesis of Carbon Based Materials for Scientific & Industrial Applications, respectively. The names of the faculty members along with their areas of specialisations and consultancies are available on the website and are also known through their research publications.

The University from time to time organises activities to create awareness among students and faculty about its Institutional Social Responsibilities (ISR). The University has taken up a number of activities in the neighbouring villages to create awareness and empower the local community. Some of the activities undertaken by the university include organising events on important days such as World Environment Day, Earth Day, International Women Day, Blood Donors Day, AIDS Day, International Drug Abuse Day and Blood Donors Day. Swachh Bharat Programme is being implemented and a campaign has been launched in five villages adopted by the University under Community Development Programme to make it a regular and routine affair. Similarly, School of Tourism, Travel and Hospitality Management celebrates tourism week in the last week of September and undertakes several activities in the neighbouring villages like cleanliness drive, tree plantation, cleaning and reviving traditional water sources, inviting school children and creating and educating them about moral values, and so on.

The University under the Ministry of Human Resource Development project Unnat Bharat Abhiyan (UBA) has established a Social Development Cell which has adopted five villages in its vicinity. The selected villages are Chhatri in Gram Panchayat Sihuvan, Sihuvan in Gram Panchayat Sihuvan, Bhaniyar in Gram Panchayat Manjhgran, Jallari in Gram Panchayat Manjhgran, Manjhgran in Gram Panchayat Manjhgran. The Cell has initiated a number of activities for the development of these villages as it works in close collaboration with Anganwadis. Some of the activities undertaken by the Cell in the adopted villages are like creating awareness about Swachh Bharat Abhiyan, Financial Inclusion and Maternal and Child Health. Similarly, Yog-Dhara club of CUHP organizes Yog-Shivirs from time to time.

Again, a number of surveys have been carried out by the students of different departments like Economics, Social Work and Sociology in different villages to study problems faced by villagers in general and the poor in particular. These studies have created awareness among villagers about their rights and various social evils. The university has also introduced a unique course called Community Lab in all the programmes of study with a view to promote continuous interaction and flow of knowledge between the University and the people at grassroots level which would be mutually beneficial to common people and students, researchers, and academicians of the University. The NSS and NCC units are being started from the academic session 2016-17. With the starting of NSS on the campus, the number of activities in the surrounding villages is bound to increase.

4.   INFRASTRUCTURE AND LEARNING RESOURCES

The University does not have its own permanent campus and has been functioning from a building

given to it by the state government. It is a three storey building though spacious but proving grossly inadequate in view of the increasing number of students and faculty and also in terms of the new courses that the University has either already introduced or plans to start sooner. However, during the last four-five years, the University has created state of the art facilities to cater to the requirements of different programmes of study.

The details of the infrastructural facilities are given below:

Classrooms/Lecture Theatre	▪ Six state of the art Classrooms with the seating capacity of 50 each ▪ Six state of the art Lecture Theatres with the seating capacity of 90 each ▪ Seven smart classrooms/Lecture Theatres. ▪ Two Rooms for Group Discussion/Projects/Workshops with a capacity to accommodate 20 persons ▪ All classrooms are equipped with Multimedia projector/Internet connectivity
Seminar Room/Conference Hall	▪ One Conference Hall with the seating capacity of 250 persons ▪ One well-equipped Seminar Hall with the seating capacity of 140 persons
Laboratories	▪ Physics Laboratory = 2 ▪ Environmental Sciences Lab. = 2 ▪ Computational Biology's Computer Lab. ▪ IT Lab.
Office Space/Workstations/ Counters:	▪ Three chambers and offices for the senior officers of the University ▪ Central office comprising reception, cash counters, two cabins and six workstations ▪ Strong Room for examination and other confidential records
Faculty Rooms/Cubicles/Workstation	▪ Seven fully furnished cabins for Deans/Heads/Professors ▪ Seven Workstations for Offices of the Schools/Departments ▪ Seventy Seven Workstations for Associate Professors/Assistant Professors ▪ Two workstations for COE's office staff
Library & Information Resource Centre (LIRC)	▪ 11 Terminals for electronic access to catalogue and e-resources ▪ Reading Room with seating capacity of about 40 persons at a time ▪ Lockers for about 100 persons ▪ Chamber for the Librarian/Store Room/Photocopying facility ▪ Software of University Libraries (SOUL) from the INFLIBNET; ▪ E Resources through UGC-INFONET provided by INFLIBNET
Other Facilities	▪ Facilities for purified drinking water ▪ Photocopying facility for students and staff on payment basis ▪ Mini gym/activity rooms/playground with skeleton facilities ▪ University has canteen facility and a Nescafe outlet
Internet Connectivity	▪ 1 GBPS connectivity under the National Knowledge Network (NKN)/NME-ICT
LAN/Wi-Fi	▪ Local Area Network (LAN) and Wi-Fi connectivity throughout the Temporary Academic Block
Research Scholars' Labs	▪ The University has a fully computerised three research labs with the seating capacity of 129 scholars.
Computing Facility	▪ The University has about 243 Desktops, 17 Workstations and 47 Laptops for IT Lab, Teachers and office of the Temporary Academic Block and Camp Office.

	▪ 28 i-Pad have been issued to teachers
	▪ 39 Laptops have been issued to teachers
Communication Facility	▪ Five landline telephone connections;
	▪ 64 line EPBAX system has been installed.
Generator Facility	▪ 320 KVA Generator facility providing round the clock power back-up
	▪ 82.5 KVA Generator facility available in the camp office
Video Conferencing Facility	▪ NKN based video conferencing infrastructure
	▪ Video conferencing system installed at TAB and Camp Office
Canteen Facility	▪ Canteen
Photocopy Facility	▪ Central Facility (2 nos. Copier, and 1 no. Duplicator) / Outsourced photocopy facility
	▪ Facility available at Camp Office, CoE and Main Office at TAB
ATM Facility	▪ Canara Bank's ATM facility at Temporary Academic Block, Shahpur

In addition, the university is in the process of hiring some more buildings in order to meet its increasing requirement of space. Within the given space, cabins and workstations have been created to accommodate faculty and staff. The University has also hired two buildings, one for boys' hostel at Kangra and other for girls' hostel at Dharamshala. The building for boys' hostel is spacious and has capacity to accommodate 100 students while the one hired for girls' hostel can accommodate 60. In both the buildings, recreational facilities like gymnasium, yoga centre, playground, LED, Carom Boards, Table-Tennis Board, Broadband/wi-fi connectivity have been provided to create healthy academic ambience to ensure holistic personality development of the boarders. The University has made arrangements with Government Medical College, Tanda to provide medical facilities to the students. The doctors visit the campus on three days in a week. In case of emergency, the patients are taken to the nearby hospital/medical college. The University is in the process of filling up two posts of doctors along with paramedical staff which have been sanctioned by the UGC.

Even though the University does not have its own playground, one belonging to local degree college nearby is being used whenever required. Two small playgrounds have also been created to play games such as badminton and volleyball. Each year various sports activities like cricket tournament, volleyball competitions, carom competitions, football competitions, and badminton competitions are organized for boys as well as girls. The cultural committee of the university organises cultural as well as literary activities all through the year.

The University has also earmarked adequate space for library and has created sitting space for 40 readers. The library remains open on all working days between 9 a.m. to 5.30 p.m. It has 20489 print books, 10 theses and has added 12487 books to its stock during the last three years. It has subscribed e-books through DELNET and also has a special collection of 550 text books and1080 reference books and a question bank. The library provides online Public Access Catalog (OPAC) to find and locate the library resources. J-GATE is implemented for integrated access to journals recived through iNFLIBNET Consortia and EZProxy to provide registered library users remote access to journals. The library uses SOUL software to library automation. The library has 06 computers, 04 printers and Internet bandwidth speed of (2 MBPS, 10 MB, 1 GB): 1 GB. It participates in the resource sharing through INFLIBNET. Average number of walk-ins per month is 1154; average number of books issued and returned per month is 858 and 598, respectively. The ratio of library books to students enrolled is 1:20. Other important statistics regarding the use of literature are: average number of login to OPAC is 1000,

average number of login to e-resources is 500 and the average number of e-resources downloaded/printed is 400. The University is spending significant amount of money on acquiring books, journal and other resources. For example, in the year 2015-16 it spent Rs.33, 01,946. It has on-line access to teaching and learning resources and other knowledge and information database/pack from Cambridge University Press, Economic & Political Weekly, Emerald, ISID, JCCC, JSTOR, Oxford University Press, Project Muse, Springer Link, Taylor and Francis Online, Wiley-Blackwell and J Gate.

Though the University does not have its estate office for overseeing the maintenance of the building as yet, arrangements are in place to ensure maintenance of class rooms and laboratories from time to time. The details of IT infrastructure available in the University are given below:

IT Service Management	IT and other general management approaches adopted: Policy adopted for uploading of any document on the website after going through sequential steps, notifications, orders, selection list, waiting list, enabling Online submission of application form for admission to various programmes, etc. and IT related license agreement with different agencies for subscription/e-resources are done after receiving the due approval by the competent authority.
Information Security	Huawei Eudemon 200E series firewall and UTM solution is used for user authentication, filtering of contents and recording of logs of the user activities.
Network Security	User Policy is in place that allows user with 512kbps -1 Mbps bandwidth, 1-2 mbps for Faculty and Staff, Dean and Authorities with 2-5 Mbps bandwidth. Misuse of bandwidth is being controlled by restricting certain websites, permitting authorized users to access subscribed resources from anywhere through Ezproxy. Allowing the use of Official Email-Id, troubleshooting the error messages for a permitted list of users only.
Risk Management	The University website is hosted with CDAC Noida which uses their data centre facilities for extending such services that take care of safety from Server Failure and provides defence from external attacks Email Services are hired from ERNET India that also takes care of its continuity plan to avoid any unforeseen event.
Software Asset Management	Tally is used for implementing financial accounting, etc. CMIE prowess is used for providing access to students for accessing business data that help the students in their academic and research activities.
Open Source Resources	Few faculty members of the University are using Open Source Software like GNU/Linux, Libreoffice, LaTex, Scilab, Moodle, etc for their teaching and research.
Green Computing	Energy Star or other energy saver compliant monitor / devices are preferred. Use of printers that automatically remains standby after sometime, thereby saving power and increasing the lifetime of the device.

The details regarding the number of systems with individual configurations are given below:

HP MT 3090 desktop, Intel(R) core (TM2 duo e7600 @ 3.6 GHz 3.07 Ghz), 320 GB HDD, 2 GB RAM	70 nos
HP P6328in Intel core i3 processor, 03 GB RAM, 320 GB HDD	04 nos
HP Compaq Elite 8200 l Intel (R) core(TM i7 -2600 cpu@ 3.40 GHz 3.07 Ghz) 500 GB HDD	100 nos
HP Compaq Elite 8300 l Intel (R) core(TM i7 -2600 cpu@ 3.40 GHz 3.07 Ghz) 4 GB RAM, 500 GB HDD	54 nos
Desktop Camp office	15 nos
Workstation Z820 HP	15 nos
Workstation HP	02 nos
Laptops (Lenovo + dell+ HP)	47 nos
MFP Laserjet Printer M1216mf	10 nos
HP Laserjet 1108P	90 nos

The University has plans and strategies for deploying and upgrading IT infrastructure by procuring blade server for providing various computing facilities, procuring information kiosks such as digital notice board, video conferencing system, adopting online admission and examination system, designing, developing and maintenance of facilities for persons with disabilities, providing Wi-Fi campus connectivity on different locations under MHRD-NMEICT Project, and adopting E office solution for office automation.

5. STUDENT SUPPORT AND PROGRESSION

The CUHP from the very beginning is student-centric and has accorded top most priority to support and help students in realising their full potential so that they mature into wholistics individuals. It provides various facilities that are required for realisation of students' potential. Apart from class room teaching, it undertakes a number of other activities to monitor students' progress and thus enhance their learning skills such as organising talks and workshops by external experts on various topics like SPSS, soft skills, industrial visits, field visits, community labs and thereby encouraging students to participate and present papers in various seminars and conferences. The University has established a Students Counselling Centre to help students in career counselling, soft skill programmes, and training and placement. It also helps the poor and needy students in getting loans from banks and in all other activities wherever they require help and guidance.

The University through its prospectus and website and provides all important details like academic calendar, examination schedule, fee detail, freeship, faculty and intellectual resources, anti-ragging measures/helpline, hostels facility, availability of e-resources, and so on. Though the University till now does not have any physically disabled student on its rolls, it has system in place to help such students given the nature of infrastructure available.

Further, while around 20 per cent of PG students get freeship/half-freeship, the proportion of RD students getting financial assistance is more than 100 per cent. The skill development courses under CBCS are an integral part of the course curriculum. The students are encouraged to offer courses in

spoken and written English communication and are also occasionally trained through workshops to learn use of different software and statistical packages like SPSS, STATA, etc. The course curriculum in almost every department is designed considering the UGC course curriculum for NET/JRF. In some departments, the provision for training students for NET/JRF is made within the time table and regular classes are held accordingly.

As mentioned above, despite infrastructural limitations, the University has been regularly organising intra-university sports activities in cricket, tennis, badminton, table tennis, volley ball, football and carom, chess to give opportunities to both boys and girls. The university has established Placement and Training Cell that has helped significant number of students in getting placements. The Alumni Association has been constituted, though not yet registered formally, to get feedback from them and also enable them to interact with students and share their experiences. The meetings of the Alumni Association have been held from time to time. The Executive Committee has already been constituted which is taking steps to get it registered.

The Students Grievance Redressal Cell (SGRC) has been constituted under the chairmanship of DSW with a representation to students, and is functional. The complaints and grievances of the students are addressed on priority whenever these are received by the Cell. Similarly, for the prevention of sexual harassment at workplace, SPARSH has been created under which two committees viz. Apex Committee and University Complaint Committee have been constituted. The Apex Committee takes preventive measures by sensitizing students and staff about gender-based discrimination and workplace harassment while the University Complaint Committee initiates necessary actions to provide assistance and redressal to victims via recommending penalties and other suitable actions to be taken. SPARSH also organises different activities to create awareness among faculty, students and staff about sexual harassment. The

Anti-Ragging Committee has also been constituted, giving representations to all stakeholders like students, society, parents, NGOs, district administration, etc. It organises meetings regularly to create awareness among the students and faculty by taking necessary steps required to check ragging. It may be mentioned here that there has not been any case of ragging in the last five years. The students have been performing exceedingly well in their examinations as is evident from the pass percentage of the students which is around 98 per cent and, more importantly, from the fact that quite a good proportion of the students in each department has qualified NET/JRF examination during the last four years.

The Students Council consisting of 20 elected and 20 nominated members has been constituted as per the Ordinance for Constituting Students Council which is framed strictly as per the Lyngdoh Committee Report. The Council members are represented on a number of administrative committees like Anti Ragging Committee, Organising Committees for Sports and Cultural Activities, Canteen Committee, Transport Committee, Grievance Redressal Committee, Hostel Management Committee, SPARSH, Internal Quality Assurance Cell, Discipline Committee, NSS Advisory Board, NCC Advisory Board, etc.

6. GOVERNANCE, LEADERSHIP AND MANAGEMENT

The University in its formative years was led by Professor Furqan Qamar, the Founder Vice Chancellor who prepared Vision Document of the University and laid solid foundations for its future growth.

Professor Y. S. Verma officiated as Vice Chancellor and carried forward the works initiated by the founder Vice Chancellor. Professor Kuldeep Chand Agnihotri has joined as its second regular Vice–Chancellor and is trying hard to take the University to greater heights. The University is fortunate enough to have Shri Arun Maira, former member of the Planning Commission, Govt of India as its First Chancellor. The Executive Council, Academic Council, The Court, School Board, Board of Studies, Departmental Committee, Examination Committee, Discipline Committee, Building Committee, Library Advisory Committee are involved in the governance and administration of the University. Similarly, the Vice Chancellor, Pro Vice Chancellor, Deans Students' Welfare, Deans of Different Schools, Registrar, Finance Officer, Controller of Examination, Proctor, and Librarian are key officers and functionaries of the University and provide leadership at different levels.

As stated, the Central University of Himachal Pradesh strives for excellence and inclusiveness in higher education and research to emerge the premier university of the country at par with the best universities of the world in terms of programme offerings, curricular framework, pedagogy, research, publications and integration with the world of work. The vision statement is sought to be accomplished, *inter alia,* through:

- Making University a symbiosis of world of knowledge and world of work with devotion to human values;
- By offering most relevant, up-to-date, multi-disciplinary programmes of study with global outlook;
- By attracting the best and most eminent faculty recruited through multiple modes;
- Adopting pedagogy which recognises that each individual is a unique learner;
- By working in close collaboration with industry;
- By creating state of art infrastructure.

The Vision of the University, itsMission and Objectives are conveyed to all employees of the University who work for accomplishment of the set goals.

The University adopts a transparent system, strictly as per UGC guidelines, to recruit its faculty. The recruitment is done on all-India basis. The faculty members constantly improve their skills through their exposure to seminars, workshops, conferences, orientation courses, and so on. The University encourages promotion of knowledge at all levels through peer group learning at the departmental, school and university levels. Through all these measures, it has succeeded in creating a discourse culture through dialogue and discussion among faculty and student at formal as well as informal platforms during a short span time. Most of the schools in the university have institutionalised practices like keeping actively functional School/ Departmental Cell, Seminar Series, Study Circle, etc. wherein regular discussions are held on contemporary issues. As mentioned above, the University is in the process of developing e-contents using MOODLE platform as a part of knowledge management strategy. The University thus succeeds in producing professionally qualified and globally competent human resource thereby contributing toward nation building.

The university has regularly been engaging with community in several ways like adoption of villages, involving key persons from the community in different committees like Anti-Ragging committee, organising survey and field work, conducting different activities in the villages, and so on. The faculty of the University is actively working on research issues through projects funded by various agencies to

solve the problems faced by the local community like such as waste management and recycling of waste.

The university has developed a very sound system to deal with grievances of different stakeholders and has established Grievance Cell for Students, Grievance Cell for Teachers, Grievance Cell for Non-Teaching Staff, Sensitisation, Prevention and Redressal of Sexual Harassment Cell (SPARSH) and Equal Opportunity Cell to redress the grievances of the concerned.

The University has a sound Financial Management System and the Finance Officer with the help of internal audit officer ensures and monitors effective and efficient use of financial resources strictly in accordance with ordinances, rules and regulations and guidelines issued by the UGC and MHRD from time to time. The University has a proper system of audit carried out by CAG.

The university has established Internal Quality Assurance Cell which is in the process of devising ways and means to ensure and enhance quality in all aspects of the university functioning with a particular focus on teaching and research.

INNOVATIVE PRACTICES

Despite the fact that the University does not have its own permanent campus as it functions from a temporary building, all efforts are being made to promote greenery in the surroundings by planting trees. Various programmes on special days like Environment Day and Earth Day are organised to create environment consciousness and awareness among students, faculty and staff and also among the local people. The University has taken several measures to conserve energy.

Guided by the reforms agenda in higher education and learning from the experiences of the best universities of the world, has introduced a number of innovations as listed below:

- Semester-based Academic Calendar
- Programmes based on Comprehensive Choice Based Credit System
- Programmes of Studies defined in terms of Credits
- Students Mobility and Credit Transfer
- Students to accumulate required number of credits from across disciplines
- Innovative approach in designing Programmes of Study by adopting 'learner-centred approach'
- Computation of Credits based on a Holistic Approach
- All Programmes of Study to be Modular
- All Programmes of Study are Multi-disciplinary/Inter-disciplinary
- All Programmes based on Comprehensive Continuous Internal Assessment
- All Programmes of Study have Grading System
- Innovative Research Degree (MPhil/PhD) Programmes
- Optimal utilization of available space
- Classes conducted in two shifts from 8.30 a. m. to 3.30 p. m. and 11.30 a. m. to 5.35 p. m.
- Computerized pre and post examination processing
- Introduction of WI-FI facility on the campus
- Memoranda of Understanding
- Internal Quality Assurance Cell

- Feedback System
- Alumni Association
- Campus Networking
- Grievance Redressal Mechanism
- Teaching Plans/Detailed Course Contents
- Display of attendance by 5th of every month
- The Text Book based teaching

Best Practices

1. Title of the Practice: Community Lab

2. Objectives of the Practice: To transfer/use the knowdge generated during the class room teaching for the welfare of local community. The intended outcome is to improve the well-being of the local community through appropriate interventions

3. The Context: A critical concern of research undertaken in different research institutions/universities is its mismatch with the actual issues/problems faced by the common people at the grassroots. While interaction between the industry and research institutions is being promoted continuously, not much has been done to promote close interaction between the research on social issues and the felt needs of the community. It is against this background that the Central University of Himachal Pradesh (CUHP) has institutionalized the programme of Community Lab and made it as an essential component of its academic programme. The purpose of Community Lab is, inter alia, to promote continuous interaction and flow of knowledge between the University and the people at the grassroots that would be mutually beneficial to the common people & the students, researchers, and academicians of the University. The introduction of the course on Community Lab enables students to apply theoretical knowledge acquired in the classrooms to real life situations in the community. This provides an opportunity to students to realign their research and capabilities to seek answers to questions critical for improving the well-being of the community. It also contributes to the development of appropriate interventions in various aspects socio-economic and cultural life of the people that includes agriculture, health, education, environment, energy, finance, nutrition, labour markets, local level political institutions etc.

4. The Practice The baseline data is generated through doing a base line survey. This shall enable students, among other things, understand what works with community and what does not, the felt needs of the community, nature of interventions that are required and the areas in which the university can make direct or indirect contribution towards improving the well being of the Community. This documentation would be of huge significance to different stakeholders namely, policy makers, scholars, academicians, and agencies engaged in community work.

5. Evidence of Success: There is increasing awreness among villagers about their rights and various developmental schemes being implemented by the government for their welfare.

6. Problems Encountered and Resources Required: Sometimes it becomes difficult to convince people about the beneficial effect of thee interventions proposed by different departments of the University. Resources are required to buy one or two buses to provide transpiort facilities to the students and faculty for undertaking work related to community lab.

7. Notes: No additional information

Best Practice 2

1.   Complete Freedom to the Faculty to Revise and Update the Course Curriculum

2.   Objective: To keep the course curriculum up-to-date

3.   The Context: In modern era when the knowledge is simply exploding day by day and given the availability of the means of information technology, there is a need to revise and update the course curriculum continuously. Moreover, through attending conferences, seminars, workshops, refresher course get exposed to the latest topics/course contents which are being tought in different universities. This practice enables them to include all these topics in the course contents without forma approval from Board of Studies and other such committees.

4.   The Practice: The faculty members give detailed course contents to the students with complete lecture schedule in the beginning of each semester. In addition, during the semester they can also introduce the topics and also which should be taught to the students.

5.   Evidence of Success: Feedback from the students and alumni. Also increasing number of students which clear JRF/NET and other examination for seeking admission to higher to pursue higher studies.

6.   Problems Encountered: No problem is encounteres. There is also no resource constraint

7.   Notes: There is no additional information.

CRITERION – 1 CURRICULAR ASPECTS

1.1 Curriculum Design and Development

1.1.1 How is the institutional vision and mission reflected in the academic programmes of the university?

Vision of the University:

The Central University of Himachal Pradesh strives for 'Inclusive Access & Excellence in Higher Education and Research' with a view to emerge as the premier university of the country at par with best universities of the world in terms of programme offerings, curricular framework, pedagogy, research, publications and integration with the world of work.

In pursuit of the above Vision, the Central University of Himachal Pradesh shall:

- provide each individual learner is uniquely endowed opportunities to choose her/his own pathways and pace of learning so as to enable her/him to excel in their pursuit of higher education.
- offer multi-disciplinary Programme of Study at Undergraduate, Postgraduate and Research Degree Levels designed keeping in view Comprehensive Choice Based Credit System.
- have a fully evolved semester system based on Comprehensive Continuous Internal Assessment so as to incorporate a highly research-based pedagogy
- develop innovative Curricular Framework aimed at knowledge, skill and aptitude based application-oriented higher education and research.
- benchmark its curricular framework, pedagogical practices, infrastructure and physical facilities, governance policies and administrative practices quite differently from best universities of the World.
- follow a Means-Blind Admission Policy in order to attract the most meritorious students so as to offer equitable access to all belonging to different sections and strata of the society.

The Central University of Himachal Pradesh strives for Inclusive Access to Excellence in Higher Education and Research to emerge as the Premier University of the Country at par with the best Universities of the World in terms of programme offerings, curricular framework, pedagogy, research, publications and integration with the world of work.

While development of own infrastructure of the University may take a while, the University has an ambitious Vision Document evolved in consultation with eminent experts in the field of education. The Vision Document and Strategic Plan of the University as approved by the statutory authorities of the University are available at the website of the University (www.cuhimachal.ac.in). Accordingly, in due course of time, the University will grow to have purpose built, state of the art 150 acre campus in Dharamshala and 900 acre campus in Dehra and will have 17 Schools of Studies with nearly 90 Departments of Studies, about 50 Centres of Studies, about 1000 faculty members and nearly10,000 students on its roll.

Mission of the University:

▪ The Central University of Himachal Pradesh with territorial jurisdiction over the whole state of Himachal Pradesh in India, will be global in outlook but grounded in local tradition and culture.

▪ The University shall strive to achieve excellence in higher education by offering most relevant, up-to-date, multi-disciplinary programmes of study required for the present and future development and nation-building.

▪ The University aims to have a global outlook and international orientation to its programmes and services and will adopt a holistic approach to higher education wherein total students' efforts in terms of commitment to contact hours, peer-group learning, self-learning, work experience, individual initiatives, group work and self-actualisation by harnessing their latent talents, are all taken into account in the assessment of students.

▪ The University seeks to inculcate and nurture a culture of performance. Dedicated faculty and staff of the University will shape up the new generations of students to take up the mantle from the present generation. Progressive, democratic and secular outlook, commitment, dedication, diligence and devotion to duty shall characterise the ethos of the University.

▪ The University strives to achieve a symbiosis of the world of knowledge and the world of work with devotion to human values that will form the bedrock of pedagogical practice of the University. It will aim at a high degree of integration with the world of work through high quality research, publication, consultancy, industrial linkages and would create conditions to attract the most meritorious students not only from within the country but also from abroad.

▪ The University seeks to proactively work to attract a diverse student population by resorting to means-blind admission policy to promote merit and through affirmative action lead to inclusive access to excellence in higher education.

▪ The University aims at attracting the best and most eminent faculty recruited through multiple modes–full time, adjunct, chair professorship, scholar-in-residence, part-time, visiting, guest, and invited lectures.

▪ The University shall have world class facilities and infrastructure and will benchmark each of its activities with the best Universities of the world conditions, work ethics, work culture and services that promote welfare of all stakeholders- the students, the faculty, staff and society at large.

▪ Residential in character, programmes of study offered by the University will be multi-disciplinary, modular, based on a fully evolved choice based credit system with comprehensive continuous internal assessment.

▪ University will adopt a pedagogy which recognises that each individual learner is unique in abilities, talent, dedication, commitment, devotion and in her/his approach to life and that each one will have to be provided opportunity to blossom at her/his own pace and in her/his own unique way.

▪ The University will organise its academic activities so as to create conditions for focussed attention for the development of specific discipline and advancement of knowledge through cross-fertilisation of ideas and by bringing together a cross section of discipline.

▪ The University will have a wide variety of Schools of Study representing all domains of higher learning and thereby offering a wide variety of academic programmes at all levels of higher education across academic and professional disciplines in a modular-curricular framework and multi-disciplinary mode benchmarked with the best global practices.

- Each School of the University would be designed as autonomous within the framework of the Central Universities Act 2009 so as to fully empower the Deans to design, develop and offer courses in their chosen areas of specialisation and to take up research and consultancy activities within the broad philosophy and framework of the University.
- With a view to focus on the basics, Programme of Study of the University will be organised around specific domain of knowledge and discipline areas. Programmes of Study would, however, be multi-disciplinary as the students will have the freedom to register for courses (papers) offered by various Departments of Studies.
- In order to promote multi-disciplinary research, each School of the University will also have Specialised Centres to undertake multi-disciplinary research and curricula development activities.
- Equipped with research and computational facilities, these centres would provide physical and intellectual space to engage on a chosen theme of research. Based on the specific proposals, a select number of faculty members of the University may be placed in these centres in an internal sabbatical type of arrangement.
- The University will also have a Senior Secondary School affiliated to the Central Board of Secondary Education to provide for excellent schooling to the children of the faculty, staff and neighbourhood.
- The University will also network with neighbouring schools and engage in capacity building of their students so as to serve as the feeder for the admissions in the University.
- The University will adopt development and operational strategy that promotes self-sufficiency and self-reliance and fosters academic, administrative and financial autonomy to perpetuate a culture of performance linked with self-accountability.
- The University will be attaining an enrolment size of 10,000 students and 1000 faculty across different Schools of Studies over a time span of 10 years.

Objectives of the University:

Objectives of the University as given in the Central Universities Act 2009 are as under:
- To disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit.
- To make special provisions for integrated courses in humanities, social sciences, sciences and technology in its educational programmes.
- To take appropriate measures for promoting innovations in teaching-learning process and inter-disciplinary studies and research
- To educate and train manpower for the development of the country
- To establish linkage with industries for the promotion of science and technology
- To pay special attention to the improvement of social and economic conditions and welfare of the people, their intellectual, academic and cultural development.

1.1.1 Reflection in Academic Programmes

All the academic programs of Central University of Himachal Pradesh do imbibe vision and mission of the University. The departments and centres which are operational are listed below. These academic departments of the University are functioning from the Temporary Academic Block, Shahpur located at a distance of about 28 kilometres from Dharamshala on Manali-Pathankot national highway. The camp

office of the University is at Dharamshala where administrative offices of Vice Chancellor and Registrar are located. Out of the proposed 17 and approved 14 Schools, 11 schools have been made functional. And at present 19 departments and two centres in these schools are in operation. The departments and centres are as follow:

1.   Centre for Computational Biology and Bioinformatics (CCBB)
2.   Department of Computer Science & Informatics (CSI)
3.   Department of Economics & Public Policy (EPP)
4.   Department of English & European Languages (EEL)
5.   Department of Environment Sciences (ES)
6.   Department of Hindi & Indian Languages (HIL)
7.   Department of Journalism & Creative Writing (JCW)
8.   Department of Library & Information Science (LSI)
9.   Department of Human Resource Management & Organisational Behaviour (HRM & OB)
10.   Department of Mathematics (MTH)
11.   Department of Mass Communication & Electronic Media (MCE)
12.   Department of Physics and Astronomical Sciences (PAS)
13.   Department of Social Work (SW)
14.   Department of Teacher Education (TE)
15.   Department of Tourism & Travel Management (TTM)
16.   Department of Sanskrit and Pali (SP)
17.   Department of Sociology and Social Anthropology (SSA)
18.   Department of Visual Arts
19.   Accounting & Finance (A & F)
20.   Marketing & Supply Chain Management (M & SCM)
21.   Centre for Entrepreneurship & Innovation (CEI)

The course curriculum in each discipline has been planned keeping in view the learning outcomes, global competencies and core values enshrined for higher learning attributes. The Choice Based Credit System (CBCS) curriculum in each discipline enables students to gain insights concerning global challenges, attain sense of working towards inter-disciplinary thinking, build scientific temper, attain professional advancement, life skills and imparts research orientation with a blend of co-curricular activities. This enables them, among other things, to attain requisite entrepreneurial skills, and make them acquire competencies in different fields of specialisation which in the ultimate sense enable them to compete both nationally and internationally.

In order to further attain its vision and mission, the University ensures to create a supporting system for faculty and students in following facets:

(i)   Foundational and contemporary disciplines with focus on personality development
(ii)   Industry oriented curriculum blended with spirit of strong ethical values and Inter-disciplinary content
(iii) Student centric teaching and learning pedagogy with special emphasis on shift from transactional mode to transformational mode of teaching
(iv)   Use of ICT in improving teaching learning process.

The Central University of Himachal Pradesh strives for the continuous improvisation of performance and benchmarking against the best standards of excellence in teaching and research both at home and abroad.

1.1.2 Does the university follow a systematic process in the design and development of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).

The courses as well as curricula are designed by the teacher concerned and thoroughly reviewed at departmental level keeping in view the industrial needs, advancement in technology and advancement of learning levels both nationally and internationally. The course curriculum is placed before of Board of Studies and School Board and is revised in view of the feedback.

Need Assessment: The curriculum is designed by the faculty members considering the guidelines and model curriculum of UGC, leading universities/institutions and industries, and the curriculum prescribed for NET/JRF. Inputs from various stakeholders are also received by conducting workshops and curricular development meetings so as to get a better understanding of contemporary and prospective needs. The content of the similar courses being offered by leading institutions is also considered. In addition, subject experts visiting various departments on different occasions also provide their insights regarding the curriculum which is then used to revise and formulate the syllabi.

Designing initial draft of curriculum*: The draft course curriculum is further discussed among faculty members in the departmental meetings under the chairmanship of the Head of the Department.

Feedback: The feedback about the curriculum is also taken from the alumni and outgoing students of final year to revise and modify the gaps, if any, as per the suggestions.

Decision of Board of Studies: The draft of curriculum is thoroughly discussed in the meeting of the Board of Studies as well as School Board. The inputs/feedback from the subject matter specialists are/is incorporated in curriculum.

Improvisation and Finalization: The revised curriculum is finally approved by the Academic Council and Executive Council and is put into practice.

From the current academic session, i.e. 2015-16, the University has been strictly following the latest CBCS as per UGC guidelines for design and development process of curriculum with emphasis on interdisciplinary, value-based and skill-based courses providing complete academic flexibility.

Besides above measures, the University also sends the curriculum to external experts from the industry and academia from time to time to get their inputs to ensure that curriculum is in line with latest market trends. This further provides feedback for enriching the curricula.

1.1.3 How are the following aspects ensured through curriculum design and development?
- **Employability**
- **Innovation**
- **Research**

Employability

As mentioned above, the course curriculum is designed keeping in view the job market requirements and the need for strengthening attributes of entrepreneurship. Central Placement Cell has been established by the University to provide quality placement opportunities for students. The Cell organizes various skill development workshops like communication, and personality development to groom students as per requirement of the industry throughout the year. The departments also undertake placement activities at their end. The University frequently organizes interactive sessions with eminent academicians and industrialists so as to develop synergistic partnerships paving way for desirable employability of the students. Since visualization of the institution from the curricula has lot of impact in establishing the industry-institution relationship and placements, the curriculum is designed keeping in view the need and requirements of the industry.

Teaching pedagogy also emphasizes case studies, students' involvement and participation which help in holistic development of the students from employability skills perspective. The need assessment activity in the departments takes into account the options of employability through the various courses planned in coordination with industry representatives. The Industry Academia Cell frequently meets to suggest measures to be undertaken towards enhancing employability through different courses being taught.

Innovation

Central University of Himachal Pradesh also emphasizes on usage of innovative management techniques and latest teaching pedagogy to educate students about essential and emerging concepts, analytical frameworks, theoretical perspectives, and organizational environments and processes. The teaching and learning process relies on participation and interaction by using a mixture of pedagogy i.e. case study, presentations, e-resources, lectures by eminent speakers from academia and industry. Innovative teaching techniques are encouraged by the University like teaching at field settings, out of classroom teachings, etc.

Research

Central University of Himachal Pradesh aspires to be a leading institution of teaching, research, and professional development. It offers PhD programs to carry out quality research in the respective fields. Also, the research methodology, IT and data analysis courses are integrated into course curriculum across various disciplines. Besides that, research-based dissertations/projects/field work is an integral part of almost all postgraduate programs. In some departments, students are also exposed to presentations during club activities and actual field settings. The faculty is encouraged to undertake projects, attend workshops on various themes organised from time to time and publish in journals of national and international repute. Hands-on experience is also provided through practical orientation.

1.1.4   To what extent does the university use the guidelines of the regulatory bodies for developing and/or restructuring the curricula? Has the university been instrumental in leading any curricular reform which has created a national impact?

All the Departments consider guidelines and model curriculum of UGC and other statutory bodies of government while developing, designing and restructuring courses and course curricula. Choice Based Credit System has also been adopted in accordance with UGC guidelines. Guidelines contained in University Ordinances and Regulations are also followed to develop and restructure the course curriculum.

1.1.5   Does the university interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the university benefitted through interactions with the stakeholders?

Feedback from the stakeholders such as the industry professionals and experts in academia and research is regularly sought at different stages in the form of need assessment, designing and revisiting curriculum. This is beneficial for the University to keep pace with the dynamic needs of the industry and society at large.

1.1.6   Give details of how the university facilitates the introduction of new programmes of studies in its affiliated colleges.

At present the university does not have the mandate to accord affiliation to colleges and other institutions.

1.1.7   Does the university encourage its colleges to provide additional skill-oriented programmes relevant to regional needs? Cite instances (not applicable for unitary universities).

As mentioned above, the university does not have the mandate to accord affiliation.

1.2   Academic Flexibility
Furnish the inventory for the following:
Programmes taught on campus overseas
programmes offered on campus

Programmes available for colleges to choose from

The University ensures complete academic flexibility by offering courses according to the latest CBCS as per UGC guidelines. Academic flexibility is offered by providing a variety of options in choosing electives from within the domain discipline and across the disciplines. Details of programmes are furnished below:

Programmes taught on campus - 39

I- P.G. Programmes - 17
1.   MBA (Specialization in Tourism & Travel)
2.   M.Sc. (Computational Biology and Bioinformatics)
3.   M.Sc. (IT)
4.   M.A. (Economics)

5.   M.A. (English Language & Literature)
6.   M.Sc. (Environment Sciences)
7.   M.A. (Hindi)
8.   M.A. (Journalism & Creative Writing)
9.   M. Lib. (Library Science)
10.   MBA   (Master of Business Administration)
11.   M.Sc. (Mathematics)
12.   M.A. (Mass Communication & Electronic Media)
13.   M.Sc. (Physics)
14.   Master of Social Work (MSW)
15.   M.A. (Sociology)
16.   M.A. (Education)
17.   M.A. (Sanskrit)

II- M. Phil/PhD-18
1.   M. Phil/PhD Tourism & Travel Management
2.   M. Phil/PhD Computational Biology and Bioinformatics
3.   M. Phil/PhD Computer Science and IT
4.   M. Phil/PhD Economics
5.   M. Phil/PhD English
6.   M. Phil/PhD Environmental Sciences
7.   M. Phil/PhD Visual Arts
8.   M. Phil/PhD Hindi
9.   M. Phil/PhD Journalism & Creative Writing
10.   M. Phil/PhD Library & Information Science
11.   M. Phil/PhD Accounting & Finance
12.   M.Phil Human Resource Management and OB
13.   M.Phil   Marketing and Supply Chain Mangement
14.   M. Phil/PhD Mathematics
15.   M. Phil/PhD Mass Communication & Electronic Media
16.   M. Phil/PhD Physics and Astronomical Sciences
17.   M. Phil/PhD Social Work
18.   M. Phil/PhD Education

III- UG Courses-4

1.   B.Sc. (Physics Honours)
2.   B.A. (Sanskrit Honors)
3.   B. Voc. (Mass Communication)
4.   B. Voc. (Financial and Marketing Services)

IV- Certificate Courses

Apart from above Programmes, the University has also approved certificate courses. List is furnished below:

1.   Certificate Course in Gojari language
2.   Certificate Course in Gujjar History & Culture

1.2.1   Give details on the following provisions with reference to academic flexibility

a)   Core/elective options
a.   Enrichment courses
b.   Courses offered in modular form
c.   Credit accumulation and transfer facility
Lateral and vertical mobility within and across programmes, courses and disciplines

a.   **Core / Elective options**
Details of Core and Elective courses offered in the academic session 2016-17 are furnished below:

1. Centre for Computational Biology and Bioinformatics

MSc (Computational Biology & Bio-Informatics)	
Core Courses: Core Compulsory	
Course	**Title**
CBB 402A	Elements of Modern Biology
CBB 414	Practical course on Bioinformatics tools
CBB 405	Basics of Bioinformatics
CBB 411	Introduction PERL programming
CBB 413	Practical course on PERL
CBB 403	Introduction to statistics and probability
CBB 431	Bioanalytical Techniques
CBB 417	Structural Biology
CBB 429	Practical course on structure prediction and modelling
CBB 504	Genomics and proteomics
CBB 501	Algorithms in computational biology
CBB515	Computer aided drug discovery
CBB499A	M.Sc. Project
Core Courses: Core Open	
CBB 503	Molecular modelling and dynamics
CBB 518	Elements of Systems Biology
CBB 523	Practical course on Systems Biology
CBB 428	Practical course on CADD
Elective (Specialization) : Group-I, Computational Biology	
CBB 426	Practical course on molecular simulations
CBB 536	Practical course on R-programming in Bioinformatics
CBB 526	Next generation sequencing: methods and data analysis
CBB 525	Enzyme Kinetics
CBB 522	Elements of Synthetic Biology
CBB 516	Molecular evolution and Biodiversity
CBB 527	Plant Bioinformatics
CBB 513	Chemoinformatics
M. Phil/Ph.D Programme: PhD	

2. Department of Computer Sciences and Informatics

MSc Information Technology	
Core Courses: Core Compulsory	
Course	**Title**
CSI 401	Programming Methodology & Problem Solving on C
CSI 403	Computer Organization & Architecture
CSI 406A	Fundamentals of ICT
CSI 407A	LAB-C
CSI 409A	Database Management System
CSI 410	Object Oriented Programming using C++
CSI 413	Computer Networks
CSI 414A	LAB-DBMS
CSI 414B	LAB-C++
CSI 420	Data Structure & algorithms
CSI 422	LAB- Data Structure & Algorithms
CSI 499	Industrial Training
CSI 531	Theory of Computation
Core Courses: Core Open	
CSI419	Compiler Design
CSI 426	Operating System & System Soft wares
CSI 430	LAB-Compiler Design
CSI 431	Algorithm Design
CSI 432	LAB-Algorithm Design
CSI 506	E-Governance, E-Business and E-Learning
CSI 412	ICT and its Applications to socio-Economic Development
CSI 404	Probability and Statistical Computing
CSI 411	Modelling and Simulation
CSI 510	Multi-Media Systems and Technologies
CSI 518	Computational Finance
CSI 513	Cloud Computing, Green Technology and Emerging Trends in ICT
Elective Course: Elective Specialization	
Specialization -1 Internet Technologies and the Web	
CSI 515	Internet Technologies & Web Programming
CSI 503	Java Programming
CSI 508A	LAB-Java
CSI 515 A	LAB- IT&W
Specialization -2 Information Retrieval and Cryptography	
CSI 514	Information Retrieval and Web mining
CSI 440	Information Security & Cryptography
Specialization -3 Image Processing and Graphics	
CSI 438	Digital Image Processing

CSI 441	Computer Graphics & Multimedia
CSI 442	Discrete Structure
Specialization-4 Software Engineering	
CSI 502	Software Engineering
CSI 509	Free and Open Source Software Development
CSI 610	Software Quality Assurance
CSI426	Operating Systems and System Software
Csi424	Visual Programming
Elective Course: Elective Open	
CSI 439	Data Mining and warehousing
CSI 505	Mobile Wireless Communication
CSI 504A	Artificial Intelligence
CSI517	ERP(Operation Research)
CSI 421	Advanced Computer Algorithms
Foundation Courses: Human Making	
CSI 429	IT Tools for Smart Work
CSI 430	Tools and Technologies for Collaborative work
Foundation Courses: Skill Development	
CSI 443	LAB-Computer Hardware & Networking
CSI 444	LAB Linux-Ubuntu
CSI 445	LAB-Perl
CSI 446	LAB -LibreOffice(FOSS)
M. Phil/Ph.D Programme	

3. Department of Economics and Public Policy

MA Economics	
Core Courses: Core Compulsory	
Course	**Title**
ECN 450	Microeconomics I
ECN 520	Microeconomics II
ECN 451	Macroeconomics I
ECN 521	Macroeconomics II
ECN 403	Statistical Methods
ECN 453	Development Economics
ECN 452	Econometrics I
ECN 522	Econometrics II
ECN 423	International Economics
ECN 404	Mathematics for Economists
ECN 523	Mathematical Optimization
Note: # The student who has studied mathematics in their graduation shall opt for ECN 523 and others must opt for ECN 404.	
Core Courses: Core Open Courses (Group I)	
ECN 499	Dissertation (M.A.)
ECN 514	Community Lab for Economics
ECN 446	Field Work and Report Writing
Core Courses: Core Open Courses (Group II)	

ECN 501	Mathematical Economics
ECN 512	Game Theory
ECN 502	History of Economic Thought
ECN 421	Research Methods in Social Science
ECN 454	Economic Analysis using Statistical Packages
ECN 524	Economics of Growth
ECN 440	Evolution of Indian Economic System
ECN 415	Labour Economics
ECN 420	Computer Application for Economists –I
ECN 507	Computer application for Economists –II
Elective courses:	
Note: A specialization shall only be offered if minimum 10 students have opted for it.	
Elective courses: Elective Specialization I-Public Policy	
ECN 408	Public Economics
ECN 416	Environmental Economics
ECN 513	Institutional Economics
ECN 424	Economics and Law
Elective courses: Elective Specialization II-Financial Economics	
ECN 539	Monetary Economics
ECN 508	Financial & Capital Markets
ECN 509	International Financial Institutions
ECN 526	Financial Econometrics
ECN 527	Financial Structures and Economic Development
ECN 540	Financial Economics
ECN 541	Banking and Finance
ECN 542	Banking and Insurance
Elective courses: Specialization III-Industrial Organization	
ECN 528	Industrial Organization
ECN 529	Economics of Regulation and Competition Law
ECN 530	Industrial Development in India
ECN 531	Economics of Technological Change
Elective courses: Elective Specialization IV- Agricultural Economics and Rural Development	
ECN 532	Agricultural Development
ECN 533	Production Economics
ECN 534	Agricultural Marketing
ECN 535	Agro-based Industry
ECN 536	Agricultural Finance
ECN 537	Agricultural Value Chain
Elective courses: Elective Open	
ECN 501	Mathematical Economics
ECN 512	Game Theory
ECN 409	Money & Banking
ECN 502	History of Economic Thought
ECN 421	Research Methods in Social Science
ECN 454	Economic Analysis using Statistical Packages
ECN 524	Economics of Growth
ECN 440	Evolution of Indian Economic System

ECN 513	Institutional Economics
ECN 417	Economics of Health
ECN 424	Economics and Law
ECN 505	Economics &Financial Services
ECN 506	Human & Sustainable Development
ECN 509	International Financial Institutions
ECN 510	Resource and Environmental Economics
ECN 411	Agricultural Economics
ECN 412	Industrial Economics
ECN 415	Labour Economics
ECN 426	Poverty and its Estimation
ECN 431	Human Development: Concept & Measurement
ECN 523	Mathematical Optimization
ECN 538	Probability Theory
ECN 401*	Basics of Microeconomics
ECN 406*	Basics of Macroeconomics
ECN 434*	National Income: Concept and Measurement
ECN 444*	Economics of Microfinance
ECN 449*	Issues in Economic Development
ECN 519*	Basics of Game Theory
ECN 407*	Indian Economic Environment
Human Making and Skill Development Courses	
ECN 445	Basic Terms and Concepts in Economics
ECN 456	Basic Statistical and Econometric Techniques
ECN 457	Economics of Values and Ethics
*Note: * The courses, ECN 401, ECN 406, ECN 434, ECN 444, ECN 449, ECN 519 and ECN 407 will only be offered to students of other departments.*	
M. Phil/Ph.D Programme	

4. Department of English and European Languages

MA English Language and Literature	
Core Courses: Core Compulsory	
Course	**Title**
EEL 402	History of English Literature
EEL 404	Renaissance
EEL 406	Neo-classicism
EEL 423	Literary Theory from Aristotle to Eliot
EEL 501	Romanticism
EEL 502	Victorianism
EEL 503	Modernism
EEL 504	Post Modernism
EEL 511	Modern Literary Theory
EEL 512	Indian Writing in English
Core Courses: Core Open	
EEL 418	Studying the Canon: Shakespeare
EEL 505	Life Writings

EEL 506	Literature of the Indian Sub-Continent
EEL 507	Popular Culture and Literature
EEL 510	Literature and Religion
EEL 513	World Classics in English Translation
EEL 499	Dissertation
EEL	Community Lab
Elective courses:	
Specialization I: British, American and African Literature	
EEL 434	Twentieth Century British Literature
EEL 433	American Literature
EEL 515	African Literature
EEL 499	Dissertation
Specialization II: Asian, Caribbean, Australian & Canadian Literature	
EEL 426	Asian Literature
EEL 508	Caribbean Literature
EEL 509	Australian Literature
EEL 514	Canadian Literature
EEL 499	Dissertation
Elective Courses (Open)	
EEL 407	World Literature : Concept & Major texts
EEL 408	Literature and Gender : Global Perspectives
EEL 409	Immigrant and Diasporic Writings
EEL 410	Literature and Filmic Representation
EEL 415	Introduction to Comparative Literature
EEL 416	Introduction to Translation Studies
EEL 417	Writings From The Margins
EEL 429	Oral and Folk Narratives
EEL 432	Mystical Literature in English Translation
EEL 441	Science Fiction
Foundation Courses: Skill Development	
EEL 411	Advanced Reading and Comprehension
EEL 412	Academic Writing
EEL 413	Advanced Analytical English
EEL 414	Advanced Oral Communicative Skills in English
Foundation Courses: Human Making	
EEL 417	Writings From The Margins
EEL 438	Short Stories from Around the World
M. Phil/Ph.D Programme	

5. Department of Earth and Environmental Sciences

MSc Environmental Science	
Core Courses: Core Compulsory	
Course	**Title**
ENV 402a	Introduction to Earth Processes
ENV 403	Environmental Chemistry
ENV 434	Fundamentals of Ecology and Environment
ENV 516	Atmospheric Science

ENV 435	Environmental Sciences Laboratory – I
ENV 404	Energy and Environment
ENV 408	Biodiversity and Wild Life Management
ENV 432	Introduction to Statistical Techniques
ENV 424	Fundamentals of Remote Sensing
ENV 422	Basics of Natural Resource Conservation
ENV 436	Environmental Sciences Laboratory – II
ENV 524	Environmental Impact Assessment
ENV 571	Remote Sensing and GIS Lab
ENV 575	M.Sc. Dissertation
ENV 537	Environmental Engineering
Core Courses: Core Open	
ENV 523	Toxic and Hazardous Waste Management
ENV 569	Environmental Pollution and Health issues
ENV 535	Natural Hazards
ENV 525	Environmental Geochemistry
ENV 553	Environmental Thermodynamics
ENV 572	Land Use Planning
ENV 573	Water Resource Management
ENV 557	Bio-resources and Environmental Biotechnology
ENV 412	Analytical Technique
ENV 574	Bio Analytical Techniques
ENV 576	Introduction to Environmental System Analysis
Elective Courses: Elective Specialization	
Elective (Specialization) Group [A]: Physicochemical	
ENV 559	Environmental Geophysics
ENV 521	Geo Engineering
ENV 411	Waste Management
ENV 577	Carbon Management
ENV 613	Atmospheric Physics
ENV 611	Atmospheric Chemistry
ENV 578	Introduction to Glaciology
ENV 579	Recent Trends in Glaciology
Elective (Specialization) Group [B]: Biochemical	
ENV 411	Waste Management
ENV 577	Carbon Management
ENV 550	Microbial Ecology
ENV 409	Environmental Microbiology
ENV 578	Recent Trends in Environmental Biotechnology
ENV 410	Environmental Biotechnology
ENV 611	Atmospheric Chemistry
ENV 578	Introduction to Glaciology
Elective Courses: Elective Open	
ENV 536	Disaster Management
ENV 564	Near Surface Geophysics
ENV 431	Environmental Data Analysis
ENV 404	Energy and Environment
ENV 408	Biodiversity and Wildlife Management
ENV 522	Ecosystem Diversity

ENV 424	Fundamentals of Remote Sensing
ENV 537	Environmental Engineering
ENV 423	Basics of Computer Applications and Statistical Techniques
ENV 501	Environmental Pollution and Human Health
ENV 425	Application of Remote Sensing and GIS
Foundation Courses: Human Making and Skill Development	
ENV 508	Environmental Ethics
ENV 411	Waste Management
M. Phil/Ph.D Programme	

6. Department of Hindi & Indian Languages

MA Hindi	
Core Courses: Core Compulsory	
Course	**Title**
HIL 440	Hindi Sahitya ka Itihaas: Aarambh se Reetikaal Tak
HIL 401	Khadi Boli ke Purv ka Kavya:Neeti Kavya Ram Kavya, Krishna Kavya, Sufi
HIL 408	Hindi ki Utpatti, Vikas aur Bolian: Purani Hindi, Dakkini, Bhasha Parichay
HIL 410	Kahani
HIL 430	Sahityik Siddhant:Prachin
HIL 442	Pashchatya Sahitya Sindhant
HIL 409	Upanyaas
HIL 444	Swatantrayottra Hindi Kavya
HIL 510	Adikaleen Sahitya
HIL 447	Reetikavya
HIL 417	Naatak aur Rangmanch: Hindi Natak, Natya Roopantar, Other Languages on Hindi Literature
Core Courses: Core Open	
HIL 406	Khadi Boli ka Kavya: Hindi ki Lambi Kavitayen
HIL 403	Khadi Boli ka Kavya: Rashtra aur Kavita
HIL 503	Vimarsh Vishleshan (Discourse Analysis)
HIL 426	Tulnatmak Sahitya:Hindi aur Bhartiya Sahitya
HIL 431	Sahityik Siddhant: Aadhunik aur Samkaleen
HIL 404	Khadi Boli ka Kavya: Prakriti Kavya
HIL 446	Nibandha
HIL 441	Hindi Sahitya ka Itihaas: Aadhunik Kaal
Elective Courses: Elective Specialization	
Specialization I: *Sahityakaar evam Sahityik Vidha*	
HIL 448	Hindi ke kisi ek Sahityakar ka Vishesh Adhyayan
HIL 449	Hindi Sahitya ki kisi ek Vidha ka Vishesh Adhyayan
HIL 501	Shodh Padhyati (Research Methodology)
HIL 504	Antah Pathiyata (Inter-Textuality)
HIL 499	MA Dissertation
Specialization II: *Haashiye ke Sahitya*	
HIL 420	Stri Lekhan
HIL 419	Dalit Lekhan:Vimarsh, Srijnatmak
HIL 508	Gender aur Lekhan
HIL 422	Lok Sahitya

HIL 449	Hindi Sahitya ki kisi ek Vidha ka Vishesh Adhyayan
HIL 499	MA Dissertation
Elective Courses: Elective Open	
HIL 450	Hindi ka Lokpriya Sahitya
HIL 451	Hindi Geet, Navgeet aur Ghazal
HIL 423	Hindi aur Jan Sanchaar Madhyam (including New Media)
HIL 418	Hindi Sahitya aur Cinema:Hindi ki Kritiyon aur Sahityakaron par film
Foundation Courses: Human Making	
HIL453	Sahitya aur Vyaktitva Vikas
HIL 458	Sahitya men Manaveeya Moolya
Foundation Courses: Skill Development	
HIL 429	Hindi ka Sarvjanik Kshetra
HIL 445	Patkatha Lekhan (Kathatmak evam Gair-Kathatmak)
HIL 434	Urdu Bhasha aur Sahitya Ka Parichayatmak Adhyayan
Integrated M. Phil- Ph.D Programme: PhD	

7. Department of Sanskrit & Pali

BA Sanskrit Honours	
Core Courses: Core Compulsory	
SKT 101	Vedevam Vedic Sahitya
SKT 102	Vyakaran
SKT 103	BhashaSampreshan
SKT 104	Sahitya
SKT 105	Jyotish
SKT 106	Dharamshastra
SKT 107	Ayurveda
SKT 108	Arthashastra
SKT 109	Neetishastra
SKT 110	Purana: Bhagvadpurana (DashamSkandh)
SKT 111	AitihasikMahakaavya
SKT 112	Meghdoot
SKT 113	Karmamimansa
SKT 114	Natak: Mrichhakatikam
SKT 115	Kiratarjuniam
SKT 116	Arvacheen Sanskrit Sahitya
Core Courses: Core Open	
Course	**Title**
SKT 130	GeetaevamPrabandhan Shastra
SKT 131	Nyaya Vyavastha
SKT 132	RajyaVyavastha
SKT 133	Arthavyavastha
SKT 134	Shanti Shiksha
SKT 135	ParyavarnaMimansa
SKT 136	Katha Sahitya
SKT 137	Chhatra Sanskriti
Elective Courses: Elective Specialization	
Specialization I: Vedic Vaangmaya	

SKT 140	Vedic Samhita
SKT 141	Brahmana Granthah
SKT 142	AaranyakaevamUpanishada
Specialization II: Darshana	
SKT 150	Shadadarshan
SKT 151	Buddha evamJainaDarshan
SKT 152	PashtyaDarshan
Specialization III:Vyakarna	
SKT 160	LaghuSidhantaKaumudi-I
SKT 161	LaghuSidhantaKaumudi-II
SKT 162	LinganushasanamevamPaaniniShksha
Specialization IV: Saahitya	
SKT 170	Natyashastra
SKT 171	Kavyashastra
SKT 172	Gadya, PadyaevamNatak: Harshacharitam (1-2 Uchhavasa); Naishadhiyacharitam (PrathamSarga), Abhigyanshakuntalam
Elective Courses	
SKT 180	Bhartiya Kala evamShilpa
SKT 181	BharatiyaSangeet
SKT 182	BharatiyaRanga Mancha
SKT 183	SanganakVigyana
SKT 184	BharatiyaSanskritikeVibhinnaAayaam
SKT 185	Sanskrit SahityaKaItihaas
SKT 186	BharatiyaDarshanakiRooprekha
SKT 187	Shrimad bhagvadgeetamein Jeevan Drishti
SKT 188	Sanskrit kaVyavaharikPaksha
SKT 189	PaliBhashaevamSaahitya
SKT 190	PaaliBhashakaYogdan
SKT 191	SanskritikParyatan
SKT 192	ParyavaranSanrakshan
SKT 193	Sanskrit Patrakarita
SKT 194	PrachyaShkshanPaddhati
Foundation Courses: Human Making	
SKT 210	Sanskrit SahityameinManavMoolya
SKT 211	Sanskrit VaangmayameinSahastitva
SKT 212	Sanskrit VaangmayameinSarvasamaveshita
SKT 213	Sanskrit VaangamayameinAkhandYog
Foundation Courses: Skill Development	
SKT 201	Sanskrit Sambhashana
SKT 202	Sanskritbhashanaipunyama
SKT 203	Kaavyapaath
M. Phil/Ph.D Programme	
MA Sanskrit	
Core Compulsory	
SKT 301	Bhasha Kaushal
SKT 302	Vedic Samhita evamSahitya
SKT 303	VyakaranevamBhashaVigyan
SKT 304	Sanskrit Natak
SKT 305	Sanskrit Kaavya

SKT 306	Sanskrit Gadya
SKT 307	Sanskrit SahityameinSabhyataevamSanskriti
SKT 308	Sanskrit Katha Sahitya
SKT 309	Sanskrit GeetiKaavyaevamChampu
SKT 310	ChhandolankaarevamKaavyasaundarya
Core (Open Courses)	
SKT 320	VaishwikSandarbhmein SanskritSahitya
SKT 321	Panini VyakarankiVaigyanikta
SKT 322	Sanskrit VanngmayameinParyavarnaChetana
SKT 323	PauranikSahityameinLok Jeevan
SKT 324	LoktantrikVyavasthakaAadhaar: KautilyakaArthashastra
SKT 325	JyotishshastrameinLok Jeevan kiUpadeyata
ELECTIVE (SPECIALIZATION)	
Specialization I: Vedik Vaangmaya	
SKT 340	RhiksamhitaevamNirukta (1-3 Adhyaya)
SKT 341	Rigveda BhashyaBhumikaevamNirukta (4-ant tak)
SKT 342	Artharva Samhita evam Brahmana
SKT 343	UpanishadaevamShraut Sutra
Specialization II: SahityaevamSaundaryashastra	
SKT 350	Dhwanishastra
SKT 351	RasSiddhanta
SKT 352	Natyashastra
SKT 353	Alankarashastra
Specialization III: VyakarnaevamBhasha-Vigyan	
SKT 360	Siddhantakaumudi--Poorvardha
SKT 361	Siddhantakaumudi--Uttarardha
SKT 362	Mahabhashya (1-5 Aahnika)
SKT 363	VyakaranaDarshanevamBhashaVigyaan
Specialization IV: Jyotishvigyaanam	
SKT 370	JyotishshastrakaUdbhav, VikaasevamKhagolvigyaan se Antahsambandh
SKT 371	JyotishshastrakePravartak, SiddhantevamJatakPaddhati
SKT 372	BhartiyaKundaliVigyaan, GolParibhaasha
SKT 373	Granthadhyayan: SooryaSiddhant, LaghuParashari, Aryabhattiyam, Saaravali
Specialization V: BhartiyaevamPashtyaDarshan	
SKT 375	TarkaSangraha, Vedanta Saar
SKT 376	SaankhyakarikaevamArthasangraha
SKT 377	YogdarshanevamPramanyavaad
SKT 378	BhartiyaevamPashtyaDarshan: EkTulnatmak Adhyayan
Elective Courses	
SKT380	PaurvatyaevamPashtyaKaavyashastra
SKT 381	Aadhunik Sanskrit Sahitya
SKT382	AdhuniksamajmeinDharamshastronkiPrasangikta
SKT 383	VedikPrishthabhumimeinPranievamSrishtiVigyaankaMahatva
SKT384	Sanskrit SahityaevamSamajshastra
SKT 385	KaishoryaShikshameinNeetishastrakiUpadeyata
SKT386	Sanskrit VaangmayameinNaariChetana
SKT 387	VyaktitvaVikasevamShrimadbhagvatgeeta
SKT388	BhartiyaDarshanevamPrabandhan
SKT 389	SvasthaSamajmeinYogkiAnivaaryata

SKT 390	Sanskrit SahityameinAadhyaatmikChintan
SKT 391	VishwashaantikeLiyeAadhyatmikShikshakiUpadeyata
Foundation Courses: Human Making	
SKT 210	Sanskrit VaangmayameinNaitikMoolya
SKT 211	VyaktitvaVikaasYojana
SKT 212	Yoga evamVyaktitvaNirmaan
SKT 213	Vishya-PrastutievamVyaktitvaVikaas
Foundation Courses: Skill Development	
SKT 201	SrijnatmakLekhan
SKT 202	**VaakchaaturyaevamVaad-vivaad**
SKT 203	SrijnatmakSampreshan

8. Department of Journalism & Creative Writing

MA (*Journalism & Creative Writing*)	
CORE COMPULSORY	
JCW 404	News Report Writing
JCW 414	Principles of Mass Communication
JCW 547	Development Communication
JCW 405	Computer Applications for Journalism
JCW 536	Writing for Journalists
JCW 412	Designing & Editing in Print Media
JCW 502	Photo Journalism
JCW505	Advertising
JCW 547	Mass Media Research
JCW530	Media Internship
CORE OPEN	
JCW407	Media Management and News Paper Production
JCW406	Feature and Creative Writing
JCW507	Film Appreciation
JCW521	Media Laws &Ethics of Journalism
JCW529	Editorial Writing
JCW543	Intercultural Communication
JCW403	Evolution of Communication and Journalism
JCW522	Media and Human Rights
JCW556	Communication Models and Theories
JCW555	History of Journalism
Specialization Group-1 Advanced Media Studies	
JCW504	Public Relations
JCW502	Web Journalism
JCW539	Basics of Corporate Communications
JCW535	Women and Media
Specialization Group-2 New Media and Film Studies	
JCW540	Data Journalism
JCW553	Visual Communications
JCW537	Online Advertising
JCW538	History of Indian Film
JCW542	Indian Parallel Cinema

JCW551	Writing Screenplays
Specialization Group-3 Specialized Journalism Genres	
JCW509	Political Journalism
JCW510	Legislature Journalism
JCW512	Crime Journalism
JCW513	Business Journalism
JCW514	Environment Journalism
JCW515	Art and Culture Journalism
JCW516	Celebrity Reporting Journalism
JCW517	Film Journalism
JCW518	Life Style Journalism
JCW519	Sports Journalism
JCW520	Citizen Journalism
ELECTIVE OPEN	
JCW548	Blogging
JCW408	Media and Gender
JCW402	Development Communication
JCW523	Media and Social Issues
JCW535	Women and Media
JCW528	Science and Environment Journalism
JCW551	Writing Screenplays
HUMAN MAKING	
JCW408	Media and Gender
SKILL DEVELOPMENT	
JCW548	Blogging
JCW406	Feature and Creative Writing
JCW529	Editorial Writing
M. Phil/Ph.D Programme	

9. Department of Library and Information Sciences

M Lib Sc	
Core Courses: Core Compulsory	
Course	**Title**
LIS 404	Foundation of Library and Information Science
LIS405A	Library Cataloging (Theory)
LIS406A	Knowledge Organization and Information Processing)Practical(;Cataloguing
LIS407A	Library Classification (Theory)
LIS408	Knowledge Organization and Information Processing)Practical(;Classification
LIS410	Fundamentals of Information and Communication Technology
LIS411A	Management of Libraries and Information Centers
LIS501A	Library Automation and Networks (Theory)
LIS502A	Library Automation and Networks (Practical)
LIS530	Foundation of Digital Library
Core Courses: Core Open	
LIS 401A	Information Literacy
LIS 402A	Web Designing and hosting (Lab)
LIS 403	Accessing Web Based Information Resources

LIS 409	Collection Management
LIS412	Internship
LIS414A	Information Sources and Services
LIS 415	Knowledge Society
LIS416A	Information Retrieval
LIS 417	Information Technology and Information Security
LIS 419	Management of Digital Information Resources and Services
LIS 421	Electronic Reference Works and Digital Reference Service
LIS 424	Open Sources Software)OSS (Applications
LIS 503	Digital Library
LIS 505A	Electronic Publishing and Content Management (Lab)
LIS 506	Information Products, Analysis, Consolidation and Repackaging
LIS 507	Community Lab for Library and information Science
LIS 508	Perspectives on Library and Information Science Research
LIS 509	Knowledge Management
LIS 510A	IPRS in Digital Era
LIS 511	Users Information Seeking Behavior
LIS 512	Information systems and services
LIS 514	Marketing of information services
LIS 531	Digital Library –Advanced (Theory)
LIS 532	Digital Library Development (Practical)
LIS 533	Digital Library Management
LIS 597	Research methodology for LIS
LIS 598	Dissertation /Project
LIS 601	Accessing Web Based Information Resources and Services
LIS 603	Information Retrieval :Search Engines
LIS 604	Information Retrieval :Digital Libraries
LIS 605	Current Trends in Library & Information Science
LIS 613	Emerging information Scenario and Re -Emerging of Library& Information Services
LIS 408A	Colon Classification –Practice
Elective Courses Elective Specialization	
Specialization-1 Types of Library Systems	
LIS 516A	Public Library system
LIS 517A	Academic Library system
LIS 518A	Research and Technical library system
Specialization -2 Information System	
LIS 515A	International Information systems
LIS 607A	Agriculture information system
LIS 606A	Health information system
LIS 608A	Legal Information system
LIS 611A	Engineering and Technological Information Systems and Services
Specialization-3 Information Resources and Services	
LIS 523	Business Information Resources and Services
LIS 520	Social Informatics
LIS 524	Community Information Services
LIS 431	Collection Development In Digital Libraries
LIS 430	Information Access and Services
LIS 612	Financial Information Sources and Services

Specialization -4 Knowledge Management; Tools and Technologies	
LIS 614	Libraries and Information services in the Knowledge Economy
LIS 519	Library database management
LIS 432	Metadata)Theory & Practice(
LIS 596	Semantic Web Technologies for LIS
LIS 525A	Web-based Library and Information Services
LIS 610	Knowledge Management in the Corporate Sector
Elective Courses Elective Open	
LIS 418A	Digital Preservation and Digital Rights
LIS 521	Information Architecture & Web Analysis
LIS 602	E-Governance Information Systems
LIS 609A	Bibliometrics, Informetrics and Scientometrics
Foundation Courses Skill Development	
LIS-430	Web Designing and Hosting (Basics)
LIS425	Financial Information literacy
LIS426	Basics of Computers
LIS427	Advances In ICTs
LIS 422	Media and Information Literacy
LIS-431	Big Data Analytics
Foundation Courses Human Making	
LIS428	Ethical use of information and IPR issues
LIS429	Knowledge based life Coaching and Human Development
M. Phil/Ph.D Programme	

10. School of Business and Management Studies

MBA	
Core Courses: Core compulsory	
Core Courses: Core Open	
Course	**Title**
MSO 410	Business Communication
CSR 403	Corporate Governance & Social Responsibility
HRM 411	Diversity and Cross Cultural Management
MSC 520	Internet Based Marketing
MSC 405	Integrated Marketing Communication
MIB 411	International Business Environment
MSO 414	Management Information System
MSO 401	Management Principles & Functions
COD 404	Organizational Development
AFA 502	Project Management
MSC 508	Customer Relationship Management
AFA 411	Management of Financial Institutions
POM 505	Total Quality Management
AFA 512	Investment Analysis and Portfolio Management
HRM 507	Conflict Management and Negotiation Skills
MSO 415	Community Lab: Management in Action *
HRM 408	Organizational Theory, Design and Effectiveness
HRM 409	Leadership- Concept and Theories

MSO 416	Management Theory and Practice
MSO 409	Field Work / Survey / Development of Case Study / *
* Any one course out MSO 415 and MSO 409 only	
Elective Courses: Elective Specialization Group I: Accounting & Finance	
AFA 543	Management of Financial Services
AFA 405	Merchant Banking and Financial Services
AFA 409	Banking Operations and Procedures
AFA 411	Management of Financial Institutions
AFA 413	Behavioral Finance
AFA 415	Stock Market Operations
AFA 427	Tax Management
AFA 429	Financial Economics
AFA 433	Contemporary Auditing
AFA 448	Statistical and mathematical tools for Finance
AFA 504	Financial Derivatives
AFA 507	Working Capital Management
AFA 508	Mergers and Acquisitions
AFA 509	Management of Mutual Funds
AFA 511	Financial Engineering
AFA 512	Investment Analysis and Portfolio Management
AFA 519	Strategic Financial Management
AFA 524	Options, Futures and other Derivatives
AFA 525	Fundamentals of Investments
AFA 526	Bond Markets Analysis and Strategies
AFA 529	Quantitative Finance
AFA 530	Financial Econometrics
AFA 532	Foreign Exchange Risk Management
AFA 536	International Financial Management
AFA 506	Enterprise Risk Management
AFA 408	Insurance Management
AFA 404	Personal Finance
Elective Courses: Elective Specialization Group II: Marketing & Supply Chain Management	
MSC 402	Service Marketing
MSC 404	Industrial Marketing
MSC 405	Integrated Marketing Communication
MSC 408	Supply Chain Management
MSC 501	Social Marketing
MSC 502	Marketing Research
MSC 520	Internet Based Marketing
MSC 505	Product and Brand Management
MSC 507	Rural Marketing
MSC 508	Customer Relationship Management
MSC 509	Green Marketing
MSC 514	Sales and Distribution Management
MSC 422	Global SCM and International Logistics
MSC 432	Service Quality Management
MSC 439	Mobile Based Marketing
MSC 440	Retail Management
MSC 442	Advertising Management

MSC 522	Web Based Advertising
MSC 528	Agri-business and Marketing
MSC 510	Advertising Research
MSC 513	Enterprise Resource Planning (ERP)
MSC 516	Current Issues and Emerging Challenges in Marketing
Elective Courses: Elective Specialization Group III: Human Resource Management	
HRM 405	Career and Succession Planning
HRM 406	HR Balanced Score Card
HRM 407	Emotional Intelligence
HRM 408	Organizational Theory, Design and Effectiveness
HRM 409	Leadership- Concept and Theories
HRM 410	Personality Development and Career Management
HRM 411	Diversity and Cross Cultural Management
HRM 501	Individual and Group Processes
HRM 502	Management of Industrial Relations
HRM 504	Social Security and Labour Welfare
HRM 505	Counseling Skills
HRM 507	Conflict Management and Negotiation Skills
HRM 506	Power and Politics in Organizations
HRM 508	Compensation Management
HRM 509	Performance Management- Systems & Strategies
HRM 511	Strategic HRM
HRM 512	Industrial Psychology
HRM 513	Labour Laws
HRM 515	International HRM
HRM 517	HRD Audit
HRM 518	Competency Mapping
HRM520	Leadership in Asian Philosophy
HRM 525	Organizational Transformation and Development
Elective Courses: Elective Specialization Group IV: Entrepreneurship	
EDM 402	New Venture Creation
EDM 404	Entrepreneurial Support System
EDM 405	Management of MSME
EDM 406	Managing Creativity, Innovation & Incubation
EDM 407	Entrepreneurship Training -Tools and Techniques
EDM 408	Entrepreneurship Development - Recent Trends
EDM 409	Entrepreneurial Competency & Motivation
EDM 410	Entrepreneurial Succession Planning
EDM 411	Managing Small & Family Business
EDM 412	Agri Business Management
EDM 413	Entrepreneurship Development
EDM 415	Small Business Management
EDM 416	Real Estate Management
EDM 417	Micro Finance
EDM 418	Entrepreneurial Finance
EDM 501	Social Entrepreneurship
EDM 502	Selection and Management of Handicrafts enterprise
EDM 503	Enterprise Establishment and Management
EDM 504	Business Plan and Project Implementation

EDM 505	Financing New Ventures
EDM 506	Venture Capital & Private Equity
EDM 507	Managing Corporate Turnarounds
The students shall have the choice to select one of the four baskets of courses out of the following groups. Further the students shall have choice of selecting 16 credits from chosen basket or specialization area.	
Elective Courses: Interdisciplinary Courses	
MSO 401	Management Principles and Function
AFA 404	Personal Finance
MSC 440	Retail Management
MSC 509	Green Marketing
HRM 507	Conflict Management and Negotiation Skills
HRM 410	Personality Development and Career Management
AFA 411	Management of Financial Institutions
MSC 520	Internet Based Marketing
MIB 411	International Business Environment
HRM 401	Organizational Behaviour
Note: School of Business and Management Studies shall offer the following courses at University Wide to be taken by the students of other Schools.	
Foundation Courses: Human Making	
CSR 401	Human Values and Ethics
CSR 405	Self-Management and Development
CSR 406	Life & Career Planning
CSR 407	Inter Personal Effectiveness
CSR 408	Leadership Development
Foundation Courses: Skill Development	
MSC 412	Personal Selling & Salesmanship
EDM 503	Enterprise Establishment and Management
HRM 525	Employability Skills
AFA 404	Personal Finance
MSC 520	Internet Based Marketing
EDM 403	Success Stories of Entrepreneurs and Managers
AFA 415	Stock Market Operations
EDM 406	Managing Creativity, Innovation & Incubation
AFA 543	Management of Financial Services
M. Phil/Ph.D Programme	

11. Department of Mathematics

MSc Mathematics	
Core Courses: Core Compulsory	
Course	**Title**
MTH 403	Linear Algebra
MTH 404	Abstract Algebra
MTH 406	Real Analysis
IAM 401	Complex Analysis
IAM 402	Ordinary and Partial differential Equations
IAM 405	Fluid Dynamics

IAM 407	Differential Geometry
MTH 501	Topology
MTH 405	Lebesgue Measure and Integration
MTH 510	Number Theory
Core Courses: Core Open	
IAM 406	Theory of Elasticity
IAM 413	Introduction to Fourier Analysis
MTH 410	Fundamentals of Statistics
MTH 411	Introduction to Projective Geometry
MTH 412	Introduction to Non-Euclidean Geometry
MTH 413	Probability Theory
MTH 503	Discrete Mathematics
MTH 504	Mechanics
IAM 503	Mathematical Analysis
MTH 508	Graph Theory
MTH 512	Introduction to Algebraic Topology
IAM 506	Finite Element Methods
IAM 516	Spectral Methods
IAM 517	Mesh Free Methods
IAM 410	General Relativity and Cosmology
IAM 526	Integral Equations and Boundary Value Problems
MTH 606	Principle of Mathematics and Techniques
MTH 516	Introduction to Representation Theory
MTH 609	Advanced Algebra
MTH 619	Mechanics of Fluids
MTH 620	Group Analysis of Differential Equations
Elective courses: Specialization –I	
IAM 403	Numerical Analysis
IAM 404	Mathematical Methods
IAM 409	Applied Algebra
IAM 501	Functional Analysis
IAM 502	Applied Numerical Analysis
MTH 407	Numerical Methods
IAM 408	Mathematical Modelling
IAM 507	Wavelet Theory
IAM 508	Image Processing
IAM 509	Robotics and Control
IAM 510	Artificial Intelligence
IAM 511	Computer Aided Design
IAM 514	Data Base Management
IAM 518	Optimization Techniques
IAM 519	Data Structure Techniques
MTH 502	Operational Research
MTH 623	Introduction Algebraic Geometry
MTH 519	Introduction to Commutative Algebra
MTH 520	Field Theory and Galois Theory
MTH 521	Introduction to Ellipitic Curve
MTH 522	Analytic Number Theory
IAM 521	Advanced Fluid Dynamics

MTH 590	M. Sc. Dissertation
IAM 602	Computational Methods
IAM 603	Applied Functional Analysis
IAM 604	Advanced Mathematical Methods
IAM 606	Fractional Differential Equations
MTH 607	Coding Theory & Applications
MTH 608	Advanced Complex Analysis
MTH 610	Algebraic Number Theory
MTH 611	Advanced Topics in Topology and Analysis
MTH 614	Differentiable Structures on Manifolds
MTH 615	Algebraic Curves
MTH 616	Projective Representations of the Symmetric Groups
MTH 617	Banach Algebras
MTH 618	Differentiable Manifolds and Lie groups
MTH 408	Partial Differential Equations and Integral Equations
MTH 409 A	Complex Analysis
Elective courses: Specialization –II	
MTH 507	Approximation Theory
MTH 511	Numerical Mathematical Analysis
MTH 550	M. Sc. Project
IAM 505	Mathematical Modelling and Simulations
IAM 550	Project and Seminar based on Practical Training with Industry
Elective courses: Elective Open	
MTH 401	Ordinary Differential Equations
MTH 402	Partial Differential Equations
MTH 613	Category Theory
MTH 517	Stochastic Differential Equations
MTH 505	Fuzzy Sets and Fuzzy Systems
IAM 512	Queues and Reliability
IAM 513	Computer Graphics
IAM 515	Bio-Mathematics
MTH 514	Global Differential Geometry
MTH 515	Non-Commutative Rings
MTH 624	Commutative Algebra
MTH 625	Introduction to Homological Algebra
MTH 626	Galois Theory
MTH 621	Categories and Modules
Foundation Courses: Human Making	
MTH 549	Community Lab
IAM 520	Theory of Vibrations
IAM 598	Project
MTH 528	Introduction to Rigorous and Precise Thinking
MTH 529	Basics of Propositional Logic
Foundation Courses: Skill Development	
IAM 504	Computer Applications
MTH 506	Software Lab
IAM 524	Mathematical Packages
IAM 523	Special Functions
IAM 411	Mathematics for Social Sciences

IAM 412	Vedic Mathematics
IAM 414	Introduction to Geometry
IAM 415	Elementary Number Theory
IAM 416	Computational Number Theory
IAM 525	Financial Mathematics
MTH 527	Introduction to Mathematical Statistics
M. Phil/Ph.D Programme	

12. Department of Mass Communication & Electronic Media

MA (Mass Communication & Electronic Media)	
Core Courses: Core Compulsory	
Course	**Title**
MCE 401	Mass Communication Theories and Processes
MCE 402 A	Origin and Growth of Electronic and New Media
MCE 403	Reporting and Editing
MCE 407	Communication Research
MCE 408	Writing for New Media
MCE 412	Economics of New Media Communication
MCE 425	Audio and Video Fundamentals
MCE 501	Introduction to Radio and Television Production
MCE 502	Video Editing/Online Editing
MCE 511	Media Production Techniques
MCE 518	Media Internship
Core Open Courses	
MCE 410	Social Networking
MCE 417	Digital Technology Divide and Social Inclusion
MCE 432	Contemporary Editing Trends in Cinema
MCE 507	Mobile Communication
MCE 512	Multimedia Production
MCE 517	Production Management
MCE 521	Participatory Communication Approaches for Development
MCE 423	Media Appreciation
MCE 519	Media Anthropology
MCE 520	Health Communication
Elective Specialization	
Specialization I: Television and Visual Studies	
MCE 514	Television production
MCE 525	Media product i (television news production)
MCE 515	Film production
MCE 527	Media products iii (documentary/short film production)
Specialization II: web and mobile production	
MCE 516	Internet and mobile production
MCE 430	Mobile advertising
MCE 424	Etics and laws on digital frontier
MCE 528	Media products iv (web content production)
MCE 529	Media products v (mobile content production)

Courses of Elective Open	
MCE 419	Social and Cultural Context of Communication
MCE 505	New Media Tools for Social Change
MCE 522	Political Communication
MCE 415	ICT and Health
Foundation Courses: Human Making	
MCE 413	New Media and Social Change
MCE 416	e-Education and Learning
MCE 431	Social Media and Citizen Engagement
MCE 414	ICT in Governance
Foundation Courses: Skill Development	
MCE 406 A	Web Technologies and Applications
MCE 421	Community Media
MCE 437	Basics of Videography
MCE 438	News Anchoring and Voice Over
Integrated M. Phil- Ph.D Programme: PhD	

13. Department of Physics and Astronomical Sciences

B. Sc. Physics Honours and M.Sc. Physics	
Core Courses: Core Compulsory	
PAS 101	Mathematical Physics-I
PAS 101 L	Mathematical Physics-I Lab
PAS 102	Mechanics
PAS 102 L	Mechanics Lab
PAS 103	Electricity and Magnetism
PAS 103 L	Electricity and Magnetism Lab
PAS 104	Waves and oscillations
PAS 104 L	Wave and oscillations Lab
PAS 201	Mathematical Physics-II
PAS 201 L	Mathematical Physics Lab-II
PAS 202	Thermal Physics
PAS 202 L	Thermal Physics Lab
PAS 203	Digital Systems and applications
PAS 203 L	Digital Systems and applications Lab
PAS 204	Optics
PAS 204 L	Optics Lab
PAS 205	Elements of Modern Physics
PAS 205 L	Elements of Modern Physics Lab
PAS 206	Analog Systems and applications
PAS 206 L	Analog Systems and applications Lab
PAS 301	Quantum mechanics
PAS 301 L	Quantum mechanics Lab
PAS 302	Solid State Physics
PAS 302 L	Solid State Physics Lab
PAS 303	Electromagnetic Theory
PAS 303 L	Electromagnetic Theory Lab
PAS 304	Statistical Physics

PAS 304 L	Statistical Physics Lab
Core Courses: Core Open	
PAS 211	Electronics
PAS 211 L	Electronics Lab
PAS 212	Mathematical Physics
PAS 212 L	Mathematical Physics Lab
Core Open (CO) Courses of the concerned Departments being Offered to the B.Sc. (Physics/ Honour's) Students during 3 Year Degree Course:	
Core Courses: Core Open	
CCS 101	Chemistry-I
CCS 101 L	Chemistry Lab-I
CCS 102	Chemistry-II
CCS 102 L	Chemistry Lab-II
MTH101	Algebra
MTH101 T	Algebra Tutorial
MTH102	Calculus
MTH102 T	Calculus Tutorial
CSI-211	Computer Programming
CSI-211 L	Computer Programming Lab
Elective Courses: Elective Open	
PAS 101	Mathematical Physics
PAS 102	Mechanics
PAS 103	Electricity and Magnetism
PAS 104	Waves and Optics
PAS 202	Thermal Physics
PAS 203	Digital, Analog and Instrumentation
PAS 205	Elements of Modern Physics
PAS 301	Quantum Mechanics
PAS 302	Solid State Physics
PAS 310	General Properties of Matter
Elective Courses: Elective Specialization	
PAS 210	Seminar
PAS 311	Experimental Techniques
PAS 311 L	Experimental Techniques Lab
PAS 312	Embedded systems- Introduction to Microcontroller
PAS 312 L	Embedded systems- Introduction to Microcontroller Lab
PAS 313	Physics of Devices and Communication
PAS 313 L	Physics of Devices and Communication Lab
PAS 314	Advanced Mathematical Physics-I
PAS 314 L	Advanced Mathematical Physics-I Lab
PAS 315	Advanced Mathematical Physics-II
PAS 315 T	Advanced Mathematical Physics-II Tutorials
PAS 316	Classical Dynamics
PAS 316 T	Classical Dynamics Lab
PAS 317	Applied Dynamics
PAS 317 L	Applied Dynamics Lab
PAS 318	Nuclear and Particle Physics
PAS 318 T	Nuclear and Particle Physics Tutorials
PAS 319	Astronomy and Astrophysics

PAS 319 T	Astronomy and Astrophysics Tutorials
PAS 320	Nano science and technology
PAS 320 L	Nano science and technology Lab
PAS 321	Physics of the Earth
PAS 321 T	Physics of the Earth Tutorials
PAS 322	Electrodynamics
PAS 322 L	Electrodynamics Lab
PAS 323	Laser Physics
PAS 323 L	Laser Physics Lab
PAS 324	Particle Physics
PAS 324 T	Particle Physics Tutorials
PAS 325	Acoustics and Ultrasonics
PAS 325 L	Acoustics and Ultrasonics Lab
PAS 326	Computational Physics
PAS 326 T	Computational Physics Tutorials
PAS 327	Operational Amplifiers
PAS 327 L	Operational Amplifiers Lab
PAS 328	Microprocessors
PAS 328 L	Microprocessors Lab
PAS 329	Biomedical Physics
PAS 329 L	Biomedical Physics Lab
PAS 330	Radiation Physics
PAS 330 L	Radiation Physics Lab
PAS 331	Material Science and Applications
PAS 331 L	Material Science and Applications Lab
PAS 332	Solid State Electronics
PAS 332 L	Solid State Electronics lab
PAS 350	Innovative Project
PAS 351	Community Connect Project
PAS 352	Project
PAS 353	Summer School Report
Foundation Courses: Foundation Human Making	
PAS 111	Science and society
PAS 112	Environmental Physics
PAS 113	History of Science
PAS 114	Physics and Art of Music
Foundation Courses: Skill Development	
PAS 121	Physics Workshop Skills
PAS 122	Computer programming in Physics
PAS 123	Programming in MS Excel
PAS 124	Nuclear Radiation and Safety
PAS 125	Renewable Energy and Energy Harvesting
MSc Physics	
Core Courses: Core Compulsory	
Course	**Title**
PAS 401	Classical Mechanics
PAS 401A	Classical Mechanics
PAS 402	Mathematical Physics
PAS 402A	Mathematical Physics

PAS 403	Classical Electrodynamics
PAS 403A	Classical Electrodynamics
PAS 404	Quantum Mechanics
PAS 404A	Quantum Mechanics
PAS 406	Statistical Mechanics
PAS 406A	Statistical Mechanics
PAS 407	Advanced Quantum Mechanics
PAS407A	Advanced Quantum Mechanics
PAS 408	Elements of Condensed Matter Physics
PAS 408A	Condensed Matter Physics
PAS 409	Nuclear and Particle Physics
PAS 409A	Nuclear and Particle Physics
PAS 411	Atomic and Laser Physics
PAS 411A	Atomic, Molecular and Laser Physics
PAS 413	General Physics Laboratory
PAS 423	Modern Physics Lab
PAS 426	Quantum Field Theory
PAS 426A	Theory of Quantum Fields
PAS 427	Computational Physics Laboratory
PAS 503	Advanced Condensed Matter Physics
PAS 505	Advanced Nuclear Physics
PAS 521	Atomic & Molecular Physics
PAS 521A	Atomic & Molecular Physics
PAS 524	Advanced Statistical Mechanics
PAS 554	Advanced Modern Physics Laboratory
Core Courses: Core Open	
PAS 402	Mathematical Physics
PAS 402A	Mathematical Physics
PAS 405	Electronic Circuits
PAS 405A	Analog and Digital Electronics
PAS 407A	Relativistic Quantum Mechanics
PAS 412	Semiconductor Devices
PAS 414	Computer Simulations in Physics
PAS 415	Electronics Lab
PAS 421	Advanced Classical Mechanics
PAS 422	Classical Field Theory
PAS 424	Advanced Classical Electrodynamics
PAS 425	Quantum Electrodynamics
PAS 427	Computational Physics Laboratory
PAS 428	Computational Physics
PAS 428A	Computational Physics
PAS 506	General Theory of Relativity
PAS 506A	Theory of General Relativity
PAS 507	Advanced Mathematical Physics
PAS 508	Advanced Laser Physics
PAS 510	Advanced Semiconductor Material and Devices
PAS 511	Semiconductor Microelectronic Technology
PAS 512	Solid State Devices and Circuits
PAS 529	Group Theoretical Physics

Elective Specialization Theoretical Physics	
PAS 509	Advanced Quantum Field Theory
PAS 513	Magnetic Materials
PAS 514	Superconducting Materials
PAS 515	Polymers, Ceramics and Composites
PAS 517	Characterization of Materials
PAS 518	Opto-electronics
PAS 519	Ferroelectric Materials and Devices
PAS 520	Seminar
PAS 524	Advanced Statistical Mechanics
PAS 525	Non-linear Physics
PAS 526	Fourier Optics
PAS 527	Theoretical Nuclear Physics
PAS 528A	Particle Accelerators, Detectors and Reactors
PAS 530	Soft Condensed Matter Physics
PAS 531	Mesoscopic Physics
PAS 532	Quantum theory of Many Body Physics
PAS 533	Advanced Computational Physics Laboratory
PAS 534	Quantum Computing
PAS 535	Quantum Electronics
PAS 538	Celestial Mechanics
PAS 539A	Cosmology
PAS 541	Perspectives of Astrophysics
PAS 542	High Energy Physics
PAS 543	Quantum Chromo-Dynamics
PAS 544	Quantum Flavour Dynamics
PAS 545	Unitary Symmetry in Quantum Physics
PAS 546	Neutrino Physics
PAS 547	Plasma Physics
PAS 548	Project work
PAS 549	Elementary Particles & Interactions
PAS 551	Advanced Computational Physics
PAS 552	Molecular Simulations in Material Science
PAS 553	Standard Model, Higgs Physics & Beyond
Elective Courses: Elective Open	
PAS 410	Physics of Earth Atmosphere
PAS 410A	Physics of Earth & Atmosphere
PAS 429	Vedic Physics
PAS 430	Indigenous Studies in Physics
PAS 431	Physics and Art of Music
PAS 433	Geo-Physics
PAS 434	Science, Technology & Society
PAS 502	Advanced Atmospheric Physics
PAS 504	Engineering Physics
PAS 516	Nano-materials and Technology
PAS 516A	Nano-materials and Technology
PAS 522	Microprocessors and Micro-controllers
PAS 523	Bio-physics
PAS 528	Accelerators and Reactor Physics

PAS 537	Space Physics and Communication
PAS 539	Cosmology
PAS 540	Elements of Astronomy
Elective Courses	
PAS 509	Advanced Quantum Field Theory
PAS 513	Magnetic Materials
PAS 514	Superconducting Materials
PAS 515	Polymers, Ceramics and Composites
PAS 517	Characterization of Materials
PAS 518	Opto-electronics
PAS 519	Ferroelectric Materials and Devices
PAS 520	Seminar
PAS 525	Non-linear Physics
PAS 526	Fourier Optics
PAS 527	Theoretical Nuclear Physics
PAS 528A	Particle Accelerators, Detectors and Reactors
PAS 530	Soft Condensed Matter Physics
PAS 531	Mesoscopic Physics
PAS 532	Quantum theory of Many Body Physics
PAS 533	Advanced Computational Physics Laboratory
PAS 534	Quantum Computing
PAS 535	Quantum Electronics
PAS 538	Celestial Mechanics
PAS 539A	Cosmology
PAS 541	Perspectives of Astrophysics
PAS 542	High Energy Physics
PAS 543	Quantum Chromo-Dynamics
PAS 544	Quantum Flavour Dynamics
PAS 545	Unitary Symmetry in Quantum Physics
PAS 546	Neutrino Physics
PAS 546A	Neutrino Physics
PAS 547	Plasma Physics
PAS 548	Project work
PAS 549	Elementary Particles & Interactions
PAS 551	Advanced Computational Physics
PAS 552	Molecular Simulations in Material Science
PAS 553	Standard Model, Higgs Physics & Beyond
Foundation Courses: Human Making	
PAS 416	History of Physics
PAS 417	Philosophy of Physics
PAS 418	Physics for Everyone
PAS 420	Environmental Physics
PAS 555	Philosophy of Quantum Physics
Foundation Courses: Skill Development	
PAS 418	Physics for Everyone
PAS 419	Science and Technology of Alternative and Renewable Sources of Energy
PAS 432	Ionizing Radiation & Safety Aspects
PAS 501	Simulation and Computer Applications
PAS 536	Informatics

14. Department of Social Work

Master of Social Work (MSW)		
CORE COURSES: *CORE COMPULSORY (Total 40 Credits)*		
SWR 401	Basics of Social Work	
SWR 452	History and Development of Social Work	
SWR 405	Basics of Research Methodology	
SWR 406	Social Case Work	
SWR 407	Social Group Work	
SWR 408	Community Organisation	
SWR 433	Social Policy and Social Welfare Administration	
SWR 454	Social Development and Social Work	
SWR 410	Social Action and Movements	
Field Work		
SWR 460	Field Work Practicum-I	
SWR 461	Field Work Practicum-II	
SWR 501	Field Work Practicum-III	
SWR 502	Field Work Practicum-IV	
CORE COURSES: *CORE OPEN (Total 12 Credits)*		
SWR 402	Contemporary Social Problem	
PBS 401	Dynamics of Human Behaviour	
PBS 402	Human Behaviour & Social Environment	
SOC 401	Understanding Contemporary Society	
SOC 403	Sociology for Social Workers	
SOC 405	Communication for Social Change	
SWR 451	Computer Application for Social Workers	
SWR 453	Community Lab for Social Work	
SWR 423	Block Placement Training	
ELECTIVE COURSES: *ELECTIVE SPECIALIZATION (Total 16 Credits)*		
GROUP-I Social Work in Health and Mental Health (HMH)		
SWR 507	Medical Social Work	
SWR 508	Psychiatric Social work	
SWR 444	Social Work Practice in Alcohol & Substance Abuse	
SWR 449	Counselling Theory and Practice & Stress Coping Mechanism	
GROUP-II Human Resource Development (HRD)		
SWR 511	Social Work in Industry	
SWR 512	Human Resource Development	
SWR 523	Management of Non-Profit Organizations	
SWR 448	Occupational Social Work	
GROUP-III Social Work with Vulnerable People (SVP)		
SWR 515	Social Work with Older Persons	
SWR 517	Social Work with Weaker Sections	
SWR 514	Integrated Child Protection Services	
SWR 436	Social Work Practice with Differentially abled People	

GROUP-IV Social Work with Families & Communities (SFC)

SWR 513	Social Work with Families
SWR 518	Social Work in Urban Communities
SWR 519	Social Work in Rural and Tribal Communities
SWR 520	Livelihoods and Development
ELECTIVE COURSES: *ELECTIVE OPEN (Total 04 Credits)*	
SWR 509	Social Work with People Living with HIV/AIDS
SWR 521	Environment Issues and Social Work
SWR 499	MSW Dissertation
Foundation Courses: *HUMAN MAKING (Total 04 Credits)*	
SWR 434	Social Work and Human Rights (FHM)
SWR 442	Geriatric Social Work Practice
Foundation Courses: *SKILL DEVELOPMENT (Total 04 Credits)*	
SWR 498	Project Formulation & Report Writing
SWR 440	Social Work Practice in Environmental Protection
M. Phil/Ph.D Programme	

15. Department of Teacher Education

MA (Education)	
Core Courses: Core Compulsory	
Course	**Title**
TTR 401	Basics of Education & Philosophy
TTR 403	Basics of Sociology
TTR 405	Psychological Foundation of Education
TTR 406	Research Methods and Statistics in Education
TTR 412	ICT in Education
TTR 423	Field Work Practicum
TTR 402	Philosophical Foundations of Education
TTR 409	Education in Emerging Indian Society
TTR 419	Advanced Educational Psychology
TTR 606	Quantitative Research in Education
TTR 603	Politics & Economics of Education
TTR 612	Curriculum Development
TTR 608	Philosophy of Educational research
TTR 499	Dissertation
TTR 498	Viva Voce
Core courses: Core Open	
TTR 499	Dissertation
TTR 498	Viva Voce
TTR 423	Field Work Practicum – I
TTR 424	Field Work Practicum – II
TTR 612	Curriculum Development
TTR 616	Historical Perspectives of Education in India
TTR 452	Culture, Cognition and Education
TTR 602	Development and Standardization of Research Tools
TTR 603	Politics & Economics of Education
Elective courses: Elective Specializations	

Specialization-I	
TTR 408	Educational Technology
TTR 461	Open Educational Resources
TTR 462	E- Content and Techno pedagogy
TTR 421	Educational Measurement & Evaluation
TTR 412	ICT in Education
Specialization-II	
TTR 411	Education of Children with Special Needs
TTR 427	Inclusive Education: Equity & Diversity
TTR 440	Guidance and Counseling
TTR 437	Disability Studies and Education
TTR 450	Education for Mental health
Note: *Specialization shall only be offered if minimum five students have opted it.*	
Elective courses: Elective Open	
TTR 426	Indian Educational Thought
TTR 442	Human Development & Education
TTR 504	Research Report Writing
TTR 413	Action Research in Education
TTR 456	Peace Education
TTR 409	Education in the Emerging Indian Society
Foundation Courses: Human Making	
TTR 458	Mental Health: Issues and Concerns
Foundation Courses: Skill Development	
TTR 459	Life Skills
M. Phil/Ph.D Programme	

16. Department of Travel and Tourism

MBA(Specialisation in Travel and Tourism)	
Core Courses: Core Compulsory	
Course	**Title**
TTM 420	Emerging Trends
TTM 427	Managerial Economics for Tourism
TTM 422	Introduction to Hotel Management
TTM 410	Event Management
TTM 403	Tourism Principles and Practices
TTM 530	Logistics Management
TTM 435	Tourism Product of India
TTM 504	Entrepreneurship In Tourism and Travel
TTM 401	Introduction to Travel Agency and Tour Operation Business
TTM 522	Strategy for Tourism and Travel
TTM 437	Front Office Operations In Hotels
TTM 409	Itinerary Preparation and Costing
TTM 543	Consumer Behaviour In Tourism
TTM 534	On the Job Training
TTM 503	Quantitative Techniques for Tourism and Travel
TTM 517	Tourist Destination Management

TTM 525	Tourism Geography II
Core courses: Core Open	
TTM 431	Galileo CRS System
TTM 442	Tourism System
TTM 436	House Keeping in Hotel Operations
TTM 440	Introduction to Heritage Management
TTM 449	World Cuisine
TTM 453	Culinary Tourism
TTM 513	Specialization in Airline Operations
TTM 538	F & B Service
TTM 542	Public Relations in Tourism
TTM 443	Tourism Organisations
TTM 539	Service Quality Management in Tourism and Hospitality
TTM 457	Food and Beverage - Practicum and Viva Voce
TTM 524	Sustainable Tourism
TTM 523	Ethical Legal and Regulatory Framework
TTM 521	Cases of Selected Tourism and Hospitality Enterprises
TTM 510	Resort Management
TTM 416	Tourism Circuits of India
TTM 514	Specialization in Hotel Operations
Elective courses Specialization- 1Travel Agency and Tour Operation Business	
TTM 407	Introduction to Tourism Marketing
TTM 423	Geography of Tourism -I
TTM 533	Economics of Tourism
TTM 509	Airline Ticketing and Cargo Management
TTM 523	Ethical Legal and Regulatory Framework
TTM 526	e Tourism
TTM 434	Leadership Development Camp
TTM541	Contemporary Issue in Tourism
Specialization- 2: Hospitality Management	
TTM 436	House Keeping in Hotel Operations
TTM 449	World Cuisine
TTM 453	Culinary Tourism
TTM 538	F & B Service
TTM 539	Service Quality Management in Tourism and Hospitality
TTM 457	Food and Beverage - Practicum and Viva Voce
TTM 510	Resort Management
Specialization- 3: Pilgrimage Tourism	
TTM 407	Introduction to Tourism Marketing
TTM 442	Tourism System
TTM 416	Tourism Circuits of India
TTM 440	Introduction to Heritage Management
TTM 524	Sustainable Tourism
TTM 443	Tourism Organisations
Elective courses: Elective Open	
TTM 424	Guiding Skills and Personality Development
TTM 429	Security, Rescue and Disaster Management
Foundation Courses: Human Making	
F-HM-1	Public Health and Infections

F-HM-2	Understanding Contemporary Society
F-HM-3	Social Work and Human Rights
F-HM-4	Human Values and Ethics
F-HM-5	Inter Personal Effectiveness
F-HM-6	Social Media and Citizen Engagement
F-HM-7	Mental Health
F-HM-8	Indian Constitution and Citizenship
F-HM-9	Contemporary Environmental Issues
F-HM-10	Education for Being & Becoming
F-HM-11	Philosophy of Science
F-HM-12	Eco-tourism, Planning & Practices
F-HM-13	Knowledge-based Life Coaching for Youth
F-HM-14	Literature Empathy and Human-making
F-HM-15	Sahityaaur Vyaktitva Vikas
Foundation Courses: Skill Development	
TTM 448	MICE Management
TTM 446	Soft skill Laboratory
TTM 531	Project management for travel and tourism industry
TTM 514	Specialization-hotel operations
TTM 527	Mountain Tourism destination
TTM 529	Sales Promotion and Public Relations in Tourism
TTM 519	Destination interpretation – world
TTM 538	Airport Management
TTM 536	Cruise Tourism
TTM 444	Study of NTO/NTA Across Nations.
M. Phil/Ph.D Programme	

17. Department of Sociology & Social Anthropology

MA (Sociology)	
Core Courses: Core Compulsory	
Course	**Title**
SOC 501	Sociological Thinker
SOC 502	Classical Sociological Theory
SOC 503	Advance Sociology Theory
SOC 504	Methodology of Social Research
SOC 505	Techniques of Social Research
SOC 506	Society and Polity
SOC 507	Population and Society
SOC 508	Indian Society
SOC 509	Social Change and Transformation
SOC 510	Social Issues in Contemporary India
Core Open Courses	
Group I	
SOC 511	Dissertation
SOC 512	Case Study and Report Writing
Group II	
SOC 513	Social Statistics

SOC 514	Social Change and Transformation
SOC 515	Social Anthropology
SOC 516	Gender and Society
SOC 517	Economy and Society
SOC 518	Religion and Society
SOC 519	Society and Polity
Elective Specialization	
Specialization I: Sociology of Development	
SOC 520	Visions of Development
SOC 521	Theories of Development
SOC 522	Socio-Cultural Dimensions of Development
SOC 523	Sustainable Development
SOC 524	Globalization: Impact and Discontents
SOC 525	Globalization and Transformation in India
SOC 526	Social Development in India: Policy and Planning
Specialization II: Corporate Sociology	
SOC 527	Sociology of Organizations
SOC 528	Industrial Sociology
SOC 529	Sociology or Organizational Management
SOC 530	Sociological Skills for Marketing Management
SOC 531	Sociology of Consumer Behavior
SOC 532	Market and Society
Elective Open	
SOC401	Understanding Contemporary Society
SOC 402	Information Society: Nature and Determinants
SOC 403	Virtual Society
SOC 404	Social Media
SOC 405	Sociological Criminology
SOC 406	Sociology of Law
SOC 407	Political Sociology
SOC 408	Civil Society: Concepts, Role and Issues in India
SOC 409	Environmental Sociology
SOC 410	Sociology of Health
SOC 411	Urban Sociology
SOC 412	Urban Development in India
SOC 413	Rural Sociology
SOC 414	Sociology of Education
SOC 415	Gender Violence
SOC 416	Gender and Development
SOC 417	Peasant Sociology
SOC 418	Sociology of Family
SOC 419	Sociology of Knowledge and Science
SOC 420	Modernization and Modernity
SOC 421	Media and Society
SOC 422	Social Problems in India
Course for Human Making	
SOC 423	Work Culture
SOC 424	Sociology of Values
SOC 425	Indian Culture

Course for Skill Enhancement	
SOC 426	Social Skills
SOC 427	Society, Stress and Management
SOC428	Skills for Marital Adjustments
M. Phil/Ph.D Programme	

1.2.2 Give details on the following provisions with reference to academic flexibility

i) Core /Elective options

Following the CBCS, each programme of study has identified a list of core compulsory courses as given above, core optional courses, elective/specialisation, elective open courses and courses on human human making and Skill Developmnt. The courses offered under different categories by different departments have been listed above. While the student has to study all core compulsory courses, he has an option to opt courses from the list of open core courses and elective/specialisation as per his/her choice/option.

ii) Curriculum Enrichment

The various departments of the University also adhere to other methods of knowledge. Apart from class room, teaching is accomplished through:
1. Application software training
2. Research Methodology Workshop
3. Industrial training
4. Field work
5. Laboratory Practical
6. Field visit
7. Soft skill development
8. Personality development
9. Eminent lectures
10. Interdisciplinary lectures

Courses offered in modular form:

All Programmes of Study in the university are designed as modular with exit and lateral entry option. While most students may want to complete their UG/PG/RD without any break, some may opt out of the Programme of Study mid-way due to their personal compelling reasons. The University, therefore, provides a structured framework for students to opt out mid-programme, whereby, depending on the extent of time spent on campus and credits accumulated by them, they are awarded certificate/diploma/advanced diploma. For instance, if any student wants to quit Study after two semesters, he/she can do so and would be awarded an appropriate Certificate/Diploma/Advanced Diploma and can rejoin his/her study from this point within two years again. However, the University is creating courses under MOOCS platform which will be openly available to the students. To begin with, the following courses have been created under the MOOCS:

Sr. No	Course Title
PAS 521	Atomic and Molecular Spectroscopy
PAS 413	General Physics Laboratory
PAS 610	Advanced Computational Physics
PAS 402	Mathematical Physics
PAS 411 A	Atomic, Molecular and Laser Physics

Credit accumulation and transfer facility:

The University has designed a framework to facilitate credit accumulation by its students from other recognised universities of India and abroad. The university has developed a structured mechanism to work out the equivalence and accept the transfer of credits earned by its students from other universities as per the relevant Ordinance of the Central University of Himachal Pradesh. The adoption of CBCS by different universities/institutions will further facilitate the students' mobility and credit transfer.

1.2.3 Does the university/department have an explicit policy and strategy for attracting international students?

Online Courses have been designed from session 2015 as a strategy to attract international students. Since the University has started functioning from 2010, it has been successful in achieving the national visibility. Besides J& K, students from various states like Bihar, Punjab, Delhi, West Bengal, Uttrakhand, Andhra Pradesh, Rajasthan, Kerala, U.P., Himachal Pradesh etc. have been enrolled in various programmes offered by the University. With passage of time as the university gets noticed, international students are expected to enrol in the University. The embassies situated in India have been sent the details (in the form of Prospectus) about Central University of Himachal Pradesh to attract international students.

1.2.4 **Have any courses been developed targeting international students? If so, how successful have they been? If 'no', explain the impediments.**

At present since the university does not have its own campus because of non-allotment of land, and because of lack of appropriate infrastructural facilities, it is unable to attract international students.

1.2.5 **Does the university/department facilitate dual degree and twinning programmes? If yes, give details.**

The University offers 19 dual degree research programmes but does not have twining programmes.

1.2.6 **Does the university/department offer self-financing programmes? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?**

Currently, the University is not offering any programme under self-financing mode.

1.2.7   Does the university/department provide the flexibility of bringing together the conventional face-to- face mode and the distance mode of education and allow students to choose and combine the courses they are interested in? If 'yes,' give operational details.

No such programme exists as on date.

1.2.8   Has the university/department adopted the Choice Based Credit System (CBCS)? If yes, for how many programmes? What efforts have been made by the university/department to encourage the introduction of CBCS in its affiliated colleges?

YES, all the 17 PG programmes, 16 M. Phil/PhD programmes, 2 Certificate courses and 4 UG programmes being offered in the university are based on CBCS.

1.2.9   What percentage of programmes offered by the university/department follows CBCS ?
Till Session 2016
*Annual system
*Semester system
*Trimester system
*Fourth semester system

In all the programmes of study, the University follows Semester system with CBCS

1.2.10 How does the university/department promote inter-disciplinary programmes? Name a few programmes and comment on their outcome.

As mentioned, the university is following CBCS wherein each programme of study offers elective courses to the students of other departments which promote inter-disciplinary studies. Apart from this, the courses which are offered as man-making and skill development under the rubric of Foundational Courses also promote inter-disciplinary studies. Central University of Himachal is following inter-disciplinary programmes since its inception. Before the adoption of CBCS, the students of each programme of study were required to opt 30 per cent of their courses from other programmes to complete their Master's degree. This has helped the students a lot. For example, one of the programmes which the students from different departments used to offer was the Advanced Oral and Written Communicative skills in English. This course made a perceptible impact on the students' communication skills.   Besides, the students have also benefitted by choosing courses from other programmes by gaining insights into the content of the courses which helped them qualify various competitive examinations. Their successful performance indicates that the outcome of the courses has been very useful.

1.3   Curriculum Enrichment

1.3.1   How often is the curriculum of the university reviewed and upgraded for making it socially relevant and/or job oriented/knowledge intensive and meeting the emerging needs of students and other stakeholders?

The curriculum of the university is reviewed and updated periodically in order to align it with the latest trends in academic arena as well as industry. It is designed by the concerned teacher which is then discussed in departmental level committee meetings. The syllabi of all the courses are discussed in the Board of Studies and the School Board (the authorized bodies) meetings. There is annual review of the syllabus supplemented by average of two Board of Studies meetings for every programme so as to ensure that the curriculum fulfils the industry requirements and becomes more job-oriented, knowledge rigorous and attuned to the society. Depending upon the nature of the programme of study, experts in the Board of Studies are both from academics the industry which help to blend the theoretical as well as the practical aspects, hence enriching the curriculum to its best. The ordinances of the University stipulate the departments to hold at least two meetings of the Board of Studies and two meetings of the School Board where issues related to curriculum enrichment, research plans etc are discussed.

1.3.2 During the last four years, how many new programmes at UG and PG levels were introduced? Give details.

As the university started functioning since 2010, all the programmes of study mentioned above have been introduced during the last four-five years. However, the university introduced the following courses during the academic session 2015-16.

ii. B.Sc. Physics (Honours)
iii. B.A. Sanskrit (Honours)
iv. B. Voc. in Mass Communication
v. B. Voc. in Financial and Marketing Services
vi. M. A. Sociology
vii. MA. Sanskrit
viii. Certificate Course in Gojari language
ix. Certificate Course in Gujjar History & Culture

1.3.3 What are the strategies adopted for the revision of the existing programmes? What percentage of courses underwent a syllabus revision?

a. Taking into account the course curriculum being offered by the world class universities both at home and abroad.
b. Interaction with other stakeholders
c. Identifying the academic and professional relevance of the courses and contents
d. Considering the feedback obtained from the outgoing students, alumni and industry
e. Undertaking the revision of the courses keeping in view employability of the students
f. Identifying the latest trends in JRF/NET examination
g. Examining areas of specialization offered by different universities in India and abroad
h. Courses are revised annually

The Strategies adopted by the University for Syllabus Revision are as follows:
1. Periodic Departmental faculty meetings
2. Conducting more frequent meetings of Board of Studies and School Board
3. Inviting eminent experts for lectures/workshops and intra-departmental interaction

1.3.4 What are the value-added courses offered by the university/department and how does the university/department ensure that all students have access to them?

The value added, skill development courses and Human Making courses are a part of CBCS where courses like oral and written communication in English, computational methods, soft skills, spoken tutorial and MOOCS add value to different courses offered by various programmes of study.

1.3.5 Has the University introduced any high order skill development programmes in consonance with the national requirements as outlined by the national skill development corporation and other agencies?

As mentioned above, the University has started B. Voc courses, e.g. B. Voc. in Mass Communication and B. Voc in Financial and Marketing Services to impart skills to the youth. Apart from that, we also offer courses on skill enhancement under various programmes of study which is a part of CBCS.

1.4   Feedback System

1.4.1   Does the university/department have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

Curriculum is generally revised periodically after taking feedback from various stakeholders like industry experts, academicians, students etc. The University follows a structured mechanism for taking feedback, both formal and informal, from students.

Formal Feedback: At the end of each semester students are given feedback forms where their inputs regarding curriculum are consolidated and considered for necessary modifications in curriculum, in line with requirements of changing dynamics of industry and society at large. The feedback is given to each faculty member.

Informal Feedback: Students informally interact during classroom discussions with all faculty members to express their view point about curricula which are noted and evaluated at later stage during departmental meetings comprising of faculty chaired by Heads of the various Departments.

1.4.2   Does the university/department elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods such as conducting webinars, workshops, online discussions, etc. and its impact.

Different departments in the University remain in constant touch with both national and international faculty by inviting them for various workshops, conferences, seminars and discussions. Likewise, the faculty of the University also attend various workshops, seminars, conferences both at national and international level and get feedback on the course contents. These contacts are further strengthened by inviting the eminent academicians as members of Board of Studies where their feedback on curriculum is taken into consideration. Thus, the opinion of the external members of Board of Studies and School

Board from academia and industry, national experts is considered to review the syllabi. The syllabus is sent to reputed national experts for their feedback on its relevance for meeting global challenges.

1.4.3 Specify the mechanism through which affiliated institutions give feedback on curriculum enrichment and the extent to which it is made use of.

At present, there is no institution affiliated to the Central University of Himachal Pradesh.

1.4.4 What are the quality sustenance and quality enhancement measures undertaken by the university/department in ensuring the effective development of the curricula?

The process of design and development of curriculum involves three major steps: Review, Revision and Ratification.

Review: Reviews are taken from students, faculty, industrialist as well as alumni. Faculty is encouraged to undergo orientation course, refresher course, conferences, seminars etc. so as to broaden their knowledge base regarding latest trends in their respective fields and to appraise them with industrial as well as societal requirements. Their inputs are considered in making the curriculum more effective and job oriented, keeping Quality assurance/Quality control issues in mind. Few departments also refer to secondary literature about the issues and utilize the same for review.

Revision: Curriculum revision and /or introduction of new courses are undertaken based on the feedback/inputs received from students, faculty, alumni and employers.

Ratification: Departments conduct at least two Board of Studies and School Board meetings in a year to ratify the modifications.

Academic Audit done to improve quality and monitor the coverage of course curriculum

Any other information regarding Curricular Aspects which the university would like to include.
The University also intends to operationalize some other departments in different schools which have already been made functional. However, due to severe paucity of space, it is becoming increasingly difficult to start new courses/programmes.

CRITERION – II: TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1. How does the university ensure publicity and transparency in the admission process?

The admission to all PG programmes in the Central University of Himachal Pradesh is through an all India entrance test. The prospectus with full details of admission such as the eligibility conditions, important dates, tuition and other fee, availability of basic infrastructural facilities, hostels, and so on is uploaded on the University website. The entrance test is widely publicized in national dailies and also on the University's web-site. The applications are invited through on-line and through hard copies as well. A student can give choices for two programmes of study on an application form. Entrance test for different PG programmes is conducted simultaneously at different centres spread across the country to attract students from different states. The pattern of entrance test is of objective type with OMR answer sheet evaluation. From the academic session 2016-17, the entrance test has two components viz. one component consisting of 60 questions is common to all the students, while the other component with 60 questions each pertains to the programmes of study which a student has opted. For Merit-list and waiting-list are published on University website. Counselling for admission into different PG courses is done at School Level in phased manner. The availability of vacant seats is notified on the University web-site.

2.1.2. Explain in detail the process of admission put in place by the university. List the criteria for admission: (e.g.: (i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common entrance test conducted by state agencies and national agencies (v) other criteria followed by the university (please specify).

UG Programmes

All applicants seeking admission to UG Programmes of Study are admitted on the basis of merit in 10+2 or equivalent examination. For admission to BA (Sanskrit Honours) 10% weightage is given to candidates who have passed Prak Shastri Part II or Visharad.

PG Programmes

1. All applicants seeking admission to a PG Programme of Study are required to appear in single common entrance examination i.e. FEAT (Further Education Admission Test). From the academic session 2016-17, the common entrance test has been divided into two components viz. Common paper with 60 questions and subject wise components with 60 questions.
2. Admission to various PG Programmes of Study is made on merit of the composite score to be determined on the basis of score obtained in FEAT and marks obtained in Matric,10+2 and UG examination as given below:

Sr. No.	Weightage of Different Components of the Composite Score	
	Components	**Weightage**
1.	Score obtained in FEAT	50%
2.	Percentage of marks in 10th	10%
3.	Percentage of marks in 10+2	10%
4.	Percentage of marks in UG Degree	30%
	Total	100%

RD (MPhil/PhD) Programmes

First of all the vacant seats for M.Phil./Ph.D. Programmes of Study in various disciplines are filled on basis of merit of Composite score which is calculated as under:

i) Academic score : 40% (25% of percentage of marks obtained in PG examination plus 15% of percentage of marks obtained in UG examination)

ii) Research qualification : 40%

- 40 marks for JRF (Based on written test conducted by UGC, CSIR, ICAR or any other agency recognised by UGC)   OR
- 30 marks for NET/SET/SLET   OR
- 20 marks for M.Phil. (As per Regulations 2009) with minimum 60% marks

iii) Personal Interview : 20%

For shortlisting the candidates for Personal interview, a merit list is prepared on basis of Academic score and Research qualification as described above. 10 candidates against one vacant seat are called on merit for personal interview. At the time of personal interview, the candidate is required to submit a research proposal of his/her choice in approximately 1500 words. A candidate is interviewed only if he/she has submitted a research proposal. In case the seats for RD Programmes of Study in various disciplines remain unfilled after following the procedure mentioned above, the vacant seats are filled on basis of merit of composite score calculated as under: (i) 40% (25% of percentage of marks obtained in PG examination plus 15% of percentage of marks obtained in UG examination); (ii) Entrance Test: 40% (15 marks for Domain knowledge, 15 marks for Research Aptitude and 10 marks for writing skills) (iii) Personal Interview : 20%, Further, for shortlisting the candidates for Personal interview, a merit list is prepared on basis of Academic score and Score of TREAT. And 15 candidates against one vacant seat are called on merit for personal interview. At the time of personal interview, the candidate is required to submit a research proposal of his/her choice in approximately 1500 words.

A candidate is interviewed only if he/she has submitted a research proposal. A teacher who has been awarded Teacher Research Fellowship by the UGC and is working in any institution of higher education is exempted from TREAT that he/she is considered at par with NET/SLET qualified candidates. Regular eligible Assistant Professors employed in CUHP (Who are not PhD.) are eligible to apply for Ph.D. The In-house teacher candidates and Foreign Nationals/NRI/PIO/Teacher Research Fellows are admitted under Supernumerary Seats and are not required to appear in the entrance test. The Foreign students are also admitted as per CUHP norms. Similarly a person already employed in teaching/research profession is exempted from the requirement of appearing in TREAT and is treated at par with NET/SLET qualified candidates and is admitted if he/she meets the minimum eligibility condition for admission in the Research Degree Programme. These conditions are: (i) He/she is working as Lecturer/Assistant Professor/Associate Professor/Professor or in an equivalent position on a regular basis for at least 10 (Ten) years in a state or central university/government or government-aided college/institution of national importance/government research institution or laboratory and (ii) his/her application for admission in the Research Degree Programme is duly forwarded by the present employer with the undertaking that he/she shall be granted leave to pursue the Programme of Study on full-time basis.

2.1.3. Provide details of admission process in the affiliated colleges and the university's role in monitoring the same.

Presently Central University of Himachal Pradesh does not have any affiliated college

2.1.4. Does the university have a mechanism to review its admission process and student profile annually?

The university does review its admission process and student profile through the following mechanism:

To get a correct picture of the profile of the students, the University collects all the vital statistics about the students during admission process.

Based on the statistical analysis of these basic statistics, the University prepares itself for attracting students from the unrepresented strata.

The admission process is put to a rigorous introspection every year in a meeting of Deans to eliminate inconsistencies and make it unambiguous and transparent.

For example, finding that the students from some states do not seek admission, the entrance test centres are opened in more and more states and in other different locations to attract students from various states. Similarly, the admission process to RD Programmes is modified from the academic session 2015-16 to eliminate certain problems/ambiguities. Also keeping in view the fact that most of the students come from rural areas and find it difficult to understand English, the Hindi translation of question paper is also made effective from this academic session.

2.1.5. What are the strategies adopted to increase/improve access for students belonging to the following categories:
- SC/ST
- OBC
- Women
- Persons with varied disabilities
- Economically weaker sections
- Outstanding achievers in sports and other extracurricular activities

The Vision of the Central University of Himachal Pradesh is to strive for Inclusive Access to Excellence in Higher Education and Research.

SC/ST and OBC candidates are given reservation in admissions as per Government of India guidelines applicable from time to time.

There are schemes of freeships and half freeships and financial support for the candidates belonging to the economically weaker sections including those from minorityThe SC and ST students get financial support from their respective state governments.

Student in the category of Persons with Disability are provided free education, boarding & lodging in hostel, transport facility as per government of India rules

Teachers belongin to Persons with Disability category are provided higher transport allowance and necessary equipments and facilities as government of India norms.

2.1.6. Number of students in university departments in the last four academic years:

Category	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
UG	0	0	0	0	0	28
PG	123	671	620	659	685	712
Ph.D.	17	42	59	105	94	152

2.1.7. Has the university conducted any analysis of demand ratio for the various programmes of the university departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease.

List of Students who Applied for PG Programmes of Study (Academic Session 2012-2015)

The analysis of demand ratio is given in the below:

S. No	PG Programme of Studies	Year 2012-13	Year 2013-14	Year 2014-15	Year 2015-16
		No of Applicants	No of Applicants	No of Applicants	No of Applicants
1.	MBA (Available seats =90)	1296	1850	1948	2037
2.	MSc (Environmental Science) (Available seats = 30)	265	312	478	666
3.	MA (Education) (Available seats =30)	41	57	48	76
4.	MA (Visual Arts) (Available seats = 30)	9	11	-	-
5.	MA (English Language and Literature) (Available seats = 30)	109	216	201	294
6.	MA (Hindi) (Available seats = 30)	24	48	59	69
7.	MA (Sanskrit) (Available seats = 30)	-	-	-	33
8.	MA (Journalism & Creative Writing) (Available seats = 30)	109	138	181	189
9.	MA (New Media, Communication) (Available seats = 30)	145	173	231	176
10.	MSc (Computational Biology & Bio-Informatics) (Available seats = 30)	153	171	177	241

11.	MSc Mathematics (Available seats = 30)	249	327	528	933
12.	MSc (Information Technology) (Available seats = 30)	341	399	454	460
13.	Master of Library Science (Available seats = 30)	133	97	86	79
14.	MSc Physics (Available seats = 30)	236	439	651	989
15.	MSW(Available seats = 30)	388	499	429	417
16.	MA (Economics) (Available seats = 30)	193	275	246	236
17.	MA (Sociology) (Available seats = 30)	-	-	-	65
18.	MBA (Specialisation in Travel & Tourism) (Available seats = 30)	661	1103	1082	1104
	Total	4352	6115	6799	8064
	Demand Ratio	1:8.53	1:11.99	1:13.33	1:14.15

List of Students Applied for RD Programmes of Study (Academic Session 2012-2015)

S. No	RD Programme of Studies	Year 2012	Year 2013	Year 2014	Year 2015
			No of Students Applied Against		
			64 Seats	43 Seats	47 Seats
			Course Running		
			16	16	17
1	Business Management		254	159	105
2	Environmental Science		168	154	70
3	Teacher Education		83	78	30
4	Visual Arts				12
5	English		71	92	76
6	Hindi				51
7	Journalism & Creative Writing		47	65	35
8	Mass Communication and Electronic Media		69	50	69
9	Computational Biology & Bioinformatics		81	125	82
10	Mathematics		35	43	29
11	Computer Science & IT	TREAT Not Held			1
12	Library Science		31	24	20
13	Physics & Astronomical Sciences		67	96	83
14	Social Work		51	56	59
15	Economics		29	39	2
16	Tourism & Travel Management		43	32	1
	Total		1029	1013	725
	Demand Ratio		1:16.08	1:24.26	1:15.43

2.1.8. Were any programmes discontinued / staggered by the university in the last four years? If yes, please specify the reasons.

No programme of study has been discontinued

2.2. Catering to Diverse Needs of Students

2.2.1. Does the university organize orientation/induction programme for freshers? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.

Yes, the university organizes a two/three-day orientation / induction programme for freshers immediately after the completion of the admission process.

On the first day, the students are enlightened about the University, its vision and mission, about the Anti-Ragging Policy, the Choice Based Credit system and other basic infrastructural facilities that are available in the university by the Hon'ble Vice-Chancellor, Pro-Vice-Chancellor, Dean Students' Welfare, Proctor and Chairman Anti-Ragging Committee. An eminent person is also invited to address and inspire the students from his/her life time experiences.

During the next two days they are introduced about their respective program of study by the Deans of the Schools, the Heads of the Departments and Faculty members both at the School and Department levels. During the orientation programmes, the experience of the previous years is shared.

2.2.2. Does the University have a mechanism through which the "differential requirements of the student population" are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

In almost all the departments, the differential requirement of the student population is inbuilt in course curriculum.

The first two semesters of the education are entirely devoted to cover the basics of the discipline in terms of core compulsory and core open courses, which are further developed into advance modules in subsequent semesters.

The concept of student mentorship is in place in the University, wherein a faculty member serves as the mentor for about 5-10 students of a batch and monitors their progress during their stay in the campus.

2.2.3. Does the university offer bridge/remedial/add-on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

Under the Choice Based Credit System each department offers a sufficient number of Elective Open, Elective Specialization and University Wide elective courses.

Departments also introduce remedial classes as per the requirements. Such courses are offered as zero credit courses.

2.2.4. Has the university conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, physically handicapped, slow learners, etc.? If yes, what are the main findings?

Though no such formal study has been conducted, the close interaction with students and experiences of various departments during the last four-five years reveal that the students from disadvantaged regions like tribal and remote areas, disadvantaged sections of society like SC and ST and from minority communities perform very well in their academic pursuits.

2.2.5. How does the university identify and respond to the learning needs of advanced learners?

While the advanced learners are encouraged to refer to advanced text books, international Journals and MOOCS, the slow learners are continuously monitored in the class rooms through extra classes. The students have an access to a number of books and journals for which the university provides on-line access.

Free Internet access to students is provided even in their hostels to access this resource of on-line subscription.

A number of Seminars, Conferences and Workshops being organized on the Campus provide other opportunity for advanced learners to present their papers, have interaction with experts in different fields and make their presentations before them.

2.3. Teaching-Learning Process

2.3.1. How does the university plan and organize the teaching, learning and evaluation schedules (academic calendar, teaching plan, evaluation blue print etc.)?

The Central University of Himachal Pradesh follows an Academic Calendar as given below:

Monsoon Semester

Commencement of Classes: 1st August

Mid-term Examination: Second to Third week of October
End Semester Examination: Second to Third week of December
Winter Vacations: Fourth Week of December to Third Week of January

Spring Semester

Commencement of Classes: First Working Day of Fourth week of January

Mid-term Examination: Fourth week of March to First week of April

End Semester Examination: Third to Fourth week of June

Summer Vacation: 1st – 31st July

The Central University of Himachal Pradesh strictly follows Choice Based Credit System Frame-work of UGC.

Till the academic session 2015-16, the evaluation process was internal. However, from academic session 2016-17, it consists of both the internal and external components with a 50 per cent weightage for each. While the mid-term examination and internal assessment will be done by the teacher concerned, end term examination which has a weightage of 50 per cent will be made external as provided in the guidelines of CBCS. To make the external examination more effective, a student is required to score at least 40 per cent of the marks in the end term examination while the total pass percentage remains 50 per cent.

2.3.2. Does the university provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

Yes, the university provides detailed course outlines and schedules prior to the commencement of the academic session immediately after the end term examination before students proceed for vacations. The course content/outlines consist of five parts with lists of texts and supplementary readings. The time schedule for the completion of different components is strictly followed through academic audit and it is also ensured that all five units are completed as required.

2.3.3. Does the university face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.

No, since its inception, the university did not face any such challenge in completing the curriculum within the stipulated time frame and calendar.

2.3.4. How learning is made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

The learning is made student-centric by adopting variation in teaching methods suited to the learning abilities of the students. The lecture method which is predominant mode of pedagogy is supplemented by other modes like power point presentations, assignments, seminars, and more active free interaction in which even slow learners actively participate and freely ask questions. A culture is inculcated among

the students that the acquisition of knowledge, which is proliferating at exponential rate, does not take place only in the class rooms and during their affiliation with the faculty but is a continuous learning process.

2.3.5. What is the university's policy on inviting experts / people of eminence to deliver lectures and/or organize seminars for students?

Deans of different Schools and Heads of the Departments are constantly encouraged to invite experts from academic institutions and industry, to deliver lectures. An adequate budgetary provision is made for this while finalizing the budgets for different departments. Apart from this, the experts who come for attending BoS and School Board meetings are requested to deliver talks to students and faculty. Alumni are also invited to deliver talks to the students and share their experiences.

2.3.6. Does the university formally encourage blended learning by using e-learning resources?

The Central University of Himachal Pradesh is under process of using blended learning by using e-resources. As a pilot project, in some departments like Physics and Astronomical Sciences some courses have been introduced to follow blended learning. In addition, the students are always encouraged to benefit from massive online resources from world class institutions like MIT. To facilitate the use of on-line resources, internet and Wi-Fi facilities are provided both on the campus and in the hostels. The University library subscribes to on-line journals and books.

2.3.7. What are the technologies and facilities such as virtual laboratories, e-learning, open educational resources and mobile education used by the faculty for effective teaching?

Faculty in every department uses various e-learning and open educational resources as part of their teaching. The university has provided links of various e-learning and open educational resources on its web-site itself. The university library has got e-books and journals.

2.3.8. Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the university's educational processes?

The university has created MOOCs Club which encourages different faculty members for the development of on-line courses. The club organised a seven days Faculty Development Programme from 9th June-15th June 2016 on the topic "Emerging Trends of ICT in Higher Education".

The University has developed its Open Educational Resources Policy in collaboration with Commonwealth Educational Media Centre for Asia, New Delhi. The policy has been approved and is being implementd.

2.3.9. What steps has the University taken to convert traditional classrooms into 24x7 learning places?

The students have an on-line access to a number of books and journals which the university has subscribed to.

Free Internet and Wi-Fi access is provided to students both on the campus and even in the hostels to access this resource of on-line subscription.

2.3.10. Is there a provision for the services of counsellors/mentors/advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefitted.

The concept of student mentorship is in place in the University, wherein a faculty member serves as the mentor for about 5-10 students of a batch. Occasionally, the experts are invited to deliver talks and counsel the students. All students benefit from the mentorship.

2.3.11. Were any innovative teaching approaches/methods/practices adopted / put to use by the faculty during the last four years?

Although the lecture method is a dominant mode of teaching, the faculty members use other interactive modes and methods. The teachers also use the various teaching-learning methods like:
- Live Projects
- Role Plays Use of audio visual facilities
- Multi-media power point presentations
- Assignments and seminar presentations
- Case studies
- Group discussions and presentations
- Field based assignments
- Quizzes
- Workshops
- Panel Discussions
- Peer Teaching
- Business Gains
- Practicals

2.3.12. How does the University create a culture of instilling and nurturing creativity and scientific temper among the learners?

To create a culture of instilling and nurturing creativity and scientific temper among the learners, a number of activities listed below are organized to promote creativity among students:
- Organizing debates on current topics as-well-as organising science quiz, exhibition etc.

- Science departments organize popular lectures on National Science Day and other such occasions
- Annual Day Function (Udaan) covering Sports, Painting, Acting, Singing etc.
- Him-Spark where the students get an opportunity to display their managerial skills
- Encouraging the students to take problem solving exercises

2.3.13. Does the University consider student projects mandatory in the learning programme? If yes, for how many programmes have they been (percentage of total) made mandatory?

In almost each and every PG program of the university student projects are mandatory. Students' projects are mandatory in departments like Sociology, Economics, Social Work, Tourism and Travel, School of Business & Management, Library and Information Science, English and Foreign Languages, Hindi and Indian Languages and Sanskrit and Pali. All the faculty members of these departments act as project guides to the students. The evaluation of these projects is done by an external examiner.

2.3.14. Does the university have a well qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?

Yes, the university does have a well-qualified pool of human resource to meet the requirements of the curriculum. However, wherever there is a need, the superannuated faculty are appointed as Adjunct Professors and Resource Persons.

2.3.15. How are the faculty enabled to prepare computer-aided teaching/learning materials? What are the facilities available in the university for such efforts?

The Central University of Himachal Pradesh has provided following facilities to be used by faculty to prepare computer-aided teaching/learning materials:

- Media Lab
- Access to online open sources teaching / learning materials
- Laptops/ Desktops and printers to each and every faculty member with Headset and Printer
- Smart Class Rooms with Smart Boards
- High Definition Wi-Fi enabled Multi-media projection or systems.

2.3.16. Does the University have a mechanism for the evaluation of teachers by the students/alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?

Yes, the university does have a robust mechanism for the evaluation of teachers by the students/alumni. The students are required to give their feedback for faculty teaching the courses during the end term examination. The feedback proforma includes questions on subject knowledge, delivery of

lecture, punctuality, evaluation of answer books, outside classroom interaction, and so on. The feedback is tabulated and given to concerned faculty members. Teachers do use the feedback to improve their teaching/ lecture delivery method.

2.4. Teacher Quality

2.4.1. How does the University plan and manage its human resources to meet the changing requirements of the curriculum?

Being a Central University all human resource is sanctioned by the UGC. However, to meet the changing requirement of the curriculum that may arise due to introduction of new or innovative courses, the UGC provides flexibility to reassign existing positions as per need. At present the University has a strong contingent of a highly qualified and well informed human resource. Efforts are made on a continuous basis to further develop the available human resources with the university. Some of these efforts are listed below:

- Participation by the faculty in Orientation Programme and Faculty Development Programmes
- Participation of the faculty in seminars, conferences and workshops both at home and abroad
- Organisation of faculty development programmes, workshops, conference and seminars
- Inviting experts from academics and industry to interact with the faculty
- MoUs with different institutions

2.4.2. Furnish details of the faculty

Number of Positions in the University

Positions	Professor	Associate Professor	Assistant Professor
Sanctioned by the UGC	27	53	108
Recruited	05	11	51
Yet to be recruited	22	42	57
Number of persons working on contract basis	Nil	Nil	Nil
UGC Faculty Recharge Programme = 02 Assistant Professors DST Inspire Programme = 01 Assistant Professor			

Details of the faculty

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt.	0	0	0	0	0	0	0
Ph.D.	05	0	11	0	28	07	35
M.Phil.	0	0	0	0	04	02	06

PG	0	0	0	0	08	02	10
Temporary Teachers							
D.Sc./D.Litt.	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	02	0	02
M. Phil.	0	0	0	0	0	0	0
PG	0	0	0	0	02	0	02

2.4.3. Does the university encourage diversity in its faculty recruitment? Provide the following details (department/school-wise)

The University follows open transparent method to recruit faculty. The vacancies are advertised in national dailies and are also uploaded on the University website. Going by the past experience, the response to the university announcement of vacancies was not only from practically from all states of India but also from Indians teaching and researching abroad. The diversity of faculty on the basis of their PG degree from the same university, from other universities within the state, and outside the state is given in table below.

As per Post-Graduation Degree

S. No.	Department/School	% of faculty from the same University	% of faculty from other Universities within the state	% of faculty from Universities outside the state	% of faculty from other countries
School of Business & Management Studies					
1	Department of Accounting & Finance	0	40	60	0
2	Department of Human Resource Management & Organisational Behaviour	0	100	0	0
3	Department of Marketing & Supply Chain Management	0	33.33	66.67	0
School of Life Sciences					
4	Centre for Computational Biology & Bioinformatics	0	0	100	0
School of Social Sciences					
5	Department of Economics & Public Policy	0	25	75	0
6	Department of Social Work	0	0	100	0
School of Humanities & Languages					
7	Department of English & European Languages	0	60	40	0
8	Department of Hindi & Indian Languages	0	0	100	0
School of Mathematics, Computer & Information Sciences					
9	Department of Mathematics	0	33.33	66.67	0
10	Department of Computer Science & Informatics	0	50	50	0

11	Department of Library & Information Science	0	0	100	0
School of Earth & Environmental Sciences					
12	Department of Environmental Sciences	0	0	100	0
School of Journalism, Mass Communication & New Media					
13	Department of Journalism & Creative Writing	0	25	75	0
14	Department of Mass Communication & Electronic Media	0	33.33	66.67	0
School of Physical & Material Sciences					
15	Department of Physics & Astronomical Science	0	66.67	33.33	0
School of Education					
16	Department of Teacher Education	0	20	80	0
School of Tourism, Travel & Hospitality Management					
17	Department of Tourism & Travel Management	0	50	50	0

2.4.4. How does the University ensure that qualified faculties are appointed for new programmes/emerging areas of study (Bio-technology, Bio-informatics, Material Science, Nanotechnology, Comparative Media Studies, Diaspora Studies, Forensic Computing, Educational Leadership, etc.)? How many faculty members were appointed to teach new programmes during the last four years?

The Central University of Himachal Pradesh has appointed faculty in emerging new areas like Bioinformatics, Material Science, Creative Writing, New Media, etc.

2.4.5. How many Emeritus/Adjunct Faculty/Visiting Professors are on the rolls of the university? Emeritus, Adjunct and Visiting Professors

	Emeritus	Adjunct	Visiting
Number	Nil	2	Nil

2.4.6. What policies/systems are in place to academically recharge and rejuvenate teachers (e.g. providing research grants, study leave, nomination to national/international conferences/seminars, in-service training, organizing national/ international conferences etc.)?

The university encourages faculty members to apply for ad-hoc research projects to different funding agencies, attend conferences both at home and abroad and attend refresher and orientation courses. Different departments over the years have organised conferences, seminars and workshops of varying durations. These activities give lot of exposure to faculty members and recharge and rejuvenate them. Some of the faculty members in science departments have also got start-up grants to carry out their research programmes.

2.4.7. How many faculty received awards / recognitions for excellence in teaching at the state, national and international level during the last four years?

Year	Number of Awardees
2014-2015	4
2013-2014	5
2012-2013	8
2011-2012	2

2.4.8. How many faculty underwent staff development programmes during the last four years (add any other programme if necessary)?

Academic Staff Development Programmes	Total
Refresher courses	13
HRD programmes	1
Orientation programmes	39
Staff training conducted by the University	2
Staff training conducted by other institutions	6
Summer/winter Schools	4
Workshops	48

2.4.9. What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? **Nine Percent**
- participated in external Workshops/Seminars/Conferences recognized by national/ international professional bodies? **Fifty Four Percent**
- presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies? **Thirty Seven Percent**
- teaching experience in other universities / national institutions and other institutions? **Sixty Percent**
- Industrial engagement? **Eight Percent**
- International experience in teaching? **Five Percent**

2.4.10. How often does the university organize academic development programmes (e.g.: curriculum development, teaching-learning methods, examination reforms, content/ knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?

The meeting of curricular development committees, Meetings of the Board of Studies meetings and School Board are held regularly to update the course contents. In addition, all faculty members stay in touch with the latest topic being taught in other reputed universities both within the country and abroad and accordingly revise the course contents.

2.4.11. Does the university have a mechanism to encourage

- **Mobility of faculty between universities for teaching?**
- **Faculty exchange programmes with national and international bodies?**

If yes, how have these schemes helped in enriching the quality of the faculty?

MoUs have been signed with different universities /institutions to promote the exchange of faculty and students. The faculty and students from the Department of Social Work have been visiting the University of Applied Sciences, Frankfurt, Germany under faculty exchange programme. The detailed arrangements with other universities are being worked out to promote frequent faculty exchange.

2.5. Evaluation Process and Reforms

2.5.1. How does the university ensure that all the stakeholders are aware of the evaluation processes that are operative?

To ensure that all the stakeholders are aware of the evaluation processes, the complete syllabus, including examination and evaluation details are available on the website of the University. It provides elements of evaluation system, credits, calculation of Grade Points, letter grade and promotion rules. The information about examination system and scheme of assessment during the semester and at the end of semester is also detailed in the university prospectus. In addition to this, students are made familiar with all aspects of their courses including the evaluation process during the induction programmes organized by different faculties.

2.5.2. What are the important examination reforms initiated by the university and to what extent have they been implemented in the university departments and affiliated colleges?

The university follows semester system with continuous internal assessment as an integral part of system for the evaluation of students' performance.

In all the courses, the teacher teaching the course(s) shall give the assignments, projects and quizzes regularly at fixed intervals as tools for evaluation. The beauty of the whole system is that the students are shown the evaluated answers-sheets/assignments and that every student can to contest his/her assessment by the teacher. The grading system is followed for preparing the summative result card or the mark-sheet of the student. However, as a part of CBCS guidelines, the university from the academic session 2016-17 has introduced external system of examination for end term examination which has a weightage of 50 per cent. Students must get a minimum of 40 per cent marks in the external examination to clear a course. The overall pass percentage requirement is 50 per cent.

2.5.3. What is the average time taken by the University for declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode / media adopted by the University for the publication of examination results (e.g. website, SMS, email, etc.).

After completion of each semester examination, the results are declared within one month's time. Since, there is internal evaluation; the measures such as reminders for submission of awards are used so that the result is declared in time

2.5.4. How does the university ensure transparency in the evaluation process? What are the rigorous features introduced by the university to ensure confidentiality?

Answer scripts are shown to the students after evaluation and before declaration of results to ensure for transparency in the evaluation process. If a student is not satisfied with the marks awarded to him/her, he/she can make a request for re-evaluation. Accordingly re-evaluation is done and then final results are prepared. The office of the Controller of Examinations, in collaboration with the office of Deans of various Schools, is responsible for handling all confidential information/work related to examination.

2.5.5. Does the university have an integrated examination platform for the following processes?

Pre-examination processes – Time table generation, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, etc.

Yes

Examination process – Examination material management, logistics, etc.

Yes

Post-examination process – Attendance capture, OMR-based exam result, auto-processing, generic result processing, certification, etc.

Yes

2.5.6. Has the university introduced any reforms in its PhD evaluation process?

As per the PhD Ordinance, there is a continuous evaluation/monitoring of the students progress through Research Progress Monitoring Committee (RPMC). The RPMC is held after the end of every semester. For earning a PhD degree a student has to complete 120 credit hours. Out of these credit hours, the

thesis is of 60 credit hours. The thesis is sent to two external examiners and one of them is called for viva-voce examination.

2.5.7. Has the university created any provision for including the name of the college in the degree certificate?

The University does not have any affiliated college.

2.5.8. What is the mechanism for redressal of grievances with reference to examinations?

The Controller of Examinations is responsible for addressing the grievances of the students with reference to examinations, taking help from Deans of various schools. The students are given an opportunity to register their grievances. They can seek revaluation of their answer scripts. There is also an examination committee chaired by DSW to look into the complaint of the use unfair means

2.5.9. What efforts have been made by the university to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division/section.

The University has computerization of the office processes of the Controller of Examinations. The pre-examination processes are fully computerized. The result processing is also fully computerized. As a result, the data management system has improved significantly and the grievance settlement processes are also made simple. The evaluation of the answer scripts related to the examinations has been decentralized to avoid detail in results

2.6. Student Performance and Learning Outcomes

2.6.1. Has the university articulated its Graduate Attributes? If so, how does it facilitate and monitor its implementation and outcome?

The graduate attributes are clearly articulated in the vision and mission documents of each and every programme and each and every course offered by the University. These attributes are communicated clearly to all the students who are admitted. While designing and developing course structure and curriculum, the graduate attributes are also developed by the respective faculty, Board of Studies, School Boards and Academic Council in sequence. The planning and execution of the programme ensures that all the graduate attributes are properly addressed. The teaching plan, the pedagogical methods and tools used in teaching learning process facilitate proper execution of the programme towards the graduate attributes. The outcome is assessed in the form of the clarity to the students on goal formulation and expectations from the programme.

2.6.2. Does the university have clearly stated learning outcomes for its academic programmes? If yes, give details on how the students and staff are made aware of these?

The Board of Studies and School Boards, while designing a course programme and Academic Council while ratifying a course programme, clearly state the learning outcomes. While deciding the learning outcomes, the standards of a course curriculum in leading universities both at home and abroad are kept in mind. The University firmly believes that after graduating from the CUHP, students must be in a position to compete with the students of other premium institutions of the country like JNU, University of Delhi and also with students from abroad.

2.6.3. How are the university's teaching, learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?

Each and every academic department of the University develops teaching, learning and assessment strategies as per the needs of the programme. There is a blend of class room teaching, self-learning of the students, experimentation, field study, project, discussions and seminars, conduct of academic events, participation in competitions, etc. to achieve intended learning outcomes. The department also plans for continuous and student specific assessments. Regular class tests, assignments etc., are used generally to assess the performance and progress of the students.

2.6.4. How does the university collect and analyse data on student learning outcomes and use it to overcome the barriers to learning?

The university's teaching, learning and assessment strategies are well structured to facilitate the achievement of the intended learning outcomes. Suitable pedagogy, continuous and end semester evaluation followed by formal feedback are some of the strategies adopted by the faculty.

The course contents of all academic programmes are regularly updated. The modifications are made from time to time to incorporate the latest developments so as to help students prepare for national tests like NET, GATE etc.

In the semester system, a compulsory component of internal assessment based on tests, assignments, seminars, etc. has been introduced.

In order to overcome the barriers to learning, the faculty individually analyzes the data on student learning outcomes.

The first information about learning outcomes comes from the performance in tests and mid-term examination.

The University has Student Feedback on learning outcomes, course content, quality of teachers etc.

The feedback on various components of teaching and evaluation is taken from the students to improve the quality of teaching-learning processes.

In the ultimate analysis, the learning outcomes are manifested in the number of students qualifying JRF/NET, competitive examinations and getting admissions to research degree programmes in other leading universities. On all these measurable criteria, the students of the University are doing very well.

CRITERION –III RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the University have Research Committee to monitor and address issues related to research? If yes what is its composition? Mention a few recommendations which have been implemented and their impact

The university has constituted a Research Council at the University level. The Council is chaired by the Vice Chancellor with all Deans and Heads are its members. In addition, the research issues are taken care of by the Departmental Research Committee at the departmental level consisting of Head of the Department, the senior most Associate Professor and the senior most Assistant Professor. The committee allots the students admitted to research degree programmes to the eligible guides. The research work done by the research scholars is monitored by Research Progress Monitoring Committee (RPMC). A research scholar has to make a presentation before the RPMC about the work done by him/her during the last six months and the work which he/she proposes to do in the next six months. Similarly, it is mandatory for the research scholars to make a presentation before the faculty about the proposed work. It is only after the topic is approved by the faculty that a student is asked to develop the same into a synopsis which then is placed before the BoS for approval. The university strictly follows a practice whereby the thesis is got adjudicated from two external examiners. The supervisor submits a list of nine subject matter specialists in a sealed envelope through Head and Dean to the Vice-Chancellor. The Vice Chancellor appoints two examiners out of these subject matter specialists and also mentions as to who among these two should be called for viva voce examination. Both the examiners must recommend it for the award of degree. One of these external examiners is called for via voce examination. The thesis before submission is checked for plagiarism using URKUND.

3.1.2 What is the policy of the university to promote research in affiliated colleges?

As mentioned earlier, the university does not have mandate to affiliate colleges.

3.1.3 What are the proactive mechanisms adopted by the university to facilitate the smooth implementation of the research schemes/projects.

The university encourages its faculty to develop research projects and apply for funding to different institutions. The principal investigators of the project are given administrative support to implement the research projects like, for example, dealing the cases submitted by the PIs on priority and quickly issuing utilisation certificates as and when the requests from principal investigators are received. The administrative procedures are being simplified to do the things in a time bound manner. The PIs are given full autonomy to utilise the project funds. The university is seriously considering delegating financial powers to the principal investigators to facilitate the research work. The smooth implementation of the projects is ensured through providing funds in terms of the salary of the project staff in situations when the funds are exhausted and funding agencies take time to release the next

instalment. The university is actively considering establishing a separate cell in finance department to deal with project related issues to avoid delays.

3.1.4 How is interdisciplinary research promoted between / among different department/schools of the university and Collaboration with national/international institutes/industries?

While different departments are encouraged to undertake interdisciplinary research, the vision document of the university provides for the establishment of centres to promote interdisciplinary research. Two of the Centres have already been made functional. Since the university is in the initial stages of development, it is hoped that in times to come faculty of different departments shall come together to undertake interdisciplinary research.

However, the interdisciplinary research is going on in the following programmes
Education and Physics
Economics and Management
Computational Biology & Bio-informatics and Environmental Sciences
Social Work and Fine Art
Social Work and Education

3.1.5   Give Details of workshops/training programmes/sensitization programmes conducted by the university to promote research on the campus

The university since its inception organised   workshops, seminars, national conferences, international conferences, and training courses. The details are given in the table below:

Year	Seminars	Workshops	Orientation/Training Programmes
2010-11	-	2	2
2011-12	-	13	2
2012-13	-	15	2
2013-14	2	12	3
2014-15	-	36	1
2015-16	10	46	0
Total	12	124	10

3.1.6 How does the university facilitate researchers of eminence to visit the campus as adjunct professors? What is the impact of such efforts on research activities of the university?

The university from time to time invites eminent personalities to deliver lectures on different themes. The following eminent personalities have delivered lectures in the university. Since the university is in the initial stages of its development, the endowment lectures have yet not been instituted.

Lectures Delivered by Distinguished Experts

Sr. No.	Name of the Guest	Title	Date	Session
1.	Prof. Harbhajan Singh Soch, Former Vice- Chancellor of Guru Nanak Dev University, Amritsar	Interactive Session	31.01.2011	2010-11
2.	Prof. Harish Narang from JNU	Academic Writing & Post-colonialism and Literary Studies in India	3rd March to 9th March 2011	2010-11
3.	Professor K. Ramamurthy Naidu, Member, UGC India	Higher Education in India: Policy and Issues	23rd May 2011	2011-12
4.	Mr. Victor Hayes from Netherland, known as the father of Wi Fi revolution in the world	General Talk	8th February 2011	2011-12
5.	Prof. S L Kaushal, University Business School, HP University, Shimla	Emerging Issues in Human Resource Management	22nd March, 2012	2011-12
6.	Dr. Shankar Venkatagiri, IIM, Bangalore	"Technology-based Teaching using such open-source Learning Management System software as "Moodle"	25th April 2011	2011-12
7.	Prof. Sunil Sangra	Emerging Economies of the World	23rd August 2011	2011-12
8.	Mr. Robey Lal, an eminent expert in aviation sector and former Director, Airport Authority of India	Challenges before the Budding Managers in the ever-increasing Competitive Environment	29th August 2011	2011-12
9.	Mr. Rakesh Kanwar, Director, NHRM, Himachal Government	The Essential Qualities required in a Management Student	3rd October 2011	2011-12
10.	Mr. Shailen Sharma, GM (L-2), Tata Steel (the Netherlands), (earlier Corus Steel Europe), one of the youngest GM of Tata group of companies	Interactive Session	2nd February 2012	2011-12
11.	Mr. G. Mahesh Scientist E-2, NISCAIR, New Delhi	Web 2.0 & Web 3.0 Technologies and their application to Library and Information Sciences	6th June, 2011	2011-12
12.	Mr. G. Mahesh, Scientist E-2, NISCAIR, New Delhi	ACM Digital Library, IEE/IEEE, digitallibrary resources	6th June, 2011	2011-12
13.	Professor K N Nair, an eminent development economist and former Director, Centre for Development Studies, Trivandrum	Reforming Indian Agriculture under Liberalisation and Globalisation: Issues and Challenges	15th September, 2011	2011-12
14.	Sh. Arun Maira, Chancellor, Central University of Himachal Pradesh	Meet the Chancellor Programme		2012-13

15.	Prof Furqan Qamar, Formar, Vice-Chancellor, CUHP	Quantitative Research Methods	03-04, Dec, 2012	2012-13
16.	Padma Bhushan and Padma Shri Prof. B.N. Goswamy, Art Historian,	The Sense of Wonder: The World of the Indian Painter	20.01.2013	2012-13
17.	Prof. Sridhar Anandakrishnan, Pennsylvania State University, USA	Earth Processes and Glaciology	14.04.2012	2012-13
18.	Prof. Shamsher Ali, Bangladesh	Interaction with students and faculty members on the Innovative Methods of Teaching Science and Mathematics	11.09.2012	2012-13
19.	Prof. Arunodaya Saha, Vice-Chancellor, Tripura University	Talk on Benefits of Sustainable Development and development without destruction	27.09.2012	2012-13
20.	Dr. Shahnawaz, Director, UNIGIS Austria	Geoinformatics Application in Earth and Environmental Sciences	11.01.2013	2012-13
21.	Mr. S. R. Mardi, Additional DGP (CID & Prisons)	About the Factors of formation of an individual's attitude	10.01.2013	2012-13
22.	Prof. Alok Bhattacharya, JNU	INSA Lecture on "Packing DNA in cells"	08.02.2013	2012-13
23.	Mr. Nilabh Verma, Regional Trainer, Microsoft	General Talk	04.12.2012	2012-13
24.	Mr. Dev Sharma, Centre Technical Head, HCL Infosystems	General Talk	19.02.2013	2012-13
25.	Prof. Dagmar Oberlies, Frankfurt University, Germany	Diversity Discrimination and Inclusion	10.10.2012	2012-13
26.	Mr. Varun Rattan Singh, Chief Operating Officer, Srijan Dhauladhar Technologies	Entrepreneurship: Emerging Challenges and Opportunities	12.10.2012	2012-13
27.	Dr. Raju Narayan Swamy, Commissioner, Civil Supplies, Govt. Of Kerala	Intellectual Property Rights	01.11.2012	2012-13
28.	Prof. Gita Bamezai, Head, Development Communication, Indian Institute of Mass Communication, New Delhi	Development Communication	12.10.2012	2012-13
29.	Hon'ble Justice, R.S. Chauhan, Sitting Judge, Rajasthan High Court, Jaipur	1. Gender Sensitization 2. The Indian Constitution: The Panacea for Social Problems	25-26, April, 2013	2013-14
30.	Prof. Apporvanand, Dept. of Hindi, University of Delhi	Sahishnu Samaj mein Vishwavidyalaya ki Bhoomika	28.10.2013	2013-14
31.	Prof. Harish C. Narang, Formerly Professor & Head, DMiceparment	Ethics in Writing, Teaching and Research	29.10.2013	2013-14

	of English, JNU, New Delhi			
32.	Prof. Arlene Plevin, Dept. of English, Olympic College, Bremerton, Washington State, U.S.	General Talk		2013-14
33.	Prof. Satish Abib	Mysteries of Light: From Newton to Einstein	16.05.2013	2013-14
34.	Prof. R. C. Verma	Elementary Particles and Interactions		2013-14
35.	Mr. Vishav Sharma	Awareness Programme of Science Direct	25.10.2013	2013-14
36.	Prof. V.K. Jain, Vice-Chancellor, Doon University	Introduction to Atmospheric Dynamics	13.09.2013	2013-14
37.	Dr. Conrad Lindholm, NORSAR, Norway	Geohazards	30.10.2013	2013-14
38.	Prof. Gurupdesh Singh, Dept. of Eng, GNDU, Amritsar	Linguistic Turn in Literary Theory	15.10.2013	2013-14
39.	Prof. Anil Raina, Dept. of English and Cultural Studies, Panjab University, Chandigarh	Author in Literary Theory	15.10.2013	2013-14
40.	Prof. Gurmail Singh, Professor & Ex-Chairperson, Dept. of Economics, Panjab University, Chandigarh	Globalisation Aggravates Income Inequality Both in Developed and Developing Countries	29.11.2013	2013-14
41.	Prof. Krishan Kumar, Dept. of Education, University of Delhi, Delhi	Education in India	31.05.2013	2013-14
42.	Prof. Rama Mathew, Dept. of Education, University of Delhi, Delhi	Issues in Higher Education	07.09.2013	2013-14
43.	Prof. Avinash Kumar Singh, NUEPA	Equity Issues in Policy Making in Education	22.01.2014	2013-14
44.	Prof. Avinash Kumar Singh, NUEPA	Education of the Disadvantaged	22.01.2014	2013-14
45.	Prof. Ravi Shankar, IIT, Delhi	Nature of Supply Chain Management and Emergency Supply Chain Management		2013-14
46.	Prof. J. K. Mitra, Former, Head & Dean	Applicability of Management Techniques in Real Life		2013-14
47.	Mr. Tanvir Singh Noor, Founder & CEO, Milestone Consulting, Chandigarh	Employability Skills		2013-14
48.	Prof. Roshan Lal Raina, Dean, Planning and Development, IIM, Lucknow	Communication and Case Analysis		2013-14
49.	Mr. Abhinav Aggarwal, Expert from Securities and Exchange Board of India (SEBI)	Financial Planning for Execution		2013-14
50.	Prof. Karamjeet Singh, Director, UGC, ASC, PU, Chandigarh	Art of Thinking		2013-14

51.	Mr. Rahin Mittal, Head, EOS, Edu Ventures	Employment Opportunity in Retail Sector		2013-14
52.	Prof. Deepak Raj Gupta, Head, Dept. of Tourism, CU, Jammu	Contemporary Issues in Tourism	03.05.2013	2013-14
53.	Prof. S. P. Bansal, Vice-Chancellor, MAU, Solan, HP	Emerging Trends in Indian Tourism	10.01.2014	2013-14
54.	Mr. Nicheal Ginguld, Director, Strategy and Operations Rural Broadband and CEO, Airjaldi Networks	Connecting Rural Areas	16.04.2013	2013-14
55.	Mr. Mithilesh Mishra, IIIT, Allahabad	Fundamentals of Website Management and Web Technologies	May, 2013	2013-14
56.	Prof. Bir Bala Aggarwal, Chairperson, Dept. of Mass Communication, HPU, Shimla	Media Research	27.01.2014	2013-14
57.	Mr. Montek Singh Ahluwalia, Deputy Chairman, Planning Commission India	India's Economic Objectives and Prospects	04.04.2014	2014-15
58.	Mrs. Parbati Sen Vyas, Ambassador (Retd.)	India's Economic Relations with Some Major World Powers	27.08.2014	2014-15
59.	Mr. Arun Maira, Chancellor, CUHP	Reshaping India's Governance	02.12.2014	2014-15
60.	Prof. Arun Kumar Grover, Vice-Chancellor, PU, Chandigarh	Higher Education in India with special reference to developments in North-West Region	20.01.2015	2014-15
61.	Prof. Tito Marci, University of Rome "La Sapienza", Italy	For a constituent conception of citizenship and social inclusion: Rethinking the ethical and juridical topic of 'Hospitality'	20.02.2015	2014-15
62.	Dr. T. Ravi Kumar	Glory of Indian Culture	28.10.2014	2014-15
63.	Dr. Sudipto Paul Chowdhury, IISER, Mohali	String Theory		2014-15
64.	Dr. Ravi Pravesh Arya	Ancient Indian Wisdom: Some Reflections	17.02.2015	2014-15
65.	Dr. Aalim Weljie, Research Assistant Professor, University of Pennsylvania, USA	Oxalic and Diacylglycerol 36:3	04.03.2015	2014-15
66.	Prof. Chandra Mohan, Retired Professor, University of Delhi	Recent Trends in Literature and Research		2014-15
67.	Prof. Manju Jaidka, Eminent Academician of International Repute	Metanarratives	17.07.2014	2014-15
68.	Prof. Anil Raina Dept. of English, PU, Chandigarh	Literature and Sufism	22 January 2015	2014-15
69.	Prof. Anjoo Sharan Upadhyaya, Prof. Of Political Science, BHU, Varanasi	Women and Peace Building	20.2.2015	2014-15

70.	Dr. Ajit Kumar Jha, Editor, New Indian Express	Political Reporting	20-22, May, 2014	2014-15
71.	Prof. Pradeep Mishra	Open Educational Resources (OER)	20.03.2015	2014-15
72.	Prof. Ravi Shankar, IIT, Delhi	General talk of case study and project holistically from different functional areas of management	24.11.2014	2014-15
73.	Prof. Arbind Sinha, Mudra Institute of Communications, Ahmedabad & Prof. M Kasim, JMI, New Delhi	Broadcasting Contents Over Multiple Platforms	03.03.2015	2014-15
74.	Prof. Obaid Siddiqui, JMI< New Delhi	Radio as a member of Interaction	10.03.2015	2014-15
75.	Prof. Geeta Bemzai, IIMC, New Delhi & Prof. Iftekhar Ahmed, Director, Electronic Media Production Centre, IGNOU	Lecture of Communication, Research and Development	11.03.2015	2014-15
76.	Dr. Yashpaul Sharma, CIET, NCERT, New Delhi	National Repository of Open Educational Resources	November 28, 2014	2014-15
77.	Prof. Amrendara P. Behera, CIET, NCERT, New Delhi	A presentation on creation of E-Resources and Models for E-Resources Development	November 28, 2014	2014-15
78.	Prof. Amrendara P. Behera, CIET, NCERT, New Delhi	Digitization and uploading of resources on NRO ER in Computer lab	November 29, 2014	2014-15
79.	Prof. Amrendara P. Behera, CIET, NCERT, New Delhi	Creation and Evaluation of e-contents	November 29,2014	2014-15
80.	Prof. Avinash Kumar Singh, NUEPA, New Delhi	Empowerment of the Disadvantaged through Education: Policies & Practices	February 23, 2015	2014-15
81.	Mr. Rajinder Rajan Creative Communications, Hamirpur, Himachal Pradesh.	The Techniques of Film Making	23 November 2015	2015-16
82.	Dr. Sudhir Soni Rajasthan International Film Festival, Jaipur	Writing Script for Documentaries	23 November 2015	2015-16
83.	Mr. Sanjay Gaur nternational Institute for Media and Films, Jaipur	Producing short films	24 November 2015	2015-16
84.	Dr. Om Gauri Dutt Sharma Doordarshan Kendra, Jalandhar	Making Fiction Programmes for Television	24 November 2015	2015-16
85.	Sh. Virendera Singh Chauhan Department of Mass Communication and Journalism, Ch. Devilal University, Sirsa, Haryana	Reporting Development Stories	12 February 2016	2015-16
86.	Dr.Usha Bande, Principal (Retd.), Government College Cadre Himachal Pradesh; Former Fellow Indian Institute of Advanced	Resistance in Women's Writing	1 May 2015	2015-16

	Study, Shimla (HP)			
87.	Prof. Sudhir Kumar Professor of English (DES)- Multidisciplinary Research Centre, Panjab University, Chandigarh	Gandhi and His Relevance	31 October 2015	2015-16
88.	Prof. Sujata Raghuvansh, Faculty of Education University of Allahabad, Allahabad	Qualitative Educational Research	May 24, 2016	2015-16
89.	Prof. Amit Kauts Head & Dean Faculty of Education, Guru Nanakdev University, Amritsar	Progressive Development of Teachers	June 15, 2016	2015-16

3.1.7 What percentage of the university budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilisation

The university is spending considerable amount of money for creating research infrastructure in different departments, purchase of books, subscription of journals, e-resources, and maintenance of research laboratories. Approximates 40 per cent of the budgeted resources are spent on creating above mentioned research infrastructural facilities. The research projects funded by different agencies also help in creating research infrastructural facilities.

3.1.8 In the budget, do the university earmark funds for promoting research in its affiliated colleges? If yes, provide details

As mentioned above, the university does not have mandate for affiliating the institutions.

3.1.9 Does the university encourage research by awarding Post Doctoral Fellowships/Research Associate ships? If yes, provide details like the number of students registered funding by the university and other sources.

The university is newly established one and does not have its permanent campus and faces an acute space constraint. Because of these reasons, it has not yet started the scheme of awarding post doctoral fellowships. However, university encourages its doctoral students to apply for funding to different agencies like UGC, DST, CSIR, ICSSR, etc to continue their post doctoral research.

The University at present has one Post Doctoral Fellow Student (ICSSR)

3.1.10 What percentage of faculty have utilised the sabbatical leave for pursuit of higher research in the premier institutions within the country and abroad? How the university does mentors the output of these scholars.

Since the joining of regular faculty in the university in 2012, the university encourages its faculty to pursue short-terms advanced research programmes in the premier institutions both at home and abroad. A number of faculty members have obtained their post graduate and doctoral degrees from reputed institutions like JNU, University of Hyderabad and BHU. Two of the faculty members from environmental sciences and computational biology and bio-informatics have availed duty leave and have gone abroad to pursue their research programmes.

3.1.11 Provide details of national and international conferences organised by the university highlighting the names of eminent scientists/scholars who participated in these events.

International Conferences = 3 (Three)

3.2 Resource Mobilisation for Research

3.2.1 What are the financial provisions made in the university budget for supporting students' research projects?

In most of the departments, the research projects are part and parcel of the course curriculum. The students are provided support in terms of facilitating their field work and collection of data.

3.2.2 Has the university taken any special efforts to encourage its faculty to file for patents? If so how many have been registered and accepted?

The university encourages its faculty to engage in fundamental and applied research and file patents. Since we have recruited regular faculty only in 2012, there is no patent filed as yet.

3.2.3 Provide following details of the ongoing research projects

Sr. No.	Name of the Faculty	Title of the Project	Funding Agency	Amount
1.	Prof. Furqan Qamar	Project on Excellence in Higher Education (Completed)	University Grants Commission (UGC)	Rs. 2.30 Lakhs
2.	Prof. H .R. Sharma	Micro Enterprises In Rural Non-Farm Sector: An Empirical Study in Production, Marketing And Technology	University Grants Commission (UGC)	Rs. 7.33 Lakhs

3.	Prof. Ambirsh Kumar Mahajan	Consultancy Services for NHPC	NHPC	Rs. 9.12 Lakhs
4.	Prof. Ambrish Kumar Mahajan	Landslide monitoring of Tira Lines slide zone in Dharamshala region, Distt. Kangra (H.P.)	Department of Sciences & Technology (DST)	Rs. 19.99 Laks
5.	Prof. Ambrish Kumar Mahajan	Subsurface characterisation and its environmental implications using Engineering seismographs and Ground Penetration Radar	Ministry of Earth Sciences, Govt. of India	Rs. 65.28 Lakhs
6.	Dr. Anupam Sharma	Linking Vadose Zone Microbial Ecology and Geochemistry of Sediment Cores from Alluvial Mahi River Basin, Western India	Department of Science and Technology (DST)	Rs. 30.00 Lakhs
7.	Dr. Arbind Kumar Jha	Educational Socialization and Constraints in the case of SC and ST Children of Kangra District of Himachal Pradesh	Indian Council of Social Science Research (ICSSR)	Rs. 10.00 Lakhs
8.	Dr. Asutosh Pradhan	Project Director: Dr. Asutosh Pradhan, Title: Coping and Help-seeking Behaviour of Women Victims of Domestic Violence – A Study in Kangra and Mandi Districts of Himachal Pradesh	Indian Council of Social Science Research (ICSSR)	Rs.10.00 Lakhs
9.	Dr. Bhag Chand Chauhan	Phenomenological Studies on the Role of Neutrinos in Astrophysics and Cosmology, Funding Agency	University Grants Commission (UGC)	Rs. 11.70 Lakhs
10.	Dr. Deepak Pant	A Comprehensive Study on Natural Radiation Level in Lesser Himalayan Zone on the southern slopes of the Dhauladhar Range in Kangra Valley	Department of Atomic Energy BRNS, Govt. Of India	Rs. 33.89 Lakhs
11.	Dr. Deepak Pant	Extraction of Metals from Waste Lithium Battery Using Chemical and Biological Extraction Techniques (Hybrid Method)	Department of Science and Technology	Rs. 23.56 Lakhs
12.	Dr. Deepak Pant	Green Chemical recycling of polycarbonate plastic for the synthesis of valuable chemicals and epoxy compounds	Department of Science and Technology (DST)	Rs.18.68 Lakhs
13.	Dr. Manoj Kumar Saxena	Social and Educational Problems of Scheduled Tribes: A Study of Chamba District of Himachal Pradesh	Indian Council of Social Science Research (ICSSR)	Rs. 10.00 Lakhs
14.	Dr. Mushtaq Ahmed	Management of biotic stress by using antagonistic isolates of Trichoderma spp. In tomato vegetated temperate agro ecosystems	University Grants Commission (UGC)	Rs. 15. 80 Lakhs
15.	Dr. Mushtaq Ahmed	Studies on antagonistic isolates of *Trichoderma* spp. for Management of *Fusarium* wilt of tomato in	Department of Science and Technology	Rs. 25.00 Lakhs

			(DST)	
		tropical agro ecosystems		
16.	Dr. Sanjeev Gupta	An Empirical Study on Dynamics of Foreign Exchange Market in India	University Grants Commission (UGC)	Rs. 10. 44 Lakhs
17.	Dr. Sanjeev Gupta	Diffusion, Future Prospects and Viability for Adoption of Solar Energy in Himachal Pradesh	Indian Council of Social Science Research (ICSSR)	Rs. 5.00 Lakhs
18.	Dr. Ankit Tandon	Investigation of the Aerosol Dynamics and Development of a Technique to Determine the Baseline Aerosol Load in Urban Atmosphere	Department of Science and Technology (DST)	Rs. 24.72 Lakhs.
19.	Dr. Ayan Chatterjee	Mechanics and Thermodynamics of black holes in the theories of gravity and supergravity	University Grants Commission (UGC)	Rs. 6.00 Lakhs.
20.	Dr. Padmnabh Rai	Consultancy Services/Project on "Synthesize of Carbon based Materials for Scientific & Industrial Applications" with TRUSHNA EXIM	TRUSHNA EXIMA, Surat, Gujrat	Rs. 14.50 Lakhs
21.	Dr. Padmnabh Rai	UGC Start-up Grant	University Grants Commission (UGC)	Rs. 6.00 Lakhs
22.	Dr. Rajanish N. Tiwari, Dst Inspire – Assistant Professor	Development of carbon based materials for water desalination and purification	DST Inspire-Assistant Professor Programme	Rs. 35.00 Lakhs
23.	Dr. Rakesh Kumar	Stand Up Grant for New Recruited Faculty	University Grants Commission (UGC)	Rs. 6.00 Lakhs
24.	Dr. Sachin Kumar Srivastava	Start Up Grant for New Recruited Faculty	University Grants Commission (UGC)	Rs. 6.00 Lakhs
25.	Dr. Suman Sharma	Study on Scheme of Social Media as an Influencer among Foreign Tourists visiting India	Indian Institute of Tourism and Travel Management	Rs. 1.00 Lakh
26.	Dr. Surender Verma	Theoretical and Phenomenological aspects of Lepton Mass matrices in light of the Neutrino Oscillation Data	University Grants Commission (UGC)	Rs. 6.00 Lakhs
27.	Dr. Shailender K Verma	Genome wide identification of metal binding proteins in bread wheat	Department of Biotechnology, Govt. of India	Rs. 25.00 Lakhs
28.	Dr. Yusuf Akhter	Understanding the involvement of Staphylococcus aureus Tw Component Regulatory System GraRS associated operons in biofilm formation and development of antimicrobial resistance: An	Department of Biotechnology, Govt. of India	Rs. 65.00 Lakhs

		exploratory study of proteinprotein interaction for discovering novel antimicrobials		
29.	Dr. Yusuf Akhter	A project proposal on targeting novel prokaryotic ubiquitin like post-translational modification pathway for therapeutic interventions against Mycobacterium tuberculosis	University Grants Commission (UGC)	Rs. 17.15 Lakhs
30.	Dr. Yusuf Akhter	Genome-wide screening of outer membrane proteins in Mycobacterium avium subsp. paratuberculosis (MAP) K-10: a repertoire of candidate immunogens for translational medicine	SERB, DST, India	Rs.26. 00 Lakhs
31.	Dr. Yusuf Akhter	Identification of outer membrane proteins in Mycobacterium leprae and subsequent selection and analysis of epitopes to target immunogenic candidate proteins	Indian Council of Medical Research	Rs. 49.28 Lakhs
32.	Prof S. P. Bansal, Vice –Chancellor , Indira Gandhi University, Meerpur, Rewari, Haryana (PI) Prof. Yoginder S. Verma (Co-PI)	E-Pathshala	UGC	Rs. 105.00 Lakhs

3.2.4 Does the university have any projects sanctioned by the industry / corporate houses? If yes, give details such as the name of the project funding agency and grants received

The university is newly established and is located in a remote area where there is not much industry around. However, the faculty members are trying to identify areas which are of interest to the industry through interaction with the industry and setting their research agenda accordingly.

3.2.5 How many departments of the university have been recognised for their research activities by national / international agencies (UGC-SAP, CAS, Department with Potential Excellence; DST-FIST; DBT, ICSSR, ICHR, ACAR, etc) and what is the quantum of assistance received? Mention any two significant outcomes for breakthroghs achieved by this recognition.

Since the university is in the process of applying to UGC to recognise some of its departments on the basis of their work as Potential Excellence. However, as yet there is no such department which has received special assistance

3.2.6 a) Research Projects completed and grants received during the last four years (funded by national/international agencies)

Since the regular faculty joined in 2012 and 2013, practically all the projects awarded whose list is given above are still going on.

3.2.6 b) Inter institutional collaborative programmes and grants received

i. All India Collaboration

The university is trying to collaborate with the neighbouring institutions to start collaborative research. In this regard, it has signed MoUs with the following national institutions.

MoU WITH IIM AHMEDABAD

School of Business and Management Studies has signed an agreement with Indian Institute of Management Ahmedabad (IIMA) to access and download unlimited number of cases and technical notes developed by IIMA. IIMA will also provide necessary training and technical help to the faculty members of the school for developing cases as well as in using case study techniques in teaching pedagogy.

MoU WITH INFLIBNET

An MoU has been signed with the INFLIBNET to facilitate research scholars of the University to submit their theses into "Shodhganga: A Repository of Indian Electronic Theses and Dissertations", which *inter alia*, entitled the University to access all resources that UGC may provide either directly to the universities or through INFLIBNET Centre in terms of digitization of back-files of theses or access to software tools to deter plagiarism in theses and dissertations. The MoU with INFLIBNET will also facilitate researchers to submit their synopses into "Shodhgangotri: Repository of Indian Research in Progress". In time, ETDs would become more commonplace, grant-giving agencies and accreditation bodies like NAAC and AICTE would make judgments regarding innovative universities by taking note of these initiatives such as ETDs and IRs.

MoU WITH TERMINAL BALLISTICS RESEARCH LABORATORIES

An MOU has been signed between the Terminal Ballistics Research Laboratories (TBRL), Chandigarh and the Central University of Himachal Pradesh, Dharamshala to establish cooperative arrangements towards strengthening Indian Higher Education and Research through mutual understanding, exchange of information and facilities as well as expertise available at CUHP in the School of Physical and Material Sciences and TBRL. TBRL is part of the Defence Research Development Organisation (DRDO) under the Ministry of Defence, GOI. Dr. Manjit Singh, Director, TBRL and the Registrar of CUHP were the signatories to the MOU from either side. This is an effective measure to establish Defence - Academia Partnership for Research and Development as well as for Human Resource Development. This MoU will remain in force up to five years i.e. 2018 and it can be extended on mutual

agreement further. As a part of the MOU, research programmes and conferences of mutual interest shall be taken-up jointly. This agreement enables to launch courses in emerging fields which may be equally useful to TBRL for its ongoing R & D programmes. Such an effort will create opportunities for undertaking research in cutting-edge technologies in critical.

MoU WITH INSTITUTE OF HIMALAYAN BIORRESOURCE TECHNOLOGY(IHBT), PALAMPUR

An MoU has been signed with Institute of Himalayan Bioresources Technology (IHBT), Palampur to share common goals towards strengthening Indian Higher Education and research through natural resource sharing. CUHP and IHBT agreed to collaborate through sharing of infrastructural facility for pursuing research and RD programmes and knowledge in field of Biotechnology, Bioinformatics, Chemistry and Molecular Biology and in any either branches of Life Sciences and Chemical Sciences. MoU also provides for exchange of faculty in regular courses, and having collaboration in joint research projects by CSIR-IHBT scientists. It further provides that CSIR-IHBT and CUHP will work closely to generate appropriately trained manpower in the mutually identified areas of Science & Technology through organization of formal academic curricula, symposia, short-term training courses, etc.

MoU WITH INDIAN INSTITUTE OF ADVANCED STUD, SHIMLA

An MoU has been signed with Indian Institute of Advanced Studies, Shimla to enable the students of M. Lib to do internship at institute to familiarise them with hands on experience in several areas of academic librarianship.

ii. International

MoU WITH UNIVERSITY OF APPLIED SCIENCES,FRANKFURT, GERMANY

An MoU was signed between the University of Applied Sciences, Frankfurt, Germany and the Central University of Himachal Pradesh, Dharamshala to join hands in the sphere of academic & research programs, exchange of faculty, students & publications and other allied fields for furtherance of knowledge based enterprises, apt technical and management skills for future technology development, information exchange and work towards innovative & effective research, academic partnerships for Human Resource Development and R&D. The scope of the MoU will be to collaborate for research and teaching in the designated subjects of Social Work, Management, Economics, English & European Languages, Physical, Life Science and Environment Sciences, Education, etc. This MoU will remain in force up to five years and it can be extended on mutual agreement further. In July 2014, four students of the department of Social Work went to Frankfurt to attend Summer School in the University of Applied Sciences, Frankfurt.

3.3.2 Does the university have Information Resource Centre to cater to the needs of researchers? If yes provide details

The university library maintains the repository of thesis and research documents. The university is planning to provide thesis in the digital format for the use of the research scholars.

3.3.3 Does the university have University Science Instrumentation Centre (USIC)? If yes, have the facilities been made available to research scholars? What is the funding allotted to USIC?

The university at present does not have USIC. This is primarily because of the fact that it does not have its permanent campus/buildings and also there are only three science departments that have been started so far.

3.3.4 Does the university provide residential facilities (with computer and internet facilities) for research scholars post doctoral fellows, research associates, summer fellows of various academics and visiting scientists (national/international)?

The university provides hostels with internet facilities to both boys and girls including research scholars. The campus is well-connected to internet. The university library has access to INFLIBNET which helps both the students and faculty to access journal online.

3.3.5 Does the University have a specialised research centre / work station on-off campus to address the special challenges of research programmes?

The university at present does not have any such specialised research centre/work station.

3.3.6 Does the university have centres of national and international recognition / repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

Though the university is in its initial stages and does have not centres of national and international repute, the work done by the faculty has got recognition in terms of its publications in Journals of international repute which is precondition for for getting such centres of national and international excellence.

3.4 Research and Publication Award

3.4.1 Does the University publish any research Journal?

At present, the university does not publish its research journal but has a plan to start publishing a journal soon. The University was, however, publishing CUHP-CHRONICLE monthly till Jan, 2014 to documents all activities including research done by the faculty.

3.4.2 Give details of publications by the faculty

Number of papers published in peer review journals (national/international): 282
Non-peer review journals: 60
Conference proceedings: 49
Monographs:
Chapters in books: 44
Books edited:
Books with ISBN with details of publishers 1
Number listed in International data base (For e.g. Web of Science, Scopus, Humanities, International complete EBSCO host, etc): 131
Citation index:
SNIP
SJR
Impact Factor –range/average: 0- 11.23

h-index

The details of publications are available in the Department Evaluative Reports of different department given in volume II

3.4.3 Give details of faculty serving on editorial boards of national and international journals

Sr. No.	Name of the faculty and Department	Name of the Journals	ISSN/ISBN No.
1.	Prof. Yoginder Verma Department of Human Resource Management & Organisational Behaviour	Nice Journal of Business	0973-449X
2.	Prof. Yoginder Verma Department of Human Resource Management & Organisational Behaviour	Gyan – The Journal of Education	0972-992
3.	Prof. Yoginder Verma Department of Human Resource Management & Organisational Behaviour	Vision –Research Journal of Education	2230-9071
4.	Prof. Yoginder Verma Department of Human Resource	Apeejay Journal of Management and Technology	0974-3294

	Management & Organisational Behaviour		
5.	Professor H. R. Sharma Department of Economics	Indian Journal of Agricultural Economics	0019-5014
6.	Professor I V Malhan Department of Library and Information Science	IATLIS Journal of Library Education	2394-2045
7.	Professor I V Malhan Department of Library and Information Science	International Journal of Information Research	2249-8273
8.	Professor I V Malhan Department of Library and Information Science	SALIS e-Journal	0973-3108
9.	Dr. Manoj Kumar Saxena, Department of Teacher Education	Learning Community (An International Peer Reviewed Journal of Educational & Social Development), New Delhi.	ISSN: 0976 – 3201
10.	Dr. Manoj Kumar Saxena, Department of Teacher Education	The Online Journal of New Horizons in Education, An international e-journal) Sakarya, Turkey	ISSN: 2146 – 7374
11.	Dr. Manoj Kumar Saxena, Department of Teacher Education	NECST - Journal of Teacher Training, Ghaziabad	ISSN: 0975 – 4717
12.	Dr. Manoj Kumar Saxena, Department of Teacher Education	The Turkish On-Line Journal of Educational Technology, (An international e-journal), Sakarya (Turkey).	ISSN: 1303 – 6521
13.	Dr. Manoj Kumar Saxena, Department of Teacher Education	International Journal of Teacher Educational Research	ISSN: 2319 – 4642
14.	Dr. B. C. Chauhan Department of Physics and Astronomical Science	Journal of Nuclear Physics, Material Sciences, Radiation and Applications	2321-8649
15.	Dr. B. C. Chauhan Department of Physics and Astronomical Science	Journal of Geography and Geology	1916-9779
16.	Dr. Pradeep Nair Department of Mass Communication and Electronic Media	Asia Pacific Media Educator (SAGE)	1326-365X
17.	Dr. Pradeep Nair Department of Mass Communication and Electronic Media	Research in Health Science	2375-9747
18.	Dr Roshan Lal Sharma	JELL: A Bi-annual Journal of English Literature and Language	0975-6930
19.	Dr Roshan Lal Sharma	Conifers Call: Shimla Journal of Poetry and Criticism	0975-5365
20.	Dr Roshan Lal Sharma	World Journal of Gender and Literature	2349-1620
21.	Dr Roshan Lal Sharma	The Touchstone: An	2347-8799

		International Refereed Journal of English Literature and Language	
22.	Dr. Harsh Mishra, Assistant Professor Department of Journalism & Creative Writing	The Social Ion	2319-3581
23.	Dr Yusuf Akhter Centre for Computational Biology and Bioinformatics	BMC Microbiology published by BioMed Central, UK	1471-2180.
24.	Dr Yusuf Akhter Centre for Computational Biology and Bioinformatics	Cogent Biology published by Taylor & Francis, UK	2331-2025
25.	Dr Yusuf Akhter Centre for Computational Biology and Bioinformatics	Archives of Microbiology published by Springer, Germany	0302-8933
26.	Dr Yusuf Akhter Centre for Computational Biology and Bioinformatics	Protein and Peptide Letters published by Bentham Science Publishers, United Arab Emirates	0929-8665
27.	Dr Yusuf Akhter Centre for Computational Biology and Bioinformatics	Frontiers in Microbiology published by Frontiers Media (Lausanne, Switzerland)	1664-302X
28.	Dr Yusuf Akhter Centre for Computational Biology and Bioinformatics	Frontiers in Public Health published by Frontiers Media, Lausanne, Switzerland	2296-2565
29.	Dr Yusuf Akhter Centre for Computational Biology and Bioinformatics	Frontiers in Medicine published by Frontiers Media, Lausanne, Switzerland	2296-858X
30.	Dr Yusuf Akhter Centre for Computational Biology and Bioinformatics	Dataset papers in Science (Biophysics section) published by Hindawi, Egypt	2314-8497
31.	Dr. Dalip Singh Verma Department of Physics and Astronomical Science	Journal of Nuclear Physics, Material Sciences, Radiation and Applications	Print: 2321-8649; Online: 2321-9289
32.	Dr Manpreet Arora Department of Accounting and Finance	CU Global Management Review	ISSN: 2349-1078
33.	Dr Manpreet Arora Department of Accounting and Finance	International Journal of Retailing & Rural Business Perspectives	Print : 2279- 0934 Online :2279-0942
34.	Dr Manpreet Arora Department of Accounting and Finance	International Journal of Applied Business and Economic Research.	0972-7302
35.	Dr Aditi Sharma Department of Human Resource Management & Organisational Behaviour	Amity Global HRM Review	2250-060X
36.	Dr Khem Raj Sharma	Lapis Lazuli: An International Journal	2249-4529
37.	Dr Khem Raj Sharma	The Touchstone: An International Refereed Journal of	2347-8799

38.	Dr Khem Raj Sharma	English Literature and Language	
38.	Dr Khem Raj Sharma	The Aesthetica: A Peer Reviewed Journal of English Language and Literature	2278-2990
39.	Dr Khem Raj Sharma	The Literary Voyage	2348-5272
40.	Dr Khem Raj Sharma	Ad Litteram: An English Journal of International Literati	
41.	Dr KBS Krishna	The Rupkatha Journal on Interdisciplinary Studies in Humanities	0975-2935
42.	Dr KBS Krishna	Spring Magazine on English Literature	2455-4715
43.	Dr Hem Raj Bansal	Daath Voyage: An International Journal of Multidisciplinary Studies in English	2425-7544

3.4. 4 Provide details of

- Research awards received by the faculty: 24
- National and international recognition received by the faculty from reputed professional bodies and agencies
    - Professor Yoginder Verma, Common and Management Shiromani Award 2015 for outstanding contribution in Commrce and Management by HP ommerce management Association
    - Professor Yoginder Verma, Life Time Achievement Award 2011 DAV Institutions, 2011
    - Professor Yoginder VermaManagement Excellence Award, Commerce and Management Association, Punjab, 2010
    - Prof. H. R. Sharma elected member of the Editorial Board of Indian Journal of Agricultural Economics by Indian Society of Agricultural Economics.
    - Prof. Arvind Agrawal awarded as International Award for contribution to Sociology Association (ISA-RCSL).
    - Prof. Arvind Agrawal awarded as Co-Opted Member, RCSL (Research Committee on Sociology of Law) Board of ISA (International Sociological Association)
    - Dr. B.C. Chauhan awarded as Visiting Associateship, UGC-Inter University Centre for Astronomy & Astrophysics (IUCAA), Pune.
    - Dr. Roshan Lal Sharma, elected as Member, Executive Committee of the International American Studies Association (IASA).
    - Dr. Roshan Lal Sharma, elected as Member, Executive Committee of the Society for the Study of the Multi-Ethnic Literatures of the World (MELOW).

3.4.5 Indicate the average number of successful M. Phil and PhD scholars guided per faculty during the last four years. Does the University Participate in *Sodhganga* by depositing the PhD theses with INFLIBNET for electronic and dissemination through open access?

The first batch of the PhD students was admitted in 2011. The following students have completed their PhD degree

Sr. No.	Name of the students	Title of the thesis	School/Department
1.	Namrita Kalia	"Employee Engagement, Organizational Culture and Job Performance of Employees in Hospitality Industry: A Study of Himachal Pradesh"	School of Business & Management Studies
2.	Jatinder Kaur	"Evaluation of Financial and Non-Financial Parameters as Corporate Governance Indicators – A Comparative Study of Public and Private Sector Banks"	School of Business & Management Studies
3.	Sachin Kumar	"A Study of Green Marketing in North India"	School of Business & Management Studies
4.	Sanjeev Kumar	"Impact of Corporate Governance on Corporate Financing Decisions during Crises"	School of Business & Management Studies
5.	Puneet Sood	"An Appraisal of Employability Skills of Vocational Students: A Study of Himachal Pradesh"	School of Business & Management Studies
6.	Kalyani Hazri	"Critiquing Dalitization in M.C. Raj's Writings"	Department of English & European Languages
7.	Kirandeep Bala	'A Study of Growth Properties of Entire Monogenic Functions"	Department of Mathematics
8.	Bindu Rani	"A Study of Domestic Violence Against Married Women in Kangra District of Himachal Pradesh"	Department of Social Work
9.	Kanu Priya Pathik	"Autobiography as the Site of Contesting Gender Discrimination: A Study of Select Female Autobiographers"	Department of English & European Languages
10.	Monika Arora	"Some Problems on Magnetic Nanofluids"	Department of Mathematics

The university has signed an MoU with the INFLIBNET to facilitate research scholars of the University to submit their theses into "Shodhganga: A Repository of Indian Electronic Theses and Dissertations", which, *inter alia*, enabled the University to access all resources that UGC may provide either directly to the universities or through INFLIBNET Centre in terms of digitization of back-files of theses or access to software tools to deter plagiarism in theses and dissertations. The MoU with INFLIBNET will also facilitate researchers to submit their synopses into "Shodhgangotri: Repository of Indian Research in Progress.

3.4.6 What is the official policy of the university to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.

The university is very serious in checking the malpractices and plagiarism in research. The departmental level RMPC and supervisor are responsible for checking plagiarism in the thesis submitted by the candidate at the time of pre-submission seminar. The URKUND software is used to check plagiarism. A tolerance limit of 20 per cent is allowed. No case of plagiarism has yet been detected.

3.4.7 Does the University promote interdisciplinary research? If yes, how many interdepartmental / interdisciplinary research projects have been undertaken and mention the number of departments involved in such endeavours.

The university promotes interdisciplinary research through establishing various centres. As mentioned above, two such research centres have already been established. It is encouraging the faculty to undertake interdisciplinary research.

3.4.8 Has the University instituted any research awards? If yes, list the awards

The University has yet not instituted any such award

3.4.9 What are the incentives given to the faculty for receiving state, national and international recognition for research contributions?

Though the university is new, the faculty members have started receiving national and international recognition through getting post doctoral fellowships both at home and abroad.

3.5 Consultancy

3.5.1 What is the official policy for structured consultancy? List a few important consultancy undertaken by the university during the last four years

The university is in the process of framing its consultancy policy. However, till such times, the University has decided to follow CSIR guidelines for sharing the amount of consultancy between the scientists and the university. Some of the consultancy provided by the university is given below:

Sr. No.	Name of the Faculty	Title of the Project	Funding Agency	Amount
1.	Dr. Padmnabh Rai	Consultancy Services/Project on "Synthesize of Carbon based Materials for Scientific & Industrial Applications" with TRUSHNA EXIM	TRUSHNA EXIMA, Surat, Gujarat	Rs. 14,50,000.00
2.	Prof. Ambirsh Kumar Mahajan	Consultancy Services for NHPC	NHPC	Rs. 9,12,000.00

In addition, faculty members of the Department of Tourism and Travel Management, namely, Dr. Suman Sharma, Dr. Arun Bhatia, Dr. Debasis Sahu and Dr. S. Sundaraman are providing consultancy to a NGO called Environmental and Rural Awakening (ERA) which is implementing two community based tourism projects in the capacity of a consultant with Department of Tourism & Civil Aviation, Government of Himachal Pradesh funded by the Asian Development Bank.

3.5.2 Does the University have a university-industry cell? If yes, what is its scope and rage of its activities?

Yes, the university has constituted a university-industry cell. The functions of the cell, *inter alia,* are to promote university-industry interaction, inform the industry about the expertise available in the university and invite the industry to campus recruitment of the students, etc.

3.5. 3 What is the mode of publishing the expertise of the University for Consultancy Services? Which are the departments from where the consultancy is sought?

The details of the faculty along with their specialisation are available on the University website. While some departments like Environmental Sciences and Physics and Astronomy have provided paid consultancy, others are also providing unpaid consultancy like for example delivering lectures on special topics to the state government officials, serving on different committees and providing their inputs.

3.5. 4 How does the university utilise the expertise of its faculty with regard to consultancy services?

The university-industry cell has been asked to share with industry the expertise that is available in different departments of the university. On the part of the university, the rules governing the provision of consultancy and sharing of the consultancy amount between the consultant and the university have been made simpler and transparent.

3.5.5 List the areas in which the consultancy services provided by the University and the revenue generated during the last four years.

The consultancy services have been provided in the following areas.

i.   Seismic hazard analysis of Assam region has been conducted in the report submitted by IIT Roorkee in relation to Susausiri Lower Site Project which has been installed by the Assam Experts due to the chances of great earthquake in the region. The Ministry has sought the opinion of the faculty on the IIT report submitted earlier and later on asked for conducting detailed seismic hazard analysis of Susausiri Lower Site Project.

ii. The faculty provided consultancy service on Synthesis of Carbon Based Materials for Scientific & Industrial & Industrial Applications.

3.6 Extension Activities Institutional Social Responsibility (ISR)

3.6.1 How does the University sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience during the last four years

The University from time to time organises activities to create awareness among students and faculty about the Institutional Social Responsibilities (ISR). The activities undertaken by the university are listed below:

i.   On all important days such as World Environment Day, International Women Day, Blood Donors Day, AIDS Day and International Drug Abuse Day, the University organises the special programmes like competition among the students, procession rallies, general talks held to create awareness among students, faculty and staff

ii.   Swachh Bharat Programme is celebrated on 2nd October and campaign is launched.   The university has made it a regular activity and asks all to maintain cleanliness

iii.   The School of Tourism, Travel and Hospitality Management celebrates tourism week in the last week of September and undertakes several activities like cleanliness drive, tree plantation, cleaning and reviving traditional water sources, inviting school children and creating and educating them about moral values, and so on in the surrounding villages and thus creates awareness.

iv.   SPARSH Committee also organises various activities creating awareness among female students, faculty and staff.

v.   Organising earthquake awareness function wherein the students visit the nearby schools and villages on Earth Day. The awareness is also created regarding waste management and segregation of waste material.

All these programmes have created awareness not only among the students but also among the general public.

3.6.2 How does the University promote university-neighbourhood network and student engagement, contributing to the holistic development of students and sustained community development?

Under the Ministry of Human Resource Development ambitious project 'Unnat Bharat Abhiyan (UBA)' the University has adopted five (05) villages in its vicinity vide notification 1-6/sa.pr./hi.pr.ke.vi./2010/khand-IV/1409-12, dated 23rd Feb. 2016. The CUHP established a Social Development Cell vide notification 1-6/sa.pr./2013/bhag-IV/5239-42, dated 23rd Oct. 2015. The selected villages are Chhatri, Gram Panchayat Sihuvan, Sihuvan, Gram Panchayat Sihuvan, Bhaniyar, Gram Panchayat Manjhgran, Jallari, Gram Panchayat Manjhgran, Manjhgran, Gram Panchayat Manjhgran.

The Cell has initiated a number of activities for the development of these villages. Some these activities are listed below:

i.   **Swachh Bharat Abhiyan:** The students are engaged in Sanitation Campaign; Waste Management—Recycle & Reuse, encouraging families to construct toilets; allocation of dust bins; awareness generation on waste management in Dohab Village, Tehsil Shahpur, Dist. Kangra.

ii.   **Financial Inclusion:** Promoting the success of Pradhan Mantri Jan Dhan Yojna by facilitating the opening of Bank Accounts of the BPL families; establishment of SHGs among the village women; advocacy work of old age pension and widow allowances.

iii.   **Awareness generation Campaigns:** Awareness campaigns on various issues related to Maternal & Child Health, Ill effects of tobacco & alcoholism using IEC tools, Nukkad Natak, Drama, Raillies etc.

iv.   **Institution Building:** Organized Youth Clubs of boys & girls for Swachh Bharat Abhiyan; worked with Anganbari Kendras.

Keeping in view the objective behind the UBA, the plan of action has been devised with the help of the villagers to bring a transformational change in rural development processes. It is expected that the professional guidance of the human resource available in the CUHP will go a long way in improving the quality of life in the villages. The resources can help in proper implementation of policies, schemes and other rural development programs of the governments. Great efforts are to be put in for the best utilization of Govt. and public funds, so that benefits of the developmental endeavors must be reflected on the human face. Under this initiative, the Cell has planned to work in close conjunction with Centre/ State Govt. departments covering areas of Rural Development and Panchayati Raj; the issues of Drinking Water/ Sanitation, Health, Anti-Drugs, Stray Cattles and Agriculture, etc. It is further added that, in the interest of community, the Cell will collaborate with individuals/ organizations/ Foundations/ NGOs, who are working at the grass root level of society.

In addition to this, some other activities were also undertaken in close collaboration with the community and Yog-Dhara club of CUHP. Some of these activities are listed below:

1. **Yog-Shivir** at CUHP (30-11-2015 to 05-12-2015)
2. **Interaction Session** with Smart City Project members (09-03-2016)
3. **Program** on Life and Teachings of Swami Vivkananda (19-01-2016)
4. **Invited Lecture** on Yog and Ayurved by Prof. Y.K. Bhoon, DU (18-09-2016).
5. **Yog-Utsav** (03-05-2016 to 04-05-2016)
6. **International Yog Day** Celebration in the Manjhgran Village (21-06-2016).

3.6.3 How does the University promote the participation of the students and faculty in extension activities including participation in NSS, NCC and other National/International programme?

The University has initiated steps to start NSS and NCC programmes from the next academic year. One NSS Unit (Self Financed) has been sanctioned to CUHP

3.6.4 Give details of the Social Surveys, Research and Extension work, if any, undertaken by the University to ensure social justice and empower the under privileged and the most vulnerable sections of society

A number of surveys have been carried out by the students of different departments like Economics, Social Work and Sociology in different villages to study the problems faced by the villagers in general and poor in particular. These studies have brought awareness among villagers about their rights and various social evils. The list of some of these surveys is given below:

1	A Study on Problems Faced by Parents of Children with Special Needs: Impact of Disability in Family Life
2	Smart Cities and Social Inclusion: A Study in the Context of Slum Habitations in the City of Dharamshala
3	A Study on the Changing Social Status of the Gaddi Tribes of Village Gorda
4	A Study on the Impact of Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) on Rural Livelihood in Jadrangal Village
5	A Review of Prevailing Practices Exclusive Breast-Feeding: Recommendations & Suggestions
6	A Study on Street Vendors in Dharamshala, District Kangra, Himachal Pradesh
7	A Study on School Drop-Outs in Shahpur Tehsil, Kangra (H.P.)
8	A Study Status of Elderly People in Kangra District, Himachal Pradesh
9	A Study on Gender Sensitivity Among Students of Central University of Himachal Pradesh
10	A Study on Children Growing-up in a Violent Family
11	A Study on School Drop-Outs in Shahpur Tehsil, Kangra (H.P.)
12	A Study on Gender Sensitivity Among Students of Central University of Himachal Pradesh
13	A Study on Children Growing-up in a Violent Family
14	Awareness and knowledge on Reproductive Health and Hygiene among Adolscent Girls
15	A Study on Girls from Slums and Those who are Residents of Dharamshala Sub-urbs
16	Awareness and Attitude of People Towards Swachh Bharat Abhiyan
17	A Study on the Impact of Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) on Rural Livelihood in Bhuana Village
18	Knowledge, Attitude and Practices regarding Mid-Day Meal Programme among Parents
19	A Study on Gender Disparity in Families of Shahpur, District Kangra, Himachal Pradesh
20	A Comparative Study of Health Awareness Among Lactating Mothers in Slum & Non-Slum Habitations of Dharamshala Region
21	Creating a Smart City: Stakeholder Participation in Waste Management
22	Awareness of Sexual Abuse Among Adolescent Girls
23	Assessment of the Implementation of Integrated Child Development Scheme (ICDS) by Aganwari Centres in Kangra District (H.P.)
24	To Study the Economics of Polyhouse Cultivation (in Floriculture) in Kangra District (H.P.)
25	To Study the Economics of Polyhouse Cultivation (in Floriculture) in Kangra District (H.P.)
26	Mid Day Meal Scheme in Kangra (H.P.)
27	Implementation of Public Distribution System: An Empirical Study in the Villages of District Kangra (H.P.)
28	Analysis of Cultivation of Maize, Paddy and Wheat in District Kangra (H.P.)
29	Implementation of Public Distribution System: An Empirical Study in the Villages of District Kangra (H.P.)
30	The Mahatma Gandhi National Rural Employment Guarantee Act-2005 (MGNRGA)

31	The Role of Patanjali Ayurveda Ltd. in Transforming and Modifying Consumer Expenditure on Herbal/Ayurvedic Goods in India
32	Mid Day Meal Scheme in Kangra (H.P.)
33	Assessment of the Implementation of Integrated Child Development Scheme (ICDS) by Aganwari centres in Kangra District (H.P.)
34	The Role of Patanjali Ayurveda Ltd. In Transforming and Modifying Consumer Expenditure on Herbal/Ayurvedic Goods in India
35	Analysis of Cultivation of Maize , Paddy and Wheat in District Kangra (H.P.)
36	Economic Activities and Socio-Economic Condition of BPL Families in Nerti Panchayat of Kangra District (H.P.)
37	To Study the Impact of MNREGA on Economic Empowerment of Women in District Chamba (H.P.)
38	Economics of Wheat Production : A Study of Village Rajour , District Kangra, Himachal Pradesh
39	Public Vs Private School : A Comparison between the facilities and performance of the students in Tehsil Shahpur , District Kangra (H.P.)
40	Assessment of Implementation of ANTYODYA ANNA YOJANA (AAY) in Matour Village of Kangra District (H.P.)
41	An Analysis of Economics of Flour Mills in Kangra District (H.P.)
42	Livestock as a Secondary Source of Income in Sehwan Panchayat ,Tehsil Shahpur Kangra District (H.P.)
43	Economics of Maize Production : A Study Of Village Rajour , District Kangra, Himachal Pradesh
44	Economics of Poultry Farming
45	An Analysis of Mid Day Meal Scheme in Tehsil Shahpur Kangra District (H.P.)
46	Disbursement of Medium Term Agriculture Credit and Its Usages by Farmers : A Case Study of Cooperative Society Sehwan Kangra District (H.P.)
47	Assessment of Implementation of the JANANI SURAKSHA YOJANA (JSY) in Draman Panchayat District Kangra (H.P.)
48	Tea Garden Labours and Their Living Condition: A Case Study on Bundla Tea Estate of Palampur
49	Income and Consumption Pattern of Kachhyari Village and an Empirical Testing of Engel's Law
50	Livelihood Strategies of BPL Families in Rural Area : A Study of Hatli Village of Chamba District (H.P.)
51	Analysis of Poverty and Income Inequality in rural areas : A Case Study of Gola Village
52	Do India's Community Health Centres Stand Tall in terms of its Infrastructure and Perception – A Case Study of Shahpur Community Health Centre (CHC) in District Kangra
53	A Case Study of Patlikuhl Women Weaver's Society
53	Assessment of Pradhan Mantri Gram Sadak Yojana (PMGSY) in Kareri Village of District Kangra (H.P.)
54	A Critical Analysis of Pradhan Mantri Jan Dhan Yojana
55	Economic Analysis of Self Help Groups in Shahpur Panchayat
56	An Enquiry into the Implementation of Indira Awas Yojana in Bijhari Block of District Hamirpur (HP)

3.6.5 Does the university have a mechanism to track the students' involvement in various social movements / activities which promote citizenship?

The students' involvement in different activities is recorded. They are given certificates for involvement in different activities on the occasion of Annual Day.

3.6.6 Bearing in mind the objectives and expected outcomes of the extension activities organised by the University, how did they complement students' academic learning experience? Specify the values inculcated and skills learnt.

Different activities in which the students are involved have positive impact on their personality development in the following way:

- Planning and executing a programme
- Time management
- Leadership quality
- Problems in field surveys and data collection
- Managing logistics
- Working in group
- Sharing responsibilities
- Presentation and articulation
- Report writing

3.6.7 How does the university ensure the involvement of the community in its outreach activities and contribute towards the community development? Give details of the initiatives of the University which have encouraged community participation in its activities.

The university has introduced an unique course called "Community Lab" in all the programmes of study. The purpose of the introduction of Community Lab is, *inter alia*, to promote continuous interaction and flow of knowledge between the University and the people at grassroots level that would be mutually beneficial to the common people and the students, researchers, and academicians of the University. The introduction of the course on Community Lab enables students to apply theoretical knowledge acquired in the class room to real life situations in the community. It also contributes to development of appropriate interventions in various aspects of people's socio-economic and cultural life that included agriculture, health, education, environment, energy, local level political institutions, etc. Under this course, the students of each programme of study are required to work in villages and make intervention related to their disciplines. The students are given projects to work in the villages in this course in the disciplines of Social Work, Economics and Sociology and English.

3.6.8 Give details of the awards received by the institution for extension activities and/contribution to social /community development during the last four years

The NSS and other extension activities have been recently started and it will take time for these activities to get noticed. Hence the university has not received any award for extension activities

3.7 Collaboration

3.7.1 How University's collaboration with other agencies impacted the visibility identity and diversity of the activities on the campus? To what extent has the university benefitted academically and financially because of collaboration?

As alluded to above, the university is actively exploring ways in which it can collaborate with industrial organisations. However, the university has developed some linkages with different private sector organisation. Some of these collaborations are listed below:

- Collaboration with IHBT in conducting research and guiding Ph.D student.
- Collobration with the pradhans of adopted villages has helped village community in terms of health consciousness, awareness about environment and general education.
- Collaboration with local media, helped students of Journalism & New Media in getting practical exposures.
- Conduct of joint workshops with nearby colleges like Dronacharya.
- Colloboration with International Society for Sociology of Law resulted in the conduct of International Conference of Sociology of Law.
- Collaboration with Maharaja Agrasen University, Baddi for the execution of UGC-e-PG Pathsala Project in Management.
- Conduct of spoken tutorial in collaboration with IIT Mumbai.
- Development of OER Policy in collaboration with Commonwealth Educational Media Centre for Asia, New Delhi.

3.7.2 Mention specific examples of how these linkages promote

- Curriculum development
- Internship
- On the job training
- Faculty exchange and development
- Research
- Publication
- Consultancy
- Extension
- Students' placement
- Any other (please specify)

The linkages developed with some private organisations are helping in placement of students for summer training and for on the job training.

3.7.3 Has the university signed any MoUs with the institution of national / international importance /other universities/industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the university?

The university has signed MoUs with the following national/international institution:

i. All India Collaboration

The university is trying to collaborate with the neighbouring institutions to start collaborative research. In this regard, it has signed MoUs with the following national institutions.

MoU WITH IIM AHMEDABAD

School of Business and Management Studies has signed an agreement with Indian Institute of Management Ahmedabad (IIMA) to access and download unlimited number of cases and technical notes developed by IIMA. IIMA will also provide necessary training and technical help to the faculty members of the school for developing cases as well as in using case study techniques in teaching pedagogy.

MoU WITH INFLIBNET

An MoU has been signed with the INFLIBNET to facilitate research scholars of the University to submit their theses into "Shodhganga: A Repository of Indian Electronic Theses and Dissertations", which *inter alia*, entitled the University to access all resources that UGC may provide either directly to the universities or through INFLIBNET Centre in terms of digitization of back-files of theses or access to software tools to deter plagiarism in theses and dissertations. The MoU with INFLIBNET will also facilitate researchers to submit their synopses into "Shodhgangotri: Repository of Indian Research in Progress". In time, ETDs would become more commonplace, grant-giving agencies and accreditation bodies like NAAC and AICTE would make judgments regarding innovative universities by taking note of these initiatives such as ETDs and IRs.

MoU WITH TERMINAL BALLISTICS RESEARCH LABORATORIES

An MOU has been signed between the Terminal Ballistics Research Laboratories (TBRL), Chandigarh and the Central University of Himachal Pradesh, Dharamshala to establish cooperative arrangements towards strengthening Indian Higher Education and Research through mutual understanding, exchange of information and facilities as well as expertise available at CUHP in the School of Physical and Material Sciences and TBRL. TBRL is part of the Defence Research Development Organisation (DRDO) under the Ministry of Defence, GOI. Dr. Manjit Singh, Director, TBRL and the Registrar of CUHP were the signatories to the MOU from either side. This is an effective measure to establish

Defence - Academia Partnership for Research and Development as well as for Human Resource Development. This MoU will remain in force up to five years i.e. 2018 and it can be extended on mutual agreement further. As a part of the MOU, research programmes and conferences of mutual interest shall be taken-up jointly. This agreement enables to launch courses in emerging fields which may be equally useful to TBRL for its ongoing R & D programmes. Such an effort will create opportunities for undertaking research in cutting-edge technologies in critical.

MoU WITH INSTITUTE OF HIMALAYAN BIORRESOURCE TECHNOLOGY(IHBT), PALAMPUR

An MoU has been signed with Institute of Himalayan Bioresources Technology (IHBT), Palampur to share common goals towards strengthening Indian Higher Education and research through natural resource sharing. CUHP and IHBT agreed to collaborate through sharing of infrastructural facility for pursuing research and RD programmes and knowledge in field of Biotechnology, Bioinformatics, Chemistry and Molecular Biology and in any either branches of Life Sciences and Chemical Sciences. MoU also provides for exchange of faculty in regular courses, and having collaboration in joint research projects by CSIR-IHBT scientists. It further provides that CSIR-IHBT and CUHP will work closely to generate appropriately trained manpower in the mutually identified areas of Science & Technology through organization of formal academic curricula, symposia, short-term training courses, etc.

MoU WITH INDIAN INSTITUTE OF ADVANCED STUDY, SHIMLA

An MoU has been signed with Indian Institute of Advanced Studies, Shimla to enable the students of M. Lib to do internship at institute to familiarise them with hands on experience in several areas of academic librarianship.

ii. International

MoU WITH UNIVERSITY OF APPLIED SCIENCES, FRANKFURT, GERMANY

An MoU was signed between the University of Applied Sciences, Frankfurt, Germany and the Central University of Himachal Pradesh, Dharamshala to join hands in the sphere of academic & research programs, exchange of faculty, students & publications and other allied fields for furtherance of knowledge based enterprises, apt technical and management skills for future technology development, information exchange and work towards innovative & effective research, academic partnerships for Human Resource Development and R&D. The scope of the MoU will be to collaborate for research and teaching in the designated subjects of Social Work, Management, Economics, English & European Languages, Physical, Life Science and Environment Sciences, Education, etc. This MoU will remain in force up to five years and it can be extended on mutual agreement further. In July 2014, four students of the department of Social Work went to Frankfurt to attend Summer School in the University of Applied Sciences, Frankfurt.

3.7.4 Have the university-industry interactions resulted in the establishment / creation of highly specialised laboratories / facilities

As yet no such specialised laboratories are established. One of the important reasons is the severe space shoratage. It has not been able to provide adequate space for lecture halls, sitting space for teachers, labs, common rooms for students and for various other activities like NSS, NCC, IQAC, Youth Counselling Cell, UGC Chairs, DSW Office, Deen Dayal Upadhaya Kaushal Kendra, etc.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1   Physical Facilities

4.1.1   How does the University plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

Since we are in an evolving stage, we introduce one or two new courses each year. In each semester, the overall supervision of the infrastructure in all departments is done and depending on the need, the maintenance and allocation of infrastructure is carried out. We do not have our permanent campus as yet. CUHP is functioning from a building given by the Government of Himachal Pradesh. However, to ensure the optimal utilisation of the available space, some School functions from Monday to Friday while others function from Tuesday to Saturday. Not only that we run the programmes in two shifts. The first shift starts from 8.30 a. m. to 3.30 p. m., the second starts from 11.30 a. m. to 5.30 p. m. The details of the physical facilities available are given below in the table. Similalry, B.Voc Programme in 9a) Mass Communication and (b) Marketing and Financial Services are run on Saturdays, Sunday and Monday and during remaing four days they remain in the field.

FACILITIES	DETAILS
Classrooms/Lecture Theatre	▪ Six state of the art Classrooms with the seating capacity of 50 each ▪ Six state of the art Lecture Theatres with the seating capacity of 90 each ▪ Seven smart classrooms/Lecture Theatres. ▪ Two Rooms for Group Discussion/Projects/Workshops with a capacity to accommodate 20 persons ▪ All classrooms are equipped with Multimedia projector/Internet connectivity
Seminar Room/Conference Hall	▪ One Conference Hall with the seating capacity of 250 persons ▪ One well-equipped Seminar Hall with the seating capacity of 140 persons
Laboratories	▪ Physics Laboratory ▪ Environmental Sciences Lab. ▪ Computational Biology's Computer Lab. ▪ IT Lab.
Office Space/Workstations/Counters:	▪ Three chambers and offices for the senior officers of the University ▪ Central office comprising reception, cash counters, two cabins and six workstations ▪ Strong Room for examination and other confidential records
Faculty Rooms/Cubicles/Workstation	▪ Seven fully furnished cabins for Deans/Heads/Professors ▪ Seven Workstations for Offices of the Schools/Departments ▪ Seventy Seven Workstations for Associate Professors/Assistant Professors ▪ Two workstations for COE's office staff
Library & Information Resource Centre (LIRC)	▪ 11 Terminals for electronic access to catalogue and e-resources ▪ Reading Room with seating capacity of about 40 persons at a

	time
	▪ Lockers for about 100 persons
	▪ Chamber for the Librarian/Store Room/Photocopying facility
	▪ Software of University Libraries (SOUL) from the INFLIBNET;
	▪ E Resources through UGC-INFONET provided by INFLIBNET
Other Facilities	▪ Facilities for purified drinking water
	▪ Photocopying facility for students and staff on payment basis
	▪ Mini gym/activity rooms/playground with skeleton facilities
	▪ The University has canteen facility through Nescafe outlet
Internet Connectivity	▪ 1 GBPS connectivity under the National Knowledge Network (NKN)/NME-ICT
LAN/Wi-Fi	▪ Local Area Network (LAN) and Wi-Fi connectivity throughout the Temporary Academic Block
Research Scholars' Labs	▪ The University has a fully computerised three research labs with the seating capacity of 114 scholars.
Computing Facility	▪ The University has about 243 Desktops, 17 Workstations and 47 Laptops for IT Lab, Teachers and office of the Temporary Academic Block and Camp Office.
Communication Facility	▪ Five landline telephone connections; ▪ 64 line EPBAX system has been installed.
Generator Facility	▪ 320 KVA generator facility providing round the clock power back-up
Video Conferencing Facility	▪ NKN based video conferencing infrastructure
Canteen Facility	▪ Canteen
Photocopy Facility	▪ Central Facility (2 nos. Copier, and 1 no. Duplicator) / Outsourced photocopy facility
ATM Facility	▪ Canara Bank's ATM facility at Temporary Academic Block, Shahpur

Classroom and Lecture Theatres

The TAB has adequate classrooms and lecture theatres to cater to the present needs of the Programmes of Study being launched by the University. Classrooms are well-furnished and equipped with requisite multimedia aids for teaching.

4.1.2. Does the University have a policy for the creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

Yes, as already mentioned, infrastructure is procured whenever the need arises, given the limited space available to us.
No space of the building is left unused.
Even small cabin-cum-classrooms have been created for classroom teaching.
The University has recently established the Deen Dayal Upadhyay Kaushal Kendra and courses are being offered under its aegis.
Each faculty has been provided with a personal laptop as well.

4.1.3. How does the University create a conductive physical ambience for the faculty in terms of adequate research laboratories, computing facilities and allied services?

Each faculty has been allotted a separate cabin, a desktop with internet facility and a printer.
Laboratories with adequate facilities have been created wherever required.
Access to e-resources through INFLIBNET

4.1.4. Has the University provided all departments with facilities like office room, common room and separate rest rooms for women students and staff? Yes

Presently we are having nearly two departments housed in the same hall where cabins have been created for sitting purpose.
One cabin in the hall serves as the office.
Efforts are under way to make separate rest rooms for girl students and staff

4.1.5. How does the University ensure that the infrastructure facilities are disabled-friendly?

Since the present building is given to us by the government, it is not disabled friendly like for example having the facility of ramp. We also till now did not have any disabled student finding it difficult to climb up to the first and second floors. However, the university has taken a decision that in case of such students the classes shall be arranged on the ground floor itself.

Other disabled students if they face any problem, he/she can approach the Dean Students' Welfare and register his/her grievance. Consequent upon that, the DSW redresses the concern of the student.

The scribe facility is also open to any disabled student if any such student makes a request.

4.1.6. How does the University cater to the requirements of residential students? Give details of Capacity of the hostels and occupancy (to be given separately for men and women)

The University has hired two buildings with inbuilt facilities for hostels at Kangra and Dharamshala. Both the hostels have all facilities to create right kind of academic ambience. The facilities available are listed below.

Boys Hostel

Sr. No.	Number of Seats	Occupants
1.	100	81

- Recreational facilities in hostel/s like gymnasium, yoga centre, etc.
- Gymnasium
- Playground
- LED
- Carom Boards
- Table-Tennis Board

- Broadband connectivity/wi-fi facility in hostels.
- 24x7 wi-fi connectivity

Girls Hostel

Sr. No.	Number of Seats	Occupants
1.	60	57

- Recreasional facilities in hostel/s like gymnasium, yoga centre, etc.
- Gymnasium
- LED
- Carom Boards
- Table-Tennis Board
- Broadband connectivity/wi-fi facility in hostels.
- 24x7 wi-fi connectivity

4.1.7   Does the University offer medical facilities for its students and teaching and non-teaching staff living on campus?

Yes. The University has hired the medical services of doctors from Government Medical College, Tanda. The doctors visit the campus on every alternate day and remain there from 10 a. m. to 4 p.m.

In the emergency situations, the patients are taken to nearby hospitals.

The University is in the process of recruiting one male doctor and one female doctor on a regular basis against the vacancies sanctioned by the UGC.

4.1.8   What special facilities are available on campus to promote students' interest in sports and cultural events/activities?

Though we do not have our own playground, we use the play ground of the government degree college located nearby

We have created two small playgrounds which are used for the games of Badminton and Volley ball

Every year various cultural and sports events are organized

Cricket tournament, Volleyball competitions, Carom Competitions, Football Competitions, Badminton Competitions are organized in both Men & Women categories.

Talent Hunt is organised each year to screen students in singing, dance, skit, mime, modelling so that the selected could participate in the Competition.

Besides, the Departmental/School level activities are also organized in various Schools/Departments to mark various days, as Hindi Day, Earth Day, Environment Day, Tourism Day and Shakespeare Day, and so on and students actively participate.

4.2. Library as a Learning Resource

4.2.1 Does the Library have an Advisory Committee? Specify the composition of the Committee. What significant initiatives have been taken by the committee to render the library student/user friendly?

There is one statutory University Library Advisory Committee constituted as per Ordinance 20 whichhas the functions to frame rules, allocate funds, and formulate proposals for development of library.

4.2.2 Provide detail of the following:

Total Area of the Library (in Sq. Mts) = 576 Sq. Mts. Approx.

Total seating capacity = 40

Working hours (on working days, on holidays, before examination, during examination, during vacation)

Working Days/Vacations = 09:00 am to 05:30 pm

Holidays- Remains Closed

Layout of the Library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources) Clear and prominent display of floor plan; adequate sign boards; fire alarm; access to differently-abled users and mode of access to collection
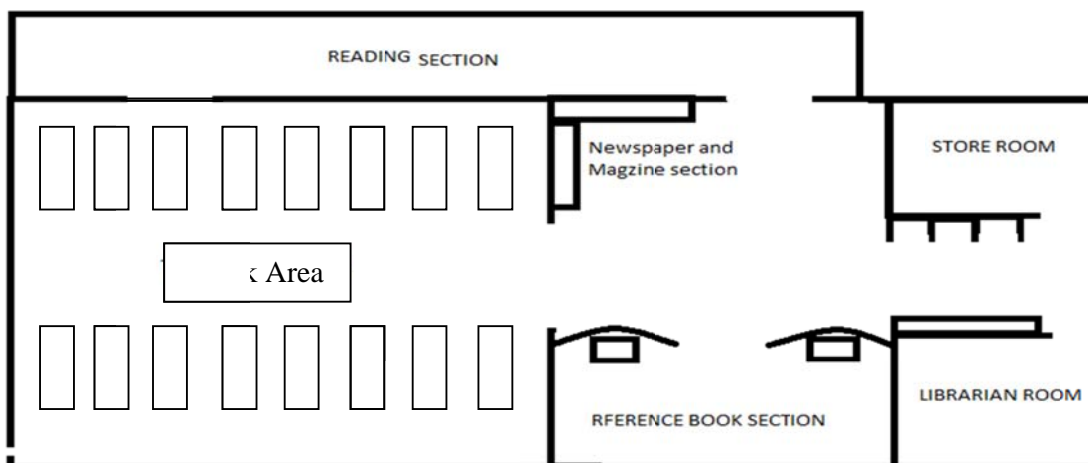
Floor Plan: Since we are having library on the top floor only, so there is no floor plan as such. Moreover, this is a hired building we cannot create additional floors

Sign Boards: Displayed wherever required.

Fire Alarms: There are no fire alarms but the University is in the process of installing some in the due course of time.

Access to differently-abled Persons: No

Accessing E-Resources:

E-Resources can be accessed and utilised from any place on the campus through wi-fi/broadband connectivity using DELNET and outside campus through EzProxy via official Email-Ids allotted to Faculty, Staff and RD Scholars.

4.2.3. Give details of the library holdings:

a)   **Print (Books, Back Volumes and Thesis)**
      Print Books- 20489
      Thesis - 10
      Back Volumes - 0
  b) **Average number of books added during the last three years**
      12487
  c) **Non Print (Microfiche, AV)**
      E-Books through DELNET
  d) **Electronic (e-books, e-journals)**
      E-Journals-31
  e) **Special collection (e.g. text books, reference books, standards, patents)**
      Text Books- 550 approx.
      Reference Books - 1080 approx.
  f) **Books Banks:** No
  g) **Question Banks:** Yes

4.2.4. What tools does the library deploy to provide access to the collection?

- **OPAC**
  (https://soulserver-pc/webopac) available only on the University Intranet
- **Electronic Resources Management package for e-journals:** No
- **Federated searching tools to search articles in multiple databases:** J GATE
- **Library Website:** It is in the process of being designed
- **In house/remote access to e-publications:** EZ Proxy

4.2.5 To what extent is ICT deployed in the library? Give details with regard to

- **Library Automation:** Soul 2.0
- **Total number of computers for general access:** 06
- **Total number of printers for general access:** 04

- **Internet bandwidth speed (2 MBPS, 10 MB, 1 GB):** 1 GB
- **Institutional Repository:** The process has been initiated
- **Content management system for e-learning:** In the process of completion
- **Participation in resource sharing networks/consortia (like INFLIBNET):** INFONET, DELNET

4.2.6   Provide details (per month) with regard to

- **Average number of walk-ins:** 1154
- **Average number of books issued/returned:** Issued- 858; Returned- 598
- **Ratio of library books to students enrolled:** 1:20
- **Average number of books added during the last four years:** 15130
- **Average number of login to OPAC:** 1000
- **Average number of login to e-resources:** 500
- **Average number of e-resources downloaded/printed:** 400
- **Number of IT (Information Technology) literacy trainings organised:** 02

4.2.7   Give details of specialized services provided by the library with regard to

- **Manuscripts-** No
- **Reference-**Yes
- **Reprography/Scanning-**No
- **Inter-Library Loan Service-** Through DELNET
- **Information Deployment and Notification**
- **OPAC-** Yes
- **Internet Access-** Yes
- **Download-**Yes
- **Printouts-** Yes
- **Reading list/ Bibliography-** Yes compilation
- **In house/remote access to e-resources-** Yes
- **User Orientation-** Yes
  The department of Library and Information Science has organized five workshops in collaboration with LIS Science etc.
- **Assistance in searching Databases:** Yes
- **INFLIBNET/IUC Facilities:** Yes, INFLIBNET and Access to E-Journals

4.2.8   Provide details of the annual library budget and the amount spent for purchasing new books and journals

Year	Expenditure on Books and publications (Rs.)
2010-11	8,11,071
2011-12	21,25,209

2012-13	37,21,885
2013-14	60,69,406
2014-15	71,97,357
2015-16	33,01,946

4.2.9 What initiatives has the University taken to make the library a 'happening place' on campus?

- Library remains open during vacation.
- Books are issued in an easier process as E-Ids have been allotted to faculty and students.
- Workshops are organized to make students and research scholars learn use of E-resources.
- Need based new journals and magazines are regularly subscribed to.
- Students are encouraged to consult books in library for their academic assignments.
- The books recommended by the faculty members are procured on priority

4.2.10 What are the strategies used by the library to collect feedback from its users? How is the feedback analysed and used for the improvement of the library services?

- Suggestion Box has been put to seek feedback and suggestions from the readers.
- Feedback from Deans, Heads and other Faculty members.
- Visitors from outside are asked to write their comments regarding their experience of using the library.

4.2.11 List of efforts made towards the infrastructural development of the library in the last four years.

- Efforts to use the available space optimally.
- Glass cabins with good seating capacity have been installed.
- More closets have been purchased.
- Separate Books Sections have been created.

4.3 IT Infrastructure

4.3.1 Does the university have a comprehensive IT policy with regard to

IT Service Management	IT and other general management approaches adopted: Policy adopted for uploading of any document on the website after going through sequential steps, notifications, orders, Selection List, Waiting List, enabling Online submission of application form for admission to various programmes, etc. and IT related license agreement with different agencies for subscription/e-resources are done after receiving the due approval by the competent authority.
Information Security	Huawei Eudemon 200E series firewall and UTM solution is used for

	user authentication, filtering of contents and recording of logs of the user activities.
Network Security	User Policy is in place that allows user with 512kbps -1 Mbps bandwidth,1-2 mbps for Faculty and Staff, Dean and Competent Authorities with 2-5 Mbps bandwidth. Misuse of bandwidth is being controlled by restricting certain websites, permitting authorized users to access subscribed resources from anywhere through Ezproxy. Allowing the use of Official Email-Id, troubleshooting the error messages for a permitted list of users only.
Risk Management	The University website is hosted with CDAC Noida which uses their data centre facilities for extending such services that take care of safety from Server Failure, provides defence from external attacks Email Services are hired from ERNET India that also takes care of its continuity plan to avoid any unforeseen event.
Software Asset Management	Tally is used for implementing financial accounting, etc. CMIE prowess is used for providing access to students for accessing business data that help the students in their academic and research activities.
Open Source Resources	Ezproxy, attempt is made for e-LMS using Moodle, encourage the use of open source software and operating systems in the university.
Green Computing	Energy Star or other energy saver compliant monitor / devices are preferred. Use of printers that automatically go to standby after sometime, thereby saving power and increasing the lifetime of the device.

4.3.2 Give details of the University's computing Facilities i.e., Hardware and Software

No. of System with Individual Configurations

HP MT 3090 desktop , Intel(R) core(TM2 duo e7600 @ 3.6 GHz 3.07 Ghz), 320 GB HDD, 2 GB RAM	70 nos
HP P6328in Intel core i3 processor,03 GB RAM, 320 GB HDD	04 nos
HP Compaq Elite 8200 l Intel (R) core(TM i7 -2600 cpu@ 3.40 GHz 3.07 Ghz) 500 GB HDD	100 nos
HP Compaq Elite 8300 l Intel (R) core(TM i7 -2600 cpu@ 3.40 GHz 3.07 Ghz) 4 GB RAM, 500 GB HDD	54 nos
Desktop Camp office	15 nos
Workstation Z820 HP	15 nos
Workstation HP	02 nos
Laptops (Lenovo + dell+ HP)	47 nos
MFP Laserjet Printer M1216mf	10 nos
HP Laserjet 1108P	90 nos

Computer-Student Ratio: 1:1
Dedicated Computing Facilities: Hired Web hosting and Email Services from CDAC Noida and ERNET India for business
LAN Facility=286 nodes
Proprietary Software= CMIE Prowess
No. of Nodes/ Computers with Internet Facility= 286

Any other: Wifi Facility using Ubnt Nano Station – 6 nos. and indoor WAP D-Link – 8 nos.

4.3.3   What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

- Procuring Blade Server for providing various computing facilities
- Procuring Information Kiosks such as Digital Notice Board, Video Conferencing System,
- Adopting Online Admission and Examination System
- Design, Develop and Maintenance of Website with provision for person with disability
- Providing Wi-Fi campus connectivity on different locations under MHRD-NMEICT Project
- Adopting E office solution for office automation

4.3.4   Give Details on Access to on-line Teaching and Learning resources and other knowledge and information database/packages provided to the staff and students for quality teaching, learning and research.

- Cambridge University Press
- Economic & Political Weekly
- Emerald
- ISID
- JCCC
- JSTOR
- Oxford University Press
- Project Muse
- Springer Link
- Taylor and Francis Online
- Wiley-Blackwell
- J Gate

4.3.5   What are the new technologies deployed by the university in enhancing student learning and evaluation during the last four years and how do they meet new / future challenges?

Planning to adopt ELMS (E-learning Management System)

4.3.6   What are the IT Facilities available to individual teachers for effective teaching and quality research?

Smart boards, Document Camera and E-podium are provided in some of the Classrooms/ Seminar Hall for delivering interactive lectures.

4.3.7   Give Details of ICT-enabled Classrooms / learning spaces available within the university? How are they utilized for enhancing the quality of teaching and learning?

- Six state of the art Classrooms with the seating capacity of 50 each
- Six state of the art Lecture Theatres with the seating capacity of 90 each
- Seven smart classrooms/Lecture Theatres.
- Two Rooms for Group Discussion/Projects/Workshops with a capacity to accommodate 20 persons

All classrooms are equipped with Multimedia projector/Internet connectivity. They are utilized for interactive learning and capturing lectures while delivering so that they can be uploaded later on for online availability of lectures to students.

4.3.8. How are the faculty assisted in preparing computer-aided teaching-learning materials? What are the facilities available in the university for such initiatives?

Technical team assists in providing technical help for preparing computer-aided teaching learning material.

4.3.9 How are the Computers and their accessories maintained?

The computers and other accessories are maintained through AMC with concerned firms/suppliers

4.3.10 Does the university avail of the National Knowledge Network Connectivity? If so, what are the services availed of?

Yes, it is connected through NKN. Both hardware and software based Video Conferencing facilities are being availed.

4.3.11 Does the University avail of Web Resources such as Wikipedia, Dictionary and other education enhancing resources? What are its policies in this regard?
Yes

4.3.12 Provide Details on the Provisions made in the annual budget for the update, deployment and maintenance of computers in the university.

Central Facilities at TAB = Rs. 1765 lakhs

Establishment of CUHP-Provision of Capital Works for Infrastructure for Creation of Infrastructure for creation of infrastructure of the university = Rs. 1973.51 lakhs

4.3.13 What plans have been envisioned for the gradual transfer of teaching and learning from closed university information network to open environment?

The university has established Innovative Teachers Club which among others aims at Provisions of MOOC for selecting some courses by the students. The objectives and activities are to enrol and learn from e-learning courses, a working knowledge of MOODLE, an e-learning platform for creating and managing an e-course; to conduct workshops for giving hands-on exposure to creating e-video content, assignments, etc. to create instruments for innovation to take shape and to train students to become innovative teachers by giving them opportunities to share the knowledge they have acquired with students of lower classes. The Club is engaged in activities like creating e-content for the courses; creating innovative products which could enhance creative teaching, conducting workshops to disseminate the innovative ideas; engage in Community Lab to benefit the school and college students and developing interactive lecture tools and demos for various courses

4.4 Maintenance of Campus Facilities

4.4.1   Does the University have an estate office/designated officer for overseeing the maintenance of building, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

The University as yet has no estate office for overseeing the maintenance of the building. As mentioned above, the building belongs to the state government and its maintenance is looked after by the PWD. However, the University has made arrangements to ensure maintenance of class rooms and laboratories from time to time. The Junior Engineer is entrusted with the task of looking after the maintenance work. And whenever, any complaint is received about the non-functioning of any infrastructural facilities, it is immediately addressed.

4.4.2   How are the infrastructure facilities, services and equipments maintained? Give details.

- Each faculty is allotted a specific number on the desktop, closet, PCU and keyboard.
- The number of chairs is counted each semester in each room.
- For any repair of Godrej closets, mechanics are often invited as and when any necessity arises.
- Based on the need, orders are placed for equipments.
- Both boys and girls hostels are got vacated after the end term examinations and the required repair work is done in different rooms.
- Annual Maintenance Contracts are signed with different firms supplying the equipments

Any other information regarding Infrastructure and Learning Resources which the University would like to include.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1   Student Mentoring and Support

5.1.1   Does the university have a system for student support and mentoring? If yes, what are its structural and functional characteristics?

Central University of Himachal Pradesh takes care of its students to help them in academics, co-curricular, extra-curricular activities, sports and cultural events for their overall development.

In academics, the highly qualified faculty imparts the best education to students. Different innovative methods of teaching are adopted to make classrooms more active and interactive. Extensive use of ICT is made to teach in the most effective manner. Various activities like seminars, quizzes, presentations, group discussions, projects, talks and guest lectures from academia & industry are organised from time to time. The campus is fully Wi-Fi enabled to provide connectivity to the students.

Teachers apart from performing the duties of being teachers alone also act as mentors. They share all the information with the students regarding students support from time to time in the classroom and at other platforms. The Dean Students Welfare also provides all the support and information to the students about various opportunities, scholarships and other schemes related to students' welfare and development through issuing notices, etc.

University departments have made provision for academic mentoring. Main focus of mentoring is to assist students in improving their academic learning and overall development of their personality. Some of the activities undertaken during mentoring include- clearing doubts of students, facilitating students to use additional/e-resources to enhance their learning, providing additional support to slow and advanced learners, conducting mock interviews/panel discussion/group discussion/sharing case studies of successful personalities, and grooming students to compete for careers, etc.

5.1.2   Apart from classroom interaction, what are the provisions available for academic mentoring?

The progress of the students is monitored through a number of activities. Some of the activities are as follow:
a) Talks and workshops by external experts on various topics like SPSS, soft skills, etc.
b) Industrial visits
c) Field visits
d) Community Labs
e) Grooming students to participate and to present papers in various seminars, conferences etc.

Apart from these activities students have free access to the teachers, Heads of the departments, Deans of the school, Dean Students' Welfare, Proctor and other officers of the university in the event of any difficulty. The students have advised to contact the concerned functionary of the university through/phone in case of any problem.
The library of the university has wide collection of books, print journals, e- resources, etc to provide wide range of reading material to the students.

5.1.3   Does the university have any personal enhancement and development schemes such as career counselling, soft skill development, career-path-identification, and orientation to well-being for its students? Give details of such schemes.

Yes, the University has established Students Counselling Cell. It, among other things, offers career counselling, soft skill programme and training and placement support to students. In addition, guest lectures and student interaction sessions are conducted by the academicians, subject experts, entrepreneurs and other resource persons for career identification and orientation.

University offers compulsory skill development and human making courses each of 4 credits. Training and Placement Cell of Management, Social Work and Travel and Tourism help the students to get summer training and campus placements. Different departments organise workshops and orientation programmes in employability skills. Further, Yoga camps are organized to improve well-being of students.

5.1.4   Does the university provide assistance to students for obtaining educational loans from banks and other financial institutions?

Yes, the University provides assistance to students for obtaining educational loan from banks and other financial institutions. The university facilitates the students by issuing necessary and supporting documents.

5.1.5   Does the university publish its updated prospectus and handbook annually? If yes, what are the main issues / activities / information included / provided to students through these documents? Is there a provision for online access?

Yes, the University publishes its updated prospectus and other student related information material annually. The university prospectus is also available online. Anyone can see and download prospectus from the university website. The Following information is furnished via prospectus:
- General information about the university,
- Different Schools/Departments/Centres of Study of the University
- Co-curricular & Extra-curricular Activities
- Faculty and Intellectual Resources
- Various Events, Activities and Enabling Services
- General Rules Related to Admission
- Procedure of Admission
- Minimum Eligibility Conditions
- Selection Criteria for Admission
- Reservation of Seats in Admission
- Scholarship and Freeship Policy
- Information about University–Industry Interface
- Counselling & Guidance
- Anti-ragging Committee
- Healthcare Facilities
- Working Days Details

- Examination Dates
- Academic Calendar, Schedule of Fees for Various Programmes

5.1.6   Specify the type and number of university scholarships / freeships given to the students during the last four years. Was financial aid given to them on time? Give details (in a tabular form) for the following categories: UG/PG/M. Phil/Ph.D./Diploma/others (please specify).

Details of Freeship given to students are given below

Sr. No	Years	No of students who received freeship		
		UG	PG	Total
1	2012-13	0	101	101
2	2013-14	0	112	112
3	2014-15	0	131	131
4	2015-16	5	134	139

5.1.7   What percentage of students receives financial assistance from state government, central government and other national agencies (Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)?

Sr. No	Years	No. of students who received financial assistance		
		PG	RD	Total
1	2012-13	6	52	58
2	2013-14	5	79	84
3	2014-15	1	101	102
4	2015-16	1	135	136

In addition, all physically handicapped students get reimbursement of their tuition fee, mess charges and other such expenses in accordance with norms given by the Government of India. The financial assistance to the students is given well in time.

5.1.8   Does the university have an International Student Cell to attract foreign students and cater to their needs?

Central University of Himachal Pradesh is in its inception stage and as of now it doesn't have International Student Cell. But the university proposes to create International Student Cell in future when it has its own campus.

5.1.9   Does the university provide assistance to students for obtaining educational loans from banks and other financial institutions?

Yes, the University provides assistance to students for obtaining educational loan from banks and other financial institutions. The University issues bonafide certificate and other necessary information and documents for same.

5.1.10   What types of support services are available for overseas students

At present, the university does not have any over-sea student.

Physically challenged / differently-abled students

The University follows reservation in admission as mandated under the Central Educational Institutions (Reservation of Seats) Act 2006, as amended from time to time. The University also follows reservation in admission in all Programmes of Study in accordance with the Persons with Disabilities (Equal Opportunities, Protection of Rights and Full Participation) Act, 1995. The university reserves 3% seats for physically differently abled students in all Programmes of Study. Similarly the university fee, hostel fee, mess fee and transport fee is waived for the physically challenged/differently abled students

SC/ST, OBC and economically weaker sections

The University follows reservation in admission as mandated under the Central Educational Institutions (Reservation of Seats) Act 2006, as amended from time to time. The University reserve seats in all Programmes of Study for admission as under for the students belonging to:

Sr. No	Category	Percentage (%) of seats reserved
1	Schedule Caste (SC)	15
2	Schedule Tribe(ST)	7.5
3	Other Backward Classes (OBC)	27
4	Persons with disability(PWD)	3

The Kashmiri Migrant students shall have the following concessions in the admission to various programme
- Relaxation in cut off percentage upto 10% subject to minimum eligibility requirement
- Increase in intake capacity up to 5% course-wise
- Reservation of at least one seat in merit quota in technical/professional institutions
- Waiving off domicile requirements
- Two seats are available under supernumerary quota for admitting students coming from the state of Jammu & Kashmir

The University also helps students from weaker sections to get scholarship from the concerned state governments and other sources.

students participating in various competitions/conferences in India and abroad

Students are encouraged to participate in various competitions/conferences in India and abroad

health centre, health insurance etc.

The healthcare facilities are being provided through Government Medical College, Tanda and Government Hospital, Shahpur. The medical insurance to the students is being worked out.

skill development (spoken English, computer literacy, etc.)

Seminars and workshops are arranged from time to time for imparting practical exposure on various computer software and statistical packages like SPSS, STATA etc. The students are encouraged to opt for courses on Oral Communication Skills offered by the Department of English and European Languages.

University identifies a set of skill development courses every year and makes it compulsory for all students to complte 4 Credits. During 2016-17, the following skill development courses each of 2 credits were offered:

COURSE-ID	COURSE CODE	COURSE TITLE
F-SD-1	AFA 544	Finance and Investment Skills
F-SD-2	MSC 412	Personal Selling and Salesmanship
F-SD-3	HRM 525	Employability Skills
F-SD-4	TTR 459	Life Skills
F-SD-5	JCW-548	Blogging
F-SD-6	MC E 437	Basics of Videography
F-SD-8	LIS 426	Basics of computers
F-SD-9	PAS 427 A	Scientific Writing & Presentations
F-SD-10	ECN 456	Basic Statistical and Econometric Techniques
F-SD-11	SWR 498	Project Formulation & Report Writing
F-SD-12	TTM 429	Security, Rescue and Disaster management
F-SD-13	EEL-414	Advanced Oral Communicative Skills in English
F-SD-14	HIL 445	PatkathaLekhan (KathatmakevamGair-Kathatmak)
F-SD-15	ENV 412	Waste Management

Performance enhancement for slow learners

The admission to CUHP is through entrance test, so the per cent of slow learners is negligible. However, the students who face difficulty in the class, the concerned subject teacher takes extra care of such students. The students are free to come to the teachers and interact with them and clarify their doubts.

Exposure of students to other institutions of higher learning/ corporate / business houses, etc.

Various workshops and seminars are organised in the university by different schools where eminent researchers and business leaders are invited to give talks, lectures etc to students and faculty. In addition, students take up internship positions in well-known companies and reputed academic institutes to learn and work on new technologies. Students are also taken to institutions related to programme of study to enhance their ecposure in the field of their study. Management students are taken to different industries each year.Students of MBA (Specialisation in Tourism and Travel) visit hotels, and sites of heritage touism. Science students are given exposure of important laboratories.

Publication of student magazines

The students of the Department of New Media bring out newsletter occasionally. Efforts are underway to start publishing students' magazine.

5.1.11 Does the university provide guidance and/or conduct coaching classes for student appearing for Civil Services, Defence Services, NET/SET and any other competitive examinations? If yes, what is the outcome?

The syllabus and curriculum of different schools and departments are designed keeping in view the syllabus of UGC NET and other competitive examinations. Special classes are also held to guide the students for preparing for UGC NET and other competitive examinations in almost every department.

5.1.12 Mention the policies of the university for enhancing student participation in sports and extracurricular activities through strategies / schemes such as

Additional academic support and academic flexibility in examinations

Despite infrastructural constraints, students participate in sports and other extracurricular activities. The concerned teachers help such students in making up the deficiency through extra classes. The sports activities calendar is prepared to avoid clashes with examination.

Special dietary requirements, sports uniform and materials   any other (please specify)

As Central University of Himachal Pradesh is in inception stage, it doesn't have fully developed and functioning sports department. However, the students who participate in sports activities are provided with sports material and dietary and refreshment facilities.

5.1.13 Does the university have an institutionalized mechanism for students' placement? What are the services provided to help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?

The university has established a Training and Placement cell to provide overall supervision and direction to recruitment related engagements and activities taking place in the campus. The Cell seeks to develop strong relationships with companies/organisations all over India through visits/contacts with potential employers. The Cell apprises the potential employers about the talent available in Central University of Himachal Pradesh. The Cell organizes various activities such as industrial visits, guest lectures, mock interviews, industry–academia interface, pre-placement talks, workshops, etc. which give ample opportunities to the industry as well as the students to interact with each other. The Training and Placement Cell also focuses on personality and, skill development through practical exposures, inter-personal skill and team building, leadership development and Career Counselling, thereby enabling students to become managers with multifarious skills and entrepreneurs.

5.1.14 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus during the last four years).

Large number of students have been selected and placed in campus interviews. The details of the students placed are given below:

Placement Details: 2012

Sr. No.	ROLL No	Name of the student	Company
1.	CUHP10MBA01	Abhimanyu Mahajan	Db Schenker
2.	CUHP10MBA02	Abhishek Rana	Indian Navy
3.	CUHP10MBA03	Amandeep Kohli	Entrepreneur
4.	CUHP10MBA04	Amandeep Singh	Indian Overseas Bank
5.	CUHP10MBA05	Anchal Nadda	H&H Technologies Pvt. Ltd
6.	CUHP10MBA06	Anil Kumar	Vidhata Agritech
7.	CUHP10MBA07	Ankita Karki	Beta Soft Systems
8.	CUHP10MBA08	Chiranjeet Banerjee	Dell International
9.	CUHP10MBA09	Dhiraj Kumar	Coca Cola
10.	CUHP10MBA10	Garima Singh Chandel	Celebrations Events Pvt. Ltd.
11.	CUHP10MBA11	Geetam Sharma	Euro Kids
12.	CUHP10MBA12	Harsh Awasthi	PNB
13.	CUHP10MBA13	Jagjeet Singh	ICICI Prudential Mutual Fund
14.	CUHP10MBA14	Neha	Pursuing Ph.D
15.	CUHP10MBA19	Rakesh Nehria	SAIL
16.	CUHP10MBA20	Rohit Mehra	SBI
17.	CUHP10MBA21	Rohit Verma	Vijay Institute Of Higher Education
18.	CUHP10MBA22	Sahil Thakur	Equifax
19.	CUHP10MBA24	Satish Sharma	Faculty In Banking Institute Solan
20.	CUHP10MBA25	Silvi Sood	Syndicate Bank
21.	CUHP10MBA26	Sreenu Telu	Pursuing Ph.D
22.	CUHP10MBA27	Tapasya Sharma	ITFT
23.	CUHP10MBAIFS01	Abdul Qadir Ansari	Aqroniks India
24.	CUHP10MBAIFS02	Abhinay Dadhwal	Uco Bank
25.	CUHP10MBAIFS04	Ankita Gautam	Erricson
26.	CUHP10MBAIFS05	Anshul Mahajan	UCO Bank
27.	CUHP10MBAIFS09	Indu Sharma	Convergys
28.	CUHP10MBAIFS12	Pankaj Sharma	SBI
29.	CUHP10MBAIFS13	Paras Sood	Dena Bank
30.	CUHP10MBAIFS14	Prashant Sood	Solvate Laboratories Pvt Ltd.
31.	CUHP10MBAIFS15	Priyanka Sharma	Pursuing Ph.D
32.	CUHP10MBAIFS16	Raj Kumar	Andhra Bank
33.	CUHP10MBAIFS18	Sandeep Singh	Pursuing Ph.D

34.	CUHP10MBAIFS19	Sapan Kumar	Entrepreneur
35.	CUHP10MBAIFS22	Shivani Mahajan	Maharaja Agrasen University, Baddi
36.	CUHP10MBAIFS23	Shubhangi Rawat	PNB
37.	CUHP10MBAIFS26	Tashi Gyalchan Bodh	HDFC Bank
38.	CUHP10MBAIFS27	Urmila Thakur	Honda
39.	CUHP10MBAIFS28	Vikas Bhatnagar	Pursuing Ph.D
40.	CUHP10MBAIFS29	Virochan Sharma	Uco Bank
41.	CUHP10MBAED02	Afsana Parveen	Opera Solutions
42.	CUHP10MBAED04	Ankita Banta	Beta Soft Systems
43.	CUHP10MBAED05	Deepak Kumar	CISF
44.	CUHP10MBAED08	Juhi Raghuvanshi	Pursuing Ph.D
45.	CUHP10MBAED16	Naveen Dhiman	Asian Paints Ltd
46.	CUHP10MBAED17	Nisha Jamwal	Eos Edu Ventures
47.	CUHP10MBAED20	Sahil Gupta	Wns Global Services, Gurgaon
48.	CUHP10MBAED24	Shurabh Vasudeva	Larsen And Toubro Ltd
49.	CUHP10MBAED25	Suneet Kumar	Govt Pg College Nagrota
50.	CUHP10MBAED26	Sunil Jaura	Entrepreneur
51.	CUHP10MBAED27	Vishal Gautam	Hero Steels Limited
52.	CUHP10MBAED28	Vivek Chaudhary	BSF
53.	CUHP10MSW05	Anjali	Indian Red Cross Society
54.	CUHP10MSW08	Bandhu	Gunjan Organization
55.	CUHP10MSW15	Pankaj Puri	PGI, Chandigarh
56.	CUHP10MSW03	Amit Verma	TISS, National Csr Hub
57.	CUHP10MSW21	Vishal Soni	TISS, National Csr Hub
58.	CUHP10MSW14	Naveen Kumar	Sel. Manufacturing Limited, Ludhiana
59.	CUHP10MSW19	Sandeep Thakur	Pradan At Present Undp
60.	CUHP10MSW12	Minakshi Mehta	Sel. Manufacturing Limited, Ludhiana
61.	CUHP10MSW10	Mangal Singh	Pragya, Leh

Placement Details: 2013

Sr. No.	ROLL No.	Name of the student	Training Company
1.	CUHP11MBA03	Abhishek Kumar	Uco Bank
2.	CUHP11MBA04	Aditi Sharma	HDFC
3.	CUHP11MBA06	Ajay Kumar	PNB
4.	CUHP11MBA11	Ambika Chaudhary	SJVN
5.	CUHP11MBA14	Amit Sohal	Oyo Rooms, Internkafe.com
6.	CUHP11MBA15	Amita Bhatia	SJVN
7.	CUHP11MBA17	Ankur Sarswat	ACE Institute For Education And Languages Pvt Ltd.
8.	CUHP11MBA18	Anuj	Patwari (Revenue Department)
9.	CUHP11MBA20	Ashish Soni	Airtel
10.	CUHP11MBA22	Deepender Singh Karki	Decathlon Sports India (P) Ltd.
11.	CUHP11MBA24	Divya Kaushal	Arni University
12.	CUHP11MBA26	Gaurav Kumar	UCO Bank

13.	CUHP11MBA27	Gaurav Sharma	SBI
14.	CUHP11MBA30	Gurjeet Rattan	Punjab and Sindh Bank
15.	CUHP11MBA32	Isha Dogra	UCO Bank
16.	CUHP11MBA34	Ketan Vashisht	Ketan Lodge
17.	CUHP11MBA35	Kuljinder Singh	Punjab National Bank
18.	CUHP11MBA37	Manish Garg	Ambuja Cements
19.	CUHP11MBA39	Manu Abhiraj	SBI
20.	CUHP11MBA41	Mohd.Shoeb	Genpact
21.	CUHP11MBA43	Monika Kashyap	Modi Group of Companies
22.	CUHP11MBA45	Neeraj Bala	Syndicate Bank
23.	CUHP11MBA51	Parul Kaul	Citibank
24.	CUHP11MBA53	Prashant Awasthi	Punjab National Bank
25.	CUHP11MBA54	Priya Chauhan	Canara Bank
26.	CUHP11MBA56	Raghav Manocha	Himalyan Home Saaz
27.	CUHP11MBA59	Ram Yogi	Coca Cola
28.	CUHP11MBA71	Saurabh Sharma	Aguai Solutions Pvt Ltd. Banglore
29.	CUHP11MBA72	Shagun	Confederation of Indian Industry
30.	CUHP11MBA73	Shallu Thakur	Punjab and Sindh Bank
31.	CUHP11MBA74	Shikha Sharma	Value First Digital Media
32.	CUHP11MBA75	Shilpa Gurung	Gitanjali Retail
33.	CUHP11MBA76	Shilpi Sharma	B-able
34.	CUHP11MBA78	Shushant Abrol	ACC ltd
35.	CUHP11MBA79	Shwetang Dwivedi	ITC LTD
36.	CUHP11MBA82	Swati Chopra	Beta Soft Systems
37.	CUHP11MBA83	Sweta Kapoor	Honda
38.	CUHP11MBA85	Varsha Kumari	FORCE NGO
39.	CUHP11MBA88	Vinit Gupta	Eos Edu Ventures
40.	CUHP11MBATT05	Aneet	Yatra.Com
41.	CUHP11MBATT16	Pallavi Sharma	Cox And Kings
42.	CUHP11MSW05	Hoshiyar Singh	Pradan
43.	CUHP11MSW17	Sachin Pathania	Pradan

Placement Details: 2014

Sr. No.	ROLL No.	Name of the student	Training Company
1.	CUHP12MBA01	Abhinav Kapoor	UCO Bank
2.	CUHP12MBA06	Atul Singh	Coca Cola
3.	CUHP12MBA07	Binnie Thakur	Pradan
4.	CUHP12MBA10	Manju Saini	Bank of Baroda
5.	CUHP12MBA16	Pravesh Kumar	SEL Manufacturing Company
6.	CUHP12MBA28	Vibha Chadha	NIIT
7.	CUHP12MBA30	Yogesh	Canara Bank
8.	CUHP12MBA32	Anees-Ur-Rehman	CA Firm .R-186/1A,Ist Floor,Joga Bai Extn., Jamia Nagar,Okhla,New Delhi-110025
9.	CUHP12MBA34	Antriksh Sharma	Hawkins Cookers Ltd
10.	CUHP12MBA35	Arvinder Kumar	IndusInd Bank Ltd.

11.	CUHP12MBA36	Ayush Kashyap	UCO Bank
12.	CUHP12MBA48	Rahul Verma	Reliance Retail
13.	CUHP12MBA49	Ridhima Khajuria	Event Management company named RSV Planners
14.	CUHP12MBA53	Shilpa Dewan	Union bank of India
15.	CUHP12MBA54	Shivam Verma	United Health Group
16.	CUHP12MBA56	Sudhir Gulia	NMDC
17.	CUHP12MBA60	Kamini Pathania	UCO Bank
18.	CUHP12MBA61	Akshay	UCO BANK
19.	CUHP12MBA64	Anuj Sharma	Genpact
20.	CUHP12MBA66	Bhupinder Singh	Kangra School Of Music And Arts
21.	CUHP12MBA67	Dheeraj Parihar	Govt Teacher (It)
22.	CUHP12MBA69	Manik Kanwar	Sel India Pvt. Ltd.
23.	CUHP12MBA70	Md. Sharique Hafeez	GENPACT
24.	CUHP12MBA79	Rohini Kaushal	Himachal Pradesh Power Corporation Limited (HPPCL)
25.	CUHP12MBA89	Yashika Pathania	Pradan
26.	CUHP12MBATT02	Anil	Candrnath Dmc Thailand
27.	CUHP12MBATT04	Ankur Chadiar	Make My Trip
28.	CUHP12MBATT06	Kumar Ashutosh	Pernod Ricard
29.	CUHP12MBATT07	Bindia Misra	Incrdible Asia
30.	CUHP12MBATT08	Deepak Sahota	Govt. Sr. School Solan
31.	CUHP12MBATT09	Kanika	Govt. Sr. School Kangra
32.	CUHP12MBATT10	Nishant Thakur	Orange Tourism
33.	CUHP12MBATT12	Ravi Raj	Tour Planners
34.	CUHP12MBATT13	Rimjhim Arora	Cox And Kings
35.	CUHP12MBATT14	Sammi Yadav	Border Security Forces
36.	CUHP12MBATT15	Shailja	Govt. Sr. School Hamirpur
37.	CUHP12MABTT17	Sonia Kashiv	Govt. Sr. School Una
38.	CUHP12MBATT21	Amit Kumar	World Wide Dmc
39.	CUHP12MBATT22	Neeraj	Yes Bank
40.	CUHP12MBATT23	Rajneesh	Govt. Sr. School Chamba
41.	CUHP12MBATT24	Rattan Gulshan	Isha Tours And Travels
42.	CUHP12MBATT26	Sourav Bhadwal	Gsk Travels
43.	CUHP12MBATT27	Sunil	Govt. Sr. School Kangra
44.	CUHP12MBATT28	Swati	Govt. Sr. School Chamba
45.	CUHP12MBATT29	Mallik Fakhruddin	Cox And Kings
46.	CUHP12MSW29	Wasim	Pradan
47.	CUHP12MSW23	Prince Chauhan	Pradan

Placement Details: 2015

Sr. No.	ROLL No.	Name Of The Student	Training Company
1.	CUHP13MBA05	Akshu Sharma	Pradan
2.	CUHP13MBA30	Harsh Pawar	The Rising Sun Inc
3.	CUHP13MBA33	Kanika Sharma	IFA Zone Fashion Runway
4.	CUHP13MBA36	Krishma	Silicon Construction Private Ltd

5.	CUHP13MBA48	Nandini Walia	Pradan
6.	CUHP13MBA63	Rinki Devi	Eclerx limited
7.	CUHP13MBA72	Sanjeev Kumar	Unichem
8.	CUHP13MBA89	Surbhi Pathania	Blob Infotech Pvt. Limited
9.	CUHP13MBATT05	Anit Dhiman	Incrdible Asia
10.	CUHP13MBATT07	Anmol Sharma	Punjab National Bank
11.	CUHP13MBATT10	Gaurav Sharma	Incredible Asia
12.	CUHP13MBATT11	Gaurav Verma	More Than Travels
13.	CUHP13MBATT12	Kumar Sahil	Make My Trip
14.	CUHP13MBATT17	Preeti Dhiman	Eurokonnect
15.	CUHP13MBATT18	Rohit Kumar	SOTC KUONI
16.	CUHP13MBATT24	Santosh Kumar	Baba Farid Institutions
17.	CUHP13MBATT26	Sourav Rana	Incredible Asia
18.	CUHP13MBATT28	Surbhi Sharma	Union Bank
19.	CUHP14MBATT04	Ashish	Enduring Journeys
20.	CUHP14MBATT14	Rahul Dogra	Enduring Journeys
21.	CUHP14MBATT26	Surjeet	Enduring Journeys
22.	CUHP13MSW02	Anita	Save the Children
23.	CUHP11MSW16	Ruby	Save the Children
24.	CUHP13MSW02	Anita	Save the Children
25.	CUHP13MSW15	Neha	Save the Children

5.1.15 Does the university have a registered Alumni Association? If yes, what are its activities and contributions to the development of the university?

The Central University of Himachal Pradesh has recently created Alumni Association and the registration process of the same is underway. The Alumni Association has its executive committee which meets regularly. The suggestions given by the executive committee regarding academics and modification in syllabus etc are incorporated in the course curricular.

5.1.16 Does the university have a Student Grievance Redressal Cell? Give details of the nature of grievances reported. How were they redressed?

The ordinance number 28 of the Central University of Himachal Pradesh mandates for the formation of Students' Grievances Redressal Committee. The Students' Grievance Redressal Committee comprises: The Dean of Students Welfare or such other person to be nominated by the Vice Chancellor, as Chairman & Convener; Dean of the School concerned; Three persons nominated by the Vice Chancellor; and Three Representatives of the Students' Council. The various powers and functions of the Students' Grievance Redressal Committee are: to entertain written and signed complaints and petitions of students in respect of matters directly affecting them individually or as a group, to enquire into the grievances, and make recommendations and report to the concerned authorities for redressal or suitable action; and to recommend appropriate action against complainant(s), if allegations made are found to be baseless. The Students Grievance Redressal Committee meets whenever any complaint from the students is received.

5.1.17 Does the university promote a gender-sensitive environment by (i) conducting gender related programmes (ii) establishing a cell and mechanism to deal with issues related to sexual harassment? Give details.

In order to address the Gender Issues and Prevention of Sexual Harassment at Workplace, Ordinance 21 of Central University of Himachal Pradesh provides for the constitution of SPARSH under which two committees viz. Apex Committee and University Complaint Committee have been constituted. Apex Committee takes preventive measures by sensitizing students and staff about gender-based discrimination and workplace harassment. University Complaint Committee is constituted to receive complaints and initiate necessary actions to provide assistance and redressal to the victims and recommend penalties and other action to be taken.

The SPARSH committee is very active and is regularly conducting workshops, seminars and is also undertaking other activities to create awareness about sexual harassment. Two SPARSH members, namely, Dr. Gitanjali Upadhahay and Dr. Sayema Bano attended a two-day workshop organized by Integrated Training & Policy Research (ITPR) on Gender Sensitivity, Prevention & Redressal of Sexual Harassment of Women at Workplace on 20 & 21 February 2015 at New Delhi.

Various activities organized by the Committee include invited lecture on women empowerment on 9th March 2015 to celebrate the International Women's Day in Central University of Himachal Pradesh. Ms. Rashmi Wali, founder of Hope Foundation and NGO representative of SPARSH, CUHP, was invited.

Central University of Himachal Pradesh participated in a panel discussion on "Issues related to Sexual Harassment" through ICT organized by NITTR Chandigarh on 11th March 2015 in which SPARSH Committee Members, teaching staff, non-teaching staff and students participated.

A two days event was organized on the theme "Gender Issues in India" on November 23-24, 2015 in an attempt to spread awareness about the various gender issues to the students of the University. Students from different departments participated enthusiastically in the "Poster-Making Competition" and "Turn around Competition".

5.1.18 Is there an anti-ragging committee? How many instances, if any, have been reported during the last four years and what action has been taken in these cases?

Yes, the University has anti-ragging committee to prevent ragging. The prospectus also carries the format for the affidavit which has to be submitted by parent/guardian of the student to commit him/her and his/her ward against indulging in any activity that amounts to ragging.
In compliance with the UGC Gazette Notification, the University has constituted Anti-Ragging Squad, Anti-Ragging Monitoring cell and notified on 09.08.2011. Also, the Anti-Ragging Committee was constituted and notified on 30.08.2011. The anti-ragging committee takes various measures and meets each semester to take stock of the situation and discuss measures to prevent ragging. No incident of ragging has taken place during the last five years.

5.1.19 How does the university elicit the cooperation of all its stakeholders to ensure the overall development of its students?

The university involves all its stakeholders in planning, implementing and evaluating the academic programmes for the overall development of the academic programmes. For example, external subject matter specialists, appointed on Board of Studies and School Board play a very important role in the development of course curriculum. Likewise, the representatives of all stakeholders are represented on Academic Council, Executive Council wherein the academic matters are discussed in greater details. The suggestions of these stakeholders are implemented to ensure overall development of the students. Similarly, alumni meets are organised to get regular feedback from the alumni and their suggestions are incorporated for the benefits of student. The feedback collected from the students is also made use of while taking measures for the development of students.

5.1.20 How does the university ensure the participation of women students in intra- and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.

Yes, the University ensures the participation of women students in intra-institutional sports competitions and cultural activities. While constituting the cultural organising committee and sports organising committee, it is ensured that both the gender get the appropriate representations.

5.2 Student Progression

5.2.1   What is the student strength of the university for the current academic year? Analyse the Programme-wise data and provide the trends for the last four years.

Academic Session 2015-16

Students	UG		PG		Ph.D.	
	Male	Female	Male	Female	Male	Female
1. Himachal Pradesh	13	10	318	308	40	51
2. Other states	3	2	56	30	49	12
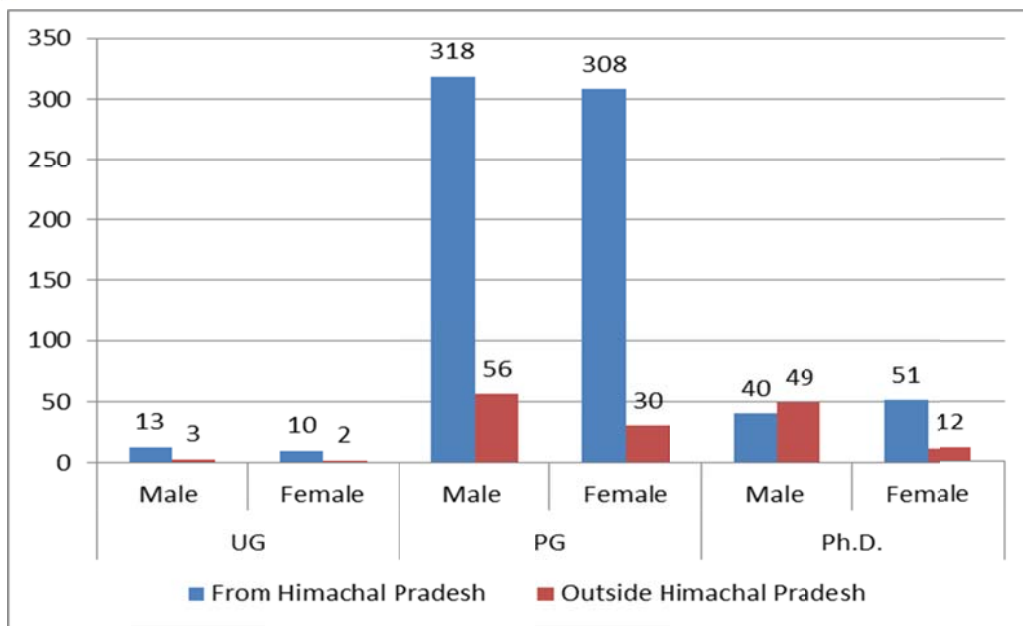
Student profile (2015-16)

Programme	General			SC			ST			OBC			Grand Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
UG	10	5	15	1	2	3	1	2	3	4	3	7	16	12	28
PG	157	214	371	62	42	104	32	30	62	93	82	175	344	368	712
Ph.D.	36	28	64	21	14	35	9	3	12	23	18	41	89	63	152
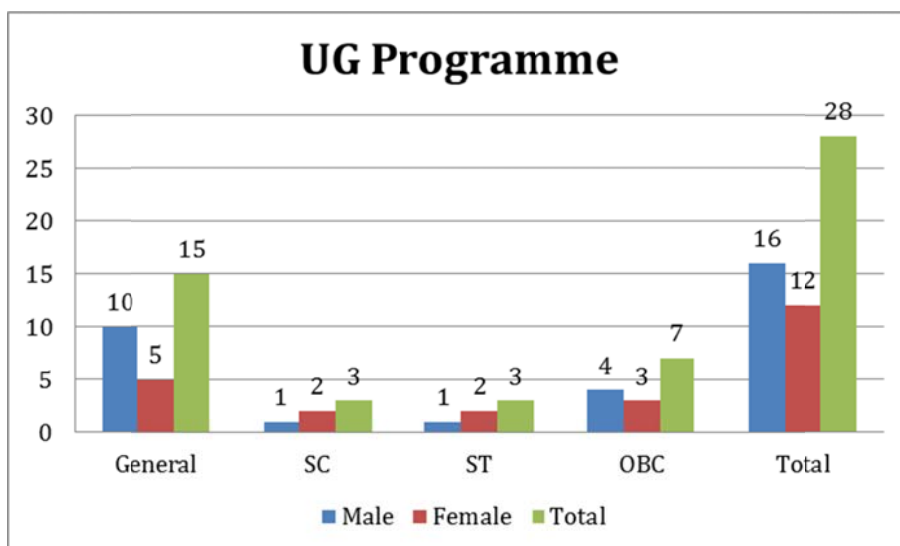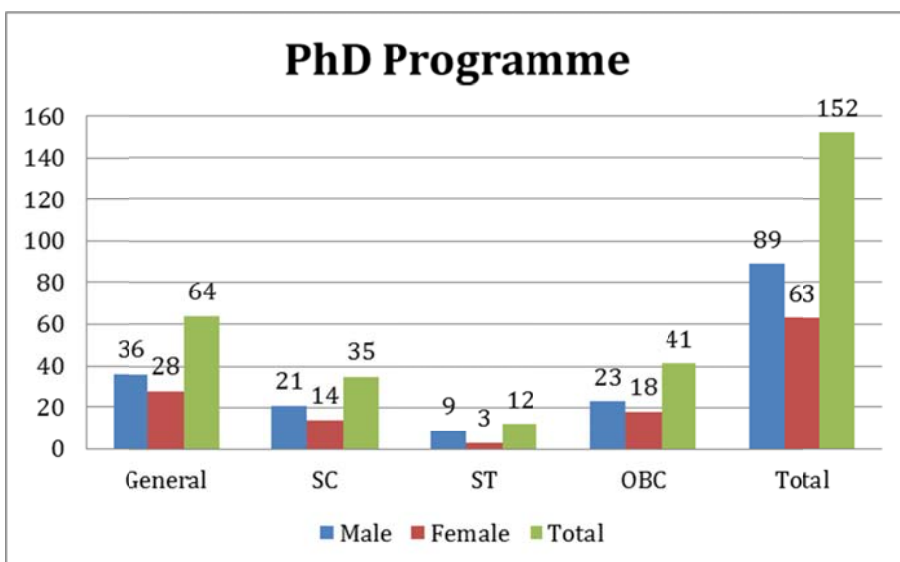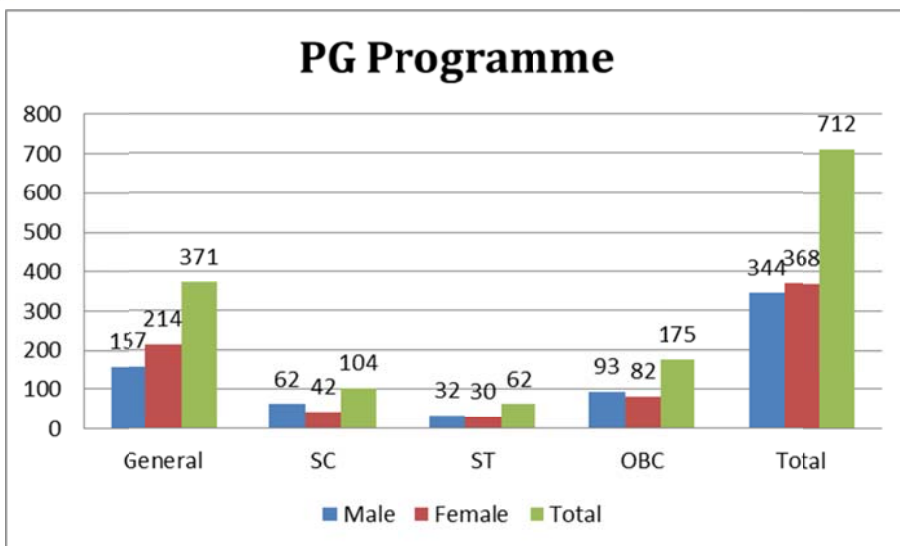
Students admitted in UG/PG and Ph.D. year wise

Category	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
UG	0	0	0	0	0	28
PG	123	671	620	659	685	712
Ph.D.	17	42	59	105	94	152
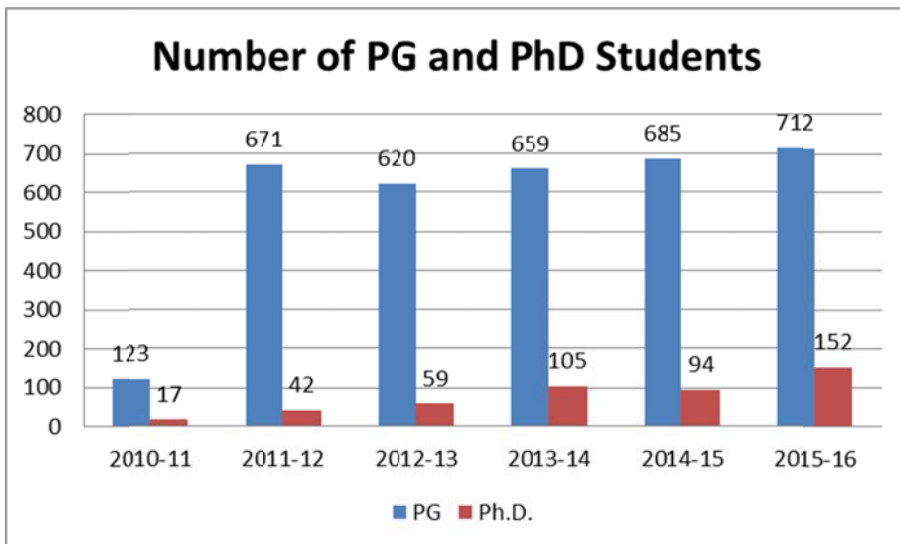
Note: UG programmes were started in 2015-16. Therefore, no time trend could be generated. Please see the previously given information on UG courses to know the students admitted in 2015-16.

5.2.2 What is the programme-wise completion rate during the time span stipulated by the university?

The students' pass percentage for UG and PG programme for the last five years is as follow:

Programme level	Academic session			
	2010-12	2011-13	2012-14	2013-15
PG	94.26	97.05	99.387	98.4
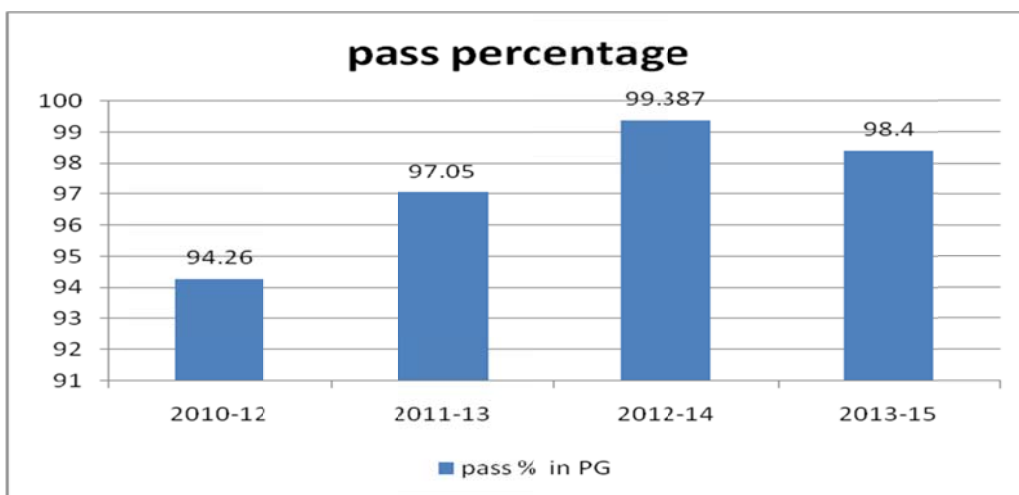
5.2.3 **What is the number and percentage of students who appeared/ qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defence, Civil Services, etc.?**

Name of Department	Exam Qualified	Number of students
Travel and Tourism	JRF	02
	NET	04
	SET	01
	Banking	01
Computational Biology	JRF	02
	NET	04
	SET	01
Economics	JRF	02
	NET	04
	SET	01
English	NET	04
Environmental Science	JRF	1
	NET	15
	SET	4
	Others	2
Hindi	JRF	03
	NET	01
Library Science	NET	03
	JRF	01
Management	Defence Services	11
	NET	35
	PO	52
	Corporate Manager	47
Mathematics	NET	01
	GATE	01
	HPTET/CTET	05
	Banking	01
	Army teacher	01
Physics	NET	01
	HPSET	01
Social Work	NET	09
Teacher Education	NET	02
	JRF	05

5.2.4 **Provide category-wise details regarding the number of Ph.D. / D.Litt./D.Sc. theses submitted/ accepted/ resubmitted/ rejected in the last four years.**

The first batch of PhD degree was awarded in the academic year 2015-16. Therefore, information for present session is given as follows:

Academic session	No. of Ph.D. Submitted	No. of Ph.D. Accepted	No. of Ph.D. Re submitted	No. of Ph.D. Rejected
2015-16	10	10	-	-

5.3 Student Participation and Activities

5.3.1 List the range of sports, cultural and extracurricular activities available to students. Furnish the programme calendar and provide details of students' participation.

2010-11

The First Foundation Day Celebrations from 15th January to 20th January 2011: The Central University of Himachal Pradesh celebrated its First Foundation Day from 15th January to 20th January 2011, under the banner of "NUQOOSH". Competitions like Essay Writing, Declamation, Quiz, Dream Project, Face Painting, Skit, Rangoli and various cultural events were held. Mr A. G. Gururajamurthy (GM, Canara Bank) was the Guest of Honour. A tour to Indrunag was organized on 15th January 2011 to inaugurate the first Foundation Day Celebrations "NUQOOSH-2011" of the University

Republic Day celebration: On the eve of Republic Day on 26th January 2011 various cultural events were organised by PG and RD students of different Departments and Schools.

World AIDS Day: World AIDS Day was organised on 1st December, 2010 to celebrate and spread awareness about the deadly disease. Awareness skit to spread the message of sympathy and empathy for the infected victims was organised.

National Education Day: On the eve of 3rd National Education Day on 11th November 2010, Inter-class quiz competition was organised by Department of Social Work.

2011-12

Independence Day Celebration: To celebrate the 65th Independence Day on 15th August, 2011 various cultural events were organised by PG and RD students of different Departments and School.

Literary Events 18th April 2012: Various literary events were organised for the PG and RD students of the university on 18th April 2012. Main events were Declamation contest, Poetry Recitation, Essay Writing, Calligraphy. Topics for declamation were Talent and Modesty go together, BRICS Summit 2012, Imagination is more important than Knowledge, and Continuous and comprehensive Evaluation (CCE) system in Indian Education. Topics for Essay Writing were: Food Security Bill proposed by UPA-2, Social Networking sites and Indian Youth, Internet cannot replace books, Environment Science is an interdisciplinary science.

Face Painting Competition: Udbhava the cultural society on CUHP organised Inter School/Department face painting competition for PG students and faculty members of various Departments/Schools on 23 April 2012.

Symposia on Union Budget, 2012: A Symposium on Union Budget 2012 was organised for Faculty, PG and RD students on 23 April 2012.

2ndAnnual Function: *Udaan: Flying High is our Nature'* CUHP-*Udbhav* organised the 2ndAnnual Function on 18th May 2012. For the smooth conduct and organisation of the function, a student organising committee was formed. The students from various schools/ departments were included in the student organising committee for annual function of CUHP. The formation of student committee was based on principal of heterogeneity and equal opportunity was given to female students also from various schools/departments. The meetings of the students and faculty members were held by Dean Student's welfare from time to time to take stock of the preparation.

2012-13

Formation of Student Committees and Sub Committees for Organising Cultural Activities in CUHP: The students committees and sub committees were formed by the DSW for organising various cultural activities in CUHP. The students from various schools/departments were given representation in various committees.

QUIZ CONTEST ON CUHP: MERI CUHP MAIN HI JANOO: The Department of English & European Languages of the University organized 'Meri CUHP Main Hi Janoo'- a University wide Quiz Contest on general awareness about CUHP on 2nd May 2012. Dr. Arlene Plevin (Fulbright-Nehru Visiting Faculty at CUHP) was the Guest of Honour while DSW was the Judge for the event. The Convener Cultural Committee and Dean, School of Humanities & Languages chaired the event. The quizmasters asked questions pertaining to various facts about the facets of CUHP that were hitherto unknown to most of the participants. Some questions were fun-oriented while others provided interesting information. Out of the five participating teams Team-1 representing the students of MBA, Semester IV was the Winner while Team-4 representing the Students of MBA, Semester II was the Runner-Up.

EMPRESA FIESTA 2012: The Management Society of School of Business and Management Studies hosted a Management Fest namely 'Empresa Fiesta: An exposition of management talent' in CUHP. The Management Society conceived the idea of the fest in consonance with its vision to advance the practice of management as a professional discipline, encouraging personality development for managing organisations. The following competitions were held in Empresa Fiesta: Business Quiz, Business Plan, Creative Marketing, Rhetorica Role Play, Treasure Hunt etc. Twelve Business Schools from across the state participated in the various competitions that were held at the Temporary Academic Block of CUHP. In the morning session, Hon'ble Vice-Chancellor declared the competitions open and wished good luck to all the participants. The competitions went on for the entire day in different class rooms and seminar hall under the supervision of the senior faculty members deputed for the purpose. The DC Kangra at Dharamshala was the Chief Guest for the day.

TOURISM WEEK CELEBRATIONS: Tourism Week Celebrations took place from 20th to 27th September 2011 in which Collage Competition, Painting Caption Contest, Photo Caption Contest & an Essay Writing Competition, an Inter-Institutional Declamation & Quiz competition were organised.

TEACHERS' DAY 5th September, 2012 Antakshri Competition and other fun activities were organised for teachers.

Collage making competition: A collage making competition was organised by the cultural society on 24 September, 2012. The theme for collage making was FDI in retail, MNCs in India and Economic Reforms in India.

SUR-SANGAM: UDBHAVA the cultural society of CUHP organised Sur-Sangam on October 18th 2012. The various events like Solo Singing, Duet Singing, Rap, Stand-up Comedy and face painting competition were organised.

AD MAD - THE WACKY SIDE OF ADVERTISEMENT was organised on November 1st, 2012 Students teams were given the tasks of making advertisements for the different products assigned to them through chit selection

THIRD FOUNDATION DAY OF CUHP: The Cultural Committee on the eve of University Foundation day organised various activities like Declamation Competition and Street Play Competition (Nukkad Natak) on issues related to Eve Teasing, Sexual Harassment, Female Foeticide, Dowry and Laws on Crimes against Women in India on January 21, 2013.

VASANT PANCHAMI CELEBRATION: The Cultural Committee organised the Basant Panchami on 14th February 2013. Kite flying competition was organised for the faculty members, staff and Students.

ONE BILLION RISING CAMPAIGN: Department of Social Work organized the "One Billion Rising Campaign" in collaboration with Jagori Grameen, an NGO

Utkarsh– A Cultural Extravaganza': The Cultural Society of CUHP organised University Cultural function on 1st March 2013. Various items like Traditional and folk art forms of Himachal Pradesh, Punjab, Kashmir and other Indian states, Kashmiri dance, Himachali folk song, Rajasthani dance, Nati, semi-classical dances, Pahari songs, skits, and a fashion show of different ethnic costumes of different parts of India were presented during this cultural fest.

Talent Hunt: A talent hunt was organised to celebrate 3rd Annual Function of CUHP 'UDBHAVA 2013' by Udbhav, the cultural society of CUHP. The various activities /events under the talent hunt were solo song, group song, group dance, solo dance, skit/mime, stand-up comedy etc.

UDBHAVA 2013: UDBHAVA 2013, the 3rd Annual Function of CUHP was organised on 17th May, 2013. The prizes were given away to winners in different cultural and sports activities and organizers and participants of Utkarsh.

2013-14

Constitution of Cultural Committee for Academic Year 2013-14: The Cultural committee for academic year 2013-14 was constituted on 18 February 2014. The committee comprised students and faculty members from different Schools/ Departments.

5th September 2013: Teachers' Day was celebrated and students organised different activities in honour of their teachers.

HIMSPARK'13 5th & 6th April, 2013: Events like Sales person, Talk Show, Finance related Case Study, Slogan Writing, Collage-making, Pehchaan Kaun, Photography, Ad-Mad show, Business Plan, Marketing Madness, General Case Study, Prelim of Best Manager, Spell Bee, Chaos Theory, GK Quiz and Financial Quiz were organised.

Tourism Week 21-27th September 2013 was celebrated by organising various activities like collage making, Rangoli Competition, Inter College and Inter School Quiz Competition, Himachal Tourism Quiz, National Tourism Quiz, Photo Caption and Declamation Competition.

Collage Competition: The cultural society of CUHP, UDBHAVA organised a collage competition on17 October 2013. The themes of the Collage making competition were Man is the destroyer or the saver of the environment, Power and Politics, CUHP- Where we stand, India the Emerging Superpower, Women Empowerment- A MYTH.

Inter School/Department /Centre Declamation Contest: The Cultural Society organised Inter School/Department /Centre on 28 October, 2013. The topic for Declamation were Economic Issues Affecting Common Man, Issues in Election 2014, Crime against Women, Environment Degradation, Physics in Daily Life, Status of Higher Education in India, Female Foeticide-Issues of concern, Role of IT in our daily life.

National Education Day: The Cultural Society organised the 'National Education Day 'on 11th November, 2013 the Birthday of Maulana Abdul Kalam Azad. On this eve, various events like Card banner making Competition, Paper Reading Competition and Quiz competition were organised.

Quiz Competition: A general Inter School/Department Quiz Competition was conducted by UDBHAVA on 11th November 2013. The areas covered were General Science, Geography, History, Sports, Cinema and Mythology.

Quiz and Extempore: The Department of Economics and Public Policy along with Cultural society organised an Interschool/Department Quiz and Extempore on Economics.

Talent Hunt: To celebrate the 2nd Convocation of CUHP the Cultural society organised a "Talent Hunt" in the categories of Solo Dance, Group Dance, Skit/Mime, Stand Up comedy etc.

Republic Day Celebration: To celebrate the Republic Day on 26th January, 2014 a variety of programmes were organised by PG and RD Scholars. Patriotic solo songs and patriotic poems were presented by the students.

UTKARSH 2014: Utkarsh 2014 the cultural event programme on the eve of Convocation was organised on 13th February 2014. The items like fusion dance, song, skit, semi classical performance, gidda, media skit, bhangra, Himachali natti, ramp show, mime skit, group dance were presented.

Declamation on Eve of International Students' Day: On the occasion of International Students Day an Open Discussion Forum /Declamation for PG and RD students on the topic "Shikshit Bharat, Saksham Bharat – Quality education for all" was organised.

Constitution of Cultural Committee for Academic Year 2014-15: The Cultural committee for academic year 2014-15 was constituted on 28th November 2014. The committee comprised members of students from Students Council and faculty from different Schools/ Departments.

UDAAN 2015: The 4th Annual Function of CUHP UDAAN 2015 was organised on 19th May 2015. The prizes were given away to winners in different cultural and sports activities.

16-21st January, 2014 Talent hunt was organised for selection of students to perform in 2nd Convocation

SCIENCE WEEK 2014 was celebrated from 24th to 28th February 2014 by organising activities like Quiz on Every Day Science, Poster and Rangoli Competition, Declamation Contest was organized on the topic "Contribution of Science and Technology to the Society".

2014-15

Skit and Mime Competition12th May 2015: Inter School/Department Skit and Mime competitions on the topics like Women Empowerment, Environmental Pollution, Female Foeticide, Examination Hall. Annual Dance Competition were organised on 12th May, 2015.

SPORTS

Since the university does not have its own permanent campus, it has limited facilities for organising different sports activities. Nonetheless, it makes efforts to arrange different sports activities. The sports activities both indoor and outdoor which have been arranged by the university from time to time are given below.

Games: Badminton, Basketball, Chess, Carom, Cricket, Football, Kabaddi, Kho-Kho, Table Tennis, Volleyball.

Athletics: Long jump, Triple jump, High jump, Shot put, Discus throw, Hammer throw and Javelin throw.

In addition, students are also encouraged to participate in adventure sports like trekking, rock climbing, river crossing and river rafting with the kind support of Department of Travel and Tourism of Central University of Himachal Pradesh. Understanding the importance of the adage that a fit mind is an active mind, a gymnasium with all modern fitness equipments has been developed for the students both in boys and girls hostels. Apart from this, the university has also provided the facility of snooker and billiards in boys' hostel.

Report of Sports Activities in 2012

The Organizing Committee for Sports constituted in the current semester, i.e. Monsoon Semester 2012 took initiative of starting the sports activities in the campus. In this relation, the Sports Committee initiated the preparation of grounds for various sports activities and procurement of respective sports items. It is interesting that with limited resources and different kinds of constraints, the initiatives taken were welcomed by the students, faculty and staff members of the university. The honourable Vice-Chancellor of the university inaugurated the sports activities in the university by cutting the ribbon and also playing few shots of badminton and encouraged all present during the inauguration ceremony. On this occasion, DSW the Chairman of Sports Organizing Committee, Convener and members were also present. The sports facilities for Badminton, Volley Ball, Chess and Carom have been developed and students and staff use the facility on regular basis.

Report of Sports Activities in 2013

The Organizing Committee for Sports of Central University of Himachal Pradesh organized various Intra University sports activities in the month of November-December, 2013 for students and faculties. Despite limited infrastructure, the games like Football, Badminton, Table Tennis and Volleyball for students as well as for faculty were organised.

Participation in Sports Meet at Dronacharya College

A team of 10 students for Volleyball and Basketball was selected to represent the university. The volleyball students were selected after screening the first 3 teams of CUHP intra-university competition held in 2012. The students of basket ball team were selected among the students practicing in the Police Grounds, Dharamshala.

MBA Students in CONNEXUS 2014

The MBA students of Central University of Himachal Pradesh participated in CONNEXUS 2014, a national level fest organised by Dr. RPGMC Tanda (H.P.). There were many events in the fest and our students participated in Football and Badminton. The Badminton and football teams from the University won the tournament by beating the team of Dr. RPGMC Tanda.

Sports Activities in 2014

It was decided in the meeting that the Sports Organising Committee held on March 6, 2014 that the sports activities, namely, Athletic Meet, Cricket, Basket Ball, Chess and Carom in the first and second week of April 2014.

Sports Activities in 2015

It was decided in the meeting of Sports Organising Committee to organise sports activities, namely Athletic Meet, Cricket, Basket Ball, Football, Badminton, table tennis, Volleyball, Chess and Carom in the February, March and April, 2015. The individual winners and winning teams were given away prizes in the Annual Function.

5.3.2   Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years.

The University as yet does not have its own campus. Therefore, because of lack of sports infrastructure both physical and human, University is not in a position to train its students in sports and cultural activities. As such our students are not able to participate in these events at university, zonal, national and international levels. Nevertheless, we do encourage our students to participate in such events whenever these are organised by the neighbouring institutions. And as mentioned above, we organise these activities on our campus to enable the students to showcase their talents.

5.3.3   Does the university conduct special drives / campaigns for students to promote heritage consciousness?

Different departments organise study tours to different places of heritage importance in order to create heritage consciousness and their preservation.

5.3.4 How does the university involve and encourage its students to publish materials like catalogues, wall magazines, college magazine, and other material? List the major publications/ materials brought out by the students during the last four academic sessions.

Students are encouraged to publish newsletters through the departments. The students of New Media bring out a newsletter. The students, however, prepare handwritten wall posters on important themes and days. The students are constantly encouraged to take part in workshops, seminars and other academic activities.

5.3.5 Does the university have a Student Council or any other similar body? Give details on its constitution, activities and funding.

Yes the university has a 40 member Students' Council. The composition of the Students Council comprises twenty elected members and twenty nominated members. The members of students' council are involved in various administrative committees. The Council organises different academic, cultural and sports activities. The funding of Council's activities is met from the funds allotted to Dean Students Welfare.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them. Also provide details of their activities.

The students are represented on a number of committees like Anti Ragging Committee, Organising Committees for Sports and Cultural Activities, Canteen Committee, Transport Committee, Grievance Redressal Committee, Hostel Management Committee, SPARSH, Internal Quality Assurance Cell, NSS Advisory Board, NCC Advisory Board, etc.

CRITERIA VI: INSTITUTIONAL VISION AND LEADERSHIP

6.1   Institutional Vision and Leadership

6.1.1   State the vision and the mission of the university.

The Central University of Himachal Pradesh strives for inclusive Access & Excellence in Higher Education and Research to emerge the premier university of the country at par with the best universities of the world in terms of programme offerings, curricular framework, pedagogy, research, publications and integration with the world of work.

Mission:

- The Central University of Himachal Pradesh with territorial jurisdiction over the whole state of Himachal Pradesh in India, will be global in outlook but grounded in local tradition and culture.
- The University shall strive to achieve excellence in higher education by offering the most relevant, up-to-date, multi-disciplinary programmes of study required for the present and future development and nation-building.
- The University will have a global outlook and international orientation to its programmes and services. It will adopt a holistic approach to higher education wherein total students' efforts in terms of commitment to contact hours, peer-group learning, self-learning, work experience, individual initiatives, group work and self-actualisation by harnessing their latent talents, are all taken into account in the assessment of students.
- The University will inculcate and nurture a culture of performance. Dedicated faculty and staff of the University will shape up the new generations of students to take up the mantle from the present generation. Progressive, democratic and secular outlook, commitment, dedication, diligence and devotion to duty shall characterise the ethos of the University.
- The University will be a symbiosis of world of knowledge and world of work with devotion to human values that will form the bedrock of pedagogical practice of the University. It will aim at a high degree of integration with the world of work through high quality research, publication, consultancy, industrial linkages and would create conditions to attract the most meritorious students not only from within the country but also from abroad.
- The University will proactively work to attract a diverse student population by resorting to means-blind admission policy to promote merit and through affirmative action lead to inclusive access to excellence in higher education.
- The University will aim at attracting the best and most eminent faculty recruited through multiple modes–full time, adjunct, chair professorship, scholar-in-residence, part-time and visiting, guest.
- The University will have world class facilities and infrastructure and will benchmark each of its activities with the best Universities of the world in terms of work ethics, work culture and services that promote welfare of all stakeholders- the students, the faculty, staff and society at large.

- Residential in character, programmes of study offered by the University will be multi-disciplinary, modular, based on a fully evolved choice based credit system with comprehensive continuous internal assessment.

- The University will adopt a pedagogy which recognises that each individual learner is unique in abilities, talent, dedication, commitment, devotion and in her/his approach to life and that each one will have to be provided opportunity to blossom at her/his own pace and in her/his own unique way.

- The University will organise its academic activities so as to create conditions for focussed attention to the development of specific discipline and advancement of knowledge through cross-fertilisation of ideas and by bringing together a cross section of disciplines.

- The University will have a wide variety of Schools of Study representing all domains of higher learning and thereby offering a wide variety of academic programmes at all levels of higher education across academic and professional disciplines in a modular-curricular framework and multi-disciplinary mode benchmarked with the best global practices.

- Each School of the University would be designed as autonomous within the framework of the Central Universities Act 2009 so as to fully empower the Deans to design, develop and offer courses in their chosen areas of specialisation and to take up research and consultancy activities within the broad philosophy and framework of the University.

- With a view to focus on the basics, Programme of Study of the University will be organised around specific domain of knowledge and discipline areas. Programmes of Study would, however, be multi-disciplinary as the students will have the freedom to register for courses (papers) offered by various Departments of Studies.

- In order to promote multi-disciplinary research, each School of the University will also have Specialised Centres to undertake multi-disciplinary research and curricula development activities.

- Equipped with research and computational facilities, these centres would provide physical and intellectual space to engage on a chosen theme of research. Based on the specific proposals, a select number of faculty members of the University may be placed in these centres in an internal sabbatical type of arrangement.

- The University will also have a Senior Secondary School affiliated to the Central Board of Secondary Education to provide excellent schooling to the children of the faculty, staff and neighbourhood.

- The University will also network with neighbouring schools and engage in capacity building of their students so as to serve as the feeder for the admissions in the University.

- The University will adopt development and operational strategy that promotes self-sufficiency and self-reliance and fosters academic, administrative and financial autonomy to perpetuate a culture of performance linked with self-accountability.

- The University will be attaining an enrolment size of 10,000 students and 1000 faculty across different Schools of Studies over a time span of 10 years.

Objectives of the University:

Objectives of the University as given in the Central Universities Act 2009 are as under:

- To disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem it fit;

- To make special provisions for integrated courses in humanities, social sciences, sciences and technology in its educational programmes;
- To take appropriate measures for promoting innovations in teaching-learning process and inter-disciplinary studies and research;
- To educate and train manpower for the development of the country;
- To establish linkage with industries for the promotion of science and technology;
- To pay special attention to the improvement of social and economic conditions and welfare of the people, their intellectual, academic and cultural development.

6.1.2 Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution's tradition and value orientations, its vision for the future, etc.?

Yes, the mission statement fully defines the institution's distinctive characteristics in terms of social needs and institution's tradition and value orientations. It aims at being global in culture but grounded in local tradition and culture; strives to achieve excellence by inculcating and nurture a culture of performance through dedicated faculty, aims at becoming a symbiosis of world of knowledge and world of work with devotion, committed to attracting students from diverse cultures and promote merit; aims at attracting eminent faculty by proving world class infrastructural facilities and benchmark its activities with the best universities of the world. It further aims at having a wide variety of autonomous schools and departments to promote multi disciplinary research.

The University is striving to discharge its institutional responsibilities and has a wide range of technical, professional and general courses which address the emerging needs of the society. The Central University of Himachal Pradesh has also focused on inculcation of high moral and ethical values through offering courses on Human Making. Various types of skill development courses are also offered at the University level.

6.1.3 How is the leadership involved

- in ensuring the organization's management system development, implementation and continuous improvement?
- in interacting with its stakeholders?
- in reinforcing a culture of excellence?
- in identifying organizational needs and striving to fulfil them?

(i) The University leadership has designed a transparent management system and functions through various Schools, Departments and Centres and implements its all policies through different bodies. The leadership regularly gets feedback from these bodies for the continuous improvement.

(ii) The leadership is actively involved in the improvement of the academic and administrative system of the university as it holds regular meetings with various functionaries and bodies in the areas of teaching, administration, research and student support.

(iii) The University leadership is in regular touch with various stakeholders including its internal members, parents, alumni, and industry representatives through periodic meetings and events

which involve their participation. The University believes that these interactions are essential for the fulfilment of its mission and vision.

(iv) The University leadership strives for excellence in all the areas of its operation whether it is academic or administrative. Various committees at central level have been constituted for the improvements of the management system. At the central level, IQAC is being strengthened to take quality initiatives. Regular meetings with Deans, HoDs and faculty members are held under the Chairmanship of the Vice-Chancellor/ Pro Vice-Chancellor where detailed discussions are held to bring excellence in all parts of the University life.

6.1.4   Were any of the top leadership positions of the university vacant for more than a year? If so, state the reasons.

No top leadership position of the University has been vacant for more than one year.

6.1.5   Does the university ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?

Yes, the University fully ensures that all positions in its various statutory bodies are filled and meetings are held on a regular basis. The University takes due care that any vacant position in its statutory bodies such as Executive Council, Academic Council, School Board, and Board of Studies is quickly filled to get the full benefit of the discussion from the representatives.

6.1.6   Does the university promote a culture of participative management? If yes, indicate the levels of participative management.

Yes, the University promotes a culture of participative management. The University has developed the culture of participatory management through delegation of authority at different levels and all efforts are being made to bring in the participation of faculty and administration at various levels. In the various high-level bodies and meetings, faculty and administrative staff in various cadres are associated so that a sense of ownership and involvement is promoted.

6.1.7   Give details of the academic and administrative leadership provided by the university to its affiliated colleges and the support and encouragement given to them to become autonomous.

Not Applicable

6.1.8   Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?

Not Applicable

6.1.9 How does the university groom leadership at various levels? Give details.

The University grooms leadership at various levels through faculty development and staff development programmes. The University organises such programmes from time to time to develop the leadership skills at various levels. At the school/ departmental level, the Deans and HoDs associate faculty for the conduct of various programmes such as allocating different works to different faculty members, organising workshops, seminars, alumni meet, and other such activities. Due care is taken regarding involvement of faculty and staff relating to institutional social responsibility like Swachh Bharat Abhiyaan and adoption of villages for development. Faculty at various levels is given responsibility in organising departmental activities and conducting examination so that they can take responsibility like a leader. Quality of leadership is encouraged among students too by giving them responsibilities for organising various co-curricular and extracurricular activities like cultural events, sport events, and University functions.

6.1.10 Has the university evolved a knowledge management strategy? If yes, give details.

The University encourages promotion of knowledge at all levels through individual and group efforts. The University encourages peer group learning at the departmental as well as the university level for the smooth transfer of knowledge. For this purpose, the University has constituted various types of clubs such as Innovation Club, Readers' Club, Research Cell, Photography Club, etc. The University has the culture of academic discussions among faculty and student at informal platforms. Most of the schools of the university have institutionalised the practice through regular forum called "School/ Departmental Cell" or Seminar Series, etc. where regular discussions are held on contemporary issues. Several departments have the system for peer group discussion for knowledge sharing. As mentioned above, the University is in the process of development of e-contents using MOODLE as a part of knowledge management strategy.

6.1.11 How are the following values reflected in the functioning of the university?

- **Contributing to national development**

  Central University of Himachal Pradesh produces professionally qualified and globally competent human resources contributing towards nation building. Since its inception, it has produced 1017students, out of which 973 have passed out with first class i.e. more than 60 per cent pass marks.

- **Fostering global competencies among students**
  The University is offering the courses of global importance and preparing the students to meet the global challenges by following the syllabi of world class universities and regularly incorporating latest developments.

- **Inculcating a sound value system among students**
  Since inception, the Central University of Himachal Pradesh has adopted the Choice Based Credit System (CBCS) and offer the courses like human values and ethics. The University has

prepared a detailed course list under the category of Human Making to be offered through foundation courses.

- **Promoting use of technology**

  All class rooms including the computer labs are well equipped with internet facilities for the students and faculty. Major portion of the campus is Wi-Fi enabled. Class room are well equipped with smart boards. Majority of the faculty teaches through ICT enabled services.

6.2   Strategy Development and Deployment

6.2.1   Does the university have a perspective plan for development? If yes, what aspects are considered in the development of policies and strategies?

- Vision
  Promote Inclusive Access & Excellence in Higher Education and Research

- Mission
  Achieve excellence in higher education by offering most relevant, up-to-date, multi-disciplinary programmes of study required for the present and future development and nation-building

- Teaching and learning

  The teaching and learning is done in different departments as per schedule and course contents are given to the students in the beginning of the semester. As mentioned earlier, the course contents are developed through various stages such as teacher concerned, faculty, Departmental committees, Board of Studies, School Board, Academic Council and finally in the Executive Council. The time table is prepared at the Departmental level and given to the students. The HoD ensures that the classes are held as per the time table. From time to time, workshops on various themes are organised by inviting experts from outside. Occasionally, departmental quizzes are organised. Besides mid-term and end term examinations, assignments and presentations by the students are an integral part of the teaching plans. Practically, in all the departments the students are given project work to promote experiential learning.

- Research and Development

  The faculty members are encouraged to undertake research through writing project proposals and also publishing in journal of national and international repute. As mentioned above, 31 research projects funded by various funding agencies are being implemented. At the university level, the problems of principal investigators are being attended to on priority like issuing utilisation certificates on time. All those faculty members who have got PhD degree are allotted research students. These efforts have started bearing fruits and during a short span of time nearly 500 research papers have been published in various journals of national and international repute.

- Community engagement

  The university is engaging with community through different ways. Five villages have been adopted in the vicinity of the university and various activities are undertaken in these villages to empower the villagers. The prominent persons from the neighbouring villages are included as members of Anti-ragging committees and are invited to various programmes being undertaken by the university like Swachh Bharat Abhiyan, etc. The students are allotted research projects on different issues faced by the community which help in increasing awareness among villagers.

- Human resource planning and development

  The university follows UGC guidelines in recruiting faculty and non-teaching staff and IQAC. Rigorous criteria are adopted to recruit quality faculty. The recruitment is done on all-India basis. Special induction programmes are conducted to educate the faculty about the teaching and learning methods followed by the university. The faculty members constantly improve their skills through their exposure to seminars, workshops, conferences, orientation courses, and so on.

- Industry interaction

  The university has established a university-industry interface cell which maintains close liaison with the industry. The faculty members are encouraged to provide consultancy and also promote linkages with the industry.

- Internationalisation

  The university has adopted teaching practices that are being adopted by the international educational institutions. However, it has also made its presence felt at the international level by organising international conferences and also by signing an MoU with Frankfurt University Germany. It is exploring the possibility of signing MoUs with other universities both at home and abroad.

6.2.2 Describe the university's internal organizational structure and decision making processes and their effectiveness.

The university has a standard organisational structure. The major administrative and academic decisions are taken by the Executive Council and Academic Council under the chairmanship of Honourable Vice Chancellor. The powers are, however, delegated to different Deans and Heads of the Departments at the School and Departmental level. The deans and heads deal with the academic matters and work in unison. The interdepartmental level decisions are taken in the meeting of deans and heads. The registrar is the administrative head of the university. The Finance Officer is responsible for managing the university finances while the Controller of Examinations takes care of the issues related to examination. The organisational structure of administration is given below:
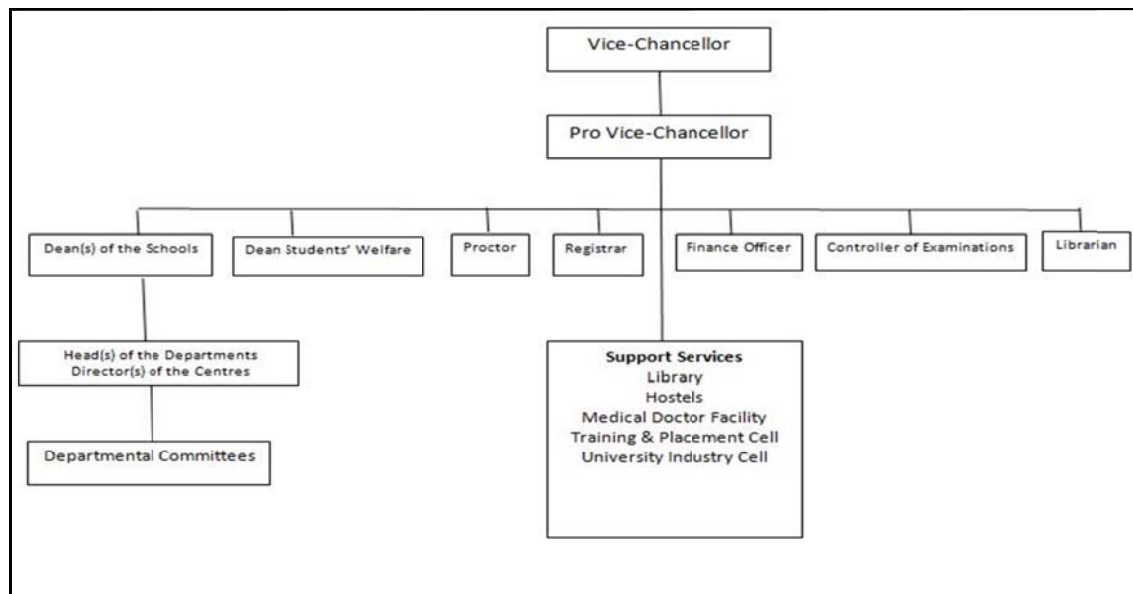
6.2.3   Does the university have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?

The university has established internal quality assurance cell which has started functioning and is in the process of developing formal policy to ensure quality both in teaching and research. However, the university is committed to ensure quality by imparting globally relevant education, by producing globally competent graduates, establishing relationship with industry, ensuring state of the art infrastructural facilities through consistent team work.

6.2.4   Does the university encourage its academic departments to function independently and autonomously and how does it ensure accountability?

Yes, all schools and departments function independently and have full autonomy. The Mission statement of the university visualises each school as an autonomous unit. Each department works under the supervision of the Dean of the school while the departmental issues are taken care of by the heads of the department. All departments have departmental committees to look after different functions, have their own Board of Studies (BOS) wherein all academic decisions are deliberated upon. At the School level, the School Board reviews the academic decisions taken at the Departmental level and BoS level. For PhD programmes, each department has its own Research Programme Monitoring Committee (RPMC) which monitors the progress of the esearch scholars. At the university level, the accountability is ensured through performance appraisal of faculty and feedbacks from students and other stakeholders.

6.2.5   During the last four years, have there been any instances of court cases filed by and against the institute? What were the critical issues and verdicts of the courts on these issues?

Nine court cases have filed in the form of civil writ petitions. The verdict in one case has been against the university while in other cases no decision has yet been given.

6.2.6 How does the university ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder-relationship?

The university has developed a very sound system to deal with grievances of the stakeholders and has devised the following mechanism:

Grievance handling mechanism of the university is as follow:

a) Grievance Cell for Students
b) Grievance Cell for Teachers
c) Grievance Cell for Non-Teaching Staff
d) Sensitisation, Prevention and Redressal of Sexual Harassment Cell (SPARSH)
e) Equal Opportunity Cell

6.2.7 Does the university have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

There exists a mechanism for analysing student feedback which is utilised for taking necessary preventive and curative actions. The feedback is obtained on 15 point parameters including subject knowledge and general awareness, conceptual clarity and understanding, communication and presentation skills, inspiring /motivating skills, expertise in using variety of teaching aids and innovative teaching methods, ability to ensure students interaction in teaching learning process, regularity and punctuality/time management, proficiency to use IT in teaching learning process, Guidance and interaction outside the class, objectivity in paper setting and evaluation, quality of reading material supplied /recommended, relevance and adequacy of the course contents, conduct and fairness, empathy/interpersonal skills of the teacher and overall impact of the teacher on student's growth/performance. Based on the students' feedback, remedial measures are taken at the departmental level to improve overall satisfaction of students.

6.2.8 Does the university conduct performance audit of the various departments?

The performance audit of different departments is conducted through the number of students who qualify NET/JRF examination, national level entrance test and among other things the pass percentage of the students and candidates are applying for admission to a particular department. Further, to monitor progress and quality of different courses being taught, the Head of the Department holds regular meeting and consultation with the faculty members.

6.2.9   What mechanisms have been evolved by the university to identify the developmental needs of its affiliated institutions?

Not applicable.

6.2.10 Does the university have a vibrant College Development Council (CDC) / Board of College and University Development (BCUD)? If yes, detail its structure, functions and achievements.

Not applicable.

6.3 Faculty Empowerment Strategies

The university encourages its faculty members to attend seminars, workshops, orientation courses, summer schools and other such programmes which expose them to latest developments in different fields. The details of the teachers who have attended these programmes are available in the Department Evaluative Reports. At the university level, each faculty member is provided with facilities like computers, internet facility, and e-resources through INFLIBNET.   Different departments are encouraged to arrange expert lectures for the benefit of both faculty and students. IQAC is currently devising ways and means to encourage faculty to enhance quality and monitor it on a continuous basis.

6.3.1. What efforts have been made to enhance the professional development of teaching and non-teaching staff?

The university regularly conducts faculty and staff development programmes for their professional development and improving their productivity. The faculty is encouraged to interact with industry and participate in outside seminars and conferences for their professional development. Due to this, the faculty is able to deliver better class room performance and produce quality publications in professional journals.

6.3.2. What is the outcome of the review of various appraisal methods used by the university? List the important decisions.

The Internal Quality Assurance Cell (IQAC) is devising a self-appraisal Proforma on the basis of the format designed by the UGC. The Proforma shall be circulated among the faculty to get the feedback which will be used to improve quality and target set for future.

6.3.3. What are the welfare schemes available for teaching and non- teaching staff? What percentage of staff have benefitted from these schemes in the last four years? Give details.

- Canteen facility
- Festival advance

- Tuition fee re-imbursement
- Facility of LTC
- Facility of home loan
- Facility of getting funding for attending seminars, workshops and conferences
- Facility of medical re-imbursement

6.3.4 What are the measures taken by the University for attracting and retaining eminent faculty?   The measures taken are:
- Freedom to work
- Infrastructural support
- Access to all available facilities
- Financial support to participate in seminars, conferences, seminars, workshops, etc

6.3.5 Has the university conducted a gender audit during the last four years? If yes, mention a few salient findings.

The university regularly compiles gender –wise academic data. However, the university plans to conduct a formal gender audit in future.

6.3.6 Does the university conduct any gender sensitization programmes for its faculty?

The University has SPARSH and Gender Champion's Club which conducts gender sensitization programmes from time to time both for faculty and students. Details of the activities conducted by SPARSH Gender Champion's Club are given below:

Activities of SPARSH

1. SPARSH committee members attended a two-day workshop organized by Integrated Training & Policy Research (ITPR) on Gender Sensitivity, Prevention & Redressal of Sexual Harassment of Women at Workplace on 20 & 21 February 2015 at New Delhi. It was addressed by an eminent and worthy resource person Mr. Tushar Kanti Goon who is an advocate in Delhi High Court. The objective of the workshop was to sensitize, prevent and prohibit sexual harassment against women at workplace, to comprehend various provisions of the Acts related to women and to understand the mechanism of framing the Sexual Harassment Policy in an organization.

2. An invited lecture on "Women Empowerment" was organized by SPARSH on 9th March 2015 to celebrate the International Women's Day. Ms. Rashmi Wali, founder of Hope Foundation and NGO representative of SPARSH, CUHP was invited. The lecture was organized for all the students, teachers and staff the University.

3. A panel discussion on "Issues related to Sexual Harassment" through ICT was organized by NITTR Chandigarh on 11th March 2015 from 2.00 p.m. to 4.00 p.m. The aim of the panel discussion was to create awareness among students and employees of various institutions about sexual harassment and strategies for coping with it. SPARSH, on behalf of Central University of

Himachal Pradesh, took the initiative to participate in the discussion with all the students and staff of the University

4. A lecture on "Sexual Harassment of Women at Workplace" was organized to sensitize the students about sexual harassment during the Orientation Programme of Students for the Academic Session 2015-17 on August 5, 2015.

5. SPARSH committee organized "Poster Making Competition" on 23rd November, 2016 on Gender Issues in India. All post-graduate students across various disciplines participated in the competition highlighting various serious gender issues like dowry system, sexual harassment of women at workplace, eve teasing, etc.

6. "Turn around Competition" was held on 24th November, 2015 in which students were given different topics on various Gender Issues. Participants were supposed to pick up a chit to select his or her topic and then discuss both the positive and the negative aspects of such topic.

7. SPARSH committee of the University in collaboration with the Social Work Society of the Department of Social Work organised a Karate Orientation Programme which was followed by the screening of a documentary for all the female members of CUHP at the university premises on 2nd March 2016. Mr. Navneen Ranaut, President–cum-Chief Instructor of Karate Do Indo Ryu Association of Himachal Pradesh was the instructor for the event. The main purpose of the event was to encourage women for their self defence and make them independent.

Activities of Gender Champions Club CUHP

1. A Debate Competition was organized by Gender Champions Club CUHP on 8th April 2016 in which students from under-graduate, post-graduate and research scholars participated. Students in each category were given different topics on various gender issues for discussion.

2. Gender Champions Club CUHP organized an Essay Writing Competition on 19th May 2016 in collaboration with SPARSH. In this competition, students of post-graduate classes and research scholars across different disciplines participated enthusiastically. Few pictures were displayed in front of the participants and they were asked to write an essay in Hindi or English on any one of the pictures on their choice.

6.3.7   What is the impact of the University's Academic Staff College Programmes in enhancing the competencies of the university faculty?

As of now university does not have its own Academic Staff College.

6.4   Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism available to monitor the effective and efficient use of financial resources?

The Finance Officer with the help of internal audit officer ensures and monitors the effective and efficient use of financial resources. The guidelines issued by the UGC and MHRD from time to time are strictly followed.

6.4.2. Does the university have a mechanism for internal and external audit? Give details.

Yes, the University has a proper system of audit by CAG. The Annual Accounts approved by FC and EC are sent to CAG which are audited by a team of external auditors nominated by the CAG. The audited accounts are sent to MHRD to be placed in the Parliament. To ensure internal auditing, there is a permanent post of Internal Audit Officer in the University.

6.4.3 Are the institution's accounts audited regularly? Have there been any major audit objections, if so, how were they addressed?

Yes, the accounts of the University are audited regularly and there is no major audit objection in the audit report during the last four-five years.

6.4.4 Provide the audited income and expenditure statement of academic and administrative activities of the last four years.

2011-12			
Income	**Schedule**	**2010-11**	**2011-12**
Income from Sales/Services	12	0.00	0.00
Grants/Subsidies	13	15,00,00,000.00	10,00,00,000.00
Fees/Subscriptions	14	10,48,345.00	31,32,742.00
Income from Investments (Income on Earmarked/Endowment funds Transferred to Funds)	15	0.00	0.00
Income from Royalty, Publication etc.	16	0.00	0.00
Interest Earned	17	28,44,751.00	1,26,10,721.00
Other Income	18	6,78,787.00	24,71,015.00
Increase/(decrease) in stock of finished and work-in-progress	19	0.00	0.00
Total (A)		15,45,71,883.00	11,82,14,478.00
Expenditure			
Establishment Expenses	20	86,15,753.00	1,97,54,491.00
Other Administrative Expenses etc.	21	1,11,40,813.00	2,03,82,088.00
Expenditure on Grants, Subsidies etc	22	0.00	0.00
Interest/Bank charges	23	388.00	661.00
Depreciation (Net Total at the Year-End Corresponding to Schedule-8		48,18,184.00	78,13,527.00
Total (B)		2,45,75,138.00	4,79,50,767.00

2012-13			
Income	**Schedule**	**2011-12**	**2012-13**
Income from Sales/Services	12	0.00	0.00
Grants/Subsidies	13	10,00,00,000.00	15,00,00,000.00
Fees/Subscriptions	14	31,32,742.00	57,77,285.00
Income from Investments (Income on Earmarked/Endowment funds Trfrd to Funds)	15	0.00	0.00
Income from Royalty, Publication etc.	16	0.00	0.00
Interest Earned	17	1,26,10,721.00	1,96,32,390.00
Other Income	18	24,71,015.00	1,25,308.00
Increase/(decrease) in stock of finished and work-in-progress	19	0.00	0.00
Total (A)		**11,82,14,478.00**	**17,55,34,983.00**
Expenditure			
Establishment Expenses	20	19754491.00	46813417.00
Other Administrative Expenses etc.	21	20382088.00	29786409.00
Expenditure on Grants, Subsidies etc	22	0.00	0.00
Interest/Bank charges	23	661.00	197.00
Depreciation (Net Total at the Year-End Corresponding to Schedule-8		7813527.00	8912902.00
Total (B)		**4,79,50,767.00**	**8,55,12,925.00**

2013-14			
Income	**Schedule**	**2012-13**	**2013-14**
Income			
Grants & Donations	12	15,00,00,000.00	5,47,96,735.00
Academic Receipts	11	51,91,835.00	56,71,648.00
Income From Investments	13	0.00	0.00
Other Income	14	2,03,43,148.00	3,39,32,036.00
Total (A)		17,55,34,983.00	9,44,00,419.00
Expenditure			
Staff Payments & Benefits	15	4,68,13,417.00	7,41,52,014.00
Academic Expenses	16	50,42,126.00	98,55,597.00
Administrative & General Expenses	17	1,94,68,222.00	2,41,52,272.00
Transportation Expenses	18	44,84,341.00	62,38,388.00
Repair & Maintenance Expenses	19	7,60,309.00	15,59,354.00
Finance Costs	20	197.0	23,323.00
Other Expenses	21	31,411.00	1,85,696.00
Depreciation (NET Total at the Year End-Corresponding to Schedule-7)	7	89,12,902.00	98,55,067.00
Total (B)		**8,55,12,925.00**	**12,60,21,711.00**

2014-15			
Particulars	Schedule	2014-15	2013-14
Income			
Academic Receipts	9	50,76,604.00	45,60,148.00
Grants/Subsidies	10	0.00	5,47,96,735.00
Income From Investments	11	0.00	0.00
Interest Earned	12	2,62,94,012.00	3,12,25,793.00
Other Income	13	24,95,946.00	38,11,044.00
Prior Period Income	14	0.00	6,699.00
	Total (A)	**3,38,66,562.00**	**9,44,00,419.00**
Expenditure			
Staff Payments & Benefits (Establishment Expenses)	15	8,33,94,528.00	7,41,52,014.00
Academic Expenses	16	1,16,34,699.00	99,22,971.00
Administrative & General Expenses	17	2,62,67,424.00	2,40,83,890.00
Transportation Expenses	18	76,50,712.00	62,38,388.00
Repair & Maintenance Expenses	19	12,59,125.00	15,60,362.00
Finance Costs	20	8,711.00	23,323.00
Depreciation	4	87,44,832.00	98,55,067.00
Other Expenses	21	0.00	0.00
Prior Period Expenses	22	1,000.00	1,s85,696.00
	Total (B)	**13,89,61,031.00**	**12,60,21,711.00**

2015-16			
Particulars	Schedule	2015-16	2014-15
Income			
Academic Receipts	9	50,36,354.00	50,76,604.00
Grants/Subsidies	10	44,98,76,000.00	0.00
Income From Investments	11	0.00	0.00
Interest Earned	12	4,32,56,712.00	2,62,94,012.00
Other Income	13	3,83,73,02.00	24,95,946.00
Prior Period Income	14	0.00	0.00
	Total (A)	**50,20,06,368.00**	**3,38,66,562.00**
Expenditure			
Staff Payments & Benefits (Establishment Expenses)	15	8,66,53,674.00	8,33,94,528.00
Academic Expenses	16	1,12,41,398.00	1,16,34,699.00
Administrative & General Expenses	17	2,85,84,620.00	2,62,67,424.00
Transportation Expenses	18	1,05,25,947.00	76,50,712.00
Repair & Maintenance Expenses	19	15,17,694.00	12,59,125.00
Finance Costs	20	13,292.00	8,711.00
Depreciation	4	88,54,201.00	87,44,832.00
Other Expenses	21	0.00	0.00
Prior Period Expenses	22	0.00	1,000.00
	Total (B)	**14,73,90,826.00**	**13,89,61,031.00**

6.4.5   Narrate the efforts taken by the University for Resource Mobilization.

The university charges nominal fee from the students for the services provided by it like hostel fee, electricity and water charges, transportation, etc.   The teachers are encouraged to write projects proposals and submit these funding agencies.

6.4.6   Is there any provision for the university to create a corpus fund? If yes, give details.

The university has created an endowment fund.

6.5   Internal Quality Assurance System

6.5.1   Does the university conduct an academic audit of its departments? If yes, give details.

Yes, the university regularly conducts academic audit of its departments. The criteria for academic audit include, new programmes offered, industry relevance of the programmes, faculty publications, faculty representation on professional and academic bodies, seminars/conferences organised, faculty diversity and qualification enhancement, adequacy of academic infrastructure and students support system, class room delivery, extracurricular and extension activities undertaken and the operation of the feedback system and its utilization.

6.5.2   Based on the recommendations of the academic audit, what specific measures have been taken by the university to improve teaching, learning and evaluation?

The Vice-Chancellor/Pro Vice-Chancellor regularly conduct meetings with the Deans and Heads of the departments to discuss the issues related to teaching and research

6.5.3   Is there a central body within the university to continuously review the teaching learning process? Give details of its structure, methodologies of operations   and outcome?

The Academic Council of the university takes all the academic decisions which include those pertaining to teaching – learning process. Depending upon the requirements of the academic growth, deans of respective schools bring forth proposal for improving teaching learning processes.

6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

The IQAC is devising strategies in consultation with the faculty to institutionalise the quality enhancement strategies and processes and also to continuously monitor it.

6.5.5   How many decisions of the IQAC have been placed before the statutory authorities of the University for Implementation?

The IQAC is still in its formative stage.

6.5.6   Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

Yes, the IQAC has external members. These members share their experiences and make suggestions to improve quality.

6.5.7   Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

As mentioned above, IQAC is planning its activities and the system to implement proposed measure to monitor quality.

6.5.8 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centres, etc.?

The Vice Chancellor and Pro Vice Chancellor occasionally hold meeting with the Deans, Heads and faculty members to review the ongoing academic activities and discuss measures to strengthen them further.

Any other information regarding Governance, Leadership and Management which the university would like to include.

CRITERIA VII: INNOVATION AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the University conduct a Green Audit of its campus?

The University conducts Green audit of its campus. The following are the details:

- There are number of trees planted to make the campus a green campus.
- Plantation of trees is a programme organized every year. The University administration, employees and students participate in plantation programmes.
- Incandescent lamps have been replaced with CFL lamps.
- Installed 3 and 5 star rating low consumption AC units.

Water Harvesting: The Department of Environmental Sciences is engaged in spreading awareness among the surrounding villages about water harvesting. It also has a waste management committee. The e-waste in the university is recorded and is disposed off through tendering.

7.1.2 What are the initiatives taken by the University to make the campus eco-friendly?

The University is taking various initiatives to make the campus eco friendly. There is Eco Club Unit with a coordinator to plan and monitor the ecosystem of the University.

Energy conservation
The University is taking several measures for energy conservation. They are:

- Encouraging use of CFL lamps
- Restricting the use of air conditioners
- Ensuring that all lights, fans and AC are switched off when no one is sitting in the room
- It is proposed to conduct energy audit every year
- In both the hostels, the students have been asked to switch off all lights and fans whenever they are not in the room. This is being strictly monitored. Students are not allowed to use heaters in their rooms.

Efforts for Carbon neutrality

- Restriction in the use of air conditioners to reduce the greenhouse gases along with Co2.
- Emphasis to plant more number of trees which are mutually beneficial.

Plantation

- Programmes for aforestation to maintain the campus green and healthy.

Hazardous waste management

Effective discharge of water from laboratories

Putting of damaged glassware and chemicals in specified locations

Campus is plastic free

E-waste management

The University has adopted a policy for E-waste management. Necessary steps have been taken for speedy disposal. Awareness programmes on eco-friendly environment, energy conservation, plantation, environment protection act, advantages of planting trees and aesthetic sense of nature, etc., are conducted for the students, research scholars and faculty.

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the University.

Guided by the reforms agenda in higher education and learning from the experiences of the best universities of the world, the University has introduced a number of innovations, as detailed below:

- **Semester-based Academic Calendar:** All academic programmes of the University – Undergraduate (UG), Post Graduate (PG) and MPhil/PhD i.e. Research Degrees (RD) –are based on semester system, designed at par with global practices in terms of effective number of teaching days and teaching-learning inputs.

- **Programmes based on Comprehensive Choice Based Credit System:** The University has introduced Comprehensive Choice Based Credit System (CCBCS) as per UGC norms largely on the lines of the best universities of the world.

- **Programmes of Study are defined in terms of Credits:** As opposed to papers/courses in the conventional system, a student shall be required to accumulate:
    - 120 UG Credits to earn a UG degree
    - 80 PG Credits to earn a PG degree
    - 60 RD Credits to earn an MPhil degree
    - 120 RD Credits to earn a PhD degree

- **Students Mobility and Credit Transfer:** The University has designed a framework to facilitate credit accumulation by its students from other recognised universities of India and abroad. The university has developed a structured mechanism to work out the equivalence and accept the transfer of credits earned by its students from other universities as per the relevant Ordinance of the Central University of Himachal Pradesh.

- **Students to accumulate required number of credits from across disciplines**: The inter-disciplinary approach in the selection of courses is followed with most of the courses from the department and rest from other schools/departments of the university.

- **Innovative approach in designing Programmes of Study:** Programme of Study would not design Programmes of Study as such. Instead, they would (a) Design and offer courses, based on the expertise and specialisation of their faculty members; (b) Specify pre-requisite and co-requisites for each course offered; (c) Guide the students to make their own basket of courses to accumulate the required credits to complete their Programme of Study. Thus, the focus is on '**learner-centred approach**' (as opposed to the conventional 'teacher-centred approach') to accommodate learner's needs and expectations to have wider choices in content, mode and pace of learning.

- **Computation of Credits based on a Holistic Approach to Learning:** In the Central University of Himachal Pradesh, one credit is defined as equivalent to the Total Student's Effort (TSE) of 30 hours comprising:
    - 10 hours of lectures/organised classroom activity/contact hours;
    - 5 hours of laboratory work/ practical/field work/tutorials/teacher-led activities;
    - 15 hours of other workload such as independent individual/ group work; obligatory/ optional work placement; literature survey/ library work; data collection/ field work; writing of papers/ projects/dissertation/thesis; seminars, etc.

Thus, the focus is on in-depth learning driven by intrinsic curiosity and mastery of the subject by balancing the taught content with independent self-directed learning.

- **All Programmes of Study to be Modular:** All Programmes of Study in the university are designed as modular with exit and lateral entry option. While most students may want to complete their UG/PG/RD without any break, some may opt out of the Programme of Study mid way due to their personal compelling reasons. The University, therefore, provides a structured framework for students to opt out mid-programme, whereby, depending on the extent of time spent on campus and credits accumulated by them, they will be awarded certificate/diploma/advanced diploma. For instance, if any student wants to quit Study after two semesters, he/she can do so and would be awarded an appropriate Certificate/Diploma/Advanced Diploma and can rejoin his/her Study from this point within two years again. Thus:
    - **A Student Admitted to UG Programme may get:**
        - Certificate (if opts out after 2 Semesters with 40 UG Credits);
        - Diploma (if opts out after 4 Semesters with 80 UG Credits);
        - Bachelor's Degree (if stays on to complete full 6 semesters with 120 UG Credits).
    - **A Student Admitted to PG Programme may get:**
        - Advanced Diploma (if opts out after 2 semesters with 40 PG credits);
        - Master Degree (if stays on for full 4 semesters with 80 PG credits).

Those who thus opt out would be eligible to join laterally to complete and earn their degree, if they return to the university within the next two years.

- **All Programmes of Study to be Multi-disciplinary/Inter-disciplinary:** While Programmes of Studies of the University are designed around basic disciplines (to enable faculty members to continue to focus on their specialised areas of research) each Programme of Study of the university is multi-disciplinary. The student is empowered to accumulate required number of credits from a wide variety of courses offered throughout the university (e.g. a student will be entitled to learn mathematics with music, physics with philosophy, and technical courses with humanities and so on). Accordingly:

- **At PG level, a student would be required to accumulate total 80 PG credits as under:**

Course Type		Credits required
Core courses	Compulsory (50%)	40
	Open (15%)	12
Elective courses	Specialisation (20%)	16
	Open (5%)	4
Foundation courses	Human making (5%)	4
	Skill development (5%)	4
Total credit requirements (100%)		**80**

- **At UG level, a student would be required to accumulate total 140 UG credits as under:**

Course Type		Credits required
Core courses	Compulsory (60%)	72
	Open (10%)	12
Elective courses	Specialisation (10%)	12
	Open (10%)	12
Foundation courses	Human making (5%)	6
	Skill development (5%)	6
Total credit requirements (100%)		**120**

- **All Programmes to be based on Comprehensive Continuous Internal Assessment:** Students in all Programmes of Study across disciplines and at all levels shall be assessed through Comprehensive Continuous Internal Assessment based on quiz, assignments, independent works, group works, mid-semester and end-semester examination. As a general principle, the Comprehensive Continuous Internal Assessment shall comprise the following components:
  - Continuous Internal Assessment   - 25%
  - Mid Semester Examination   - 25%
  - End Semester Examination   - 50%

- **All Programmes of Study to have Grading System:** The University shall has grading system based on Ten point scale of evaluation of the performances of students in terms of Marks, Grade points, Letter grade and Description of letter grades. The total performance of a student within a semester and continuous performance from the second semester onwards shall be indicated by (a) Grade Point Average (GPA); (b) Weighted Average Marks (WAM); (c) Cumulative Grade Point Average (CGPA); and (d) Overall Weighted Percentage Marks (OWPM).

INNOVATIVE RESEARCH DEGREE (MPhil/PhD) PROGRAMMES:

- The University has rigorous full time Research Degree (RD) Programmes that aim at honing the research skills, grooming teaching abilities, producing quality research publications and proactive participation in seminars and conferences. Accordingly, the award of RD requires a student to accumulate credits through course work, teaching assistantship, published work and dissertation/ thesis. The duration and credit requirements for MPhil and PhD Programmes are as under:

MPhil: For successful completion of the RD Programme leading to the award of the MPhil degree, a student is required to accumulate a total of 60 RD Credits as under: Course Work: 20 Credits Dissertation: 20 Credits Publications: 10 Credits Teaching Assistantship: 10 Credits	**PhD:** For successful completion of the RD Programme leading to the award of the PhD degree, a student is required to accumulate a total of 120 RD Credits as under: Course Work: 20 Credits Dissertation: 60 Credits Publications: 20 Credits Teaching Assistantship: 20 Credits

- A candidate admitted to the Research Degree (RD) Programme is required to complete the prescribed course work in the first two Semesters of his/her admission. Notwithstanding the maximum prescribed duration of the Research Degree Programme, if a candidate fails to complete the prescribed course work in two semesters, his/her admission be cancelled and his/her name is removed from the rolls of the University. Provided further that no candidate admitted to the Research Degree Programme shall be permitted to proceed with the dissertation work till such time he/she completes the prescribed course work.

- Immediately upon the completion of formalities for admission in the Research Degree Programme, each candidate is required to submit in writing, on the prescribed format, as to whether s/he wishes to pursue MPhil/PhD Degree.

- In case a candidate admitted to the Research Degree Programme holds M.Phil degree from this university or other universities, the Credit requirements for course work, publication and teaching assistantship are adjusted accordingly. Such candidates is, however, required to complete the full 60 RD Credits for thesis work along with the balance of credits for the course work, publication work and teaching assistantship.

- Computation of Credits for Published Work for MPhil and PhD degree is as under:

   i) 2 credits for each popular article published / paper presented in national seminars/ conferences/ workshops;
   ii) 4 credits for each paper presented in international seminars/ conferences/ workshops;
   iii) 5 credits for each paper in approved refereed national journal;
   iv) 10 credits for each paper in approved refereed international journal;
   v) Each Department/Centre registering candidates for RD Programme shall be required to maintain an updated list of approved journals for publication.

- Computation of credits for Teaching Assistantships for the MPhil and PhD degree is made as under:

  vi) 5 credits for working for shared teaching of a one-semester course of two credits; Maximum 10 credits from this category.

  vii) 1 credit for every 30hours of involvement in assessment, evaluation, examination, course development, development of reading lists, etc.
  Maximum 10 credits from this category.

  viii) One credit for every 15 hours of invigilation in examination.
  Maximum 10 credits from this category.
  Provided further that one has to earn at least two credits from each section.
  (Supervisor concerned to audit the workload claimed under this category and certify)

Some other important innovative initiatives that have been taken up in the University for its Effective functioning are described below.

i. **Optimal Utilization of Space:** To ensure optimal utilization of the available space, some schools function from Monday to Friday while others function from Tuesday to Saturday. In a similar vein, the classes on a particular day are run in two shifts; while the students in the first shift come at 8.30 a. m. and leave at 3.30 p.m. the second shift starts from 11.30 a. m. and ends at 5.30 p.m. However, students get two days to make up deficiencies in their studies. This also provides wider scope for slow learners and fast learners to have more academic inputs in their learning process. In addition to this, teachers and research scholars also get sufficient time for research and development.

ii. **Computerized pre and post examination processing:** A computer section for pre and post examination processing is established for efficient and speedy processing of examination schedules and announcement of results. The on-line examination application forms, on-line issue of hall tickets, on-line publishing of results have increased the efficiency of the evaluation process.

iii. **Introduction of WI-FI facility in the campus:** The University is providing Wi-Fi facility to all its students and faculty on the campus and in hostels. The University has acquired two high-end servers.

iv. **Memoranda of Understanding:** To develop relationship for mutual benefits, the University so far entered into MoUs and established linkages with organizations in the country and also of International repute. They include Research Institutions and foreign universities.

v. **IQAC:** The Internal Quality Assurance Cell has been established in the university to ensure quality and to ensure that stakeholders, namely, parents, teachers, would be employers, funding agencies and society in general, stay connected with higher education and its quality and probity.

vi. **Feedback:** Feedback from students on faculty performance, usefulness of the curriculum, infrastructure, administration and support services has been taken to identify service failures and deficiencies and to take appropriate corrective and preventive measures. Feedback is also taken from alumni of the University.

vii.   **Alumni Associations:** The heads of the departments are requested to promote alumni associations in each and every department.

viii.   **Campus networking:** In order to strengthen the applications of information and communication technology in academics, research and administration, the University has taken up campus networking project and completed it successfully.

ix.   **Grievance Redressal Mechanism:** To resolve the grievances internally, the University has established one Grievance Redressal Cell for students on general issues, one Grievance Cell to handle the grievances of girls including sexual harassment and one Grievance Redressal Cell to resolve examination related grievances.

x.   **Teaching Plans:** The faculty of all the Departments have developed detailed course contents listing, among other things, the teaching plans and examination schedule. There is a standard format for developing the course contents. For example, the contents have been divided into five units. These course contents are uploaded on the University website. Another important feature is that the University has adopted a text book base teaching; text books which the teachers follow along with supplementary reading are given in the course contents.

xi.   **Display of attendance by 5th of every month:** The Head of the department is required to display attendance of the students on 5th of every month. The parents of the students who fall shortage of attendance are informed accordingly.

xii.   **Text Based Teaching:** To facilitate the students' learning, each teacher while preparing course contents prescribes text book which is followed by him/her. However, to take care of advanced learners, supplementary readings are also prescribed.

xiii.   **Distribution of Detailed Course Contents:** The detailed course content giving detailed topics and teaching plans for the forthcoming semester are distributed to the students towards the end of each semester.

xiv.   **Keeping the Campus Clean**: In order to keep the campus clean and green, all peons/attendants work under the supervision of Assistant Security Officer between 9.30 a.m. to 10.30 a. m.

7.3 Best Practices

7.3.1 Give details of any two best practices which have contributed to better academic and administrative functioning of the University:

1.   Title of the Practice: Community Lab

2.   **Objectives of the Practice**

To transfer/use the knowdge generated during the class room teaching for the welfare of local community. The intended outcome is to improve the well-being of the local community through appropriate interventions

3.   **The   Context:** A   critical   concern   of   research   undertaken   in   different   research institutions/universities is its mismatch with the actual issues/problems faced by the common people at the grassroots. While interaction between the industry and research institutions is being promoted continuously, not much has been done to promote close interaction between the research on social issues and the felt needs of the community. It is against this background that the Central University of Himachal Pradesh (CUHP) has institutionalized the programme of Community Lab and made it as an essential component of its academic programme. The purpose of Community Lab is, inter alia, to promote continuous interaction and flow of knowledge between the University and the people at the grassroots that would be mutually beneficial to the common people & the students, researchers, and academicians of the University. The introduction of the course on Community Lab enables students to apply theoretical knowledge acquired in the classrooms to real life situations in the community. This provides an opportunity to students to realign their research and capabilities to seek answers to questions critical for improving the well-being of the community. It also contributes to the development of appropriate interventions in various aspects socio-economic and cultural life of the people that includes agriculture, health, education, environment, energy, finance, nutrition, labour markets, local level political institutions etc.

4.   **The Practice** The baseline data is generated through doing a base line survey. This shall enable students, among other things, understand what works with community and what does not, the felt needs of the community, nature of interventions that are required and the areas in which the university can make direct or indirect contribution towards improving the well being of the Community. This documentation would be of huge significance to different stakeholders namely, policy makers, scholars, academicians, and agencies engaged in community work.

5.   **Evidence of Success:** There is increasing awreness among villagers about their rights and various developmental schemes being implemented by the government for their welfare.

6.   **Problems Encountered and Resources Required:** Sometimes it becomes difficult to convince people about the beneficial effect of thee interventions proposed by different departments of the University.   Resources are required to buy one or two buses to provide transpiort facilities to the students and faculty for undertaking work related to community lab.

7.   **Notes:** No additional information

Best Practice 2

1.   **Complete Freedom to the Faculty to Revise and Update the Course Curriculum**

2.   **Objective:** To keep the course curriculum up-to-date

3. **The Context**: In modern era when the knowledge is simply exploding day by day and given the availability of the means of information technology, there is a need to revise and update the course curriculum continuously. Moreover, through attending conferences, seminars, workshops, refresher course get exposed to the latest topics/course contents which are being tought in different universities. This practice enables them to include all these topics in the course contents without forma approval from Board of Studies and other such committees.

4. **The Practice**: The faculty members give detailed course contents to the students with complete lecture schedule in the beginning of each semester. In addition, during the semester they can also introduce the topics and also which should be taught to the students.

5. **Evidence of Success**: Feedback from the students and alumni. Also increasing number of students which clear JRF/NET and other examination for seeking admission to higher to pursue higher studies.

6. **Problems Encountered**: No problem is encounteres. There is also no resource constraint

7. **Notes:** There is no additional information.

EVALUATIVE REPORT OF THE DEPARTMENTS

3. The Evaluative Reports of the following Departments as per the NAAC format are presented in Volume II.

1. Centre for Computational Biology and Bioinformatics
2. Department of Computer Science & Informatics
3. Department of Economics & Public Policy
4. Department of English & European Languages
5. Department of Environment Sciences
6. Department of Hindi & Indian Languages
7. Department of Journalism & Creative Writing
8. Department of Library & Information Science
9. School of Business and Management Studies
10. Department of Mathematics
11. Department of Mass Communication & Electronic Media
12. Department of Physics and Astronomical Sciences
13. Department of Social Work
14. Department of Teacher Education
15. Department of Tourism & Travel Management

Note: The Department Evaluative Reports of the Department of Sociology & Anthropolgy, Department of Sanskrit & Pali and Department of Visual Arts have not been given since these departments strated functioning only during the academic session 2015-16

4. DECLARATION BY THE HEAD OF THE INSTITUTION

I certify that the data included in this SELF STUDY REPORT (SSR) are true to the best of my knowledge.

This SSR is prepared by the Institution after internal discussions, and no part thereof has been outsourced.

I am aware the Peer Team will validate the information provided in the Self Study Report during the Peer Team Visit.

Signature of the Head of the Institution
with seal

Pale: Dharamshala
Date:

हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय
Central University of Himachal Pradesh

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हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय

धर्मशाला, जिला काँगड़ा, हिमाचल प्रदेश

Central University of Himachal Pradesh
Dharamshala, District Kangra, Himachal Pradesh

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DEPARTMENT EVALUATIVE REPORT

खंड II
Volume II

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद (नैक), बैंगलोर

को जमा कराई गई

Submitted to
National Assessment and Accreditation Council (NAAC), Bangalore

हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय
धर्मशाला, जिला काँगड़ा, हिमाचल प्रदेश

विभाग मुल्यांकन रिपोर्ट
DEPARTMENT EVALUATIVE REPORTS

खंड II
Volume II

Central University of Himachal Pradesh
Dharamshala, District Kangra, Himachal Pradesh

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद (नैक), बैंगलोर
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Submitted to

National Assessment and Accreditation Council (NAAC), Bangalore

Index

Centre for
Computational Biology
& Bioinformatics

1. **Name of the Department/Centre:**
   - Centre for Computational Biology and Bioinformatics

2. **Year of establishment:**
   - 2011-12

3. **Is the Department part of a School/Faculty of the University?**
   - Yes. It is part of the School of Life Sciences

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
   - Advanced Diploma (Student has a choice to opt for Advanced Diploma after successful completion of 2 Semesters credits)
   - M.Sc. (4 Semesters)
   - Ph.D. (6 Semesters)

5. **Interdisciplinary programmes and departments involved**
   - Every Course offered by the Department is Interdisciplinary in nature.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
   - NIL

7. **Details of programmes discontinued, if any, with reasons**
   - No programme has been discontinued till date.

8. **Examination System:**
   - Semester Systems
   - Choice Based Credit System (CBCS)

9. **[A] Participation of the department in the courses offered by other departments**

Academic Batch	Course Code	Name of the Courses	Total Number of Students opting for these courses
2011-13	CSR 401	Human Values and Ethics	25
	CSI 401	Programming Methodology and Problem Solving in C	25
	SOC 401	Understanding Contemporary Society	25
	SAS 401	Mathematical Statistics	26
	LIS 410	Fundamentals of Information and	26

		Communication technology	
	EEL 414	Advanced Oral Communication Skills	25
	CSI 409	Database Management System	25
	CSI 503	Java Programming	25
	EEL 412	Academic Writing	24
2012-14	SOC 401	Understanding Contemporary Society	26
	LIS 410	Fundamentals of Information and Communication technology	26
	EEL 414	Advanced Oral Communication Skills	26
	MTH 410	Fundamentals of Statistics	26
	ENV 522	Ecosystem Diversity	16
	ENV 547	Contemporary Environmental Issues	10
	CSI 409	Database Management System	26
	CSI 401	Programming Methodology and Problem Solving in C	26
	CSI 407 A	LAB C	26
2013-15	EEL414	Advanced oral communication skill	18
	CSI406A	Fundamentals of ICT	21
	TTR406	Research Methods in statistics	21
	ENV 501	Environmental pollution in environmental health	17
	HRM 410	Personality development and career management	4
	ENV 424	Fundamentals of remote sensing	3
	CSI 409A	DBMS	21
	CSI 414A	DBMS-LAB	21
2014-16	TTM 429	Security, rescue and disaster management	18
	LIS 410	Fundamentals of Information and Communication	24
	EEL 414	Advanced oral communication in English	24
	PAS 418	Physics for everyone	02
	TTR 411	Education of children with special analysis	13
	HRM 402	Human Resource Management	05
	CS I401	Programming methodology and problem solving	22
	CSI 407A	LAB-C	22
	HRM 410	Personality development and career	07

		development	
	EEL 412	Academic writing	04
	TTR 436	Science Education	18
	TTR 454	Gender, society and education	03
2015-17	TTR 458	Mental Health: Issues and Concerns	6
	TTR 459	Life Skills	5
	TTR 455	Public Speaking and Presentation Skills	3
	CSR 401	Human Values and Ethics	2
	TTR 460	Indian Constitution and Citizenship	1
	EEL 414	Advance Oral Communication Skills in English	2
	SWR 498	Project Formulation and Report Writing	3
	ENV 411	Waste Management	1
	TTM 429	Security, Rescue and Disaster Management	5
	MCE 437	Basics of Videography	4
	ENV 547	Contemporary Environmental Issues	6
	HRM 416	Knowledge-based Life Coaching for Youth	1
	EEL 411	Advanced Reading and Comprehension	2
	HIL 445	Patkatha Lekhan (Kathatmak evam Gair-Kathatmak)	2
	AFA 544	Finance and Investment Skills	1
	EEL 443	Literature, Empathy and Human-Making	2
	MCE 412	Economics of New Media Communication	1

[B] Participation of other departments in the courses offered by CCBB:

Sr. No.	Course Code	Course Name	CBB Faculty	Students from the other Department	No. of Students
1.	CBB 411	Introduction to PERL	Dr. Vikram Singh	IT	
2.	CBB 413	Practical Course on PERL	Dr. Vikram Singh	IT	
3.	CBB 529	Introduction to Dynamical Systems:	Dr. Vikram Singh	Maths	

		From Cells to Societies			
4.	CBB 516	Molecular Evolution and Biodiversity	Dr. Yusuf Akhter	Environmental Sciences	
5.	CBB 504	Genomics and Proteomics	Dr. Yusuf Akhter	Environmental Sciences	
6.	CBB 432	Public health and Infections	Dr. Yusuf Akhter	MA/MSc students	
7.	CBB 504	Genomics and Proteomics	Dr. Shailender K. Verma	Environmental Sciences	
8.	CBB 420	Cell biology and Genetics	Dr. Shailender K. Verma	Environmental Sciences	
9.	CBB 425	Basics of Plant Biotechnology	Dr. Shailender K. Verma	Environmental Sciences	

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

Name of the Post	Posts Sanctioned	Filled Posts	Actual (Including CAS & MPS)
Professor	1	0	0
Associate Professor	2	0	0
Asst. Professor	4	4	4
Others	0	0	0
Total	7	4	4

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:**

Name	Qualification	Designation	Specialisation	No. of Years of Experience	No. of Ph.D./M.Phil. Students guided/guiding for the last 4 years
Yusuf Akhter	Ph.D.	Assistant Professor	Structural Bioinformatics and Immunoinformatics	6	3 (as Supervisor) and 3 (as Co-supervisor) -- Guiding
Vikram Singh	Ph D	Assistant	Computational	4	3 (as

		Professor	Systems Biology and Statistical Genomics		Supervisor) -- Guiding
Polamarasetty Aparoy	Ph.D	Associate Professor	Molecular Simulations & Computer Aided Drug Design	5	4(as Supervisor) – Guiding
Shailender Kumar Verma	Ph.D	Assistant Professor	Agricultural and Plant Bioinformatics	3	3 (as Supervisor) – Guiding

12. List of distinguished Scientists/ Professors visiting the Department:

Sr. No.	Name	Affiliation	Remarks
1.	Prof. Alok Bhattacharya	School of Life Sciences, Jawaharlal Nehru University, New Delhi	INSA Vice-President
2.	Mr. R Raghu,	Schrodinger Inc., USA	Vice-President Schrodinger Inc., USA
3.	Prof. Samir Bhattacharya	Emeritus Professor, Viswa Bharti University	FNA, FNASc, FASc,
4.	Dr. Georg Graf zu Eulenburg	University of Hamburg, Germany	Member, EMBL
5.	Prof. Koby Levy	Department of Structural Biology, Weizmann Institute of Science, Rehovot, Israel	

13. Percentage of classes taken by temporary faculty:

- The department took the services of temporary faculties from August 2011 till November, 2012.

14. Programme-wise Student Teacher Ratio:

MSc Programme		Ph.D Programme	
Batch	**Student-Teacher Ratio**	**Session**	**Student-Teacher Ratio**
2011-13	---	2011-12	---
2012-14	27:4	2012-13	5:3
2013-15	23:4	2013-14	8:3
2014-16	24:4	2014-15	10:4
2015-17	30:4	2015-16	13:4

Note: For calculating student-teacher ratio, only teachers eligible for supervising Ph.D. students are taken into account

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:**
    - 01 Data Entry Operator (On outsourcing basis)

16. **Research thrust areas as recognized by major funding agencies:**
    - Bioinformatics, Department of Biotechnology (DBT).
    - Bioinformatics, Indian Council for Medical Research (ICMR).
    - Life Sciences, Department of Science and Technology (DST).
    - Microbiology, University Grant Commission.

17. Number of faculty with on-going projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Sr. No.	Title of Research Project	Status	Name of Funding Agency	National /International	Grants Received in lakhs
A. Dr. Yusuf Akhter					
1.	Genome-wide screening of outer membrane proteins in *Mycobacterium avium* subsp. *paratuberculosis* (MAP) K-10: a repertoire of candidate immunogens for translational medicine.	On going	Science and Engineering Research Board, DST, Govt. of India	National	26
2.	A project proposal on targeting novel prokaryotic ubiquitin like post-translational modification pathway for therapeutic interventions against *Mycobacterium tuberculosis*.	On going	UGC	National	17.15
3.	Identification of outer membrane proteins in *Mycobacterium leprae* and subsequent selection and analysis of epitopes to target immunogenic candidate proteins.	Recomm ended for funding	Indian Council of Medical Research, Govt. of India	National	49.28 (budgeting is ongoing)
4.	Understanding the involvement of Staphylococcus aureus Two Component Regulatory System GraRS associated operons in biofilm formation and development	Recomm ended for funding	Department of Biotechnology, Govt. of India	National	65 (proposed)

of antimicrobial resistance: An exploratory study of protein protein interaction for discovering novel antimicrobials. **Co-PI: Dr. Shailender K. Verma**				
B. Dr. Shailender Kumar Verma				
5.	"Genome wide identification of metal binding proteins in bread wheat" **Co-PI: Dr. Yusuf Akhter**	Recomm ended for funding	Department of Biotechnology, Govt. of India	National	25

18. Inter-institutional collaborative projects and associated grants received
    a) National collaboration
       - One project (No. 4 in point no. 17) in collaboration with
    b) International collaboration

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:**
    - No. of projects -- Five (For details, please refer to point no. 17)
    - Total grants -- Rs. 182.43 Lakhs

20. **Research facility / centre with state recognition, national recognition, & international recognition**
    - None.

21. **Special research laboratories sponsored by / created by industry or corporate bodies**
    - Centre has University funded Computational Biology Laboratory that is equipped with 15 high end [Intel® Xeon® CPU EZ-2650 v2 @ 2.60 GHz 2.60 GHz (2 processors), Installed memory: 64.0 GB RAM, 64-bit operating system] workstations and 30 Desktop computers for MSc and PhD students to perform the teaching and research.

22. Total number of Publications by all the faculty members of the department- 37

Sr. N o.	Type of Publications	Published	Accepted	Communicated
1.	Reference Books with ISBN No.	1	--	--
2.	Text Books with ISBN No.	1	--	--
3.	Edited Books with ISBN No.	1	--	--

4.	Research Papers in refereed international journals with ISSN NO.	38	--	04
5.	Research Papers in refereed national journals with ISSN NO.	--	--	--
6.	Papers in other international journals with ISSN NO.	--	--	--
7.	Papers in other national journals with ISSN NO.	--	--	--
8.	Chapters in edited books with ISBN No.	03	--	--
9.	Articles in national magazines/newspapers		--	--
10.	Articles in regional/local magazines/newspapers		--	--
11.	Papers presented in International Seminars / conferences	01	--	--
12.	Papers published in proceedings of international seminars / conference	--	--	--
13.	Papers presented in national seminars/conferences	--	--	--
14.	Papers published in proceedings of national seminars / conference	--	--	--
15.	Monographs	--	--	--
16.	Citation Index *Yusuf Akhter (YA), PolamarasettyAparoy (PA) Vikram Singh (VS) Shailender K. Verma (SKV)*	397 (YA) 377 (PA) 04 (VS) 13 (SKV)	--	--
17.	SNIP	--	--	--
18.	SJR	--	--	--
19.	Impact Factor (range/average): **Thomson Reuters**	2 to 6.7 / 3.5 (YA) 1 to 10 / 3.05 (PA) 3.2 / 3.2 (VS) 1.3 to 2.3 / 1.8 (SKV)	--	--
20.	h-index *(since 2010)*	9 (YA) 11 (PA) 2 (VS) 2 (SKV)	--	--

Publications:

A. Yusuf Akhter

1. Indu Kumari, Mushtaq Ahmed, Yusuf Akhter* (2016)
Deciphering the protein translation inhibition and coping mechanism of trichothecene toxin in resistant fungi
Elsevier
The International Journal of Biochemistry & Cell Biology, DOI: 10.1016/j.biocel.2016.08.002
Thomson Reuter Impact factor= 3.9

2. Dar MS, Singh P, Singh G, Jamwal G, Hussain SS, Rana A, **Akhter Y**, Monga SP, Dar MJ. Terminal regions of β-catenin are critical for regulating its adhesion and transcription functions. Biochim Biophys Acta. 2016 Sep;1863(9):2345-57. doi: 10.1016/j.bbamcr.2016.06.010. (Impact factor: 5.128)

3. Kumari I, Ahmed M, **Akhter Y***. Multifaceted impact of trichothecene metabolites on plant-microbe interactions and human health. Appl Microbiol Biotechnol. 2016 Jul;100(13):5759-71. doi: 10.1007/s00253-016-7599-0. (Impact factor: 3.376)

4. Chaudhary N, Kumari I, Sandhu P, Ahmed M, **Akhter Y***. Proteome scale census of major facilitator superfamily transporters in *Trichoderma reesei* using protein sequence and structure based classification enhanced ranking. Gene. 2016 Jul 1;585(1):166-76. doi: 10.1016/j.gene.2016.03.043. (Impact factor: 2.319)

5. Sandhu P, **Akhter Y*.** The drug binding sites and transport mechanism of the RND pumps from *Mycobacterium tuberculosis*: Insights from molecular dynamics simulations. Arch Biochem Biophys. 2016 Feb 15;592:38-49. doi:10.1016/j.abb.2016.01.007. (Impact factor: 2.807)

6. Das MC, Sandhu P, Gupta P, Rudrapaul P, De UC, Tribedi P, **Akhter Y**, Bhattacharjee S. Attenuation of *Pseudomonas aeruginosa* biofilm formation by Vitexin: A combinatorial study with azithromycin and gentamicin. Sci Rep. 2016 Mar 22;6:23347. doi: 10.1038/srep23347. (Impact factor: 5.228)

7. A multi-subunit based, thermodynamically stable model vaccine using combined immunoinformatics and protein structure based approach.
Aarti Rana and **Yusuf Akhter*,**
Elsevier
Immunobiology DOI: 10.1016/j.imbio.2015.12.004 Impact factor=3.04

2016

8. Sphingosine-1-Phosphate Signaling: unraveling its role as a drug target against infectious diseases. Mohd Arish, AtaharHusein, Mohammad Kashif, Mohammed Saleem, Yusuf Akhter and Abdur Rub.
   Elsevier
   Drug Discovery Today DOI:10.1016/j.drudis.2015.09.013 · Impact factor= 6.69
   2015

9. Structural and mechanistic analysis of engineered trichodiene synthase enzymes from Trichoderma harzianum: towards higher catalytic activities empowering sustainable agriculture,

   InduKumari, Nitika Chaudhary, Padmani Sandhu, Mushtaq Ahmed and **Yusuf Akhter*,**

   Taylor and Francis,

   Journal of Biomolecular Structure and Dynamics, 18:1-14, Impact factor=2.91,

   2015.

10. A tug-of-war between the host and the pathogen generates strategic hotspots for the development of novel therapeutic interventions against infectious diseases.
    Aarti Rana, Mushtaq Ahmed, Abdur Rub and **Yusuf Akhter*,**

    Taylor and Francis

    Virulence, Impact factor= 4.21,

    2015

11. Proteome-scale identification and characterization of mitochondria targeting proteins of *Mycobacterium avium* subspecies *paratuberculosis*: potential virulence factors modulating host mitochondrial function.
    Aarti Rana, Devender Kumar, Abdur Rub and **Yusuf Akhter*.**

    Elsevier
    Mitochondrion, DOI: 10.1016/j.mito.2015.05.005 . Impact factor= 3.24,

    2015

12. Orchestration of membrane receptor signaling by membrane lipids. Mohd Arish, AtaharHusein, Mohammad Kashif, Padmani Sandhu, Seyed E Hasnain, **Yusuf Akhter** and Abdur Rub.

    Elsevier
    Biochimie, DOI: 10.1016/j.biochi.2015.04.005. Impact factor = 2.96,

    2015

13. The internal gene duplication and interrupted coding sequences in the MmpL genes of Mycobacterium tuberculosis: towards understanding the multidrug transport in an evolutionary perspective. Padmani Sandhu and **Yusuf Akhter***.

    Elsevier
    International Journal of Medical Microbiology, DOI: 10.1016/j.ijmm.2015.03.005 (In press). Impact factor = 3.61, 2015

14. Proteome-wide B & T cell epitope repertoire in Outer Membrane Proteins of Mycobacterium avium subsp. paratuberculosis: a holistic approach.Aarti Rana, Abdur Rub and **Yusuf Akhter***Wiley & Sons
    Journal of Molecular Recognition, 28(8):506-20. Impact factor = 2.1,
    2014

15. Proteome-scale identification of outer membrane proteins in *Mycobacterium avium* subspecies *paratuberculosis* using a structure based combined hierarchical approach. Aarti Rana, Abdur Rub and **Yusuf Akhter***,
    Royal Society of Chemistry
    Molecular BioSystems, 10 (9), 2329-2337. Impact factor = 3.2,
    2014

16. Active site conformational changes upon reaction intermediate biotinyl-5'-AMP binding in biotin protein ligase from Mycobacterium tuberculosis.Qingjun Ma, **Yusuf Akhter**, Matthias Wilmanns, Matthias T Ehebauer.
    Wiley & Sons
    Protein Science, 23(7):932-9. Impact factor = 2.9,
    2014

17. Host-lipidome as a potential target of protozoan parasites.Abdur Rub, Mohammed Arish, Syed A Husain, Ahmed N, **Yusuf Akhter**.
    Elsevier
    Microbes Infection. 15(10-11):649-60. Impact factor = 2.9,
    2013.

18. Yusuf Akhter (2013). cAMP Receptor Proteins from Mycobacteria : Potential drug target against tuberculosis. Saarbru□cken, Germany: AV Akademikerverlag GmbH & Co. KG. ISBN 978-3-639-51177-2.

*Corresponding author

B. Vikram Singh

19. Bifurcation in Cell Cycle Dynamics Regulated by p53 (Journal Article)
    MJ Alam, S Kumar, **V Singh** and RKB Singh
    PLoS ONE, 10(6): e0129620
    Impact Factor – 3.2
    2015

20. Systems and Synthetic Biology (Book)
    V Singh and Pawan K Dhar (Eds.)
    Springer-Verlag, Dordrecht, Netherlands, (ISBN 978-94-017-9513-5)
    2015

21. Modelling Methodologies for Systems Biology (Book Chapter)
    V Singh
    in Systems and Synthetic Biology, Eds. **Vikram Singh** and Pawan K Dhar,
    (Springer-Verlag, Dordrecht, Netherlands) pp. 43-62 (ISBN 978-94-017-9513-5)
    2015

22. Switching Mechanism in the p53 Regulatory Network (Book Chapter)
    MJ Alam, **V Singh** and RKB Singh
    in Systems and Synthetic Biology, Eds. Vikram Singh and Pawan K Dhar, (Springer-
    Verlag, Dordrecht, Netherlands) pp. 195-216 (ISBN 978-94-017-9513-5)
    2015

23. Introduction to Complex Biological Networks (Book Chapter)
    V Singh and **V Singh**
    in Biotechnology (vol. 4): Applied Synthetic Biology, Eds. Vijai Singh and JN Govil,
    (Studium Press LLC, Houston, 2014, ISBN (1-62699-019-0) pp. 43-88.
    2014

C. Polamarashetty Aparoy

24. Insights into the structure activity relationship of mPGES-1 inhibitors: Hints for better
    inhibitor design.
    A Gupta, P Aparoy
    International journal of biological macromolecules 88, 624-632
    Impact factor: 3.138
    2016

25. Deciphering the mechanism behind the varied binding activities of COXIBs through
    Molecular Dynamic Simulations, MM-PBSA binding energy calculations and per-residue
    energy decomposition studies

N Chaudhary, P Aparoy

Journal of Biomolecular Structure and Dynamics, 2016, In press

Impact factor: 2.3

2016

26. The Augmenting Effects of Desolvation and Conformational Energy Terms on the Predictions of Docking Programs against mPGES-1.
Gupta A, Chaudhary N, Kakularam KR, Pallu R, Polamarasetty A.
PLoS publishers, PLoS One, 25; 10(8):e0134472.
Impact factor: 3.234
2015

27. Understanding the Dual Inhibition of COX-2 and Carbonic Anhydrase-II by Celecoxib and CG100649 Using Density Functional Theory Calculations and other Molecular Modelling Approaches.
Singh O, Kakularam KR, Reddanna P, Aparoy P.
Bentham publishers, Protein Pept Lett., 22(10): 903-12.
Impact factor: 1.068
2015

28. Exploration of binding site pattern in arachidonic acid metabolizing enzymes, Cyclooxygenases and Lipoxygenases.
Reddy KK, VidyaRajan VK, Gupta A, Aparoy P, Reddanna P.
BioMed Central publishers, BMC Research Notes, 16; 8: 152.
2015

29. Evolutionary aspects of lipoxygenases and genetic diversity of human leukotriene signaling. Horn T, Adel S, Schumann R, Sur S, Kakularam KR, Polamarasetty A, Redanna P, Kuhn H, Heydeck D.
Elsevier publishers, Prog Lipid Res, 57: 13-39.
Impact factor: 10.015
2015

30. Graphlet signature-based scoring method to estimate protein-ligand binding affinity.
Singh O, Sawariya K, Aparoy P.
Royal Society publishers, Royal Society Open Science. 1(4): 140306
2014

31. Functional interpretation of a non-gut hemocoelic tissue aminopeptidase N (APN) in a lepidopteran insect pest Achaea janata.
Ningshen TJ, Aparoy P, Ventaku VR, Dutta-Gupta A.
PLoS publishers, PLoS One. 14;8(11): e79468.
Impact factor: 3.234

2013

32. Free Energy Calculations to Estimate Ligand-Binding Affinities in Structure-Based Drug Design. Reddy MR, Reddy CR, Rathore RS, Erion MD, Aparoy P, Reddy RN, Reddanna P.
    Bentham publishers, Current Pharmaceutical Design. 20(20): 3323-37.
    Impact factor: 3.452
    2013

33. Discovery and biological evaluation of novel 1,4-benzoquinone and related resorcinol derivatives that inhibit 5-lipoxygenase.
    Filosa R, Peduto A*, Aparoy P*, Schaible AM, Luderer S, Krauth V, Petronzi C, Massa A, de Rosa M, Reddanna P, Werz O.
    Elsevier publishers, European Journal of Medicinal Chemistry, 67: 269-79
    Impact factor: 3.447
    2013

D. Shailender Kumar Verma

34. Characterization of interspecific hybrids of *Triticum aestivum* x *Aegilops* sp. without 5B chromosome for induced homoeologous pairing.
    Sheikh I., Sharma P., **Verma S.K**., Kumar S., Malik S., Mathpal P., Kumar U., Singh D., Kumar S., Chugh V., Dhaliwal H.S.
    Journal of Plant Biochemistry and Biotechnology, Springer. DOI:10.1007/s13562-015-0307-9 (Impact factor: 1.352).

35. Transfer of useful variability of high grain iron and zinc from *Aegilops kotschyi* into wheat through seed irradiation approach
    Verma S.K*., Kumar S., Sheikh I., Malik S., Mathpal P., Chugh V., Kumar S., Prasad R., Dhaliwal H.S.
    International Journal of Radiation Biology, Taylor and Francis. DOI: 10.3109/09553002.2016.1135263 (Impact factor: 1.779).
    2016

36. Transferability and Polymorphism between group 7 chromosome specific SSR Markers of Bread Wheat and its Related Non progenitor *Aegilops* Species
    Kumar S., **Verma S.K**., Kundu P., Awasthi A., Sheikh I., Sangwan K., Prasad R., Dhaliwal H.S.
    Journal of Crop Improvement, Taylor and Francis. 10.1080/15427528.2016.1174179.
    2016

37. Induced Homoeologous Pairing for Transfer of Useful Variability for High Grain Fe and Zn from *Aegilops kotschyi* into Wheat.

Verma S.K.*, Kumar S., Sheikh I., Sharma P., Mathpal P., Malik S., Kundu P., Awasthi A., Kumar S., Prasad R., Dhaliwal H.S.
Plant Molecular Biology Reporter, Springer. DOI 10.1007/s11105-016-0989-8 (Impact factor: 2.304).
2016

38. Characterization of interspecific hybrids of Triticum aestivum x Aegilops sp. without 5B chromosome for induced homoeologous pairing.
Sheikh I., Sharma P., Verma S.K., Kumar S., Malik S., Mathpal P., Kumar U., Singh D., Kumar S., Chugh V., Dhaliwal H.S.
Journal of Plant Biochemistry and Biotechnology, Springer. DOI:10.1007/s13562-015-0307- 9 (Impact factor: 1.094)
2015

23. **Details of patents and income generated**

Sr. No.	Title of Patent	Year	Income generated if any	
1	None	--	--	--

24. **Areas of consultancy and income generated**
   - NIL

25. **Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad**

Sr. No.	Name of Consultancy/Name of Faculty	Funds generated	Name of Funding Agency	National /International	Grants Received
1.	**Dr. P. Aparoy** Selected for Raman Postdoctoral fellowship in USA 2016		UGC	International	--
2.	**Dr. P. Aparoy** Selected for SERB Indo-US postdoctoral fellowship program 2016		Science and Engineering Research Board (SERB) and Indo-US Science and Technology Forum (IUSSTF)	International	

26. **Faculty serving in National committees b) International committees c) Editorial**

Boards d) any other (please specify):

Sr. No.	Name of Service	National Committee	International Committee	Editorial Board	Any other
1.	Dr. YusufAkhter: Editorial Board		International	BMC Microbiology published by BioMed Central, UK	ISSN: 1471-2180.
2.	Dr. YusufAkhter: Editorial Board		International	Cogent Biology published by Taylor & Francis, UK	ISSN: 2331-2025
3.	Dr. YusufAkhter: Editorial Board		International	Archives of Microbiology published by Springer, Germany	ISSN: 0302-8933
4.	Dr. YusufAkhter: Editorial Board		International	Protein and Peptide Letters published by Bentham Science Publishers, United Arab Emirates	ISSN: 0929-8665
5.	Dr. YusufAkhter: Editorial Board		International	Frontiers in Microbiology published by Frontiers Media, Lausanne, Switzerland	ISSN: 1664-302X
6.	Dr. YusufAkhter: Editorial Board		International	Frontiers in Public Health published by Frontiers Media, Lausanne, Switzerland	ISSN: 2296-2565
7.	Dr. YusufAkhter: Editorial Board		International	Frontiers in Medicine published by Frontiers Media, Lausanne, Switzerland	ISSN: 2296-858X
8.	Dr. YusufAkhter: Editorial Board		International	Dataset papers in Science (Biophysics section) published by Hindawi, Egypt	ISSN: 2314-8497

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

[A] Orientation/ Refresher Programmes Attended by Faculty Members during last four years:

Sr. No.	Title of the Program	Organising Institution	Date/ Year	No. of weeks	Grade
1.	**Dr. Yusuf Akhter** UGC-Sponsored Orientation Course	UGC-Academic staff College, University of Lucknow	01-01-2015 to 29-01-, 2015	4	A
2.	**Dr. P. Aparoy** UGC-Sponsored Orientation Course	UGC-Academic staff College, Andhra University	24-11-2014 to 21-12-2014	4	A
3.	**Dr. Shailender K. Verma** 94th Orientation Program	Academic Staff College, Jawaharlal Nehru University, New Delhi	23-02-15 to 20-3-15	4	A
4.	**Dr.Vikram Singh** UGC-Sponsored Orientation Course	Academic Staff College, Jawaharlal Nehru University, New Delhi	05-10-2015 to 30-10-2015	4	A
5.	**Dr. P. Aparoy** UGC-Sponsored Refresher Course	UGC-Academic staff College, University of Hyderabad	13-11-2015 to 03-12-2015	4	A
6.	**Dr. Yusuf Akhter** UGC-Sponsored Refresher Course	Academic Staff College, Jawaharlal Nehru University, New Delhi	08-02-2016 to 04-03-2016	4	A

[B] **Seminars & Conferences Attended by Faculty Members during last four years:**

Sr. No.	Title of the Seminars/ Conferences/ workshop & faculty attended	National/ International	Organising Institution	Date/ Year	No. of Days	Sponsoring agency
7.	**Dr. Yusuf Akhter** Young Investigator's meet-2015	National	India Bio Science	28 March, to 1 April, 2015	4	India Bio Science, DBT, DST
8.	**Dr.Vikram Singh** Mathematical Modelling and Data Analysis in Biology	National	IIT, Mandi	27th – 29th October 2014	3	DST, India
9.	**Dr.Vikram Singh**	International	HRMV, Jalandhar,	7th – 8th	2	DBT, India

	Future and Challenges of Computational and Integrative Sciences			November 2014.		
10.	**Dr.Vikram Singh** Indo-US Conference on Synthetic and Systems Biology	International	JNU, New Delhi	9th – 12th November 2014	4	DBT, India and NSF, USA
11.	**Dr.Vikram Singh** Multilevel modelling of Biological Systems	National	JNU, New Delhi	14th March 2015	1	JNU
12.	**Dr.Vikram Singh** Computational Biology: Back to the Future	National	JNU, New Delhi	26th – 27th July 2015	2	DBT, New Delhi
13.	**Dr.Vikram Singh** Symposium on Computational Systems Biology	National	JUIT, Waknaghat	18th -20th March, 2016	3	DST, DBT, India
14.	**Dr. P. Aparoy** 16th ADNAT convention: Conference on Animal Genetics and Genomics	International	NIAB, ADNAT	16th-19th December 2012	4	ADNAT
15.	**Dr. P. Aparoy** Young Investigator's meet-2014	National	India Bio Science	9Feb, to 13Feb, 2014	4	India Bio Science, DBT, DST

[C] **Workshops attended by Faculty Members during last four years:**

Sr. No.	Title of the Seminars/ Conferences/ workshop & faculty attended	National/ International	Organising Institution	Date/ Year	No. of Days	Sponsoring agency
16. .	**Dr.Vikram Singh** Analytical Aspects of Dynamics	National	CUHP, Dharamshala	11th – 17th November 2014	8	CUHP
17.	**Dr. Vikram Singh** Genomics, Proteomics and Systems Biology	National	SMVDU, Jammu	10th -11th March 2016	02	DBT
18.	**Dr. Vikram SIngh** Synthetic Biology workshop	National	JNU, New Delhi	28th March 2016	01	DBT

28. **Student projects:**

- **Percentage of students who have done in-house projects including inter-departmental projects: (100%)**

Sr. No.	Name of Faculty	No. of Students in In-house Projects
1.	Dr. Yusuf Akhter	16
2.	Dr.Vikram Singh	17
3.	Dr.Polamarasetty Aparoy	16
4.	Dr.Shailender K. Verma	17

- **Other universities/institutes where students have done projects:**

Sr. No.	Name of the University/ Institute
1.	Delhi University, Delhi
2.	Jawaharlal Nehru University, New Delhi
3.	University of Hyderabad, Hyderabad
4.	Jamia Millia Islamia, New Delhi
5.	IHBT, Palampur
6.	NIPGER, New Delhi
7.	CR Rao Institute of Mathematics Statistics and Computer Science, Hyderabad

- ## Membership of Academic and Professional Bodies held by Faculty Members

Sr. No.	Name of the Faculty	Name of Body	National/ International	Role if any	Editorial Board
1.	**Dr. Yusuf Akhter**	1. BMC Microbiology published by BioMed Central, UK	International	Associate Editor	Yes
		2. Cogent Biology published by Taylor & Francis, UK	International	Editor	Yes
		3. Archives of Microbiology published by Springer, Germany	International	Editor	Yes
		4. Protein and Peptide Letters published by Bentham Science Publishers, United Arab Emirates	International	Editor	Yes
		5. Frontiers in Microbiology published by Frontiers Media Lausanne, Switzerland	International	Editor	Yes
		6. Frontiers in Public Health published by Frontiers Media, Lausanne, Switzerland	International	Editor	Yes
		7. Frontiers in Medicine published by Frontiers Media, Lausanne, Switzerland	International	Editor	Yes
		8. Society for Biological Chemists, India	National	Life Member	

2.	**Dr. Vikram Singh**	9. Indian Science Congress	National	Life Member	---
		10. National Network of Mathematical and Computational Biology	National	Member	
4.	**Dr. Shailender K. Verma**	11. Indian Science Congress Association	National	Life Member	
		12. Society for Biological Chemists, India	National	Life Member	

29. Awards / recognitions received at the national and international level by

- **Faculty:**

Sr. No.	Name of Award	National/ International	Award Agency	Date/Year/ venue	Remarks
1.	**Dr. Yusuf Akhter** Selected as Young Investigator, (one of the 40 candidates selected from All over India) in Young Investigator's meet-2014 and 2015 organized by IndiaBioScience, India.	2014 and 2015	India BioSciences, EMBO, DST and DBT	Held on 9th Feb, 2014 to 13thFeb, 2014atRamoji Film City, Hyderabad, India & Held on 28th March, 2015 to 1st April, 2015 at Gulmarg, Srinagar, India.	--
2.	**Dr. P. Aparoy** Selected as Young Investigator, (one of the 40 candidates selected from All over India) in Young Investigator's meet-2014 organized by IndiaBioScience, India.	2014	IndiaBioSciences, EMBO, DST and DBT	Held on 9th Feb, 2014 to 13th Feb, 2014 at Ramoji Film City, Hyderabad, India	
3.	**Dr. P. Aparoy** Selected for Raman	2016	UGC		

	Postdoctoral fellowship in USA				
4.	**Dr. P. Aparoy** Selected for SERB Indo-US postdoctoral fellowship program	2016	Science and Engineering Research Board (SERB) and Indo-US Science and Technology Forum (IUSSTF)		

- **Doctoral / post-doctoral fellows:**

Sr. No.	Name of Award	National/ International	Award Agency	Date/Year/ venue	Remarks
1.	**Ms. Aarti Rana** Senior Research Fellowship	National	Indian Council of Medical Research (Govt. of india)	2015-2018	--
2.	**Mr. Ashish Gupta** Senior Research Fellowship	National	Indian Council of Medical Research (Govt. of india)	2015-2018	--
3	**Mr. Omkar Singh** Rajiv Gandhi National Fellowship	National	University Grant Commission	2014-2017	--
4	**Ms. Padmani Sandhu** Senior Research Fellowship	National	Indian Council of Medical Research (Govt. of india)	2016-2019	--

- Students
  - None

30. Seminars/Conferences/Workshops organized and the source of funding (national/International) with details of outstanding participants, if any

Sr. No	Title of the Seminars/ Conferences/ workshop	National/ International	Date/Year	No. of Days	Sponsoring agency
1.	**Dr. P. Aparoy** ADNAT-2012, workshop on "Genomics and Beyond" at NIAB, Hyderabad. Member organizing committee	International	06th – 17th December 2012	11	ADNAT
2.	**Dr. Vikram Singh** Indo-US Conference on Synthetic and Systems Biology at JNU, New Delhi. Member organizing committee	International	9th – 12th November 2014	4	DBT, India and NSF, USA
3.	**Dr. Shailender K. Verma** Workshop on "New Technologies with industry in Life Sciences and Environmental Sciences - Proteomics technologies" at CUHP, Dharamshala. Member organizing committee	National	15.05.2015	1	GE Health care

31. Code of ethics for research followed by the departments:

- The Centre constitutes a Research Progress Monitoring Committee for every PhD student to monitor his/her research progress.
- Every member of the Centre including faculty, Research students as well as MSc project students are follows the basic code of ethics in research viz. honesty, responsibility, respect for IPR, respect for colleagues, as well as zero discrimination on the basis of sex, race, language, ethnicity, caste, religion etc.
- Thesis of PhD students and dissertation of MSc students are strictly evaluated using Plagiarism checkers.
- University has Department of Biotechnology (DBT), Govt. of India approved Institutional Biosafety Committee (IBSC) (No. BT/BS/17/639/2015-PID dated 30.10.2015) to regulate and adopt the "Recombinant DNA safety Guidelines" in

accordance with Ministry of Environment and Forest vide Gazette notification No. GSR 1037 (E) dated 05.12.1989. The composition of the IBSC is as follows-

Chairman	**Dr. Mushtaq Ahmed,** Associate Professor, School of Earth and Environmental Sciences, CUHP, Kangra, H.P.
DBT Nominee	**Prof. T.R. Sharma,** Professor & Head, Deptt. Of Agricultural Biotechnology, CSK Himachal Pradesh Agricultural University, Palampur, Kangra, H.P.
Member Secretary	**Dr. Shailender Kumar Verma,** Assistant Professor, Centre for Computational Biology and Bioinformatics, School of Life Sciences, CUHP, Kangra, H.P.
Outside Experts	**Dr. Yelam Srinavasulu**, Senior Scientist, Division of Biotechnology, CSIR-IHBT, Palampur, H.P.
Biosafety Officer	**Dr. Rita Pathania** (Retd.), Prof.& Head, Deptt. Of Pathology, Dr.Rajendra Prasad Government Medical College, Tanda, Kangra, H.P.
Internal Members	**Dr. Yusuf Akhter,** Assistant Professor, Centre for Computational Biology and Bioinformatics, School of Life Sciences, CUHP, Kangra, H.P.,
	Dr.Subhankar Chatterjee, Assistant Professor, School of Earth and Environmental Sciences, CUHP, Kangra, H.P.

32. Student profile programme-wise:

Name of the Programme	Year	Number of Seats	Application Received	Selected		Pass Percentage	
				Male	Female	Male	Female
MSc	2011-13	30	157	08	22	88	82
	2012-14	30	153	08	19	88	100
	2013-15	30	171	11	12	82	67
	2014-16	30	177	05	16	--	--
	2015-17	30	241	02	28	--	--
Ph.D.	2011	10	239	02	03	--	--
	2012	--	--	--	--	--	--
	2013	03	81	01	02	--	--
	2014	04	125	03	01	--	--
	2015	05	82	05* (4+ 1 supernumerary J &K seat)	01	--	--

33. **Diversity of students:**

Name of the Programme	% of students from the same University	% of students from universities within the state	% of students from Universities outside the State	% of Students from Other Countries	Total Number of Students Passed Out
M.Sc.	None	91%	9%	None	68 (Till July 2015)
Ph.D.	23%	70%	30%	None	None

34. **How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Type of Examinations	Total number of Students Qualified
Civil Services	-
JRF	02
NET	04
SET	01
Other Competitive Examinations	-

35. **Student progression:**

Student Progression	Percentage against enrolled
UG to PG	
PG to M.Phil	Approximately 10% students are in M.Phil./PhD. Programs
PG to Ph.D	
Ph.D. to Post-Doctoral	
Employed • Campus Selection • Other than Campus Selection	
Entrepreneurs	

36. Diversity of staff
- **Total Number of Faculty = 4**

Faculty who are graduates	In numbers	In percentages
Of the same university	00	-
From other universities within the state	00	-
From universities from other states	04	100%
From universities outside the country	00	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

- **Dr. Shailender K. Verma** has been awarded with a PhD from Indian Institute of Technology-Roorkee.

38. Present details of departmental infrastructural facilities with regard to
- Library
  - ➢ Text books and research books of the department are available with the Library of CUHP
- Internet facilities for staff and students
  - ➢ All the faculty members and students are provided with internet facilities with 24 x7 LAN and WI-FI connectivity.
- Total number of class rooms
  - ➢ One Class Room cum Computational Biology Laboratory (CR-112) is allotted to the department.

39. List of doctoral, post-doctoral students and Research Associates
- **From the host institution/university:**

Type of Students	Name	Admission Year	Remarks
	Neha Choudhary	2014	
	Vikram Singh	2015	
	Dixit Sharma	2015	
Post-doctoral Students	Nil		
Research Associates	Nil		

- **From other institutions/universities:**

Type of Students	Name	Admission Year	Remarks
Doctoral Students	Aarti Rana	2012	PhD thesis submitted
	Padmani Sandhu	2012	
	Omkar Singh	2012	

	Ashish Gupta	2012	
	Gagandeep Singh	2012	
	Munawwar Karim	2013	
	Neha Chaudhary	2013	
	Ankita Sharma	2014	
	Reenu Chaudhary	2015	
	Sanjay Kumar	2015	
Post-doctoral Students	Nil		
Research Associates	Nil		

40. **Number of post graduate students getting financial assistance from the university.**

Academic Year	Type of financial assistance from the university	Total Number of Students who availed this assistance
2011-12	Free ship/Fellowship	NIL
2012-13	Free ship/Fellowship	10
2013-14	Free ship/Fellowship	10
2014-15	Free ship/Fellowship	08
2015-16	Free ship/Fellowship	10

Note: Free ship/Fellowship is the financial reimbursement of the fees paid by the student in an academic year. Full means full fee that the student pays is reimbursed. Half means half of the total fees in an academic year is reimbursed.

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**
    - The department started its M.Sc. and Ph.D programme from 2011-12
    - Both the programmes were started in consonance with vision of the University
    - Fulfilling the National needs and following the National educational policy were other criteria
    - While starting the programme, UGC guidelines were followed and made sure that department follows the above points in all future times to come

42. **Does the department obtain feedback from**
    1. **Faculty on curriculum as well as teaching-learning-evaluation?**
       Yes
       - **If yes, how does the department utilize the feedback?**
       As each faculty member designs his own syllabus of a course, feedback from faculty members on curriculum as well as teaching-learning-evaluation is not collected. However, the syllabus of every paper is put before the board of studies every six months, consisting of subject experts, for approval.

    2. **Students on staff, curriculum and teaching-learning-evaluation?**

Yes

- **How does the department utilize the feedback?**

The Controller of Examinations (COE), CUHP collects feedback course paper wise from students at the time of End-Term examinations. The students are asked give scores on different parameters related to the teacher's performance in that course. These feedbacks are then used to give a composite score to each teacher on each course that is taught by him/her.

3. **Alumni and employers on the programmes offered and how does the department utilize the feedback?**
   - Yes
   - The University organized its first alumni meet on October 4, 2015. At this platform, the department took the feedback, from its alumni, on the structure and contents of the courses, faculties and suggestions for further improvement. The feedback forms were circulated among the department faculties for consideration. These feedbacks would now be analysed to implement in the further improvement of the department.

43. **List the distinguished alumni of the department (maximum 10)**
    - The University is quite new and still in formative stage, only three batches of MSc students have completed their study of program. It will take some time for them to grow in their career path. However in the following list, early career achievements of some of our students are mentioned.

Sr. No.	Name of the Student	Remarks
1.	Girija Kaushal	DST-INSPIRE fellowship
2.	Bhanu Sharma	DST-INSPIRE fellowship
3.	Vikram Singh	PhD in CUHP
4.	Dixit Sharma	PhD in CUHP
5.	Neha Choudhary	PhD in CUHP
6.	Ravi Saroch	Project fellow in IGIB
7.	Abhishek	Bank P.O.
8.	Pradeep Banyal	Medical Officer

44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:**

Details of student enrichment programmes:

S. No.	Year	Type of Programme	Details of the Programme	Name of the External Expert	Remarks
1.	2013	Invited Talk	Title: Packing DNA in cell Date: 08.02.2013	Prof. Alok Bhattacharya, School of Life Sciences,	

				Jawaharlal Nehru University, New Delhi	
2.	2013	Invited Talk	Title: Genomics Approach To Drug Development Date: 23.09.2013	Prof. Indira Ghosh, Dean, School of Computational &Integrative Sciences, Jawaharlal Nehru University, New Delhi	
3.	2013	Invited Talk	Title: Structural Bioinformatics Approach For Deciphering Protein Interaction Networks". Date: 23.09.2013	Dr. Debasis Mohanty, Senior Scientist, National Institute of Immunology, New Delhi	
4.	2013	Interaction session	Title: Creativity in Education Date: 11.12.2013	Prof. Samir Bhattacharya, Viswa Bharti University, Santiniketan, West Bengal	
5.	2014	Invited Talk	Title: Molecular basis of *Yesrsinia spp.* pathogenesis Date: 05.10.2014	Dr. Georg Graf zuEulenburg, European Molecular Biology Laboratory & University of Hamburg (Germany)	
6.	2014	Invited Talk	Title: Atomic resolution crystal structure of Glutaredoxin 1 from *Plasmodium falciparum* and comparison with other glutaredoxins. Date: 13.06.2014	Dr. Amit Sharma, Senior Scientist and Group Leader, International Centre for Genetic Engineering and Biotechnology, New Delhi	
7.	2014	Interaction session	Discussed various topics of Synthetic Biology 16.12.2014	Prof. Pawan K. Dhar, Department of Life Sciences, Noida, Uttar Pradesh	
8.	2015	Interactive session	Covered various general immunology topics 11.05.2015	Prof. Javed Naim Agrewala, Chief Scientist and CSIR Academy Professor, CSIR-Institute of Microbial Technology	
9.	2015	Invited Talk	Title: DNA liesion bypass	Dr. Rajan Vyas,	

			by X- and Y-family DNA Polymerases. Date: 08.05.2015	Research Scientist at Department of Physiology and Biophysics, School of Medicine, Case Westeren University, Cleveland, Ohio, USA	
10.	2015	Invited Talk	General presentation on Schrodinger tools for drug discovery and Bioinformatics	Mr. R Raghu, Vice-President, Schrodinger Inc., USA	
11.	2015	Invited Talk	Title: Cancer an Opportunistic Killer/Therapeutic Target. Date: 01.12.2015	Dr. Raj Kumar, Research Scientist, Harvard Medical School, Boston, USA	
12.	2016	Invited Talk	Title: Protein-DNA interactions: Fine balance between high affinity and fast kinetics Date: 18.04.2016	Prof. Koby Levy, Department of Structural Biology, Weizmann Institute of Science, Rehovot, Israel	
13.	2016	Invited Talk	Discussion on "Development of scientific evidences for Indian system of traditional medicine" Date: 12.05.2016	Prof. N. Mandal, Bose Institute, Kolkata	

45. List the teaching methods adopted by the faculty for different programmes.
- Chalk and Blackboard
- Whiteboard
- Giving lectures using power point projector
- By taking students to fields and assigning them field work
- Laboratory Exercises
- By taking students to the library and giving them assignments inside the library
- Faculty takes help from MOOCs and other online lectures to prepare the lecture notes and to enrich the teaching materials.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- By conducting class tests
- By conducting surprise class tests
- By conducting quizzes
- By conducting group discussions

- By conducting general discussions on current environmental issues
- By asking students to give assignments on syllabus topics
- By taking presentation of students on different topics
- By asking research scholars to present their progress of research work once in each semester

47. **Highlight the participation of students and faculty in extension activities.**
    - Students are actively involved in different activities of various clubs working in the University, e.g. Village Adoption Scheme, Swachh Bharat Abhiyan, Yogdhara club, Book Reading club.
    - Students also take part in quiz, debate, poster presentation and other such competitions organized by various schools on the occasions of Science Day, Earth Day, Unity Day among others.

48. **Give details of "beyond syllabus scholarly activities" of the department:**

Along with the above described visiting lectures and interactive sessions held time to time from eminent scientists in the field Centre for Computational Biology and Bioinformatics have also initiated together with Department of Environmental Sciences a Biosciences Study Circle (BSC). BSC was aimed to carry out interactions and deliberations on the current research being carried out at here in the frontier areas of Biological Sciences in context with national and global perspective. These deliberations included the research subject related event for the guidance, advisement and career counselling of PhD and MSc students. Followings are the members of the duly constituted BSC *vide*File No. LS/1-12/BJC/CUHP/15/62-68

Convenor	Dr. Yusuf Akhter, Assistant Professor, Centre for Computational Biology and Bioinformatics, School of Life Sciences, CUHP, Kangra, H.P.,
Co-convenor	Dr.Mustaq Ahmed, Associate Professor, School of Earth and Environmental Sciences, CUHP, Kangra, H.P.
Member	Dr.Subhankar Chatterjee, Assistant Professor, School of Earth and Environmental Sciences, CUHP, Kangra, H.P.,
Member	Dr.Shailender Kumar Verma, Assistant Professor, Centre for Computational Biology and Bioinformatics, School of Life Sciences, CUHP, Kangra, H.P.
Members	All RD scholars of Centre for Computational Biology and Bioinformatics & Department of Environmental Sciences working in the fields related to Biological Sciences

Following are the record of the BSC meeting presentations given by Faculty members and PhD students during the assessment period:

Sr. No.	Name of Speaker	Title of Presentation	Date
1	Nitika Chaudhary	Biocontrol genes involved in trichodermin biosynthetic pathway from Trichoderma spp. : A Review	27-08-2014
2	Aarti Rana	*In silico* identification of epitopes in *Mycobacterium avium* subsp. *paratuberculosis* proteins that were upregulated under stress conditions	03-09-2014
3	Nitika Chaudhary	Structural analysis of enzymes involved in trichodermin biosynthetic pathway in Trichoderma spp.	10-09-2014
4	Indukumari	Computational and molecular characterization of enzymes involved in the Trichodermin biosynthetic pathway from *Trichoderma* spp. (Molecular dunamics study of native and modelled protein strutures)	17-09-2014
5	Madhulika Kushwaha	Bioremediation of Organophosphate pesticides	24-09-2014
6	Padmani Sandhu	Prediction of Metal Ion-Binding Site in Proteins Using the Fragment Transformation Method	10-09-2014
7	Dr. Yusuf Akhter	Molecular and Structural studies on cAMP proteins from mycobacteria	15-10-2014
8	Dr.Subhankar Chatterjee	Standadization of LC method for metabolic profiling	20-10-2014
9	Dr.Mushtaq Ahmed	Increasing tomato crop yields on application of bio-control agent *Trichoderma* spp.	29-10-2014
10	Dr.Shailender K. Verma	Biofortification of wheat: Conventional approaches to modern biotechniques	30-10-2014
11	Indu Kumari	Impact of global warming and climate change on soil fertility and its management through potential soil microbes	05-11-2014
12	Padmani Sandhu	Antimicrobial peptides – How do they work	05-11-2014
13	Nitika Chaudhary	Structure and mechanism of the Glycerol-3-phosphate transporter from E.coli.	12-11-2014
14	Aarti Rana	*In silico* identification of epitopes in Mycobacterium avium subsp. *paratuberculosis* from previously identified OMP	19-11-2014
15	Madhulika	Role of Nanoparticles in Remediation of	19-11-2014

	Kushwaha	organophosphate pesticides	
16	Munawwar Karim	*In silico* identification of secretory and cell surface associated proteins of *Leishmaniadonovani*	26-11-2014
17	Shikha Sharma	Over expression of trichodiene synthase gene tri5 increases trichodermin production and antimicrobial activity in *Trichoderma brevicompactum*	26-11-2014
18	Dr. Yusuf Akhter	Getting published in Biomedical Research: 101 ways to get really frustrated...	03-12-2014
19	Indu Kumari	Computational and molecular characterization of enzymes involved in the Trichodermin biosynthetic pathway from *Trichoderma* spp. (Molecular dunamics study of native and modelled protein-ligand complex strutures)	07-01-2015
20	Nitika Chaudhary	Prediction and analysis of transport channel in Tri12 transporter	28-01-2015
21	Indu Kumari	Computational and molecular characterization of enzymes involved in the Trichodermin biosynthetic pathway from *Trichoderma* spp. (Molecular dunamics study, binding pocket volume and binding energies calculations)	04-02-2015
22	Padmani Sandhu	Studies of conformational changes in MmpL5 protein in presence and absence of Ligands using molecular dynamics simulation	11-02-2015
23	Aarti Rana	Mitochondria targeting proteins in MAP	18-02-2015
24	Madhulika Kushwaha	Bioinformatic analysis of Cyanide degradation by bacterial isolates	25-02-2015
25	Dr. Yusuf Akhter	Deciphering the Pup code on its substrates	04-03-2015
26	Padmani Sandhu	MmpL5 proteins as an efflux protein in M. tuberculosis	25-03-2015
27	Dr.Mushtaq Ahmed	Quorum sensing in microbes-I	08-04-2015
28	Dr. Yusuf Akhter	Transforming *E.Coli*into molecular factories producing Pup-tagged substrates	08-04-2015
29	Aarti Rana	Multiepitope Subunit Vaccine against *Mycobacterium avium*subsp. *paratuberculosis*	22-04-2015
30	Dr.ShailendeR K. Verma	Transfer of genes through Mono5B approach	22-04-2015
31	Dr.Subhankar Chatterjee	Metabolomics and seconary metabolic profiling of fungal-fungal interactions	29-04-2015
32	Munawwar Karim	Prediction of Lipoproteins in Prokaryotes and Eukaryotes	29-04-2015

33	Dr. Yusuf Akhter	Transforming *E.Coli* into molecular factories II	06-05-2015
34	Dr.Mushtaq Ahmed	Quorum sensing in microbes-II	13-05-2015
35	Indukumari	Phylogenetic analysis of trichodiene synthase protein in different taxa of organisms	13-05-2015
36	Dr.Shailender K. Verma	Tranferability and polymorphism in between group 7 chromosomes specific SSR markers of hexaploid bread what and its wil non-progenitors	20-05-2015
37	Padmani Sandhu	Proton translocation in membrane transporters (Anti-porters)	20-05-2015
38	Madhulika Kushwaha	Cyanide degradation: Experiments being planned	27-05-2015
39	Dr. Yusuf Akhter	Classifying the enzymes	03-06-2015
40	Indu Kumari	How does trichodermin affect pathogenic fungi?	10-06-2015
41	Navneet Kaur	Metabolic and trophic interactions modulate methane production by Arctic peat microbiota in response to warming	10-06-2015
42	Nitika Chaudhary	Molecular evolution of Tri12 transporter in Trichoderma spp.	17-06-2015
43	Dr.Shailender K. Verma	Proteome wide identification of iron binding proteins in *Triticumaestivum*	17-06-2015
44	Ankita Sharma	Mechanism of metal tranport in plant	24-06-2015
45	Dr.Mushtaq Ahmed	Quorum sensing in microbes-III	01-07-2015
46	Geetika Bakshi	Differential expression of structural genes for the late phase of phytic acid biosynthesis in developing seeds of wheat (Triticumaestivum L.)	01-07-2015
47	Aarti Rana	Computer aided design of Subunit Vaccines	08-07-2015
48	Munawwar Karim	Killing two birds with one stone: Targeting fatty acid biosynthesis pathway(s) of P. falciparum and L. donovani	08-07-2015
49	Padmani Sandhu	*In silico* identification of ofAMPylating enzymes and study of their divergent evolution.	15-07-2015
50	Nitika Chaudhary	Proteome wide identification of MFS Transporters in *Trichoderma reesei*.	22-07-2015
51	Shikha Sharma	Quorum sensing proteins in *Trichoderma*.	22-07-2015
52	Indu Kumari	Complex interactions among the bio-control agent (*Trichoderma* spp.), the secondary metabolites and the host plant	29-07-2015
53	Shaliniverma	Profenophos insecticide degradation by novel microbial consortium and isolates enriched from	29-07-2015

		contaminated chili farm soil	
54	Navneet Kaur	Cryotolerance strategies of Pseudomonads isolated from the rhizosphere of Himalayan plants	04-08-2015
55	Aarti Rana	Yet to be discovered members of Deubiquitylases (DUBs) family	12-08-2015
56	Dr. Yusuf Akhter	The nisin–lipid II complex reveals a pyrophosphate cage that provides a blueprint for novel antibiotics	12-08-2015
57	Munawwar Karim	Structural Genomics for Drug Design against the Pathogen *Coxiellaburnetii*	8-18-2015
58	Ankita Sharma	Proteome wide identification of metal ion (Manganese) binding proteins in *Triticumaestivum*	8-18-2015
59	Padmani Sandhu	Effect of antimicrobial peptide Nisin on the local membrane properties	25-08-15
60	Gitika Bakshi	Characterization, optimization, and scale-up of cellulases production by Trichoderma reeseicbs 836.91 in solid-state fermentation using agro-industrial products	25-08-15
61	Shikha Sharma	Molecular insights into Quorum Sensing in the Human Pathogen *Pseudomonas aeruginosa* from the structure of virulence regulator LasR bound to its autoinducer	09-01-2015
62	Indu Kumari	Study of the three-way interaction between *Trichoderma atroviride*, plant and fungal pathogens by using a proteomic approach	09-08-2015
63	Nitika Chaudhary	"Proteome-wide identification of MFS transporter proteins in *Trichoderma reesei* using a comprehensive bioinformatic approach based on sequence and structure derived properties"	09-08-2015
64	Subhankar Chatterjee	How to give Presentation- Preparation of slides and talk'	23-09-2015
65	Shalini Verma	Mechanism of action of organophosphorous pesticides	29-09-2015
66	Navnit Kaur	Cryotolerance strategies of Pseudomonads isolated from the rhizosphere of Himalayan plants	
67	Aarti Rana	Tuberculosis and Leprosy: in search of improved diagnostics and vaccine development strategies against prevalent mycobacterial infections	06-10-2015
68	Munawar Kareem	Metabolomicanalysis of *Leishmania* reveal multiple species differences and large differences in amino acid metabolism.	06-10-15
69	Madhulika Kushwaha	Phthalate Biodegradation	20-10-15

70	Razak Hussain	Fusarium Tri4 encodes a key multifunctional cytochrome P450 monooxygenase for four consecutive oxygenation steps in trichothecene biosynthesis	20-10-15
71	Geetika Bakshi	Enzyme degradation of dibutylphthalate and toxicity of its degradation products.	27/10/2015
72	Dr. Yusuf Akhter	How to publish your research findings?	06-11-2015
73	Nitika Chaudhary	*Trichoderma virens*, a plant beneficial fungus, enhances biomass production and promotes lateral root growth through an auxin-dependent mechanism in *Arabidopsis*	10-11-2015
74	Shikha Sharma	Quorum sensing protein "Adenylate Cyclase"	10-11-2015
75	Indu Kumari	How does trichodermin affect pathogenic fungi?	17-11-15
76	Ankita Sharma	Genome-wide computational determination of the human metalloproteome.	17-11-15
77	Shaliniverma	Biodegradation of organophosphate pesticide by utilizing microbial metabolism	02-12-2015
78	Shweta Thakur	Potential T cell epitopes of Mycobacterium tuberculosis that can instigate molecular mimicry against host: implications in autoimmune pathogenesis	12-02-2015

To celebrate National Science Day -2015 with a theme "Science for Nation Building", School of Life Sciences and School of Earth And Environmental Sciences, have organized a "Science Day Colloquium" with following lectures on 27.02.2015:

Sr. No.	Title	Faculty
1.	Magic of Pi-Pi Interaction	Dr. Deepak Pant
2.	Drug Discovery Process Against Infections	Dr. Yusuf Akhter
3.	Medicating the Environment – Risk of Pharmaceuticals to Wild Life and Ecosystems	Dr. S. Chatterjee
4.	Organization principles of connectedness: Are there similarities in biological, ecological and social networks?	Dr.Vikram Singh
5.	Ozone Depletion and Climate Change	Dr. Ankit Tandon
6.	CADD Approaches for the Development of Potential Drug Candidates	Dr. P. Aparoy
7.	The Crying Himalaya	Dr. Anurag Linda

49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**
   - Not yet

50. **Briefly highlight the contributions of the department in generating new knowledge,**

basic or applied.

Centre has four research groups headed by the faculty members contributing in the area of infectious diseases, neurodegenerative diseases, agricultural and plant bioinformatics, identification of disease causing genes and drug design and developing systems level mathematical models towards Systems and Synthetic Biology research.

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

- **Strengths:**

  1. Centre has four full time permanent faculty members with PhD degree from prestigious institutes like University of Hyderabad, Jawaharlal Nehru University and Indian Institute of Technology-Roorkee. Faculty members also possess postdoctoral research experience from world class institutions (European Molecular Biology Laboratory etc.) with eminent fellowships like UGC-Kothari Fellowship, DAAD fellowship and EMBO long term fellowship.

  2. Research and Teaching in the Centre is focussed on diverse areas of Computational Biology & Bioinformatics. Faculty members are collaborating with prestigious institutes like JNU, HCU, IIT Roorkke etc. for their research and are publishing the joint research work in reputed journals. For promoting the collaborative research, Centre has entered into a MoU with CSIR-Institute of Himalayan Bioresource Technology situated in Palampur. One RD student of the Centre is pursuing his PhD in a joint collaboration of CUHP and IHBT.

  3. Computational Biology Laboratory is equipped with 15 high end [Intel® Xeon® CPU EZ-2650 v2 @ 2.60 GHz 2.60 GHz (2 processors), Installed memory: 64.0 GB RAM, 64-bit operating system] workstations and 30 Desktop computers for MSc and PhD students to perform the teaching and research.

  4. Centre has bagged external funding under research schemes from various government agencies such as Indian Council of Medical Research (ICMR), Department of Science and Technology (DST), Department of Biotechnology (DBT) and University Grant Commission (UGC).

  5. Twelve PhD students are actively engaged in research work and publishing in high impact peer reviewed international journals published by Royal Society of Chemistry, Elsevier, Taylor & Francis, Bentham Sciences, PLoS etc.

- **Weaknesses:**

  1. Lack of space for further extension of the Computational Biology Laboratory

2. Computational facility should be upgraded to increase the computational power by acquiring high end servers/clusters.

3. The Centre is devoid of experimental facility *viz.* Genomics, Transcriptomics, Proteomics and Metabolomics facility available for generation/ validation of computational data.

4. There are no senior faculty members at the grade of Professor/Associate Professor.

5. University is still not able to start any of the five proposed departments (Plant Science, Animal Science, Structural Biology, Biochemistry & Molecular Biology and Microbiology) and two Centres (Human Biological Chemistry & Genetics and Biomedical Engineering & Bioengineering) of School of Life Sciences which decreases the chances of productive collaborative research in the field.

- **Opportunities:**
  1. Centre may be used to provide short-term and long-term training to the students for the development of high quality manpower in the area of Computational Biology and Bioinformatics.

  2. Centre may be developed into a state-of-the-art entity of data warehousing, data mining, and analysis in the area of Life Sciences with investment in infrastructure as it possesses expertise for the same.

  3. It could be also developed into knowledge discovery hub with special emphasis on infectious diseases, cancer and neurodegenerative diseases, identification of disease causing genes and drug design and Bioinformatics for sustainable development.

  4. Centre may become specialized in providing a platform for the integrative studies of complex interactions in biological processes and to understand basic design principles that unite living systems.

  5. Ongoing research efforts concentrating on the agriculture sector and crop improvement *viz.* wheat genome analysis/biocontrol agents could be further utilized by the agricultural communities.

- **Challenges:**
  1. Land must be allocated to University for establishment of permanent campus so that further extension of the Computational Biology Laboratory could occur.
  2. Experimental facility must be developed to produce, validate and analyse the computational data.
  3. Senior faculty members at the grade of Professor/Associate Professor must

be appointed as soon as possible.

4. Funding constraints for developing state-of-art computational and experimental laboratory

5. To extend the School of Life Sciences by opening all the proposed Departments and Centres.

52. Future plans of the department:

1. Enhancing of space for computational biology laboratory.
2. Expansion of computational facilities at the Centre by procuring high end servers/clusters.
3. Latest bioinformatics software like Amber, Charm, Gaussian, CLC genomics workbench etc.
4. To attract students from various science disciplines to encourage interdisciplinarity in the Centre.
5. To establish the experimental laboratory facility for data generation and validation.
6. To encourage Industry-academia ventures.

Department of

Computer Science

& Informatics

1. **Name of the Department** : Computer Science & Informatics

2. **Year of establishment** : 2011

3. **Is the Department part of a School/Faculty of the university** : Yes

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :** PG: M.Sc.IT

5. **Interdisciplinary programmes and departments involved** : Yes

6. **Courses in collaboration with other universities, industries, foreign institutions, etc. :**No

7. **Details of programmes discontinued, if any, with reasons** : N/A

8. **Examination System: Annual/Semester/Trimester**/Semester

9. **Participation of the department in the courses offered by other departments :** 20%

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

Sanctioned		Actual (including Filled CAS & MPS)	
Professor	1	Nil	Nil
Associate Professors	2	Nil	Nil
Asst. Professors	4	2	2
Others	Nil	Nil	Nil

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Keshav Singh Rawat	B.E., M.Tech., UGC-NET GATE	Assistant Professor	Image Processing, Algorithms, Theoretical Computer Science	5	Nil

Manoj Dhiman	MCA, UGC-NET(JRF)	Assistant Professor	Database management system and algorithms	3	Nil

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors** : Nil

13. **Percentage of classes taken by temporary faculty – programme-wise information :**
    M.Sc.IT – 15%

14. **Programme-wise Student Teacher Ratio**
    27:2

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**
    Nil

16. **Research thrust areas as recognized by major funding agencies :** Nil

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.** : Nil

18. **Inter-institutional collaborative projects and associated grants received** : Nil

    a) National collaboration   b) International collaboration

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.** : Nil

20. **Research facility / centre with** : Nil

    • state recognition

    • national recognition

    • international recognition

21. **Special research laboratories sponsored by / created by industry or corporate bodies** : **No**

22. **Publications:**

∗ Number of papers published in peer reviewed journals (national / international) : **1**

∗ Monographs : **Nil**
∗ Chapters in Books : **Nil**
∗ Edited Books : **Nil**

∗ Books with ISBN with details of publishers : **Nil**
∗ Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : **N/A**
∗ Citation Index – range / average : **N/A**
∗ SNIP : **N/A**
∗ SJR : **N/A**
∗ Impact Factor – range / average : **N/A**
∗ h-index : **N/A**

23. **Details of patents and income generated** : Nil

24. **Areas of consultancy and income generated** : Nil

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :** None

26. **Faculty serving in** :
    a) National committees   N/A
    b) International committees   N/A
    c) Editorial Boards   N/A
    d) Any other (please specify) :
    ❖ Meeting attended of BOS of H.P.T.U. in respect of MCA on dated 21.11.2014 at HPTU, Hamirpur.(by Manoj Dhiman)
    ❖ Delivered lecture on the topic "Power Point Presentation " on 11th Aug, 2015 in the training programme on ICT skills organised by Govt. college of Teacher Education Dharamshala under the aegis of MHRD.(By Keshav Singh Rawat)

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Keshav Singh Rawat, Assistant Professor, CSI				
SN.	Courses	Title	Duration	Venue
1.	Refresher Course	Refresher Course in ICT	**3 week** 06.07.2015 to 25.07.2015	UGC-HRDC, HPU, Shimla (H.P)
2.	Training & Teaching-Learning	Orientation Programme	**4 week** 03.06.2014 to 30.06.2014	UGC- ASC LNIPE, Gwalior (M.P.)
3.	Training	Computer Networking with CCNA	**One Week** 19.05.2014 to 23.05.2014	NITTTR, Chandigarh
4.	Training	Wireless Digital	**One Week**	UIT, RGPV,

		Communication	17.06.2013 to 21.06.2013	Bhopal
5.	Workshop	Analytical Aspects of Dynamics	**One week** 11.11.2014 to 17.11.2014	CUHP, Shahpur
6.	Workshop	National Workshop on Building Dynamic Websites & Testing	**Two Days** 06-07 April ,2013.	Jawaharlal Nehru Govt Engineering College, Sundernagar under TEQIP II
7.	Workshop	DELNET: Resourse, service & facilities & Koha: An Open Source Integrated Library System	**One day** 15 June, 2013.	Organised by DELNET in collaboration with Central University of Himachal Pradesh
8.	Workshop	2nd NKN Workshop	**Three days** 17-19 Oct, 2013.	National Knowledge Network at IISC, Bangalore
9.	Workshop	A –View Training	**One day** 21.02.2014.	Amrita University funded by MHRD

Manoj Dhiman				
Recharging Strategies	Title	Date	Organized by	Place
UGC ASC Orientation Programme	OP-119	22.06.2015 to 18.07.2015	HRDC	HPU, Shimla
Workshop	Analytical Aspects of Dynamics	**One week** 11.11.2014 to 17.11.2014	CUHP, Shahpur	Workshop

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects 100%

- percentage of students doing projects in collaboration with other universities

  / industry / institute 100%

29. Awards / recognitions received at the national and international level by:

- Faculty none
- Doctoral / post-doctoral fellows none
- Students none

30. **Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any.**

31. **Code of ethics for research followed by the departments**

32. **Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc.IT (2011)	281	8	13	6	13
Ph.D. (2011)	259	1	1	ongoing	
M.Sc.IT (2012)	341	12	15	10	15
Ph.D. (2012)	TREAT NOT HELD				
M.Sc.IT (2013)	399	10	12	9	12
M.Sc.IT (2014)	454	Ongoing			
M.Sc.IT (2015)	460				

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc.IT (2011)	0%	81.82%	18.18%	0%
Ph.D. (2011)	0%	50%	50%	0%
M.Sc.IT (2012)	0%	92.85%	7.15%	0%
M.Sc.IT (2013)	0%	86.36%	13.64%	0%
M.Sc.IT (2014)	0%	96.29%	03.71%	0%
M.Sc.IT (2015)	0%	100%	0%	0%

34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**
Nil

35. **Student progression**

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	Exact data not available
☐ Campus selection	
☐ Other than campus recruitment	
Entrepreneurs	N/A

36. **Diversity of staff**

Percentage of faculty who are graduates	
Of the same university	Nil
From other universities within the State from	50%
universities from other States from	50%
universities outside the country	Nil

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:** Nil

38. **Present details of departmental infrastructural facilities with regard to**
   a)   Library : **Nil**
   b)   Internet facilities for staff and students : **Yes**
   c)   Total number of class rooms: **one**
   d)   Class rooms with ICT facility : **1**
   e)   Students' laboratories : **1**
   f)   Research laboratories **: 1**

39. **List of doctoral, post-doctoral students and Research Associates**

   a)   from the host institution/university : **Neetu, CUHP12RDCS01**

   b)   from other institutions/universities : **Nil**

40. **Number of post graduate students getting financial assistance from the university.** : 20%

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

42. **Does the department obtain feedback from :**
   a. **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?** Yes, (BOS)
   b. **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?** Yes (University Level)
   c. **Alumni and employers on the programmes offered and how does the department utilize the feedback?** N/A

43. **List the distinguished alumni of the department (maximum 10)**
   1. Kamal
   2. Anish Sood Bhushan
   3. Tanya Channa
   4. Vishal Vyas
   5. Razeena Begum
   6. Manju Sharma
   7. Palak Verma
   8. Banita Kumari
   9. Sushma Devi
   10. Rajeev Rana.

44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

S.No.	Workshop Title	Association with	Duration	Date	Place	Coordinator
1.	Linux	Spoken Tutorial, IIT Bombay (funded by MHRD)	One day	24.01.2014	ICT LAB CUHP	Keshav Singh Rawat
2.	C & C++	Spoken Tutorial, IIT Bombay (funded by MHRD)	One day	07.02.2014	ICT LAB CUHP	Keshav Singh Rawat
3.	C & C++	Spoken Tutorial, IIT Bombay (funded by MHRD)	One day	04.04.2014	ICT LAB CUHP	Keshav Singh Rawat
4	Java	Spoken Tutorial, IIT Bombay (funded by MHRD)	One day	04.04.2014	ICT LAB CUHP	Keshav Singh Rawat
5	C and CPP	Spoken Tutorial, IIT Bombay (funded by MHRD)	One day	24.03.2015	ICT LAB CUHP	Keshav Singh Rawat

6	LINUX	Spoken Tutorial, IIT Bombay (funded by MHRD)	One day	25.03.2015	ICT LAB CUHP	Keshav Singh Rawat
7	Java	Spoken Tutorial, IIT Bombay (funded by MHRD)	One day	27.03.2015	ICT LAB CUHP	Keshav Singh Rawat
8	Image Processing and Computational Intelligence	Information Society of Department of Computer Science and Informatics	Two days	01-02,May 2014	Seminar hall, CUHP	Conveyor – Keshav Singh Rawat
9	Business Process Simulation using WEBGPSS tool	Information Society of Department of Computer Science and Informatics	One day	10.09.2014	ICT LAB CUHP	Conveyor – Keshav Singh Rawat
10	Software Engineering Principles and Techniques	Information Society of Department of Computer Science and Informatics	One day	28.11.2014	ICT LAB CUHP	Conveyor – Keshav Singh Rawat

Seminar Organised

SN.	Title	Date	Place	Coordinator
1.	Windows 8 & Windows Phone delivered by Mr. Nilabh Verma, Regional Trainer, Microsoft	04.12.2012	ICT LAB CUHP	Keshav Singh Rawat
2.	Cloud computing delivered by Mr. Dev Sharma , Centre Technical Head, HCL Infosystems	19.02.2013	ICT LAB CUHP	Keshav Singh Rawat

45. List the teaching methods adopted by the faculty for different programmes.
- Through ICT video lecture, Laboratory, etc.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
By BOS

47. Highlight the participation of students and faculty in extension activities.
- Coordinator of Spoken Tutorial, IIT Bombay (funded by MHRD) to organise online workshop

- Convenor, Information Technology Society of Department of Computer Science
- Poster presentation during national unity day (sardar ballabh bhai patel's birth day).
- Member, committee of modernization and automation of the university library operations and services.
- Member, Reception and Hospitality Committee of XXX IATLIS conference at CUHP during 27th -29th November 2014
- Member Admission Committee of RD Programme academic year 2014-15 of school of Education.
- Member of Executive Council of Central University of Himachal Pradesh.
- Member of School Board of Mathematics, Computers & Information Sciences
- Member of Board of Studies of Department of Computer Science & Informatics
- Member, Refreshment committee during First Convocation

48. **Give details of "beyond syllabus scholarly activities" of the department. N/A**
49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. NO**
50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.** Research activities yet to take of
51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.** Strength: Managing with meagre resources
    Weakness **Lack of adequate faculty**
    Challenges Recruiting and retaining faculty due to lack of infrastructure

52. **Future plans of the department.** Set up centres for Cyber security, Cloud computing

Annexure-1

List of Courses Offered by the Department of Computer Science & Informatics as per new CBCS pattern of UGC

CORE COMPULSORY COURSES
(40 Credits)

Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Co-requisite
1	CSI 401	Programming Methodology & Problem Solving on C	2	
2	CSI 403	Computer Organization & Architecture	4	
3	CSI 406A	Fundamentals of ICT	4	
4	CSI 407A	LAB-C	2	CSI 401
5	CSI 409A	Database Management System	4	
6	CSI 410	Object Oriented Programming using C++	2	CSI 401
7	CSI 413	Computer Networks	4	CSI 403
8	CSI 414A	LAB-DBMS	2	CSI 409A
9	CSI 414B	LAB-C++	2	CSI 410
10	CSI 420	Data Structure & algorithms	4	CSI 401
11	CSI 422	LAB- Data Structure & Algorithms	2	CSI 420
12	CSI 499	Industrial Training	4	
13	CSI 531	Theory of Computation	4	

CORE OPEN COURSES
(12 CREDITS)

Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Co-requisite
1	CSI419	Compiler Design	4	CSI 401
2	CSI 426	Operating System & System Soft wares	4	
3	CSI 430	LAB-Compiler Design	2	
4	CSI 431	Algorithm Design	4	CSI 401
5	CSI 432	LAB-Algorithm Design	2	CSI 407A
6	CSI 506	E-Governance, E-Business and E-Learning	2	
7	CSI 412	ICT and its Applications to socio-Economic Development	4	
8	CSI 404	Probability and Statistical Computing	4	
9	CSI 411	Modelling and Simulation	2	CSI 404
10	CSI 510	Multi-Media Systems and Technologies	2	
11	CSI 518	Computational Finance	2	
12	CSI 513	Cloud Computing, Green Technology and Emerging Trends in ICT	4	CSI 409A

Elective courses: Elective Specialization -1 Internet Technologies and the Web

Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Co-requisite
1	CSI 515	Internet Technologies & Web Programming	4	
2	CSI 503	Java Programming	4	
3	CSI 508A	LAB-Java	2	
4	CSI 515 A	LAB- IT&W	2	

Elective Courses Specialization -2 Information Retrieval and Cryptography

Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Co-requisite
1	CSI 514	Information Retrieval and Web mining	4	CSI 504
2	CSI 440	Information Security & Cryptography	4	

Elective Courses: Elective specialization -3 Image Processing and Graphics

Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Co-requisite
1	CSI 438	Digital Image Processing	4	
2	CSI 441	Computer Graphics & Multimedia	4	
3	CSI 442	Discrete Structure	4	

Elective Courses: Elective specialization-4 Software Engineering

Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Co-requisite
1	CSI 502	Software Engineering	4	CSI 401
2	CSI 509	Free and Open Source Software Development	4	
3	CSI 610	Software Quality Assurance	2	
4	CSI426	Operating Systems and System Software	4	
5	Csi424	Visual Programming	2	

ELECTIVE OPEN   (4 CREDITS)

Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Co-requisite
1	CSI 439	Data Mining and warehousing	4	
2	CSI 505	Mobile Wireless Communication	4	
3	CSI 504A	Artificial Intelligence	4	

| 4 | CSI517 | ERP(Operation Research) | 4 | |
| 5 | CSI 421 | Advanced Computer Algorithms | 4 | |

SKILL DEVELOPMENT   (4 CREDITS)

Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Co-requisite
1	CSI 443	LAB-Computer Hardware & Networking	4	
2	CSI 444	LAB Linux-Ubuntu	2	
3	CSI 445	LAB-Perl	2	
4	CSI 446	LAB -LibreOffice(FOSS)	2	

HUMAN MAKING   (4 Credit)

Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Co-requisite
1	CSI 429	IT Tools for Smart Work	2	
2	CSI 430	Tools and Technologies for Collaborative work	2	

Department of

Economics

& Public Policy

1. **Name of the Department:**
   - Department of Economics & Public Policy

2. **Year of establishment:**
   - 2010-11

3. **Is the Department part of a School/Faculty of the University?**
   - Yes. It is part of the School of Social Sciences

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
   - Advanced Diploma (2 Semesters)
   - MA (4 Semesters)
   - Ph.D. (6 Semesters)

5. **Interdisciplinary programmes and departments involved**
   - The department of Economics & Public Policy, till date, has not started any Interdisciplinary programmes.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
   - NIL

7. **Details of programmes discontinued, if any, with reasons**
   - No programme has been discontinued till date

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**
   - Choice Based Credit System (CBCS)   ANNEXURE 1

9. **Participation of the department in the courses offered by other departments**

Academic Batch	Course Code	Name of the Courses	Total Number of Students opting for these courses
2010-12	CSR 401	Human Values and Ethics	08
	PBS 401	Dynamics of Human Behaviour	08
	EEL 411	Academic Reading and Comprehension	08
	EEL 414	Advanced Oral Communication Skills in English	08
	EDM 401	Fundamentals of Entrepreneurship	08
	AFA 402	Fundamentals of Financial Services	08
	MSO 401	Management Principals and Functions	08
	MTH 410	Fundamentals of Statistics	08
	EEL 412	Academic Writing	08
	SWR 405	Basics of Research Methodology	08
	LIS 410	Fundamentals of ICT	08

	MSO 401	Management Principals and Functions	08
	SAS 401	Mathematical Statistics	08
	PBS 401	Dynamics of Human Behaviour	08
	AFA 402	Fundamentals of Financial Services	08
	SWR 402	Contemporary Social Problem	08
2011-13	LIS 410	Fundamentals of ICT	08
	EEL 414	Advanced Oral Communication	08
	AFA 403	Financial Management	07
	SWR 405	Basics of Research Methodology	07
	EEL 411	Academic Reading and Comprehension	07
	EEL 412	Academic Writing	07
	SWR 402	Contemporary Social Problem	13
	PBS 401	Dynamics of Human Behaviour	13
	MSO 401	Management Principals and Functions	13
	MTH 410	Fundamentals of Statistics	13
	EDM 401	Fundamentals of Entrepreneurship	13
2012-14	EEL 414	Advanced Oral Communication	13
	CSI 406	Fundamentals of Computer, Computing & ICT	13
	SWR 405	Basics of Research Methodology	13
	MCE 412	Economics of New Media Communication	13
	EEL 412	Academic Writing	13
	AFA 429	Financial Economics	13
	SAS 404	Applied Statistics	17
	CSI 406 A	Fundamentals of ICT	17
	EEL 414	Advanced Oral Communication Skills in English	17
	MSO 401	Management Principals and Functions	17
2013-15	MCE 410	Social Networking	16
	CSI 409 A	Data Based Management System	13
	SWR 405	Basics of Research Methodology	13
	SAS 405	Statistical Methods with Packages	13
	EEL 412	Academic Writing	3
	MIB 405	International Finance	3
	SAS 404	Applied Statistics	12
	EEL 412	Academic Writing	7
	EEL 414	Advanced Oral Communication	12
	CSI 406 A	Fundamentals of ICT	12
	MIB 411	International Business Management	5
	TTR 602	Development & Standardization of Research Tools	11
2014-16	EEL 412	Academic Writing	11
	HRM 410	Personality Development & Career Management	6
	POM 504	Operation Research	2
	AFA 411	Management of Financial Institutions	3
	SWR 405	Basics of Research Methodology	11
	MSO 415	Management Theory & Practice	11

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

Name of the Post	Posts Sanctioned	Filled Posts	Actual (Including CAS & MPS)
Professor	1	1	1
Associate Professor	2	0	0
Asst. Professor	4	3	3
Others	0	0	0
Total	7	4	4

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. /M.Phil students guided for the last 4 years
Dr. Hans Raj Sharma	Ph.D	Professor	Agricultural Economics & Rural Development	37	04
Mr. Indervir Singh	M.Phil	Assistant Professor	Institutional Economics	03	Nil
Mr. Amit Kumar Basantaray	M.Phil	Assistant Professor	Agriculture Economics & Development Economics	03	Nil
Mr. Kamal Singh	MA	Assistant Professor	Indian Economy & International Economics	03	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
NIL

13. **Percentage of classes taken by temporary faculty – programme-wise information**
   - The department took the services of temporary faculties till December, 2012 as there was only one permanent faculty at that point of time. Record of exact percentage of classes taken by temporary faculty during that period is not available.

14. Programme-wise Student Teacher Ratio

MA Programme		Ph.D Programme	
Batch	Student-Teacher Ratio	Session	Student-Teacher Ratio
2010-12	9:1	2010-11	-
2011-13	2:1	2011-12	1:1
2012-14	4:1	2012-13	2:1
2013-15	4:1	2013-14	3:1
2014-16	3:1	2014-15	4:1
2015-17	5:1	2015-16	4:1

Note: For calculating student-teacher ratio, only teachers eligible for supervising Ph.D. students are taken into account

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

    NA

16. **Research thrust areas as recognized by major funding agencies:**

    • Micro, Small & Medium Enterprises (MSME)

17. **Number of faculty with on-going projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.**

    • Total number of faculty with on-going projects-01

SI	Name of the Faculty	Type of Funding Agency	Name of the Funding Agency	Total grants received	Project Title
1	**Prof. H.R. Sharma**	National	UGC, New Delhi	**Rs. 7,33,600** (Seven Lakh, Thirty Three Thousand and Six Hundred Only)	Micro Enterprises in Rural Non-Farm Sector in Himachal Pradesh: An Empirical Study in Production, Marketing and Technology

18. **Inter-institutional collaborative projects and associated grants received**

a) **National collaboration**   b) **International collaboration**

    • Not Applicable

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:**

    NA

20. **Research facility / centre with state recognition, national recognition, & international recognition**

    • **E-Libraries**
    • **E-Journals**

21. **Special research laboratories Sponsored by / created by industry or corporate bodies**

    Not Applicable

22. **Total number of Publications by all the faculty members of the department**

    16 (Sixteen)

Faculty Wise Details of Publications

A. Publication details of Prof. Hans Raj Sharma

Serial Number	Year of Publication	Title	Journal Name
		Papers Published in Journals	
1.	2013	Agricultural Transformation in Trans-Himalayan Region of Himachal Pradesh: Cropping Pattern, Technology Adoption and Emerging Challenges	*Agricultural Economics Research Review*
2.	2013	Socio-Cultural Traditions, Ecological Features and Indigenous Practices in Spiti Valley in Trans-Himalayan Region: Understanding Rationale and Implications for Natural Resource Conservation and Agricultural Development	*Annals of Arid Zone*
3.	2011	Impact Assessment of Wheat Research in Himachal Pradesh: Contribution of CSKHPKV	*Himachal Journal of Agricultural Research*
4.	2011	Crop Diversification in Himachal Pradesh: Patterns, Determinants and Challenges	*Indian Journal of Agricultural Economics*
		Chapters in Edited Books	
	Year	Title of the Chapter	Details of Edited Book
5.	2011	The Changing Tenancy Relations in India: The case for Liberalising	Land Policies for Inclusive Growth, T. Haque (Ed), Council for Social Development and Rural Development Institute, New Delhi, pp. 237-256
6.	2011	Functioning of Lease Market and Small Holders: Evidence and Options	Agrarian Distress in India: Problems and Remedies, B. C. Barah and Smita Sirohi (Eds.), Concept Publishing House, New Delhi, pp. 48-70
7.	2011	Socio-Economic Profile of Himachal Pradesh	Socio-Economic Profile of Rural India, Raj MohiniSethi (Ed), Concept Publishing Company Pvt Ltd., New Delhi

B. Publication details of Mr.Indervir Singh

Serial Number	Papers Published in Journals		
	Year of Publication	**Title**	**Journal Name**
8.	**2012**	Social Norms and Occupational Choice: The Case of Caste System in India	*Indian Journal of Economics and Business*
9.	**2013**	Providing Affordable Higher Education to Rural Girls in Indian Punjab: A Case Study of Baba Aya Singh Riarki College.	*Annals of the University of Petrosani- Economics*
	Books (edited)		
	Year	**Title**	**Publisher**
10.	**2014**	Nehruvian Economic Philosophy and Its Contemporary Relevance	Centre for Research in Rural and Industrial Development (CRRID), Chandigarh
	Chapters in Edited Books		
11.	**Year**	**Title of the Chapter**	**Details of Edited Book**
12.	**2013**	Economics of Contract Law in India	Law and Economics: Practice- Volume II, V. Santhakumar and Shubhas his Gangopadhyay (eds.), New Delhi: Sage Publication. (ISBN: 9788132110095)
13.	**2014**	Philosophy behind Development of Public Sector with Special Reference to Steel Industry in India: Nehru and Beyond,	Nehruvian Economic Philosophy and Its Contemporary Relevance. Ranjit Singh Ghuman and Indervir Singh (eds.), Centre for Research in Rural and Industrial Development (CRRID), Chandigarh (ISBN 978-81-85835-70-5)
14.	**2014**	Nehruvian Economic Philosophy: Historical Context	Nehruvian Economic Philosophy and Its Contemporary Relevance. Ranjit Singh Ghuman and Indervir Singh (eds.), Centre for Research in Rural and Industrial Development (CRRID), Chandigarh (ISBN 978-81-85835-70-5)

C. Publication details of Mr.Amit Kumar Basantaray

Serial Number	Year of Publication	Papers Published in Journals	
		Title	Journal Name
15.	2015	Review Article on the book titled 'Agricultural Diversification', Anna Kaka Patil, Serials Publication, New Delhi, 2014.	*Indian Journal of Agricultural Economics*
Chapters in Edited Books			
16.	Year	Title of the Chapter	Details of Edited Book
	2015	Dejected Social Sector Development in India during the Reform Period: Trends, Patterns, and Determinants	Social Sector in India: Issues and Challenges. Himanshu Sekhar Rout and Padmaja Mishra (eds.), Cambridge Scholars Publishing. (ISBN (10): 1-4438-7799-9 ISBN (13): 978-1-4438-7799-2)

D. Publication details of Mr. Kamal Singh

Serial Number	Papers Published in Journals		
	Year of Publication	Title	Journal Name
17.	Forthcoming (July-December, 2015)	National Food Security Act: Awareness, Issues and Strategies from bottom of the Pyramid Perspective	*Journal of Institute of Public Enterprise*

23. Details of patents and income generated

NIL

24. Areas of consultancy and income generated

Serial Number	Name of the Faculty	Areas of consultancy	Institute who took consultancy	Income generated
1.	Prof. H.R. Sharma	Manpower & Planning		Honorarium
2.	Prof. H.R. Sharma	Editing	Indian Society of Labour Economics	Honorarium

25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad

NIL

26. Faculty serving in National committees b) International committees c) Editorial Boards d) any other (please specify)

- Prof. Hans Raj Sharma is a member of the Editorial Board, Indian Journal of

Agricultural Economics.

• He is in the editorial board since January, 2014.

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

SI	Name of the Faculty	Name of the Programme	Organized by	Total number of recharging strategies (Faculty Wise)
1.	Mr. Indervir Singh	I. General Orientation Programme	UGC Academic Staff College, Guru Nanak Dev University	One
2.	Mr. Kamal Singh	I. Research Methods and Writing Skills II. Special Winter School	National Workshop organized by Institute of Public Enterprise, Hyderabad and sponsored by ICSSR UGC Academic Staff College, Panjabi University, Patiala	Two
3.	Mr. Amit Kumar Basantaray	I. Winter School (Equivalent to One Refresher/Orientation Programme) II. Research Methods and Writing Skills	UGC Academic Staff College, Utkal University National Workshop organized by Institute of Public Enterprise, Hyderabad and sponsored by ICSSR	Two

28. **Student projects**

• **Percentage of students who have done in-house projects including inter-departmental projects**:

100 per cent

All MA students have done their in-house projects under the course title Community Laboratory/Field Survey and Report writing

It is mandatory for MA students to write a report based on primary survey before completing their master's degree

1.	Assessment of the Implementation of Integrated Child Development Scheme (ICDS) by Aganwari Centres in Kangra District (H.P.)
2.	Economics of Polyhouse Cultivation (in Floriculture) in Kangra District (H.P.)
3.	Economics of Polyhouse Cultivation (in Floriculture) in Kangra District (H.P.)
4.	Mid Day Meal Scheme in Kangra (H.P.)
5.	Implementation of Public Distribution System: An Empirical Study in the Villages of District Kangra (H.P.)
6.	Analysis of Cultivation of Maize, Paddy and Wheat in District Kangra (H.P.)
7.	Implementation of Public Distribution System: An Empirical Study in the Villages of District Kangra (H.P.)

8.	The Mahatma Gandhi National Rural Employment Guarantee Act-2005 (MGNREGA)
9.	The Role of Patanjali Ayurveda Ltd. In Transforming and Modifying Consumer Expenditure on Herbal/Ayurvedic Goods in India
10.	Mid Day Meal Scheme in Kangra (H.P.)
11.	Assessment of the Implementation of Integrated Child Development Scheme (ICDS) by Aganwari centres in Kangra District (H.P.)
12.	The Role of Patanjali Ayurveda Ltd. In Transforming and Modifying Consumer Expenditure on Herbal/Ayurvedic Goods in India
13.	Analysis of Cultivation of Maize , Paddy and Wheat in District Kangra (H.P.)
14.	Economic Activities and Socio-Economic Condition of BPL Families in Nerti Panchayat of Kangra District (H.P.)
15.	To Study the Impact of MNREGA on Economic Empowerment of Women in District Chamba (H.P.)
16.	Economics of Wheat Production : A Study Of Village Rajour , District Kangra, Himachal Pradesh
17.	Public Vs Private School : A Comparison between the facilities and performance of the students in Tehsil Shahpur , District Kangra (H.P.)
18.	Assessment of Implementation of ANTYODYA ANNA YOJANA (AAY) in Matour Village of Kangra District (H.P.)
19.	An Analysis of Economics of Flour Mills in Kangra District (H.P.)
20.	Livestock as a Secondary Source of Income in Sehwan Panchayat ,Tehsil ShahpurKangra District (H.P.)
21.	Economics of Maize Production : A Study Of Village Rajour , District Kangra, Himachal Pradesh
22.	Economics of Poultry Farming
23.	An Analysis of Mid Day Meal Scheme in Tehsil Shahpur Kangra District (H.P.)
24.	Disbursement of Medium Term Agriculture Credit and Its Usages by Farmers : A Case Study of Cooperative Society SehwanKangra District (H.P.)
25.	Assessment of Implementation of the JANANI SURAKSHA YOJANA (JSY) in Draman Panchayat District Kangra (H.P.)
26.	Tea Garden Labours and Their Living Condition: A Case Study on Bundla Tea Estate of Palampur
27.	Income and Consumption Pattern of Kachhyari Village and an Empirical Testing of Engel's Law
28.	Livelihood Strategies of BPL Families in Rural Area : A Study of Hatli Village of Chamba District (H.P.)
29.	Analysis of Poverty and Income Inequality in rural areas : A Case Study of Gola Village
30.	Do India's Community Health Centers Stand Tall in terms of its Infrastructure and Perception – A Case Study of Shahpur Community Health Centre (CHC) in District Kangra
31.	A Case Study of Patlikuhl Women Weaver's Society
32.	Assessment of PradhanMantri Gram SadakYojana (PMGSY) in Kareri Village of District Kangra (H.P.)
33.	A Critical Analysis of PradhanMantri Jan DhanYojana
34.	Economic Analysis of Self Help Groups in Shahpur Panchayat
35.	An Enquiry into the Implementation of Indira Awas Yojana in Bijhari Block of District Hamirpur (HP)

• **Percentage of students doing projects in collaboration with other universities**
  • **industry / institute**

NIL

29. Awards / recognitions received at the national and international level by Faculty

Prof. H.R. Sharma has won the Inspired teacher's award for the year 2015

Consequently he attended a In–Residence programme for the Inspired teachers hosted by the RashtrapatiBhawan, New Delhi

• **Doctoral / post-doctoral fellows**

Two doctoral fellows have Senior Research Fellowship (SRF) given by UGC, New Delhi

• **Students**
  • One MA student has bagged Junior Research Fellowship (JRF)
  • Four MA students have been cleared for Assistant Professors by UGC, New Delhi

30. Seminars/Conferences/Workshops organized and the source of funding (national/International) with details of outstanding participants, if any

Sr. No.	Year	Type of Programme	Details of the Programme	Name of the External Expert	Funding Agency	Number of Outstanding participants
1.	October, 2011	Workshop	Macroeconomics	Prof. Satish Verma, GNDU, Amritsar	CUHP	Nil
2.	February, 2012	Workshop	Econometric Method	Prof. S.K. Chauhan, CSK, HP Agricultural University, Palampur, HP	CUHP	Nil
3.	February, 2012	Workshop	Econometric Method	Prof. S.K. Chauhan, CSK, HP Agricultural University, Palampur, HP	CUHP	Nil
4.	February, 2012	Workshop	Applications of Statistical Methods	Prof. Kamlesh Singh, CSK, HP Agricultural University, Palampur, HP	CUHP	Nil
5.	March, 2012	Workshop	Econometric Method	Prof. S.K. Chauhan, CSK, HP Agricultural University, Palampur, HP	CUHP	Nil
6.	March, 2012	Workshop	Econometric Methods	Prof. K.D. Sharma, CSK, HP Agricultural University, Palampur, HP	CUHP	Nil
7.	April, 2012	Workshop	3 days workshop on Statistical Methods	Prof. Kamlesh Singh, CSK Himachal Pradesh Agricultural University, Palampur	CUHP	Nil
8.	April-	Workshop	3 days workshop	Prof. Gurmail Singh, Chairman,	CUHP	Nil

	May, 2012		on Econometric Methods	Department of Economics, Panjab University, Chandigarh		
9.	September, 2012	Interactive Session	General Talk	Prof. A Saha, Vice-Chancellor, Central University of Tripura	CUHP	Nil
10.	November, 2013	Lecture	Aggravating Income Inequalities both in Developed and Developing Countries	Prof. Gurmail Singh, Department of Economics, Panjab University, Chandigarh	CUHP	Nil
11.	April, 2014	Workshop	Workshop on Data Analysis	Prof. Balkrishan, Retired Professor of Business Management, Himachal Pradesh University,Shimla	CUHP	Nil
12.	August, 2014	Training Programme	Theme: "Using Statistical Package (SPSS &E-Views) for Social Sciences"	Prof. Balkrishan, Retired Professor of Business Management, Himachal Pradesh University, Shimla	CUHP	Nil
13.	September, 2014	Workshop	Workshop on SPSS	Prof. Gurmail Singh, Retired Professor, Dept. of Economics, Panjab University, Chandigarh	CUHP	Nil
14.	March, 2015	Workshop	Methodological Aspects and Usage of NSSO Unit Level Data in Economics	Dr.Jajati Keshari Parida, Deputy Director, Research & Coordinate Division, National Institute of Labour Economics, Research and Development, New Delhi	CUHP	Nil

31. Code of ethics for research followed by the departments

- The department promotes responsible expression of their views among its researchers.
- The department is committed to inculcate research ethics, such as, integrity, respect for other's freedom of expression and take criticism a source for improvement, amongst its researchers.
- The department promotes research in areas which are crucial for sustainable development and improvement in social welfare.

32. Student profile programme-wise:

Name of the Programme	Year	Number of Seats	Application Received	Selected		Pass Percentage	
				Male	**Female**	**Male**	**Female**
MA	2010	30	206	05	04	56	44
	2011	30	189	02	05	29	71
	2012	30	193	05	08	38	62
	2013	30	275	04	09	31	69
	2014	30	246	NA	NA		
	2015	30	236	NA	NA		
Ph.D	2011	1		1		-	-
	2012	1		1		-	-
	2013	1		1		-	-
	2014	1		1		-	-
	2015	1			1	-	-

33. Diversity of students

Name of the Programme	% of students from the same University	% of students from universities within the state	% of students from Universities outside the State	% of Students from Other Countries	Total Number of Students Passed Out
MA	-	86%	14%	-	42
Ph.D	-	75%	25%	Nil	4 (Number of Registered Scholars)

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Type of Examinations	Total number of Students Qualified
Civil Services	0
JRF	2
NET	3
SET	0
Other Competitive Examinations	-

35. Student progression: NIL

Student Progression	Percentage against enrolled
UG to PG	NIL
PG to M.Phil	NIL
PG to Ph.D	NIL
Ph.D. tp Post-Doctoral	NIL
Employed • Campus Selection • Other than Campus Selection	NIL
Entrepreneurs	NIL

36. Diversity of staff
- Total Number of Faculty = 4

Faculty who are graduates	In numbers	In percentages
Of the same university	00	-
From other universities within the state	01	25%
From universities from other states	03	75%
From universities outside the country	00	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period
- NIL

38. Present details of departmental infrastructural facilities with regard to Library
- Text books and research books of the department are available with the Library of CUHP
- **Internet facilities for staff and students**
- All the faculties are provided internet facilities with 24 by 7 LAN and WI-FI connectivity.
- **Total number of class rooms**
- One Class room (CR-4) is allotted to the department.

39. List of doctoral, post-doctoral students and Research Associates
- from the host institution/university

Type of Students	Name	Admission Year	Remarks
Doctoral Students	Mr. Ajay Kumar	2011	
	Mr. Susheel Kumar	2012	
	Mr. Hakam Chand	2013	The scholar has left the PhD programme as he is selected in the Department of Education, Govt. of Himachal Pradesh
	Ms.Archi Bhatia	2014	
	Mr. Shakir Hussain Malik	2016	
	Mr. Kamal Singh	2016	In service candidate, working in the CUHP as Assistant Profssor (Economics)
Post-doctoral Students	-	-	-

- from other institutions/universities – NIL

40. Number of post graduate students getting financial assistance from the university.

Academic Year	Type of financial assistance from the university	Total Number of Students who availed this assistance
2010-11	Free ship/Fellowship	02
2011-12	Free ship/Fellowship	03
2012-13	Free ship/Fellowship	05
2013-14	Free ship/Fellowship	05 (3 half & 2 full)

Note: Free ship/Fellowship is the financial reimbursement of the fees paid by the student in an academic year. Full means full fee that the student pays is reimbursed. Half means half of the total fees in an academic year are reimbursed.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- The department started its MA and Ph.D programme from 2010-11
- Both the programmes were started in consonance with vision of the University
- Fulfilling the National needs and following the National educational policy were other criteria
- While starting the programme, UGC guidelines were followed and made sure that department follows the above points in all future times to come

42. Does the department obtain from Faculty on curriculum as well as teaching-learning-evaluation?

- Yes
- If yes, how does the department utilize the feedback?

As each faculty designs his/her own syllabus of a course, feedback from faculties on curriculum as well as teaching-learning-evaluation is not collected. However, the syllabus of every paper is put before the annual board of studies meeting, consisting of subject experts, for approval.

Students on staff, curriculum and teaching-learning-evaluation?

- Yes
- How does the department utilize the feedback?

The Controller of Examinations (COE), CUHP collects feedback course paper wise from students at the time of End-Term examinations. The students are asked to give scores on different parameters related to the teacher's performance in that course. These feedbacks are then used to give a composite score to each teacher on each course that is taught by him/her.

Alumni and employers on the programmes offered and how does the department utilize the feedback?

- Yes

The University organized its first alumni meet on October 4, 2015. At this platform, the department took the feedback, from its alumni, on the structure and contents of the courses, faculties and suggestions for further improvement. The feedback forms were circulated among the department faculties for consideration. These feedbacks would now be analysed to implement in the further improvement of the department.

43. List the distinguished alumni of the department (maximum 10)
- Mr. Showkat Rashid (Teaching Economics in a College in Srinagar)
- Mr.Rakesh Anand Pandey (Working in National Sample Survey Organization, Government of India)
- Mr. Vishal Dagar (Working as a Senior Manager in a Private Company in Gurgaon)
- Mr.Shakir Hussain Malik (Cleared UGCJRF in June 2015 and is a RD Scholar
- Mr.Tarvesh Chauhan (Teaching in Delhi Public School)
- Mr.Nirmal Singh Rajput (Cleared UGC JRF in June, 2015 and Joined Ph.D. programme in Economics in Central University of Jammu)
- Mr.Devinder Sharma (Joined Ph.D. programme in Economics in Central University of Jammu)

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Details of student enrichment programmes:

Sr. No.	Year	Type of Programme	Details of the Programme	Name of the External Expert	Remarks
1.	2011	Special Lecture	Title: "Reforming Indian Agriculture Under Liberalization and Globalization: Issues and Challenges"	Prof. K N Nair, former Director Centre for Development Studies, Trivandrum	
2.	2013	Special Lecture	Title: "Globalization Aggravates Income Inequality Both in Developed and Developing Countries"	Prof. Gurmail Singh, Professor and Ex-Chairperson of Department of Economics, Panjab University.	
3.	April, 2014	Workshop	Theme: "Data analysis using Statistical Package for Social Scientists (SPSS)"	Prof. Balkrishan, Retired Professor of Business Management, Himachal Pradesh University,Shimla.	Two days duration
4.	August, 2014	Training Programme	Theme: "Using Statistical Package (SPSS &EViews) for Social Sciences"	Prof. Balkrishan, Retired Professor of Business Management, Himachal Pradesh University,Shimla	Two days duration
5.	2015	Workshop	Methodological Aspects and Usage of NSSO Unit Level Data in Economics	Dr.Jajati Keshari Parida, Deputy Director, Research & Coordinate Division, National Institute of Labour Economics, Research and Development, New Delhi	Two days duration

45. List the teaching methods adopted by the faculty for different programmes.
- Chalk and Blackboard
- Whiteboard
- Giving lectures using overhead projector
- By taking students to communities and assigning them field work
- By taking students to the library and giving them assignments inside the library

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- By conducting class tests
- By conducting surprise class tests
- By conducting quizzes
- By conducting group discussions
- By conducting general discussions on current economic issues
- By asking students to give assignments on syllabus topics
- By taking presentation of students on different topics
- By asking research scholars to present their progress of research work once in each semester

47. Highlight the participation of students and faculty in extension activities.
- The second year MA students (in semester IV) conduct field survey relating to local issues. Under the course title 'Field survey & report writing', all the students of semester IV write a report on a topic related to local issues purely on the basis of primary data collected from the field. In this process, they prepare a synopsis, identify problems, select a sample, construct an instrument for data collection, collect data, analyse data and finally submit a report to the department. The report is evaluated by an external evaluator. The report carries wide policy implications. This is how the students engage themselves with the local communities.

2012-13

PROF. H .R. SHARMA

1. Professor H. R. Sharma acted as resource person and delivered a lecture on Emerging Agrarian Structure in India: Patterns and Implications' in the UGC sponsored refresher course for College and University lecturers in the Department of Economics, Panjab University, Chandigarh on 26th March, 2013
2. Professor H. R. Sharma acted as resource person and delivered a lecture on 'Mountain Agriculture in Transition: Experiences and Lessons from Himachal Pradesh', in the UGC sponsored refresher course for College and University lecturers in the Department of Economics, Panjab University, Chandigarh on 26th March, 2013

3. Professor H R Sharma acted as a resource person in a 2-week Induction Programme conducted for college lecturers by Teachers Education College, Dharamshala on 28th April, 2012

4. Professor H R Sharma acted as a resource person in a 2-week Induction Programme conducted for college lecturers by Teachers Education College, Dharamshala on 11 May, 2012

5. Professor H R Sharma acted as a resource person in a 2-week Induction Programme conducted for college lecturers by Teachers Education College, Dharamshala on 8th June, 2012

6. Professor H R Sharma acted as a resource person in a 2-week Induction Programme conducted for college lecturers by Teachers Education College, Dharamshala on 20th June, 2012

7. Professor H R Sharma acted as a resource person in a 2-week Induction Programme conducted for college lecturers by Teachers Education College, Dharamshala on December 28, 2012

8. Professor H R Sharma acted as a resource person in a 2-week Induction Programme conducted for college lecturers by Teachers Education College, Dharamshala on January 17, 2013

KAMAL SINGH

1. Delivered a talk on 'Consumer Equilibrium' during the one day programme for PGT Economics conducted at Navodaya Leadership Institute, Chandigarh on 3rd August, 2012.

2. Delivered a talk on 'Market Structure' during the one day programme for PGT Economics conducted at Navodaya Leadership Institute, Chandigarh on 3rd August, 2012.

2013-14

PROF. H. R. SHARMA

1. Professor H. R. Sharma acted as a resource person in 1-week Induction Programme conducted for college lecturersby Teachers Education College, Dharamshala on April 17, 2013

2. Professor H. R. Sharma acted as a resource person in 3-week Refresher Course in Economics conducted for college lecturers by the academic Stafffor College lecturer at Himachal Pradesh University, Shimla in April-May, 2013

3. Professor H. R. Sharma acted as a resource person in3-weekOrientation Programme conducted for college lecturers by the academic Staff for College lecturer at Himachal Pradesh University, Shimla in April-May, 2013.

4. Professor H. R. Sharma acted as a resource person in1-week Induction Programme conducted for college lecturers by Government Teachers Education College, Dharamshala on May24, 2013.

5. Professor H. R. Sharma acted as a resource person in service course for PGT (Economics)
   organised by the Principal Kendriya Vidyalaya, Dalhousie between 23-29 May, 2013 on May 28, 2013.
6. Professor H. R. Sharma acted as a resource person in a Workshop on Research Methodology for Research Scholars in Social Sciences organised from 20-29 May, 2013 on May 28, 2013.
7. Professor H. R. Sharma acted as a resource person in 2-week Induction Programme conducted for college lecturers by Government Teachers Education College, Dharamshala on August 30, 2013.
8. Professor H. R. Sharmaacted as a resource person in1-week Induction Programme conducted for college lecturers by Government Teachers Education College, Dharamshala on September 18, 2013.
9. Professor H. R. Sharma acted as a resource person in 1-week Induction Programme conducted for school lecturers in Economics by Government Teachers Education College, Dharamshala on October 11, 2013.
10. Professor H. R. Sharma acted as a resource person in1-week Induction Programme conducted for college lecturers in Economics by Government Teachers Education College, Dharamshala on October 25, 2013.
11. Professor H. R. Sharma acted as a resource person in10 days Research Methodology Workshopfor research scholars organised by School of Education, CUHPfrom12-22 November, 2013 on 15th November, 2013.
12. Professor H. R. Sharmaacted as a resource person in 10 days Faculty Development Programme organised by Department of Supply Chain Management School of Business Management from 12-22 December, 2013 on 16th December, 2013.
13. Professor H. R. Sharma acted as a resource person in10 days Faculty Development Programme organised by Department of Supply &Chain Management, School of Business&Management from 12-22 December, 2013 on 18th December, 2013.
14. Professor H. R. Sharma acted as a resource person in two weeks induction programme organised by Government College Teachers Education College Dharamshala from 16-27 December, 2013 on 18th December, 2013.
15. Professor H. R. Sharma acted as a resource person in two weeks induction programme organisedby Government College Teachers Education College Dharamshala from 16-27 December, 2013 on 20th December, 2013.

AMIT KUMAR BASANTARAY

1. Presented a Paper titled 'Foreign Institutional Investments (FIIs) in India: Trends and its impact on Indian Stock Market'' in the National Seminar on Economic Reforms in India held at Government P.G. College Dharamshala on 8-9 March 2014.
2. Workshop on "Home Stay Scheme in H.P." organised by School of Tourism, Travel and Hospitality Management, Central University of H.P. on 24th September, 2013.

3. Two weeks Workshop on "Research Methods and writing skills in Social Sciences" organised by Institute of Public Enterprise, OU Campus, Hyderabad, A.P., 17-30June 2013.

INDERVIR SINGH

1. Imperfect Information and Contract Enforcement in Rural Credit Market in Punjab, paper presented at International Conference on Rejuvenation of Punjab Economy held at Punjabi University, Patiala on 21-23 March 2014.
2. Compulsory CSR: Good or Bad, paper presented at National Seminar on Economic Reforms in India held at Government P.G. College Dharamshala on 8-9 March 2014. (Written with Kamal Singh).

KAMAL SINGH

1. Organised Retailing in Rural India: Reality or Dream, National Seminar on Economic Reforms in India held at Government P.G. College Dharamshala on 8-9 March 2014. (written with Chaman Lal)
2. Compulsory CSR: Good or Bad, paper presented at National Seminar on Economic Reforms in India held at Government P.G. College Dharamshala on 8-9 March 2014. (written with Indervir Singh).
3. Research Paper entitled "Impact of FDI in Retailing: A study of rural customers and rural retailers" accepted to be presented in International Conference, a joint initiative of Mohan Lal Sukhadia University, Udaipur and Transnational Corporation Review, Canada during 29-30 April, 2014.
4. Workshop on "Home Stay Scheme in H.P." organised by School of Tourism, Travel and Hospitality Management, Central University of H.P. on 24th September, 2013.
5. Two weeks Workshop on "Research Methods and writing skills in Social Sciences" organised by Institute of Public Enterprise, OU Campus , Hyderabad, A.P., 17-30 June 2013.
6. Delivered a Lecture On 'Current Inflation problem of Indian Economy and 'Ballooning Current Account deficit and Implication for Indian Economy' at In-Service Teacher Training Progarmme for School Cadre PGT's /Lecturers (Economics) at Government College of Teacher Education, Dharmshala on 11 October, 2013.

7. Delivered a Lecture On 'Current Economic Issues in Indian Economy' at In-Service Teacher Training Progarmme for College Cadre Associate/ Assistant Professors at Government College of Teacher Education, Dharmshala on 18 December, 2013.

2014-15

PROF. H. R. SHARMA

1. Acted as a Resource Person in 1-week Induction Programme conducted for college lecturers by Teachers Education College, Dharamshala on April 23rd, 2014.

2. Acted as a Resource Person in 2-week Induction Programme conducted for college lecturers by Government Teachers Education College, Dharamshala on August 20, 2014.

3. Invited as a Resource Person to speak on 'Preparation of District Agricultural Plans for Jammu & Kashmir: Some Methodological Issues' on September 4th & 5th, 2014.

4. Acted as a Resource Person in 1-week Orientation Programme conducted for college lecturers by Government Teachers Education College, Dharamshala, November, 2014.

KAMAL SINGH

1. Delivered a Lecture at Training Programme for Induction Training Programme for College Cadre on the Topic "Present State of Indian Economy" at Government College of Teacher Education, Dharmshala on 25-08-2014.

2. Delivered two talks at Induction Training Programme for Newly Appointed/promoted PGTs/Lecturers in Science/Arts/Commerce on the Topic "Current Global Economic Scenario" at Government College of Teacher Education, Dharmshala on 1-12-2014.

3. Delivered Two talks at Induction Training Programme for Newly Appointed/promoted PGTs/Lecturers in Science/Arts/Commerce on the Topic "World Economic Order: Position of India" at Government College of Teacher Education, Dharmshala on 1-12-2014.

2015-16

PROF. H.R. SHARMA

1. Professor H R Sharma acted as a resource person in 1-week Induction Programme conducted for college lecturers by Teachers Education College, Dharamshala wef 15th-23rd June, 2015 on June 22, 2015.

2. Professor H R Sharma acted as a resource person in 1-week Induction Programme conducted for college lecturers by Teachers Education College, Dharamshala wef 15th-23rd June, 2015 on June 22, 2015.

3. Professor H R Sharma acted as a resource person in 10 days ICSSR Research Methodology Workshop organised by CUHP wef 20th-29th August, 2015

4. Professor H R Sharma acted as a resource person in 10 days ICSSR Research Methodology Workshop organised by CUHP wef 20th-29th August, 2015

5. Professor H R Sharma acted as a resource person in 2-week Induction Programme conducted for college lecturers by Teachers Education College, Dharamshala wef 16th-27th November, 2015 on November 23, 2015.

6. Professor H R Sharma acted as a resource person in 2-week Induction Programme conducted for college lecturers by Teachers Education College, Dharamshala wef 16th-27th November, 2015 on November 23, 2015.

7. Professor H R Sharma acted as a resource person in One-week Induction Programme conducted for college lecturers by Teachers Education College, Dharamshala wef February 7th- 13th 2016 on February 12, 2016.

8. Professor H R Sharma acted as a resource person in One-week Induction Programme conducted for college lecturers by Teachers Education College, Dharamshala wef February 7th- 13th 2016 on February 12, 2016.

KAMAL SINGH

1. Delivered a Lecture at Training Programme for Induction Training Programme for College Teachers on the Topic "Present State of Indian Economy and its future prospectus" at Government College of Teacher Education, Dharmshala on 22-06-2015.

2. Delivered Two lectures as resource person in the Induction Training Programme for Assistant Professors with 0-5 years of service (HP Government College Cadre) on the Topic "Latest issues and Trends in Indian Economy and Role of Rural Non farm employment sector in soving the problems related to agriculture sector" at Government College of Teacher Education, Dharmshala on 23-11-2015.

3. Delivered Two lectures as resource person in the Induction Training Programme for Assistant Professors with 0-5 years of service (HP Government College Cadre) on the Topic "Latest issues related to Indian Economy and Rural Non farm employment sector" at Government College of Teacher Education, Dharmshala on 23-02-2016.

4. Presented paper titled " E-tailing in Rural India: Strategic Perspective " at AIB India Chapter Conference held at IIM- Indore held during April 21-23 , 2016.

5. Presented paper titled " Competitveness of Enterprises established in Rural Areas : Insights from Hilly Terrain of India" at AIB India Chapter Conference held at IIM- Indore held during April 21-23 , 2016.

48. Give details of "beyond syllabus scholarly activities" of the department.

The department asks its faculties to give

- Lectures on general topics
- Discussions on important economic events in India (Like Economic Survey, Budget, Monetary Policy etc.)
- Lectures in the recently started School of Social Sciences Lecture Series

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NO

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

    NIL

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

    - **Strengths:**
      - Nurturing students to become competent economists/ researchers having comprehensive understanding of theoretical and empirical issues both in traditional and emerging branches in economics.
      - Offering a mix of courses on economic theory, applied economics, quantitative techniques and field work.
      - Developing basic skills in writing research reports and policy documents to successfully compete in the job market both nationally and internationally.
      - Research focus is on Agrarian studies, wages and employment, growth, and institutional economics.
      - Continuous revision of the syllabus based on the recent trends in teaching of economics and students' feedback.

    - **Weaknesses:**
      - Physical space constraints
      - Shortage of staff
      - Limited external exposure of students
      - Difficulty in getting in-campus placement
      - Constraints on curriculum design due to Weak mathematical and statistical background of students

    - **Opportunities:**
      - The department can attract students from remote areas of HP.
      - It can contribute in the development of an understanding of Himachal Pradesh economy.
      - Under the present choicecredit based system, the department can adopt the best practices of other major departments of the world.
      - With emphasis on theoretical and empirical economics, the department can develop students with more balanced approach.
      - Due to faculty with diverse research interests, the department can provide atmosphere for interdisciplinary research.

    - **Challenges:**
      - To attract good students from other states
      - To improve the mathematical and statistical skills of students
      - Due to the remoteness and poor air connectivity, inviting distinguished speakers become a challenge
      - Attracting reputed companies to recruit our students
      - Poor academic background of students

52. Future plans of the department:

There is a huge scope of improvement in the research as well as teaching outcome of the department. The department must follow a carefully designed strategy to accomplish these objectives. Following are some of the plans to achieve these objectives:

- With the recruitment of faculty and overcoming of physical space constraint in future, the department may offer an undergraduate programme in economics. The programme will provide us more time to solve the problems associated with their mathematical and statistical skills. Thus, the undergraduate course will ensure better trained students for postgraduate programme in economics, which, in turn, will help in improving the quality of postgraduate programme.

- To department is committed to quality research. It is planning to encourage the quality publication in various areas of economics. Over the years, the department will work on developing some research areas as its core specializations. A special emphasis will be placed on interdisciplinary research.

- Recently, a monthly lecture series is started in School of Social Science. With the increase in faculty members and research students, the same practice can be adopted within the department. In addition, the department is also planning to provide a forum to regularly discuss and debate current economic policies.

MA ECONOMICS COURSES (Amended)
Department of Economics and Public Policy
CORE COMPULSORY COURCES

Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Remarks
1	ECN 450	Microeconomics I	4	
2	ECN 520	Microeconomics II	4	
3	ECN 451	Macroeconomics I	4	
4	ECN 521	Macroeconomics II	4	
5	ECN 403	Statistical Methods	4	
6	ECN 453	Development Economics	4	
7	ECN 452	Econometrics I	4	
8	ECN 522	Econometrics II	4	
9	ECN 423	International Economics	4	
10a	ECN 404	Mathematics for Economists	4	Any One #
10b	ECN 523	Mathematical Optimization	4	

Note: # The student who have studied mathematics in their graduation shall opt for ECN 523 and others must opt for ECN 404.

CORE OPEN COURCES
(12 CREDITS)

Group I (Choose 04 credit)				
Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Remarks
1	ECN 499	Dissertation (M. A.)	4	
2	ECN 514	Community Lab for Economics	4	
3	ECN 446	Field Work and Report Writing	4	

Group II(Choose 08 credit)				
S. No.	Course Code	Course Name	Credits	Pre-requisite/ Remarks
1	ECN 501	Mathematical Economics	4	
2	ECN 512	Game Theory	4	
3	ECN 502	History of Economic Thought	4	
4	ECN 455	Research Methodology for Social Sciences	4	
5	ECN 524	Economics of Growth	4	
6	ECN 440	Evolution of Indian Economic System	4	
7	ECN 415	Labour Economics	4	
8	ECN 420	Computer Application for Economists -I	4	
9	ECN 507	Computer application for Economists –II	4	

ELECTIVESPECIALIZATION
(CHOOSE 16 CREDITS FROM ANY ONE GROUP)

Note: A specialization shall only be offered if minimum 10 students have opted for it.

Specialization I: Public Policy				
S. No.	Course Code	Course Name	Credits	Pre-requisite/ Remarks
1	ECN 408	Public Economics	4	
2	ECN 416	Environmental Economics	4	
3	ECN 513	Institutional Economics	4	
4.	ECN 424	Economics and Law	4	

Specialization II: Financial Economics				
S. No.	Course Code	Course Name	Credits	Pre-requisite/ Remarks
1	ECN 539	Monetary Economics	4	
2	ECN 508	Financial & Capital Markets	4	
3	ECN 509	International Financial Institutions	4	
4.	ECN 526	Financial Econometrics	4	
5.	ECN 527	Financial Structures and Economic Development	4	
6.	ECN 540	Financial Economics	4	
7.	ECN 541	Banking and Finance	4	
8.	ECN 542	Banking and Insurance	4	

Specialization III: Industrial Organization				
S. No.	Course Code	Course Name	Credits	Pre-requisite/ Remarks
1	ECN 528	IndustrialOrganization	4	
2	ECN 529	Economics of Regulation and Competition Law	4	
3	ECN 530	Industrial Development in India	4	
4.	ECN 531	Economics of Technological Change	4	

Specialization IV: Agricultural Economics				
S. No.	Course Code	Course Name	Credits	Pre-requisite/ Remarks
1	ECN 532	Agricultural Development	4	
2	ECN 533	Production Economics	4	
3	ECN 534	Agricultural Marketing	4	
4.	ECN 535	Agro-based Industry	2	
5.	ECN 536	Agricultural Finance	2	
6.	ECN 537	Agricultural Value Chain	2	

ELECTIVEOPEN (04 CREDITS)

S. No.	Course Code	Course Name	Credits	Pre-requisite/ Remarks
1	ECN 501	Mathematical Economics	4	
2	ECN 512	Game Theory	4	
3	ECN 409	Money & Banking	4	
4	ECN 502	History of Economic Thought	4	
5	ECN 455	Research Methodology for Social Sciences	4	
6	ECN 454	Economic Analysis using Statistical Packages	2	
7	ECN 524	Economics of Growth	4	
8	ECN 440	Evolution of Indian Economic System	4	
9	ECN 513	Institutional Economics	4	
10	ECN 417	Economics of Health	4	
11	ECN 424	Economics and Law	4	
12	ECN 505	Economics & Financial Services	4	
13	ECN 506	Human & Sustainable Development	4	
14	ECN 509	International Financial Institutions	4	
15	ECN 510	Resource and Environmental Economics	4	
16	ECN 411	Agricultural Economics	4	
17	ECN 412	Industrial Economics	4	
18	ECN 415	Labour Economics	4	
19	ECN 426	Poverty and its Estimation	2	
20	ECN 431	Human Development: Concept & Measurement	2	
21	ECN 523	Mathematical Optimization	4	
22	ECN 538	Probability Theory	4	
23	ECN 401*	Basics of Microeconomics	2	
24	ECN 406*	Basics of Macroeconomics	2	
25	ECN 434*	National Income: Concept and Measurement	2	
26	ECN 444*	Economics of Microfinance	2	
27	ECN 445*	Basic Terms and Concepts in Economics	2	
28	ECN 449*	Issues in Economic Development	2	
29	ECN 519*	Basics of Game Theory	2	
30	ECN 407*	Indian Economic Environment	2	
31	ECN 456*	Basic Statistical and Econometric Techniques	2	
31	ECN 457*	Economics of Values and Ethics	2	

Note: * The courses, ECN 401, ECN 406, ECN 434, ECN 444, ECN 445, ECN 449, ECN 519,ECN 407, ECN 456and ECN 457, willonly be offered to students of other departments.

Department of English & European Languages

1. **Name of the Department:** English & European Languages

2. **Year of Establishment :** 2010

3. **Is the Department part of a School/Faculty of the university?:** Yes

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):** PG; Research Degree Programme (M.Phil. and PhD).

5. **Interdisciplinary programmes and departments involved:** Since inception, we follow Choice-Based-Credit System which gives our students the freedom to choose courses from other schools and departments. In that sense, we encourage participation of students across disciplines.

MA English Language and Literature	
Core Courses: Core Compulsory	
Course	*Title*
EEL 402	History of English Literature
EEL 404	Renaissance
EEL 406	Neo-classicism
EEL 423	Literary Theory from Aristotle to Eliot
EEL 501	Romanticism
EEL 502	Victorianism
EEL 503	Modernism
EEL 504	Post Modernism
EEL 511	Modern Literary Theory
EEL 512	Indian Writing in English
Core Courses: Core Open	
EEL 418	Studying the Canon: Shakespeare
EEL 505	Life Writings
EEL 506	Literature of the Indian Sub-Continent
EEL 507	Popular Culture and Literature
EEL 510	Literature and Religion
EEL 513	World Classics in English Translation
EEL 499	Dissertation
EEL	Community Lab
Elective courses:	
Specialization I: British, American and African Literature	
EEL 434	Twentieth Century British Literature
EEL 433	American Literature
EEL 515	African Literature
EEL 499	Dissertation
Specialization II: Asian, Caribbean, Australian & Canadian Literature	
EEL 426	Asian Literature

EEL 508	Caribbean Literature
EEL 509	Australian Literature
EEL 514	Canadian Literature
EEL 499	Dissertation
Elective Courses (Open)	
EEL 407	World Literature : Concept & Major texts
EEL 408	Literature and Gender : Global Perspectives
EEL 409	Immigrant and Diasporic Writings
EEL 410	Literature and Filmic Representation
EEL 415	Introduction to Comparative Literature
EEL 416	Introduction to Translation Studies
EEL 417	Writings From The Margins
EEL 429	Oral and Folk Narratives
EEL 432	Mystical Literature in English Translation
EEL 441	Science Fiction
Foundation Courses: Skill Development	
EEL 411	Advanced Reading and Comprehension
EEL 412	Academic Writing
EEL 413	Advanced Analytical English
EEL 414	Advanced Oral Communicative Skills in English
Foundation Courses: Human Making	
EEL 417	Writings From The Margins
EEL 438	Short Stories from Around the World
M. Phil/PhD Programme	

6. **Courses in collaboration with other universities, industries, foreign institutions, etc**.: Not yet; but talks are underway to soon offer courses in collaboration with Himachal Pradesh University and Olympic College, USA.

7. **Details of programmes discontinued, if any, with reasons**: NIL

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:** Choice Based Credit System

9. **Participation of the department in the courses offered by other departments:**

Sr. No.	Course Code	Courses Taught	Name of the Department
1.	TTM 502	Business Communication	Travel & Tourism
2.	EEL 111	Functional English	Physics
3.	EEL 110	Functional & Communicative Skills in English	Sanskrit & Pali
4.	EEL 414	Advanced Oral Communicative Skills in English	MBA, Maths, CBB, Social Work, Environmental Sciences, IT, Education, Hindi, Economics, Library Sciences
5.	EEL 412	Academic Writing	Physics, MBA, Maths, CBB, Social Work, Environmental Sciences, IT, Education, Hindi, Economics, Library Sciences
6.	EEL 438	Short Stories from Around the World	CBB, Environmental Sciences, Hindi
7.	EEL 443	Literature, Empathy, and Human Making	Maths, JCW,
8.	EEL 411	Advanced Reading and Comprehension	MBA, IT, Maths, Sociology, JCW

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (Including CAS and MPS)
Professor	1	0	0
Associate Professor	2	1	1
Assistant Professor	4	4	4
Others	0	0	0

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialisation	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Roshan Lal Sharma	PhD	Associate Professor	Indian Writing in English; Literary and	22 .6 years	M. Phil: 11 PhD: 09

			Cultural Theory; American Literature		
Shaweta Nanda	M. Phil	Assistant Professor	--	2 years 5 months	None
Khem Raj Sharma	PhD (English)	Assistant Professor of English	Postcolonial Literatures; Literatures in Translation; Indian Writing in English; Comparative Literature and Translation Studies; Communication and Interpersonal Skills	Nine years	None

(Guiding two PhD students) |
| KBS Krishna | PhD | Assistant Professor | American Literature, Twentieth Century British Fiction, Indian Writing in English Popular Culture and Literature. | 4 years and 4 months | None

(Guiding two PhD students) |
| Hem Raj Bansal | PhD | Assistant Professor | Australian Aboriginal Literature, Diaspora Writings, Postcolonial Literature, Communicative Skills | 5 years | None (Guiding One PhD student |

12. List of Senior Visiting Fellows, adjunct faculty, emeritus professors:
   i) Professor Arlene Plevin, Senior Visiting Fellow
   ii) Professor Jaspal Kaur Singh, Senior Visiting Fellow

13.   Percentage of classes taken by temporary faculty – programme-wise information:

Year	PG	RD
2011	100%	100%
2012	70%	70%

14. **Programme-wise Student Teacher Ratio**

Year	RD Students	PG Students	Student-Teacher Ratio
2011	4	9	5:1 (PG); 2:1 (RD)
2012	0	9	3:1 (PG)
2013	0	9	2:1 (PG)
2014	1	19	4:1 (PG); 1:5 (RD)
2015	6	28	7:1 (PG); 2:1 (RD)

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Name of Post	Filled	Remarks
DEO	1	Temporary
Peon	1	Temporary

16. **Research thrust areas as recognized by major funding agencies**
    i.) Studies of Tribal Language and Literature
    ii.) Comparative Literary Studies
    iii.) Translation Studies
    iv.) Studies of Marginalised Communities

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:**
    NIL

18. **Inter-institutional collaborative projects and associated grants received**
    a) National collaboration   b) International collaboration
    NIL

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:**
    Projects are in the pipeline

20. **Research facility / centre with**
    state recognition
    national recognition
    international recognition

We have state-of-the-art e-journals and e-library, and our researchers have access to EZProxy, which enables them in their research.

21. Special research laboratories sponsored by / created by industry or corporate bodies:
NIL

22. Publications:

Sr. No.	Type of Publications	Published	Accepted	Communicated
1	Reference Books with ISBN No.	1	-	-
2	Text Books with ISBN No.	1	-	-
3	Edited Books with ISBN No.	1	-	-
4	Research Papers in refereed international journals with ISSN NO.	14		
5	Research Papers in refereed national journals with ISSN NO.	13		
6	Papers in other international journals with ISSN NO.	20		
7	Papers in other national journals with ISSN NO.	11		
8	Chapters in edited books with ISBN No.	11	1	1
9	Articles in national magazines/newspapers	1	-	-
10	Articles in regional/local magazines/newspapers	-	-	-
11	Papers presented in International Seminars/ conferences	37	3	-
12	Papers published in proceedings of international seminars / conference	3	-	-
13	Papers presented in national seminars/conferences	17	3	-
14	Papers published in proceedings of national seminars / conference	1	-	-
15	Monographs	-	-	-
16	Citation Index	-	-	-
17	SNIP	-	-	-
18	SJR	-	-	-
19	Impact Factor (range/average)	-	-	-
20	h-index	-	-	-
Important Note: Please furnish details of each publication clearly mentioning the title, co-authors, publisher, journal, volume, issue, impact factor of the articles/papers and year of publication				

23. Details of patents and income generated : NIL

24. Areas of consultancy and income generated: NIL

25. Faculty selected nationally / internationally to visit other laboratories / institutions

industries in India and abroad : NIL

26.   Faculty serving in

Sr. No.	Name of Service	National Committee	International Committee	Editorial Board	Any other
1	Dr Roshan Lal Sharma: *World Journal of Gender and Literature* (*WJGL*)		International		Member, Advisory Board
2	Dr Roshan Lal Sharma: *JELL,* a bi-annual *Journal of English Literature and Language*	National		Associate Editor	
3	Dr Khem Raj Sharma: *Lapis Lazuli: An International Journal* [ISSN: 2249-4529]		International	Co- editor	
4	Dr Khem Raj Sharma: *The Touchstone: An International Refereed Journal of English Literature and Language.* [ISSN: 2347-8799]		International	Member, Advisory Editorial Board	
5	Dr Khem Raj Sharma: *The Aesthetica: A Peer Reviewed Journal of English Language and Literature* [ISSN: 2278-2990]	National		Member, Advisory Editorial Board	
6	Dr Khem Raj Sharma: *The Literary Voyage.* [ISSN: 2348-5272]		International	Member, Advisory Editorial Board	
7	Dr Khem Raj Sharma: *CUHP Chronicle*	National		Staff Editor	
8	Dr KBS Krishna: Spring Magazine	National		Editor in Chief	
9	Dr KBS Krishna: *Golden Line*	National			Advisory Board
10	Dr KBS Krishna: *Horizon Research*		International		Peer Reviewer

	Publishing Corporation, USA				
11	Dr KBS Krishna: *CUHP Chronicle*	National		Editor	

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Sr. No.	Title of the Program	Organising Institution	Date/ Year	No. of weeks	Grade
1.	Ms Shaweta Nanda Attended an Orientation Programme	Centre for Professional Development in Higher Education (CPDHE), UGC-ASC University of Delhi	June 23 to July 19, 2014	4 weeks	A
2.	Dr Khem Raj Sharma Attended an Orientation Programme (OP-116)	UGC-ASC-Shimla	2 June-30 June, 2014	4	A
3.	Dr Khem Raj Sharma Attended a Refresher Course in West Asian Studies (Interdisciplinary)	UGC-ASC-Jamia Millia Islamia	16 Dec. 2014 To 7 January 2015	3	A
4.	Dr KBS Attended the 92nd Orientation Programme	UGC-Academic Staff College, Central University of Hyderabad	11 June -9 July 2015	4	A
5.	Dr Hem Raj Bansal Attended an Orientation Programme (OP-119)	HPU Shimla	22 June-18 July 2015	4	A

28. Student projects

Sr. No.	Supervisor	In-house Projects	Name of Student	Title of Project	Year
1.	Dr Roshan Lal Sharma	MA Dissertation	Ms. Amita Mahajan	Reconstructing History in Manju Jaidka's *Scandal Point*	2013
2.	Dr Roshan Lal Sharma	Community Lab (Project Report)	Ms. Amita Mahajan	Impact of Television Watching on Women of Village Manjhgran	2013

3.	Dr Roshan Lal Sharma	MA Dissertation	Ms. Shikha Thakur	Taslima Nasrin's *Lajja*: A Feminist Reading	2014
4.	Dr Roshan Lal Sharma	MA Dissertation	Mr Amit Kumar	Raja Rao's Vedantic Vision in *On the Ganga Ghat*	2015
5.	Dr Roshan Lal Sharma	MA Dissertation	Mr Ashish Thakur	Symbolism in Walt Whitman's "Song of Myself"	2015
6.	Ms. Shaweta Nanda	MA Dissertation	Ms. Deepika Kumari	Identity and Resistance in Chinua Achebe's *Things Fall Apart*	2013
7.	Ms. Shaweta Nanda	MA Dissertation	Ms. Anupama Kumari	Pain, Resistance and Identity in Omprakash Valmiki's *Joothan*	2013
8.	Ms. Shaweta Nanda	Community Lab	Ms. Anupama Kumari	Impact of Television on Adolescences	2013
9.	Ms. Shaweta Nanda	MA Dissertation	Ms. Archana Choudhary	Analyzing the Law and Religion in Harriet Jacob's *Incidents in the Life of a Slave Girl*	2014
10.	Ms. Shaweta Nanda	MA Dissertation	Ms. Hina Paul	Women, Activism and Construction of Identity in Nadine Gordimer's *My Son's Story*	2014
11.	Dr Khem Raj Sharma	Community Lab (Project Report)	Ms. Konica Pathania	Self-Adjustment and Empowerment of Adolescent Girls: A Study of Manjhgran Area	2013
12.	Dr Khem Raj Sharma	Community Lab (Project Report)	Ms. Himani Sharma	Adjustment of Tibetan Diaspora in Dharamshala	2013
13.	Dr Khem Raj Sharma	MA Dissertation	Ms. Konica Pathania	Theme of Marriage in Shashi Deshpande's *Ships that Pass*	2013
14.	Dr Khem Raj Sharma	MA Dissertation	Ms. Himani Sharma	Memories of the Lost Kingdom: A Study of Dalai Lama's *My Land My People*	2013
15.	Dr Khem Raj Sharma	MA Dissertation	Mr Jaspreet Singh	Dynamics of Caste and Class in Uday Parkash's *The Walls of Delhi*	2014
16.	Dr Khem Raj Sharma	MA Dissertation	Mr Manjeet Singh	Voicing against Discrimination in Om Prakash Valmiki's *Joothan*	2014
17.	Dr Khem Raj	MA	Ms. Kiran	Subjugation of Subalterns in	2015

	Sharma	Dissertation	Bala	Vikas Swarup's *Q & A*	
18.	Dr Khem Raj Sharma	MA Dissertation	Ms. Kumari Nabu	Caste Discrimination and Gender Exploitation in Amitav Ghosh's *Sea of Poppies*	2015
19.	Dr KBS Krishna	M.A. Dissertation	Ms. Neha Sharma	Kant's Retributivism in Fiction: A Study in Cornell Woolrich and Roald Dahl	2013
20.	Dr KBS Krishna	M.A. Dissertation	Mr Mool Raj Sharma	Orientalism in Literature: A Study of Sir Arthur Conan Doyle's *The Sign of Four*	2013
21.	Dr KBS Krishna	M.A. Dissertation	MS. Priya Kharyal	The Dynamics of Inspirational Literature: A Study of Mitch Albom's *Tuesdays with Morrie*	2014
22.	Dr KBS Krishna	M.A. Dissertation	Ms. Nirupa Sen	The Dilemma of Defining Duty: A Study of Kazuo Ishiguro's *The Remains of the Day*	2014
23.	Dr KBS Krishna	M.A. Dissertation	Mr Roshan Nehra	From Bildungsroman to Kunstlerroman: A Study of Ruskin Bond's *The Room on the Roof*	2015
24.	Dr KBS Krishna	M.A. Dissertation	Ms. Shefali Sharma	Illegitimacy and Victorian Property Law: A Study of Wilkie Collins's *No Name*	2015
25.	Dr KBS Krishna	M.A. Dissertation	Mr Surender Kumar	Physiognomy and its Perils: A Study of R.L. Stevenson's *Treasure Island*	2015
26.	Dr KBS Krishna	Community Lab	Ms. Neha Sharma	Effect of MNCs on Clothing Habits	2013
27.	Dr KBS Krishna	Community Lab	Mr Mool Raj Sharma	Factors that influence Food Habits	2013
28.	Dr Hem Raj Bansal	Community Lab	Ms. Rakhi Pathania	A Case Study of the Socio-Economic Status of Rural Women	2013
29.	Dr Hem Raj Bansal	Community Lab	Mr Varun Sharma	Knowledge of English Grammar among Class X Students of Select Government Schools	2013

30.	Dr Hem Raj Bansal	M.A. Dissertation	Ms. Rakhi Pathania	Trauma of Cultural Alienation in Bharati Mukherjee's *The Tiger's Daughter*	2013
31.	Dr Hem Raj Bansal	M.A. Dissertation	Mr Varun Sharma	Dilemma of Human Relationships in U.R. Ananthamurthy's *Bhava*	2013
32.	Dr Hem Raj Bansal	M.A. Dissertation	Ms. Sonam Pathania	Cultural Conflict and Shifting Identities in Baharati Mukherjee's *Desirable Daughters*	2014
33.	Dr Hem Raj Bansal	M.A. Dissertation	Ms. Richa Sharma	Submission, Assertion, Compromise: A Feministic Study of Shashi Deshpande's *That Long Silence*	2014
34.	Dr Hem Raj Bansal	M.A. Dissertation	Ms. Varsha Sharma	Pain, Resistance and Empowerment: A Study of Narendra Jadhav's *Outcaste: A Memoir*	2015
35.	Dr Hem Raj Bansal	M.A. Dissertation	Ms. Tanvi Mahajan	Power, Politics, and Immorality in Vijay Tendulkar's *Ghasiram Kotwal*	2015

29. **Awards / recognitions received at the national and international level by**

Sr. No.		Title of the award/honours/fellowships	Year	Awarding Agency
	Faculty			
1.	Dr Roshan Lal Sharma	Saraswat Samman	2015	Rashtriya Sanskrit Sansthan , Dehara (Kangra)
2.	Dr Roshan Lal Sharma	Award for Excellence in Education	2015	DFA, Kangra
3.	Dr Roshan Lal Sharma	Best Teacher Award	2013	Rotary Club, Dharamshala

30. **Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any**.

Sr. No.	Title of the Seminars/ Conferences/ workshop	National/ International	Date/Year	No. of Days	Sponsoring Agency
1.	Workshop on Creative Writing by Prof. Arlene Plevin, USA.	International	25 August 2015	01	CUHP

2	Two Day Workshop on "Literary Theory" by	National	January 21-22, 2015	02	CUHP
3.	Two Day Workshop on "Book Review" by Dr. Usha Bande	National	April 30 – May 1, 2015	02	CUHP
3.	One Day Seminar on "Decolonizing the Imagination: Learning and Literature in a Hot and Crowded World"	International	June 11, 2015	01	CUHP
3	Creative Writing Workshop by Prof. Arlene Plevin, USA.	International	15 May 2012	1	CUHP & USIEF

31. Code of ethics for research followed by the Department
- Develop guidelines for research
- Utilitarian Research: Research should be beneficial to society
- Research, even when dealing with literary texts of various periods, should be relevant
- Objectivity is of paramount importance
- Understanding of literature is not limited to the texts under purview – but should have a holistic view
- Analytical rather than descriptive
- Non-negotiable Stance on Plagiarism

32. Student profile programme-wise:

S. no.	Year	No of Applications For RD	No of Applications for PG	No of Selected Candidates in RD		No of Selected Candidates in PG		Pass Percentage in RD [course work]		Pass Percentage in PG	
				Male	Female	Male	Female	Male	Female	Male	Female
1.	2010	00	00	00		00		00		00	
2.	2011		173	02	02	02	08 [one left later]	100%	100%	100%	100%
3.	2012		109	0	0	02	08 [one left later]	100%	100%	100%	100%
4.	2013		216	01	0	05 [one left later]	06 [one left later]	100%	100%	100%	100%
5.	2014		201	04	02 [one left later]	07 [one left]	15 [2 left later]	100%	100%	100%	100%
6.	2015		294								

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students From universities outside the State	% of students from other countries
MA	0	90.5	9.5	0
RD	0	73	27	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

S.no.	Name of Student	Name of Exam	Year of Passing	Remarks
1.	Mr Ashish Kumar	NET	2014	
2.	Mr Anil Singhal	NET	2014	
3.	Mr Yash Pal Rohilla	NET	2012	
4.	Mr Harnaam Singh	NET	2014, 2015	

35. Student progression:

CUHP has a policy against in-breeding; so, it does not encourage PG students pursuing research in the parent institute

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	**It is based on an open entrance exam called TREAT (The Research Aptitude Test) followed by an interview**
Ph.D. to Post-Doctoral	Nil
Employed ☐ Campus selection ☐ Other than campus recruitment	07 (Other than campus recruitment)
Entrepreneurs	Nil

36. Diversity of staff

Percentage of Faculty who are graduate	
Of the same university	0
From other universities within the state	60
From universities outside the state	40
From universities outside the country	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: 01PhD (Hem Raj Bansal)

38. Present details of departmental infrastructural facilities with regard to

Library: We have centralised library and e-resources. Students and faculty are facilitated with EzyProxy, and hence are able to utilize quality resources everywhere.

Internet facilities for staff and students: The students are provided Wi-Fi access, and the faculty are provided with desktops and laptops

Total number of class rooms: Classrooms are allotted and are made available as per requirement.

a) Class rooms with ICT facility: ALL

b) Students' laboratories: Soon we will have a language laboratory

c) Research laboratories**:**

39. List of doctoral, post-doctoral students and Research Associates:

from the host institution/university NIL

from other institutions/universities

S No	Name	Programme of Study	Year of Enrolment
1.	Ms. Kalyani Hazri	RD	2011
2.	Ms. Kanupriya	RD	2011
3.	Mr Anil Singhal	RD	2011
3.	Mr Yash Pal Rohilla	RD	2011
4.	Mr Asish Malik	RD	2014
5.	Mr Suman Sharma	RD	2015
6.	Mr Prateek Deswal	RD	2015
7.	Ms. Ritu	RD	2015
8.	Mr Harnam Singh	RD	2015
9.	Ms. Arti	RD	2015
10.	Mr Suresh Kumar	RD	2015

40. **Number of post graduate students getting financial assistance from the university**:

Sr. No.	Name of the Student	Course Name	Remarks
School of Humanities & Languages			

Sr. No.	Name of the Student	Course Name	Remarks
School of Humanities & Languages			
Department of English & European Languages			
Academic Session 2012-13			
1	Ms. Anupma	MA English – III Sem.	Full Freeship
2	Ms. Rakhi Pathania	MA English – III Sem.	Full Freeship
3	Mr Jaspreet	MA English – I Sem.	Full Freeship
4	Mr Archna	MA English – I Sem.	Full Freeship
Academic Session 2013-14			
1	Mr Roshan Lal	MA English – I Sem.	Full Freeship
2	Mr Jaspreet Singh	MA English – III Sem.	Full Freeship
3	Mr Surender Kumar	MA English – I Sem.	Full Freeship
Academic Session 2014-15			
1	Ms. Anita Sharma	MA English – I Sem.	Full Freeship
2	Mr Surender Kumar	MA English – III Sem.	Full Freeship
3	Mr Roshan Lal	MA English – III Sem.	Full Freeship
4	Ms. Kavita	MA English – I Sem.	Full Freeship
5	Ms. Niveta Nagpal	MA English – I Sem.	Full Freeship

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**
- We have brainstorming exercises before introducing new courses.
- Programmes and courses are designed keeping in view the National Policy on Education and UGC Guidelines and national needs.
- As per requirement, programmes are introduced - -and currently discussions are underway to introduce MA in Linguistics, Cultural Studies, and English Language Education.

42. **Does the department obtain feedback from**

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? : During regular departmental meetings feedback is taken, and this is sent to the Board of Studies, and the changes suggested are incorporated.

Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? : Students are encouraged to share their opinions on faculty, course contents, and programme at the end of each semester. The faculty are given individual as well as collective feedback. During departmental meetings, the feedback is analysed, and action is taken accordingly.

Alumni and employers on the programmes offered and how does the

department utilize the feedback? : An alumni meeting is organised, and feedback is collected. During departmental meetings, the feedback is analysed, and is taken accordingly. Similarly, letters are sent to the employers of the alumni, and feedback is invited from them regarding their efficiency and work-culture. The feedback is acted upon as per need and usefulness.

43. **List the distinguished alumni of the department**
    1. Kalyani Hazri, Assistant Professor-Manav Bharti University, Solan
    2. Konica Pathania, Assistant Professor-Dronacharya College of Education, Rait
    3. Varun Sharma, Lecturer Govt. Sr. Sec. School, Delhi

44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

Sr. No.	Title of the Seminars/ Conferences/ workshop	National/ International	Date/Year	No. of Days	Sponsoring Agency
1	Invited Lecture by Professor Manju Jaidka on "Metanarratives"	National	17 July 2014.	1	CUHP
2	Invited Lecture by Professor Chandra Mohan on "Recent Trends in Literature and Research"	National	6 June 2014	1	CUHP
3	Invited Lecture by Professor Gurupadesh Singh, Department of English, GNDU, Amritsar	National	15 October 2013	1	CUHP
4	Invited Lecture by Professor Anil Raina, Dept. of English and Cultural Studies, Panjab University, Chandigarh on on "Author in Literary Theory".	National	October 15, 2013	1	CUHP
5	Invited Lecture by Professor Harish C. Narang, Formerly Head, Department of English, JNU, New Delhi on "Ethics in Writing, Teaching and Research."	National	October 29, 2013	1	CUHP
6	Invited Talk by Professor Arlene Plevin, Department of English, Olympic College, Bremerton, Washington State (U.S.) on	International	November 25, 2013	1	CUHP

	"Creativity, Compassion, Kindness, Culture, Ideology, and Activism" under IN CONVERSATION SERIES . . .				
7	Interaction with Prof. Jaspal Kaur Singh from Northern Michigan State University, at Marquette, USA.	International	November 6, 2012	1	CUHP

45. **List the teaching methods adopted by the faculty for different programmes.**
   - Traditional Method
   - Lecture Method
   - Interactive Method
   - Use of ICT
   - Classroom Seminar
   - Quiz

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**
   - Continuous evaluation system
   - HOD meeting students mid-semester

47. **Highlight the participation of students and faculty in extension activities.**
   - Community Lab: By including this in the curriculum, students are encouraged and enabled to move out of classrooms and interact with the community of which they are a part. This results in students understanding society, and combating social ills.
   - Swachch Bharat Abiyaan
   - Adopting Villages

48. **Give details of "beyond syllabus scholarly activities" of the department.**
   - **Lectures Delivered**

Dr Roshan Lal Sharma

Sr. No.	Topic of the Lecture	Institution	Date	Nature of Audience
1.	Literary Appreciation	RPD College, Belgaum, Karnataka	9.9.2015	PG & UG Students
2.	Issues and Challenges in Higher Education	IQAC, RPD College, Belgaum, Karnataka	9.9.2015	Principal and Faculty of RPD College and other colleges in Belgaum

3.	One Day National Seminar on "Role of Human Resource in Economic Development"	MCM DAV College Kangra	April 11, 2015	MCM DAV College Kangra
4.	Two-Day National Workshop on Writing Research Paper	Department of Teacher Education, School of Education, CUHP	19 December 2014	CUHP
5.	Literary Theory Today" and "East-West Interliterariness"	Government PG College, Solan	2 April 2015	Government PG College, Solan
6.	"UGC Parametres for Quality in Higher Education: A Critical Perspective"	SCERT, Solan	14-3-2015	SCERT, Solan
7.	"UGC Guidelines for API Score: Indicators for Quality Assessment" and "UGC Guidelines for API Score: Performance of teachers"	SCERT, Solan	13-2-2015	SCERT, Solan
8.	"Role of language in Effective Teaching and Effective management"	Faculty Development Programme organized by Himachal Technical University at Hamirpur	7 November 2014	Himachal Technical University at Hamirpur
9.	Two lectures delivered during Two Weeks Induction Programme for College Lecturers	GCTE, Dharamshala (HP)	August 28, 2014	GCTE, Dharamshala (HP)
10.	"Importance of Communation Today" in the Inaugral Ceremony	Dronacharya College of Education, Rait, Dist. Kangra (HP)	26th June 2014	Dronacharya College of Education, Rait, Dist. Kangra (HP)
11.	Three Lectures on "Relevance of Communication Skills in Contemporary Times;" "Key Strategies to Learn and Teach Communication Skills" and "Importance of Role Play and Group Activities in Inculcating LSRW Skills in the Students at Undergraduate and Post-graduate Levels" during Workshop on Key Competencies for Effective Communication	Dronacharya College of Education, Rait, Dist. Kangra (HP)	May 03, 2014	Dronacharya College of Education, Rait, Dist. Kangra (HP)

12.	Ethics in Teaching," to Associate Professors (College Cadre)	GCTE, Dharamshala	April 25, 2014	GCTE, Dharamshala
13.	"Relevance of Literature in the Crisis of the Present Context" and "Importance of Communications in the Era of interdisciplinary" Two lectures on "Literature and Society" and "Communication, Pedagogy and Learner's Space" during Two Week Induction Programme for College Lecturers	GCTE, Dharamshala (HP)	January 25, 2013	GCTE, Dharamshala (HP)
14.	"Communication Skills and the Teacher" during Two Weeks Induction Programme for College Lecturers	GCTE, Dharamshala (HP)	January 2, 2013	GCTE, Dharamshala (HP)
15.	Valedictory Address in a National Seminar on 'Role of Print, Electronic and Social Media in Society'	GGDSD College, Rajpura (Palampur, HP)	December 8, 2012	GGDSD College, Rajpura (Palampur, HP)
16.	Two lectures on "Interdisciplinarity" and "API in the Context of Quality Assurance in Higher Education"	SCERT, Solan (HP)	December 15, 2012	SCERT, Solan (HP)
17.	"Pedagogical Purview of Communication Skills" to college lecturers	GCTE, Dharamshala (HP)	May 2, 2012	GCTE, Dharamshala (HP)

Dr Khem Raj Sharma

Sr. No.	Topic of the Lecture	Institution	Date	Nature of Audience
1.	Personality Development	Rajiv Gandhi Engineering College, Kangra, at Nagrota Bagwan (HP)	May 27, 2015	six –day workshop on "Youth Employability, Leadership and Personality
2	Effective Communication Skills	-Do-	-Do-	-Do-

Dr KBS Krishna

Sr. No.	Topic of the Lecture	Institution	Date	Nature of Audience
1.	Poetry of Robert Browning	Post Graduate Depat of English, JCDAV College, Dasuya	October 14, 2015	Post Graduate students

- **Papers Presented – along with titles**

Dr Roshan Lal Sharma

Sr. No.	Title of the Seminars/ Conferences/ workshop	National/ International	Organising Institution	Date/ Year	No. of Days	Sponsoring agency
1.	Delivered a Key Note address on "Envisioning the Idea of India: Issues of Contestation and Representation in Post-colonial Indian English Literature;" chaired a Plenary Session	National	RPD Arts and Commerce College, Belgaum, Karnataka	8/9/2015	01	UGC
2.	Proposed and moderated panel on "Indo-American Transactions: A Two-Way Street;" presented a paper on "Indo-American Transactions: Emersonian and Whitmanesque Engagement with Indian Thought;" and moderated/chaired a session during IASA 7th World Congress and ASAK 50th International Congress at Seoul	International	National University, Seoul, South Korea	17-19 August 2015.	3	IASA and ASAK
3.	Spoke as an invited speaker in a Panel Discussion on "Challenges in Humanizing the English Language Teaching" during an International Conference on English Language & Literature—A Tool for Humanizing	International	Lingaya's University Faridabad	23 & 24 February 2015	2	Lingaya's University, Faridabad

	(ELLATH-2015)					
4.	Presented a paper on "Innovative and Creative Entrepreneurial Leadership in the Age of Global Recession"11th PCMA International Business Conference	International	Multani Mal Modi College, Patiala	7-8 November, 2014	2	Multani Mal Modi College, Patiala
5.	Spoke on "Role of Extension Activities and Outreach Programmes in Leading to Quality Improvement" in ICSSR sponsored International Seminar on Striving for Excellence in Institutions of Higher Education	International	Trisha PG College of Education, Hamirpur (HP)	8-9 November 2014	2	ICSSR
6.	Presented a paper on "Is Translation an Impossibility?: Issues of Translatability in Translating S. R. Harnot's Story 'Daarosh'" during an International Conference on Literary Translation: Theory and Practice	International	Department of English, University of Rajasthan, Jaipur & The Shakespeare Association, India	4-6 December 2014	3	Department of English, University of Rajasthan, Jaipur & The Shakespeare Association, India
7.	Presented a paper on "Translation as Cultural Transaction: Issues of Untranslatability in Translating Contemporary Hindi Poetry into English" during International Conference on Cross Cultural Nuances (ICCN-14)	International	KMV, Jalandhar, Panjab	30-31 October 2014	2	KMV, Jalandhar, Panjab
8.	Presented a paper on "The Politics of Telling the Tale Telling" during Melus-Melow 2013 International Conference on 'Patterns of Story Telling: Traditions, Innovations,	International	Melus-Melow, Chandigarh	February 8-10, 2013	3	Melus-Melow

	Visions and Revisions'					
9	Presented a paper on "Theorising Discourse" during an International Conference on 'English Language and Literary Studies	International	Hans Raj Mahila Mahavidyalya, Jalandhar	March 9-10, 2012	2	Hans Raj Mahila Mahavidyalya, Jalandhar
10	Participated as a delegate in an International Conference on The Republic in Shakespeare	International	University of Jammu	16-18 OCT, 2013	3	Shakespeare Association
10	Presented a paper on "Postfeminism, Cyberfeminism and Cyberpostfeminism" during a UGC sponsored Two-Day Seminar on Feminist Transitions, and also chaired a session	National	SMVDU, Katra	24-25 March, 2014	2	UGC
11	Presented a paper on "Walt Whitman and the pursuit of the sacred: A Sufic Analysis" during a Three-day National seminar on Literature and the sacred, and also chaired a session	National	Dept. of English University of Kashmir, Srinagar	March 17-19, 2014	3	University of Kashmir, Srinagar
12.	"Problematizing Transgression in the Context of U. R. Anantha Murthy's *Samaskara*" during a UGC sponsored National Seminar on 'Literature and Ethics: Paradigms and Practice' and also chaired a session	National	University of Kashmir	18-20 March 2013	3	UGC
13.	Presented a paper on "Rabindranath Tagore's 'A Wife's Letter' as a Space for Gendered Contestation" in a National seminar on 'Relevance of Tagore in Contemporary India'	National	Centre for Research in Rural and Industrial Development (CRRID), Chandigarh	April 23-24, 2012	2	Centre for Research in Rural and Industrial Development (CRRID), Chandigarh

Ms Shaweta Nanda

Sr. No.	Title of the Seminars/ Conferences/ workshop	National/ International	Organising Institution	Date/ Year	No. of Days	Sponsoring agency
1.	UGC National Seminar Indian Literatures in Translation. Paper title: 'Her story': Uncovering Women's Hidden Experience of the Partition through Literatures in Translation	National	Guru Nanak Khalsa College, Haryana	10th and 11th February, 2012	2	University Grants Commission
2.	UGC National Seminar *Voicing the Silence: Redefining English Literary Studies* Paper title: "Talking Back": Breaking the Silence and Reclaiming Black Female Voice and Identity."	National	*Mata Jijabai Govt P.G. Girls College,* Indore	17-18th February, 2012	2	University Grants Commission
3.	UGC and I.C.S.S.R sponsored National Seminar on Redefining Nation through Translating Bhasha Literatures Paper Title: "Voicing the Margins"	National	D.A.V College Dehradhun	18-19March, 2012	2	U.G.C and I.C.S.S.R

4.	National Conference on Quest for Identity in English Literature	National	Department of Humanities and Management, Manav Rachna International University	30th November, 2013	1	
5.	Minority Discourses Across Cultures Organized Paper title: "Re-claiming the Mammy: Racial, Sexual and Class Politics Behind "Mammification" of Black Women"	International	Central University of Rajasthan and Comparative Literature Association of India	26-28 Feb. 2012	3	
6.	UGC Sponsored International Conference on Myth and Cult in Literature . Paper Title: Listening the Unheeded: Women Appropriating and Re telling Myths of Maddened Cassandra	International	Department of English, St. Andrew's College, Mumbai	27- 28 September, 2012	2	U.G.C
7.	International Conference Negotiating Margins: African American & Dalit Writings Paper Title: Female Voice, Body and Identity in the Works of African American and Dalit Women	International	Osmania University Centre for International Programmes, Hyderabad	17 – 19 December 2012	3	Indian Council of Social Science Research, New Delhi and Osmania Centre for International Programme

						s
	Writer and Artists					
8.	International conference on Bakhtin in India: Exploring the Dialogic Potential in Self, Culture and History Paper Titles: "'Herstory': Reading Indian Epics from Women's Perspective"	International	Forum for Contemporary Theory, Vadodra in association with Central University of Gujrat,Gandhinagar	August 19- 21, 2013	3	
9.	The Seventh Biennial International Conference on Indo- Australian Relations Paper Titles: "Philomela Speaks! Indian Dalit and Aboriginal Women Writers Challenging and Destabilizing the Center (s)"	International	IASA in association with Jawaharlal Nehru University and University of Kerala, Thiruvananthapuram,	January 23-25, 2014	3	
10.	Margins, Globalization and the Postcolonial Paper Titles: "Invisible People/Citizens: Re-Engaging with Sexual Minority in India"	International	Indian Association of Commonwealth Literature and Language Studies in India and Panjab University, Chandigarh	February 20-22, 2014	2	

Dr Khem Raj Sharma

Sr. No.	Title of the Seminars/ Conferences/ workshop	National/ International	Organising Institution	Date/ Year	No. of Days	Sponsoring agency
1.	Presented a paper titled "Freedom of Tibet, Issues of Homeland and Human Rights: Hypocrisy of Global Powers." In International Conference on "Peace, Justice and Development,"	International	CUHP	10-12 Sept 2011	3	International Sociological Association and the Central University of Himachal Pradesh, Dharamshala
2.	Presented a paper titled "Subalternity and Colonial Politics in Shakespeare's *The Tempest*." in UGC sponsored International Seminar on "Subalterns in Shakespeare— A Post-postcolonial Scrutiny"	International	St. Bede's College, Shimla	22-24 Sept 2011	3	UGC
3.	Presented a paper titled "Sibling Agony in Polyandry: A Critical Study of the Himachali Short Story 'Mitsav'," in International Conference on "English Language and Literary Studies"	International	Hans Raj Mahila Maha Vidyalaya, Jallandhar, Punjab	9-10 March 2012	2	Hans Raj Mahila Maha Vidyalaya, Jallandhar
4.	Presented a paper titled "Narrative Complexity in Emma Donoghue's *Room*," in MELUS-MELOW International Conference on "Patterns of Story Telling: Traditions, Innovations, Visions and Revisions"	International	Panjab University, Chandigarh	8-10 February 2013	3	MELUS-MELOW
5.	Presented a paper titled "Revisiting the Notion of Republic in Shakespeare's *Julius Caesar* and *Antony*	International	University of Jammu	16-18 October 2013	3	Shakespeare Association

	and Cleopatra," in International Seminar on "The Republic in Shakespeare"					
6.	Presented a paper titled "'Un-saddling' Dalit Identity: Cry of a Muzzled Voice for Recognition in S. R. Harnot's "The Saddle'", in International Conference on "Dalit Literature and Historiography"	International	Jamia Millia Islamia, New Delhi,	19-21 December 2013	3	Sahitya Academy & Indian Council of Social Science Research
7.	Presented a paper titled "The Virtual vs. Real Freedom: Problematizing the Dalai Lama's *Freedom in Exile* in the Age of Information Technology," in 13th International MELOW Conference on "In a Wired World: Literature in the Age of Information Technology"	International	University of Jammu	21-23 February 2014	3	MELUS-India, MELOW
8.	Presented a paper titled "Home is where the Hate is: Exile, Pain and Resistance in Rahul Pandita's *Our Moon Has Blood Clots*," in International Conference on "Cross Cultural Nuances"	International	Kanya Maha Vidyalaya, Jalandhar	30-31 October 2014	2	Kanya Maha Vidyalaya, Jalandhar
9.	Presented a paper titled "Rephrasing the Tibetans' *Koan*: Shadows of Memory in Sharad P. Paul's *To Kill a Snow Dragonfly*," in International Conference on "Postcolonial Literature"	International	O. P. Jindal , Global University , Sonipat (HR)	28-30 January 2015	3	Indian Society for Commonwealth Studies and O. P. Jindal , Global University, Sonipat (HR)
10.	Presented a paper titled "Manifestation of Secular Divinity: Swami	International	Rayat-Bahra Institute of	6-7 February	2	Rayat-Bahra Institute of Engineering &

	Vivekananda and the Fourteenth Dalai Lama," in PTU sponsored International Conference on "Arise, Awake and Stop Not: Reflections on Swami Vivekananda's Global Thought		Engineering & Nano Technology, Hoshiarpur (Pb.)	2015		Nano Technology, Hoshiarpur (Pb.)
11.	Presented a paper titled "'What's in a Name': Politics of Censorship and Literary Voice in Lindsey Collen's *The Rape of Sita*" in 14th MELOW International Conference on "Damn the Book, Gag the Voice: Literature and Censorship,"	International	MELUS-India/MELOW held in Chandigarh	20-22 February 2015	3	MELUS-India/MELOW
12.	Presented a paper titled "Subversion of Patriarchal Norms in Rabindernath Tagore's *Chitra*," in the seminar-cum-workshop "in seminar-cum-workshop "in commemoration of the 150th Birth Anniversary of Rabindernath Tagore"	National	Centre for Research in Rural and Industrial Development (CRRID), Chandigarh	23-24 April 2012	2	Centre for Research in Rural and Industrial Development (CRRID), Chandigarh
13.	Presented a paper titled "Decoding the Enigmas of Marital Ethics in Shashi Deshpande's *Ships That Pass*," in National Seminar on "Literature and Ethics: Paradigms and Practice"	National	Department of English, University of Kashmir	18-20 March, 2013	3	University of Kashmir
14.	Presented a paper titled "Violent Experiences, Varied Expressions: A Critique of Toni Morrison's *Home*" in National Seminar on "Contextualizing and Reorienting Violence and its Spaces in a Postmodern,	National	Lovely Professional University, Punjab	7 December 2013	1	Lovely Professional University, Punjab

						Globalized World Order"					
15.	Presented a paper titled "Atypical Mother's Love: A Challenge to Racism and Patriarchy in Toni Morrison's *Beloved* and Emma Donoghue's *Room*", in UGC sponsored National Seminar on "Feminist Transitions"	National	Shri Mata Vaishno Devi University, Katra, Jammu	24-25 March 2014	2	UGC
16	Presented a paper titled "The Question of Belonging: Postcolonial Predilections in Tibetan Diaspora," in National Seminar on "Postcolonial Literature: Reconsideration"	National	Babu Anant Ram Janta College, Kaul (HR)	March 25, 2015	1	Directorate of Higher Education, Panchkula (HR)
17.	Presented a paper titled "Concept of *Ardhnarishwara* in Select Shiv Lores of Himachal Pradesh," in Regional Seminar on "Involving Men for Gender Justice"	Regional	YWCA Shimla	1 & 2 November 2014	2	Jagori Rural, YWCA Shimla and MenEngage

Dr KBS Krishna

Sr. No.	Title of the Seminars/ Conferences/ workshop	National/ International	Organising Institution	Date/ Year	No. of Days	Sponsoring Agency
1.	Presented a paper titled "Huckleberry Finn as Social Satire" at English Language and Literature	International	International Academic and Industrial Research Solutions, Hyderabad	July 6-7, 2013	2	International Academic and Industrial Research Solutions
2.	Presented a Paper Titled "The Divine Right of Caliban" at The Republic in Shakespeare	International	University of Jammu	16-18 October 2013	3	Shakespeare Association, India
3.	Presented a Paper Titled "How does Sherlock	International	University of Jammu,	21-23 Februa	3	MELUS-India/MELOW

	Holmes Look?" at the 13th MELUS-India/MELOW conference on 'In a Wired World: Literature in the Age of Information Technology'		MELUS-India/MELOW	ry 2014		
4.	Presented a Paper Titled "Why Retributive Theory is Still Popular?: A Study of Recent Crime Fiction" at XVII Forum on Contemporary Theory Conference	International	Forum on Contemporary Theory and International Lincoln Centre for America Studies, Louisiana State University, Sherveport, USA	21-24 December 2014	4	Forum on Contemporary Theory and International Lincoln Centre for America Studies, Louisiana State University, Sherveport, USA
5.	Presented a Paper Titled "Why India needs Industries?: The Swami and the Steel Factory" at Arise, Awake and Stop Not: Reflections on Swami Vivekananda's Global Thought	International	Rayat-Bahra Institute of Engineering and Nano-Technology, Hoshiarpur, Punjab	6-7 February 2015	2	PTU
6.	Presented a Paper Titled "Should Children read Sherlock Holmes?: Issues and Challenges while considering Detective Fiction as Children's Literature'" at 14th MELUS- India/MELOW conference on 'Literature and Censorship'	International	MELUS-India/MELOW	20-22 February 2015	3	MELUS-India/MELOW
7.	Presented a Paper Titled "Kim's Modern Education: Kipling the Zealot" at Yeats and	International	Department of English, Bharati College, Delhi,	14-18 March 2015	4	Department of English, Bharati College, Delhi, Oberoi Cecil,

	Kipling: Retrospectives and Perspectives		Oberoi Cecil, Shimla, Department of English, Saurashtra University, Rajkot			Shimla, Department of English, Saurashtra University, Rajkot
8.	Presented a Paper Titled "Way out of Vicious Cities: A Critique of Ross Macdonald's *Find a Victim*" at Crime and Literature	International	Department of Germanic and Romance Studies, University of Delhi	12-14 March 2015	2	Department of Germanic and Romance Studies, University of Delhi
9.	Presented a Paper Titled "Are Artists Outcastes?: Identity Crisis in Thomas Hardy's *The Well Beloved*" at Quest for Identity in English Literature	National	Department of Humanities, Manav Rachna International University, Faridabad	30 November 2013	1	Department of Humanities, Manav Rachna International University, Faridabad
10.	Presented a Paper Titled "From Shock and Awe to Horror and Terror: The Supernatural Journey of Ram Gopal Varma" at Tappings from Outside: The Supernatural in Literature and Films	National	St. George's College Aruvithura, Kerala	19-20 August 2015	2	UGC

Dr Hem Raj Bansal

Sr. No.	Title of the Seminars/ Conferences/ workshop	National/ International	Organising Institution	Date/ Year	No. of Days	Sponsoring Agency
1.	"Articulating Silence: Female Oppression and Assertion in Jack Davis's Two Plays" at "Gender in National Culture: Australia and India"	International	Centre for Australian and New Zealand Studies	Dec. 12-13, 2012	2	Centre for Australian and New Zealand Studies
2.	Presented a Paper titled "Subversion of the Divine Right of Kings in *Richard II*"	International	University of Jammu	October 16-18,	3	University of Jammu

	at The Idea of Republic in Shakespeare			2013		
3.	Presented a Paper titled "Violence as a Means of Dehumanization in the Select Plays of Vijay Tendulkar", at Contextualizing and Reorienting Violence and its Spaces in a Postmodern, Globalized World Order	National	Lovely Professional University	December 7, 2013	1	Lovely Professional University
4.	Presented a Paper titled "Memory as a Site of Pain, Resistance and Reclamation in Sally Morgan's *My Place* and Baby Kamble's *The Prisons We Broke",* at (Auto) Biography: Strategies of Writing the Self	International	Himachal Pradesh University	March 31, 2014	1	Himachal Pradesh University
5.	Presented a paper entitled "Choices: Marginalised Mental/Physical Spaces in Chitra Banerjee Divakaruni's *Arranged Marriage"* at "Cultural Nuances"	International	KMV Jalandhar	October 30-31, 2014	2	KMV Jalandhar

- **Papers published**

Dr Roshan Lal Sharma

BOOKS: 3

a) Reference Books Co-authored: 01

1. Som P. Ranchan: Dialogue Epic in Indian English Poetry (co-authored) New Delhi; Pencraft International, 2012.

b) Edited: 01

1. Edited with Critical Introduction *Rustic Tales* by Som Ranchan. Gurgaon: The Poetry Society of India, 2014.

c) Co-edited: 01

1. *The Curtain Raised* (Text Book, HPU). New Delhi: Orient BlackSwan, 2013.

RESEARCH PAPERS IN REFEREED INTERNATIONAL JOURNALS: 07

1.	"On/ Beyond the Precipice: Envisioning Literature in the Age of New Media Multiplicity" *Melus-Melow Journal* 4 (Aug. 2014): 21-29. Print. [ISSN: 2249-4839]
2.	"Technocriticism and the Changing Contours of Literary Text/ Narrative: A Theoretical Overview." *Lapis Lazuli: An International Literary Journal* 4.1 (Spring 2014):1-11. Web. Pintersociety.com. [ISSN: 2249-4529]
3.	"Theorizing Transgression in the Context of U. R. Anantha Murthy's *Samskara*." *Journal of Higher Education and Research* Society (*JHERS*-A Refereed International Journal) 1.2 (Apr. 2014). Web.[ISSN: 2321-9432]
4.	"Violence and the Ethics of Fictional Representation: A Reading of J. M. Coetzee's *Dusklands*" (co-authored with Namrata Tiku). *The Touchstone: An International Refereed Journal of English Literature and Language* 1.1 (Jan. 2014). [ISSN: 2347-8799]
5.	"The Subversion of History and Myth in Gabriel Garcia Marquez's *The Autumn of the Patriarch*." *Melus-Melow Journal* 3 (Aug. 2013): 8-13. Print. [ISSN: 2249-4839]
6.	"The Fluidity of Locale: Negotiating the Notion of Nation in Salman Rushdie's *Shalimar the Clown*." *Labyrinth: An International Refereed Journal of Postmodern Studies* 4.3 (Jul. 2013). 65-74. Print. [ISSN:0976-0814]
7.	"Media Invasion of Folk Consciousness: Rethinking Folk Theatre in Himachal Pradesh with Special Reference to *Karyala* in the Context of New Media Ecology", *Indraprastha—An International Journal of Culture & Communication Studies* I.1 (2012): 61-70. [ISSN: 2278:7208]

RESEARCH PAPERS IN REFEREED NATIONAL JOURNALS: 01

1.	"The Sufic Concept of *Wahadat al-wujud*: Revisioning Whitman's 'A Persian Lession' and 'Song of Myself'" *The Aesthetica*: *A Peer Reviewed Journal of English Language and Literature*. 2.1 (Summer 2013): 5-12. Print. [ISSN: 2278-2290]

CHAPTERS PUBLISHED IN BOOKS: 01

1.	"Rabindranath Tagore's 'A Wife's Letter' as a Space for Gendered Contestation". *Relevance of Tagore in Contemporary India.* Ed. Krishan Chand. Chandigarh: Centre for Research in Rural and Industrial Development (CRRID), 2013.

PAPER PUBLISHED IN PROCEEDINGS of International Conference: 01

1.	"Theorizing Discourse: A Conceptual Overview." Conference Proceedings of the International Conference on *English Language and Literary Studies.* Ed. Ramnita Saini Sharda. Jalandhar: Uttam Publishers, 2012. 187-190. [ISBN: 978-81-923858-0-8]

PAPER PUBLISHED IN PROCEEDINGS of National Seminar: 01

1.	"A Shift in Contemporary Indian English Poetry: Som P. Ranchan's *Baha 'u' llah: A Talkathon*". A Compendium of papers presented in National Seminar on Indian Writing in English: Shifting Paradigms. Eds., Veena Sharma et al. Ludhiana: GNW. 45-64.

PAPERS IN PRESS/ ACCEPTED FOR PUBLICATION: 01

1. "Buddha's 'smile of simultaneousness' vis-à-vis Concepts of Fixity and Flux: A Study of Quest Motif in Hermann Hesse's *Siddhartha*" in the process of publication by Indian Institute of Advanced Study, Shimla.

Ms Shaweta Nanda

Chapter(S) in Books:

1. "Voicing the Margins: 'Re-Viewing' Partition through Literatures in Translation." *Nation Translation and Bhasha Literatures.* Ed. Harbir Singh Randhawa. New Delhi: Sarup Book Publishers, 2013. 31-39. ISBN- 978-81-7625-908-8. Print.

2. "Re defining the "Margins": Female Voice, Body and Identity in the Works of African American and Dalit Women Writers and Artists". *Negotiating Margins: African American and Dalit Writings.* Ed. A. Karunakar. Delhi: Prestige Books, 2014. ISBN 9789382196. Print.

3. "Re-claiming the Mammy: Racial, Sexual and Class Politics Behind "Mammification" of Black Women". *Discoursing Minority: In-Text and Co-Text.* New Delhi: Rawat Publications, to be released in March 2014. (Accepted for Publication). Print.

Research Papers in Literary Journals:

1. ""Mary Wollstonecraft (s)': Tracing Mary Wollstonecraft's Journey from the Margins to the Center of Literary Discourse." *Research Discourse: An International Refereed Research Journal.* ISSN 2277-2014 Vol III. No.2. (April- June 2013). 85-91. Print. (Published by South Asia Research and Development Institute Varanasi, India.)

2. "Edward Carpenter and Sigmund Freud's contribution to the Concept of 'Alternate' Sexualities." *Aawartan: A Quarterly Bilingual Journal of Academic Activities in Social Sciences, Environment and Literary Arena.* ISSN: 2320-3544 (Summer 2013): 32-39. Print.

3. "A Story that is not so 'Simple': Politics of Desire, Disruption and Education in Inchbald's *A Simple Story*". *The Criterion: An International Journal in English.* Quarterly Referred and Indexed Open Access Journal. ISSN: 0976-8165. Issue 12, (Feb 2013). Online.

4. "Invisible People/Citizens: Re-Engaging with Hijras in India" in IACLALS Annual Journal. Volume 1, Issue 1, 2015. Print.

Dr Khem Raj Sharma

1. "Creating Alternatives in Enigma: A Study of Toni Morrison's *Paradise* and V. S. Naipaul's *Half a Life*." *Journal of Research: The Bede Athenaeum*, Vol. 2, No. 2 (Sept 2011). 67-74. Print. [ISSN: 0976-0598 (Print); 0976-1748 (Online)] –Indexed in IndianJournals.com

2. "Adjustment of Diasporas through Integration: A Study of Toni Morrison's *Paradise.*" *THE CRITERION: An International Journal in English,* Vol. 3, No. 1 (March 2012).

Web. [ISSN: 0976-8165]. --Indexed in Literary Reference Centre Plus -EBSCOHOST, Etc.

3. "Narratological Complexities in Emma Donoghue's *Room.*" *Labyrinth: An International Refereed Journal of Postmodern Studies* 4.3 (July 2013). 144-50. Print. [ISSN: 0976-0814]-- Indexed in Literary Reference Centre Plus -EBSCOHOST, Etc.

4. "Revisiting the Notion of Republic in Shakespeare's *Julius Caesar* and *Antony and Cleopatra.*" *New Academia: An International Journal of English Language, Literature and Literary Theory* 3.1 (January 2014). [ISSN: 2277-3967 (Print); 2347-2073(Online)].—Indexed in International Impact Factor Services (IIFS)

5. "The Question of Belonging: Postcolonial Predilections in Tibetan Diaspora." *Lapis Lazuli: An International Journal* 5.1 (Spring 2015). 197-205. Web. –Indexed in DOAJ etc.

6. "Rephrasing the Tibetans' *Koan*: Shadows of Memory in Sharad P. Paul's *To Kill a Snow Dragonfly.*" *THE CRITERION: An International Journal in English* 6.3 (June 2015). Web. [ISSN: 0976-8165]. --Indexed in Literary Reference Centre Plus -EBSCOHOST, Etc.

7. (Co-authored). "The Reddening Tree: A Reflection of Caste and Gender Hierarchies in the Society of Himachal Pradesh." *The Quest*: *a Literary Journal* Vol. 26, No. 1 (June 2012). 20-25. Print. [ISSN 0971-2321]—Indexed in Connect Journals

8. (Co-authored). "Identifying the Enigma of Kashmir in Gazala's Silence: A Study of the Film *Haider.*" *Labyrinth: An International Refereed Journal of Postmodern Studies* 6.1 (Jan 2015). 74-81. Print. [ISSN: 0976-0814]. -- Indexed in Literary Reference Centre Plus -EBSCOHOST, Etc.

9. "Beauty as Metaphor of Violence in Toni Morrison's *Love,"* RE-MARKINGS: An *International Refereed Journal 11. 1* (*March 2012*). [A Biannual Journal of English Letters, ISSN 0972-611X]. 69-74. Print.

10. "Subalternity and Colonial Politics in Shakespeare's *The Tempest." Glimpses: A Peer-Reviewed Bi-Annual Refereed International Journal of Multi Disciplinary Research.* 2.1 (June 2012). 41-47. Print. [ISSN: 2250-0561]

11. "Relocation: Past/Present Dilemmas in V. S. Naipaul's *The Mystic Masseur.*" *Ruminations: A Peer-Reviewed Bi-Annual International Journal for Analysis and Research in Humanities and Social Sciences*, 2. 2 (June 2012). 39-45. Print. [ISSN: 2229-6751]

12. "Relocation of Home in Toni Morrison's *Song of Solomon." The Aesthetica*: *A Peer Reviewed Journal of English Language and Literature*. 1.1 (Autumn 2012). 144-50. Print. [ISSN: 2278-2290]

13. "Decoding the Enigma's of Marital Ethics in Shashi Deshpande's *Ships that Pass.*" *Rock Pebbles: A Peer-Reviewed International Literary Quarterly Journal* 17.3 (July-September 2013). 109-17. Print. [ISSN: 0975-0509]

14. "'Un-saddling' Dalit Identity: Cry of a Muzzled Voice for Recognition in S. R. Harnot's "The Saddle'". *The Literati: A Transnational Peer Reviewed Journal*

Devoted to English Language and Literature 3.2 (Winter 2013). 11-18. Print. [ISSN: 2248-9576]

15. "Violent Experiences, Varied Expressions: A Critique of Toni Morrison's *Home*." *The Literary Voyage: An International Refereed Journal for Scholarly and Creative Writings* 1.1 (Jan-Apr 2014). 9-19. Print. [ISSN: 2348-5272]

16. "Home as Metaphor and Fact in V.S. Naipaul's *A House for Mr. Biswas*." *The Aesthetica*: *A Peer Reviewed Journal of English Language and Literature*. 2.2 (Spring 2014). 7-21. Print. [ISSN: 2278-2290]

17. "Maturing of Diasporic Consciousness in V. S. Naipaul's *Magic Seeds*." *The Touchstone: An International Refereed Journal of English Literature and Language* 1.1 (Spring 2014). 64-72. Print. [ISSN: 2347-8799]

18. "Atypical Mother's Love: A Challenge to Racism and Patriarchy in Toni Morrison's *Beloved* and Emma Donoghue's *Room*." *WJGL: World Journal of Gender and Literature* 1.1 (June 2014). 52-63. Print. [ISSN: 2349-1620]

19. "The Virtual vs. Real Freedom: Problematizing the Dalai Lama's *Freedom in Exile* in the Age of Information Technology." *Conjunctions: An International Refereed Journal of Language, Literature and Culture* 1.1 (2014). 118-124. Print. [ISSN: 2320-995X].

20. "'Home is Where the Hate Is': Exile, Pain and Resistance in Rahul Pandita's *Our Moon Has Blood Clots*." *The Aesthetica*: *A Peer Reviewed Journal of English Language and Literature* 3.1 (Autumn 2014). 7-19. Print. [ISSN: 2278-2290]

21. "Oasis or a Mirage? Human Slavery as the Hidden Face of Gulf Miracle in Benyamin's *Goat Days*." *The Scholastic Forum: A Bi-annual Refereed Journal of Language, Literature and Culture* 1.1 (March 2015). 29-36. Print. [ISSN: 2395-0889]

22. "Manifestations of Secular Divinity: Swami Vivekananda and the Fourteenth Dalai Lama." *Contemporary Research in India: An International Refereed Journal* 5.2. 77-81. Web. [ISSN: 2231-2137]

23. (Co-authored). "Dilemma of Immigrants in Kiran Desai's *The Inheritance of Loss*." *Conifers Call: An International Refereed Bi-annual Journal* 3.2 (Sep-Oct 2011). 16-23. Print. [ISSN: 0975-5365]

24. "Sense of Alienation in Shashi Deshpande's *That Long Silence,*" '*JELL: Journal of English Literature and Language*, Vol. V, No I (June 2011). 78-86. Print. [ISSN: 0975-6930]

25. "Sibling Agony in Polyandry: A Critical Study of the Himachali Short Story 'Mitsav'." *Proceedings of International Conference on English Language and Literary Studies. E*d. Ramnita Saini Sharda. Jalandhar: Uttam Publishers, 2012. 187-190. [ISBN: 978-81-923858-0-8]

26. "Subversion of Patriarchal Norms in Rabindernath Tagore's *Chitra*." *Relevance of Tagore in Contemporary India*. Ed. Krishan Chand. Chandigarh: Centre for Research in Rural and Industrial Development (CRRID), 2013. Print.

Dr KBS Krishna

Articles in journals:
1. "Feminism and Classic Detective Fiction: A Critique of Agatha Christie" in the Refereed National journal *Drishti: the Sight.* ISSN 2319-8281. 3:1 (May 2014). 52-56
2. "Humanistic Rationale and Technical Writing: Antagonistic?" in the Refereed National Journal *Folklore Foundation –Lokaratna* ISSN- 2347-6427. 8 (April 2015). 226-233
3. Review of Anand Mahanand's *Whispering Groves* in the Refereed National Journal *Folklore Foundation –Lokaratna* ISSN- 2347-6427. 8 (April 2015) 260-64.
4. "How does the Baskervilles' Hound Look? Adaptation as Critique" in the Refereed National Journal *Dialogue: a Journal Devoted to Literary Appreciation.* ISSN 0974-5556. 10: 2 (December 2014). Special Issue on Literature and Films. 34-41
Articles in Edited Books:
1. "The Grapes of Wrath in *Kanthapura"* in *Great Indian Authors in English: Critical Ruminations.* ISBN - 978-81-7625-920-0. Ed. Bashisth Choubey, Amar Nath Prasad. New Delhi: Sarup Book Publishers, 2013. 9-16
2. "To Kill a Myth in Harper Lee's *To Kill a Mocking-Bird"* in *Studies in Myth, Orality and Folklore in World Literature.* ISBN- 978-81-269-1800-3. Ed. Vandhana Sharma. New Delhi: Atlantic Publishers, 2013. 359-365.
3. "Living the American Dream in India: A Study of Rupa Bajwa's *The Sari Shop"* in *Fictional Transformation: Sahitya Academy Award Winning English Novels.* ISBN 978-93-82647-05-8. Ed. Vivekanand Jha, Rajnish Mishra. New Delhi: Authors Press, 2014. 141-152.
Articles in National Magazine:
1. Review of Alok Bhalla's *Wild Verses of Wit and Whimsy: From Alpha to Zeta in 26 Movements* in *The Book Review.* Volume XXXIX 5: 2015. 38.
National Conference Proceedings:
1. 'Huckleberry Finn as Social Satire' in proceedings of the International Conference on English Language and Literature on July 6-7, 2013 organised by International Academic and Industrial Research Solutions. ISBN 978-93-82359-23-4. 64-68

Dr Hem Raj Bansal

A. Research Papers:
1. "Language as a Metaphor of Meaninglessness and Absurdity in the Select Absurd Plays." *Lapis Lazuli: An International Literary Journal* 3.2 (December 2013): 139-147. Online.
2. "The Subversion of the Divine Right of Kings in *Richard II.*" *Labyrinth: An International Refereed Journal of Postmodern Studies*. 5.2 (April 2014): 190-198. Online.
3. "Assimilation, Resistance, Survival: Biography as History in Geoffrey Narkle's *King Hit.*" *Indian Journal of Australian Studies.*Vol.4 (2011): 74-87. Print.
4. "Negotiating the World of the Powerful and the Powerless." *New Academia* 3.2 (April 2014):1-8. Online
5. Bansal, Hem Raj. "Racism as a Crime against War Refugees in Rahul Varma's *Job Stealer.*" *Journal of Literature, Culture and Media Studies* 5. 8-9 (2013):93-100. ISSN: 0974-7192.
6. Bansal, Hem Raj. "Woman as Victim: Morality, Sexuality and Assertion in Vijay Tendulkar's *Silence! The Court is in Session.*" *World Journal of Gender and Literature* 1.2 (December 2014): 103-115. ISSN: 2349-1620.
B. Chapters in Books:
1. Bansal, Hem Raj. "Marginalised Mental/Physical Spaces in Chitra Banerjee Divakaruni's *Arranged Marriage." Indian English Literature: A Momento of Feminist Minds*. Ed. Adi Ramesh Babu. New Delhi: Authors Press, 2015. ISBN: 978-93-5207-036-7.
2. Bansal, Hem Raj. "The Postmodern Notion of Dilemma, Uncertainty, and Fragmentation in U.R. Ananthamurthy's *Bhava." Towards New Horizons in Indian English Literature*. Ed. Saiket Banerjee. Jaipur: Yking Books, 2015. Print. ISBN: 978-93-82532-94-1.
3. Bansal, Hem Raj. Cultural, Historical and Linguistic Richness as Depicted through the Memories of Uncle Worru in Jack Davis's *The Dreamers.*" *Representation and Resistance*. Eds. Gourhari Behera and Sunita Murmu. New Delhi : Adhyayan Books, 2015. ISBN 978-81-930148-9-9. PP. -29-47.

   Annexure: Copies of papers published/ presented with relevant certificates [to be kept in the Dept. record].

49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.** : NO

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied: NIL**

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Strengths:

i) Emphasis on developing creative as well as critical faculties of students via exposing them to a range of literary texts and also grounding them rigorously in literary theory

ii) Highly competent and dedicated faculty

ii) Personal Mentoring

iv) Healthy Dialogue and Discourse Culture

v) Congenial Learning-Teaching Environment

Weaknesses:

i) Constricted Space

ii) Lack Departmental Library

iii) Lack Language Laboratory

iv) As most of our PG students are from neighbouring villages, they do not have a sound background in English

v) Lack of BA (Hons) programme in English

Opportunities:

i) Since we have Departments such as Education, Business and Management Studies along with Journalism and New Media, we plan to prepare and offer courses collaboratively

ii) Start BA (Hons.) Programme in English

iii) Hosting post-doctoral researchers

iv) Collaborate with neighbouring universities in organizing seminars/ conferences/ workshops

v) Setting up a Centre for Comparative Literature and Translation Studies

Challenges:

i) Getting students genuinely interested in literature

ii) Helping them understand basics of English Language

iii) Inculcating Analytical Skills vis-a-vis Language and Literature

iv) Bringing students to a level where they can understand and adapt in accordance with the global trends in English Literary studies

v) Attracting students from other countries

52. **Future plans of the department.**

- Establishing Language Lab
- Board of Studies and School Board Meetings
- National Seminar
- International Conference
- Start a BA (Hons.) Programme in English
- Start an MPhil Programme in English
- Start Hosting Post-Doctoral Fellows in the Department
- Establishing Centre for Comparative Literature and Translation Studies

Department of
Environmental Sciences

1. **Name of the Department:** Department of Environmental Sciences

2. **Year of establishment:**
   2011-12

3. **Is the Department part of a School/Faculty of the University?**
   Yes. It is part of the School of Earth and Environmental Sciences

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D.Litt., etc.)**
   Advanced Diploma (2 Semesters)
   M.Sc. (4 Semesters)
   Ph.D. (6 Semesters)

5. **Interdisciplinary programmes and departments involved**
   Every Course offered by the Department is Interdisciplinary in nature

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
   NIL

7. **Details of programmes discontinued, if any, with reasons**
   No programme has been discontinued till date

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**
   Choice Based Credit System (CBCS)

9. **Participation of the department in the courses offered by other departments**

Academic Batch	Course Code	Name of the Courses	Total Number of Students opting for these courses
2013-15	TTR 504	Research report Writing	28
	EEL 414	Advanced Oral Communication in English	30
	SWR 412	NGO Management	2
	SWR 407	Social Group Work	21
	MCE 410	Social Networking Sites	28
	LIS 410	Fundamentals of Information and Communication	7
	HRM 410	Personality Development and Career Management	28
	CBB 420	Cell Biology and Genetics	17
	TTR 436	Science Education	11
	TTM429	Security, Rescue and Disaster Management	7
	TTR 411	Education of Children with Special Needs	13
2014-16	PAS 418	Physics for Every One	26
	CBB 420	Cell Biology and Genetics	3

	LIS 410	Fundamentals of ICT	23
	CBB 504	Proteomics and Genetics	9
	TTM 429	Security, Rescue and Disaster Management	20
	TTR 411	Education of Children with Special Needs	17
	TTR 454	Gender Society and Education	27
	TTM 429	Security, Rescue and Disaster Management	6
	MSC 520	Internet Based Networking	11
	MTH 403	Linear Algebra	2
	TTR 457	Education for Being and Becoming	17
2015-17	TTM 429	Security, Rescue and Disaster Management	
	TTR 454	Gender Society and Education	
	TTR 411	Education of Children with Special Needs	

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

Name of the Post	Posts Sanctioned	Filled Posts	Actual (Including CAS & MPS)
Professor	1	1	1
Associate Professor	2	2	2
Asst. Professor	4	3	3
Others	0	0	0
Total	7	6	6

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialisation	No. of Years of Experience	No. of Ph.D./M.Phil. Students guided/guiding for the last 4 years
A.K Mahajan	Ph.D.	Professor	Seismic Hazards, Microzonation and Disaster Management	29	4
Deepak Pant	Ph.D.	Associate Professor	Green Chemistry and Waste Management	12	5
Mushtaq Ahmed	Ph.D.	Associate Professor	Environmental Microbiology	13	4
Ankit Tandon	Ph.D.	Assistant Professor	Atmospheric Science	7	2
Subhankar Chatterjee	Ph.D.	Assistant Professor	Environmental Biotechnology	8	3
Anurag Linda	M.Phil., Ph.D.	Assistant Professor	Glaciology	6	1

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors**
       NIL

13. **Percentage of classes taken by temporary faculty – programme-wise information**
       The department took the services of temporary faculties till March, 2012. Record of exact percentage of classes taken by temporary faculty during that period is not available

14. **Programme-wise Student Teacher Ratio**

M.Sc. Programme		Ph.D. Programme	
Batch	**Student-Teacher Ratio**	**Session**	**Student-Teacher Ratio**
2011-13	4::1	2011-12	
2012-14	4::1	2012-13	5::3
2013-15	5::1	2013-14	11::7
2014-16	5::1	2014-15	3::1
2015-17	5::1	2015-16	

Note: For calculating student-teacher ratio, only teachers eligible for supervising Ph.D. students are taken into account

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**
       - One Data Entry Operator
       - One Laboratory Assistant
       - One Laboratory Attendant
       - One Office Attendant

16. **Research thrust areas as recognized by major funding agencies:**
       - Landslide Monitoring, Department of Science & Tech, Govt. Of India
       - Subsurface Characterisation, Ministry of Earth Sciences, Govt. Of India
       - Green Chemical Recycling, Department of Science & Tech, Govt. Of India
       - Extraction of metals from waste, Department of Biotechnology, Govt. Of India
       - Natural Radiation Level, BRNS, DAE, Govt. Of India
       - Antagonistic isolates of *Trichoderma* spp., Department of Science & Tech, Govt. Of India
       - Management of biotic stress by using antagonistic isolates of *Trichoderma spp., UGC*

17. **Number of faculty with on-going projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.**

Sr. No.	Title of Research Project	Status	Name of Funding Agency	National /International	Grants Received in lakhs
A. K. Mahajan					
•	Landslide monitoring of Tira Lines slide zone in Dharamshala region, Distt. Kangra (H.P.)	On going	Department of Science & Tech, Govt. Of India	National	19.99
•	Subsurface characterisation and its environmental implications using Engineering seismographs and Ground Penetration Radar.	On going	Ministry of Earth Sciences, GOI	National	65.28
Deepak Pant					
•	Green chemical recycling of polycarbonate plastic for the synthesis of valuable chemicals and epoxy compounds	On going	DST, New Delhi	National	18.68
•	Extraction of metals from waste lithium battery	On going	DBT, New Delhi	National	23.56
•	Study on Natural Radiation Level in Lesser Himalayan Zone on the southern slopes of the Dhauladhar Range, Bhabha Atomic Research Centre	On going	BRNS Mumbai	National	33.89
Mushtaq Ahmed					
•	Studies on antagonistic isolates of *Trichoderma* spp. for Management of *Fusarium* wilt of tomato in tropical agro ecosystems.	On going	SERB-DST, Govt. Of India	National	25.00
•	Management of biotic stress by using antagonistic isolates of *Trichoderma spp.* in tomato vegetated temperate agro ecosystems	On going	UGC	National	15. 8
Subhankar Chatterjee					
•	Biodegradation of Profenofos and Fenthion pesticides - role of microbial isolate(s) and determination of degradation pathway(s)"	On going	CSIR-EMR	National	28.25 for 3 years
•	'Qualitative analysis of secondary metabolites	On going	SERB-DST funded research	National	19.2, initially

		project for 'National Post-Doctoral Fellowship Scheme'		for 2 years (may extend for 1 more year)
produced by psychrophilic microorganism(s) isolated from Chhota Sigri glaciar, Himachal Pradesh''				

18. **Inter-institutional collaborative projects and associated grants received**
    a) **National collaboration**   b) **International collaboration**
    - Wadia Institute of Himalayan Geology, Dehra Dun, collaborated in joint organization of National Workshop on Implications of Climate change in Himalayan region

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:**
    Mentioned in column 17.

20. **Research facility / centre with state recognition, national recognition, & international recognition**
    NIL

21. **Special research laboratories sponsored by / created by industry or corporate bodies**
    NIL

22. **Total number of Publications by all the faculty members of the department**- 52

Sr. No.	Type of Publications	Published	Accepted	Communicated
1.	Reference Books with ISBN No.	--	--	--
2.	Text Books with ISBN No.	--	--	--
3.	Edited Books with ISBN No.	--	--	--
4.	Research Papers in refereed international journals with ISSN NO.	17	01	02
5.	Research Papers in refereed national journals with ISSN NO.	07	01	01
6.	Papers in other international journals with ISSN NO.	08	--	--
7.	Papers in other national journals with ISSN NO.	01	--	--
8.	Chapters in edited books with ISBN No.	02	--	--
9.	Articles in national magazines/newspapers		--	--
10.	Articles in regional/local		--	--

	magazines/newspapers			
11.	Papers presented in International Seminars / conferences	07	--	--
12.	Papers published in proceedings of international seminars / conference	03	--	--
13.	Papers presented in national seminars/conferences	15	--	--
14.	Papers published in proceedings of national seminars / conference	02	--	--
15.	Monographs	--	--	--
16.	Citation Index *A.K. Mahajan (AKM), Deepak Pant (DP), Mushtaq Ahmed(MA), Ankit Tandon(AT), Subhankar Chatterjee (SC), Anurag Linda (AL), since 2010.*	366 (AKM) 110 (AT) 282 (SC) 224 (AL)	--	--
17.	SNIP	--	--	--
18.	SJR	--	--	--
19.	Impact Factor (range/average): **Thomson Reuters** *A.K. Mahajan(AKM), Deepak Pant (DP), Mushtaq Ahmed(MA), Ankit Tandon(AT), Subhankar Chatterjee (SC), Anurag Linda (AL).*	03 to 1.0 (AKM) 3.6 to 0.5 (DP) 4.2 to 2.9 (MA) 4.5 to 1.3 (AT) 6.1 to 2.3 (SC) 5.5 – 0.83(AL)	--	--
20.	h-index *(since 2010)*	11 (AKM) 08 (SC) 05 (AT) 06 (AL)	--	--

Important Note: Please furnish details of each publication clearly mentioning the title, co-authors, publisher, journal, volume, issue, impact factor of the articles/papers and year of publication

Publications:

A. K. MAHAJAN

- **Mahajan A.K**. Subash Chandra V. S. Sarma B. R. Arora, 2015. Multichannel analysis of surface waves and high-resolution electrical resistivity tomography in detection of subsurface features in northwest Himalaya. *Current Science*, 108 (12), 2230-2239.
- Vikram Gupta, **A.K. Mahajan** and V.C. Thakur, 2015. A study on Landslide triggered during Sikkim Earthquake of September 18, 2011. *Himalayan Geology* 36 (1), 81-90.
- **A.K. Mahajan**, Rajwant and Umesh Kumar Sharma, 2015. Rainfall accelerated mass movement, on 7th August, 2013 north of Dharamshala town, Kangra district, Himachal Pradesh. Accepted in *Journal of Geologcial Society of India*, 85(5) , 563-599.
- **Mahajan A K**, 2014. Applications of Multi-channel analysis of surface waves in site characterisation and detecting subsurface anomalies. 15 SEE, Symposium of Earthquake Engineering, 11-13 December, 2014 Department of Earthquake Engineering, IIT Roorkee. *Proceedings of the 15th SEE Conference on Earthquake Engineering* vol 1, 62-73, Elite publications, New Delhi. ISBN: 81-88901-42-3.
- Nath S.K., Thingbaijam K.K.S., Adhikari M.D., Nayak, A., Devaraj N., Ghosh S.K. and **Mahajan A.K.,** Topographic gradient based site characterization in India complemented by strong ground-motion spectral attributes. *Soil Dynamics and Earthquake Engineering* 55(2013), 233–246.
- G K Ghosh and A K **Mahajan,** 2013. Intensity attenuation relation at Chamba–Garhwal area in north-west Himalaya with epicentral distance and magnitude. *J. Earth Syst. Sci.* **122**, No. 1, February 2013, pp. 107–122.
- B.K. Maheshwari, **A.K. Mahajan**, M.L. Sharma, D.K. Paul, A.M. Kaynia and Conrad Lindholm, 2013. Relations between Shear Wave Velocity and Standard Penetration Resistance for Sandy Soils in the Ganga Basin. *International Journal of Geotechnical Engineering* 7(1): 63-70
- Kalyan Kumar and **Mahajan A.K**., 2013. Geotechnical characterisation of soil samples from Rohtang area. Proceedings of 4th *Indian Young Geotechnical Engineering conference* 17-18 May, 2013, Madras, Chennai.
-
hosh G.K. and **Mahajan A.K.** 2013. Intensity attenuation relation at Chamba-Garhwal area in north-west Himalaya with epicentral distance and magnitude. *J. Earth Syst. Sci*, 1-17.

DEEPAK PANT

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23. Details of patents and income generated

Sr. No.	Title of Patent	Year	Income generated if any	
1	Column Reactor for the Synthesis of Cyclic Carbonate of Polyols via Carbamide Process (**Deepak Pant**)	2012	N/A	T.I(01)/TIFA/2012 Patent filed

24. Areas of consultancy and income generated

Seismic Hazards **generated Rs 9.12 lakhs** from Ministry of Power Govt. of India for providing advice on the seismic hazard status of Subansiri lower projects, Assam by Prof A.K. Mahajan.

25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad

S. No.	Name of Consultancy/Name of Faculty	Funds generated	Name of Funding Agency	National /International	Grants Received
1.	Alexander von Humboldt Foundation, Germany **Subhankar Chatterjee**	--	Molecular Phytopathology and Mycotoxin Research division, Georg-August University Goettingen, Germany	International	For 3 months
2.	Norway 18th August to 7th September, 2014 **A.K. Mahajan**	Norway under the project "Earthquake Risk Assessment of Himalayan region	NORSAR	International	No grant was received
3.	Italy 26-1st July, 2015 **A.K. Mahajan**	To undertake training on Micro tremor system	CUHP	International	No grant was received

26. **Faculty serving in National committees b) International committees c) Editorial Boards d) any other (please specify)**

S. No.	Name of Service	National Committee	International Committee	Editorial Board	Any other
1.	A.K. Mahajan: Member	Indian Bureau of Indian Standard for preparing Seismic Microzonation methodology documents under CED39	--	--	--
2.	A.K. Mahajan: Expert member	UGC for major project evaluation of environmental Sciences	--	--	--
3.	A.K. Mahajan: Expert Member	Ministry of Power, Govt of India for opinion on	--	--	--

		Subansiri dam, Assam in relation to seismic status of the project site			
4.	A.K. Mahajan Expert Member	Selection committee member for IIRS, Dehradun Scientist Ç'cadre post	-	-	-
5.	A.K. Mahajan Expert Member	Selection committee member Jammu University 2014	-	-	-
6.	A.K. Mahajan Expert Member	Selection committee member at Central University of Jammu	-	-	-
7.	A.K. Mahajan subject expert	Expert member, NIT Uttarakhand selection committee, 17/4/2016			
8.	A.K. Mahajan	Member NAAC pear Team, Pariyar University, Thanjavur, Chenai			
9.	A.K. Mahajan	Member NAAC pear Team, Veer Surendra Sai University of Technology, (formerly University College of Engineering),(A Unitary Technical University Established by Government of Odisha)			
10.	A.K. Mahajan	Member, Executive council of Indian Geologist Association for tow yrs from 2016 onward.	-	-	-
11.	**A.K. Mahajan**: Fellow	Fellow, Indian Geophysical Union	--	--	--
12.	**A.K. Mahajan**: Life Member	Fellow, Indian Geological Association	--	--	--
13.	**A.K. Mahajan**: Life Member	Himalayan Geology	--	--	--
14.	**A.K. Mahajan**: Member	Indian Geological Society	--	--	--
15.	**A.K. Mahajan**: Member	Member, Executive Council 2013-2016, CUHP	--	--	
16.	**A.K. Mahajan**: Member	Member, Academic Council 2013-2016, CUHP	--	--	
17.	**A.K. Mahajan**	Member executive council 2016-2019, CUHP			

18.	**A.K. Mahajan**: Chairman,	Chairman, Equal Opportunity Cell 2014-onward, CUHP	--	--	
19.	**A.K. Mahajan**: Chairman,	Chairman, University industrial interface, CUHP			
20.	**A.K. Mahajan**	Provost, CUHP 2015-2018			
21.	**A.K. Mahajan**	Chairman School Board SOEES, CUHP-**2013-2016**	-	-	
22.	**A.K. Mahajan**	**2013-2016**			
23.	**A.K. Mahajan**	Member Board of studies and School Board of different department like SOEES, journalism, Math, department of marketing and Chain supply etc. **2016-2019**			
24.	**A.K. Mahajan**	Chairman School Board SLS, CUHP, **2013-2016**			
25.	**A.K. Mahajan**	Chairman Board of studies SOEES, CUHP, **2013-2016**			
26.					
27.	**Deepak Pant**: Member	Chairman Board of studies , SOEES, CUHP, 2016-2019			
28.	**Deepak Pant**: Editorial Board	National	--	The Journal of Environmental Science and Sustainability (JESS).	--
29.	**Deepak Pant**: Member	School Board SOEES, CUHP, 2013-2016	--	--	
30.	**Deepak Pant**: Member	Board of studies , SOEES, CUHP, 2013-2016	--	--	
31.	**Dr. Mushtaq Ahmed**	**Member,** Academic Council (2nd), CUHP			
32.	**Dr. Mushtaq Ahmed**	**Chairman,** Institutional Bio Safety Committee, CUHP			
33.	**Dr. Mushtaq Ahmed**	**Member,** Board of Studies, School of Earth and			

		Environmental Sciences, CUHP.			
34.	**Dr. Mushtaq Ahmed**	**Member,** Board of Studies, Center for Computational Biology and Bioinformatics, School of Life Sciences, CUHP.			
35.	**Dr. Mushtaq Ahmed**	**Member,** Board of Studies, Department of Information Technology, CUHP.			
36.	**Dr. Mushtaq Ahmed**	**Member,** Research Council, CUHP.			
37.	**Ankit Tandon**: Member	School Board SOEES, CUHP, 2014-16	--	--	
38.	**Ankit Tandon**: Member	Board of studies , SOEES, CUHP, 2016-2019	--	--	

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

[A] Orientation/ Refresher Programmes Attended by Faculty Members during last four years:

Sr. No.	Title of the Program	Organising Institution	Date/ Year	No. of weeks	Grade
1.	55th Orientation program *Attended by **Dr. Subhankar Chatterjee***	UGC-Academic staff College, Jadavpur University, Kolkata	15 December to 13 January, 2015	4	A
2.	82nd Orientation Programme *Attended by **Dr. Anurag Linda***	UGC-Human Resource Development Centre, Ranchi University Ranchi	12 March to 08 April 2015	4	A
3.	1st Orientation Programme *Attended by **Dr. Ankit Tandon***	HRDC, JNU, New Delhi	24 August to 18 September 2015	4	A
4.	1st Interdisciplinary course in Contemporary Studies (Refresher Course) ***Dr. Subhankar Chatterjee***	HRDC, JNU, New Delhi	8-2-2016 to 4-3-2016	4	A

[B] **Seminars & Conferences Attended by Faculty Members during last four years:**

Sr. No.	Title of the Seminars/ Conferences/ workshop & faculty attended	National/ International	Organising Institution	Date/ Year	No. of Days	Sponsoring Agency
1.	National Seminar on Environmental pollution (join the race to make the world a better place) A.K. Mahajan- Invited talk	National	Department of Environmental sciences, University of Kashmir	4-5th June 2016	two	Kashmir University, J & K
2.	15th Symposium on Earthquake Engineering A.K. Mahajan	National	Department of earthquake engineering, IITR	11-13 Dec., 2013	two	IIT, Rorkee
3.	2nd India-Norway joint Workshop held at Prithvi Bhawan, MoES- Brian storming session for International collaboration A.K. Mahaajn	National	Ministry of Earth Sciences, GOI	13-14 Feb, 2014	two	MOES
4.	**Indian Geophysical Union workshop** organized by Wadia Institute of Himalayan Geology A.K. Mahajan-invited talk	National	Wadia Institute of Himalayan Geology, Dehrdun	16-17 June 2013	two	Wadia Institute
5.	Application of Environmental Geophysics in dealing with environmental issues A.K. Mahajan-Key note talk	National	Department of Environmental Sciences, Jammu University	24-25 March 2013	two	Jammu University
6.	Young Investigator's meet-2015 **Subhankar Chatterjee**	National	India Bio Science	28 March, to 1 April, 2015	4	India Bio Science, DBT, DST

7.	"National Workshop on Status of Natural Hazards in Himachal Pradesh" (NHHP-14) **A.K. Mahajan** **Deepak Pant** **Mustaq Ahmed** **Ankit Tandon** **Subhankar Chatterjee** **Anurag Linda**	National	School of Earth and Environmental Sciences, Central University of Himachal Pradesh	06 – 08 November 2014	three	Central University of Himachal Pradesh, Dharamshala & Ministry of Earth Sciences, GOI, New Delhi.
8.	Stake holder Workshop on Disaster management and earthquake resistance structures **A.K. Mahajan** **Ankit Tandon** **Anurag Linda**	National Workshop	Organized by CUHP and Rotary Club Dharamshala	8th November 2014	one	MOES
9.	Group monitoring committee meeting of Seismology **A.K. Mahajan**	National	Central University of Himachal Pradesh	7 November 2014	one	MOES
10.	National Conference on Implications of Climate Change on Himalayan Environment **A.K. Mahajan** **Deepak Pant** **Mustaq Ahmed** **Ankit Tandon** **Subhankar Chatterjee** **Anurag Linda**	National	Jointly organised by Central University of Himachal Pradesh and Wadia Institute of Himalayan Geology	20-21 March 2014	two	Central University of Himachal Pradesh and Wadia Institute of Himalayan Geology
11.	2nd National symposium on nanobiotechnology (NSNB-2013) **Subhankar Chatterjee**	National	IIT Mandi	9 Dec., 2013	one	DBT

[C] Workshops attended by Faculty Members during last four years:

Sr. No.	Title of the Seminars/ Conferences/ workshop & faculty attended	National/ International	Organising Institution	Date/ Year	No. of Days	Sponsoring Agency
	GLACINDIA: Stakeholder "Workshop on Identifying Climate Change Information Needs" and Training on "Climate Modelling and Climate Change Research, Innovation and Services **Anurag Linda**	International	Jointly Organized by Climate Service Center 2.0, Hamburg, Germany and School of Environmental Sciences, Jawaharlal Nehru University, New Delhi	08-10 April 2015	3	DST-GOI, JNU and the Research Council of Norway
•	Workshop on "Managed Aquifer Recharge in Hills & Valleys of Himachal Pradesh **Deepak Pant** **Ankit Tandon** **Subhankar Chatterjee** **Anurag Linda**	Regional	Organized by Central Ground Water Board, Dharamshala (H.P.)	2013	1	Central Ground Water Board

28. Student projects
- **Percentage of students who have done in-house projects including inter-departmental projects: (100 per cent)**

Sr. No.	Name of Faculty Members	No. of Students Completed In-house Projects under Supervision
•	**Prof. A.K. Mahajan**	11
•	**Dr. Deepak Pant**	14
•	**Dr. Mustaq Ahmed**	11
•	**Dr. Ankit Tandon**	12
•	**Dr. Subhankar Chatterjee**	19
•	**Dr. Anurag Linda**	15

- **Percentage of students doing projects in collaboration with other universities Industry / institute**
  NIL

29. Awards / recognitions received at the national and international level by Faculty

(**Dr. Subhankar Chatterjee**)

• Received Travel grant from Sir Dorabji Tata Trust, Mumbai, India to travel Germany for pursuing research as Alexander von Humboldt Revisit Research Fellow (2015).

• Alexander von Humboldt Revisit Research Fellowship (Germany) for 3 months (16th June, -15th September, 2015).

• Selected as Young Investigator, (one of the 39 candidates selected from All over India) in Young Investigator's meet-2015 organized by India Bio Science, held on 28th March, 2015 to 1st April, 2015 in Srinagar, India.

Doctoral / post-doctoral fellows

NIL

Students
NIL

30. Seminars/Conferences/Workshops organized and the source of funding (national/International) with details of outstanding participants, if any

Sr. No	Title of the Seminars/ Conferences/ workshop	National/ International	Date/Year	No. of Days	Sponsoring Agency
•	National Conference on "Implications of Climate Change on Himalayan Environment" **Prof. A.K. Mahajan (Chairman) Dr. Ankit Tandon (Co Convenor) Dr. Anurag Linda (Co Convenor)**	National	20-21 March 2014	2	funded by Central University of Himachal Pradesh and Wadia Institute of Himalayan Geology
•	Nation Workshop on "Status of Natural Hazards in Himachal Pradesh (NHHP-14)" **Prof. A.K. Mahajan (President) Dr. Ankit Tandon (Co**	National	6-8 November 2014	3	MoES, GOI and CUHP

	Convenor) **Dr. Anurag Linda (Co Convenor)**				
•	Second Phase of Pan-India Debating Competition of Indian Geological Congress **Prof. A.K. Mahajan (President)** **Dr. Ankit Tandon (Convenor)**	National	4 February 2015	1	Indian Geological Congress
•	"5 days training on ERDAS & Geomedia – Remote Sensing & GIS software" **Prof. A.K. Mahajan (Organiser)** **Dr. Anurag Linda (Co Organiser)**	National	24 - 28 February 2014	5	Science, Dehradun in collaboration with Intergraph
•	Four days training of Microtremor system and installation **Prof. A.K. Mahajan (Organiser)**	National	27 January to 2 February 2014	4	CUHP, Dharamshala

31. **Code of ethics for research followed by the departments: ----**

32. **Student profile programme-wise:**

Name of the Programme	Year	Number of Seats	Application Received	Selected		Pass Percentage	
				Male	**Female**	**Male**	**Female**
M.Sc.	2011	30	235	6	19	4	19
	2012	30	265	8	22	8	22
	2013	30	312	7	21	7	21
	2014	30	478	7	19		
	2015	30	279	6	24		
Ph.D.	2011	10	279	1	4		
	2012	-	-	-	-		
	2013	10	160	5	5		
	2014		154	2	5		
	2015		70	-	2		

33. **Diversity of students**

Name of the Programme	% of students from the same University	% of students from universities within the state	% of students from Universities outside the State	% of Students from Other Countries	Total Number of Students Passed Out
M.Sc.	Nil			Nil	
Ph.D.				Nil	

34. **How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Type of Examinations	Total number of Students Qualified
Civil Services	-
JRF	1
NET	15
SET	4
Other Competitive Examinations	2

35. **Student progression:**

Student Progression	Percentage against enrolled
UG to PG	-
PG to M.Phil	-
PG to Ph.D	3
Ph.D. to Post-Doctoral	-
Employed • Campus Selection • Other than Campus Selection	
Entrepreneurs	

36. **Diversity of staff**
   • **Total Number of Faculty = 7**

Faculty who are graduates	In numbers	In percentages
Of the same university	00	-
From other universities within the state	00	-
From universities from other states	06	100%
From universities outside the country	00	-

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period** Nil

38. **Present details of departmental infrastructural facilities with regard to**

- Library- no departmental Library as the campus is very small and space is the main constraint.
- So Text books and research books of the department are available with the Library of CUHP

Internet facilities for staff and students
- All the faculties are provided internet facilities with 24 by 7 LAN and WI-FI connectivity.

Total number of class rooms
- One Class room (CR-10) is allotted to the department.

39. **List of doctoral, post-doctoral students and Research Associates**
- from the host institution/university

Type of Students	Name	Admission Year	Remarks
Doctoral Students	Indu Kumari	2012	
	Meenakshi Hira	2012	
	Virbala Sharma	2012	
	Anand Giri	2013	
	Deepika Kaushal	2013	
	Madhulika Kushwaha	2013	
	Nitika Chaudhary	2013	
	Pawan Kumar	2013	
	Swati Sharma	2013	
	Tenzin Dolker	2013	
	Anvita Sheel	2014	
	Geetika	2014	
	Navneet Kaur	2014	
	Shalini Verma	2014	
	Shikha Sharma	2014	
	Varun Dhiman	2014	
Post-doctoral Students	Nil		
Research Associates	Nil		

from other institutions/universities -

40.   Number of post graduate students getting financial assistance from the university.

Academic Year	Type of financial assistance from the university	Total Number of Students who availed this assistance
2011-12	Free ship/Fellowship	-
2012-13	Free ship/Fellowship	11
2013-14	Free ship/Fellowship	11
2014-15	Free ship/Fellowship	12
2015-16	Free ship/Fellowship	11

Note: Free ship/Fellowship is the financial reimbursement of the fees paid by the student in an academic year. Full means full fee that the student pays is reimbursed. Half means half of the total fees in an academic year is reimbursed.

41.   Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- The department started its M.Sc. and Ph.D. programme from 2011-12
- Both the programmes were started in consonance with vision of the University
- Fulfilling the National needs and following the National educational policy were other criteria
- While starting the programme, UGC guidelines were followed and made sure that department follows the above points in all future times to come

42.   Does the department obtain forms from

- Faculty on curriculum as well as teaching-learning-evaluation?
    - Yes
    - If yes, how does the department utilize the feedback?

As each faculty designs his/her own syllabus of a course, feedback from faculties on curriculum as well as teaching-learning-evaluation is not collected. However, the syllabus of every paper is put before the annual board of studies meeting, consisting of subject experts, for approval.

- **Students on staff, curriculum and teaching-learning-evaluation?**

Yes

- **How does the department utilize the feedback?**

The Controller of Examinations (COE), CUHP collects feedback course paper wise from students at the time of End-Term examinations. The students are asked give scores on different parameters related to the teacher's performance in that course. These feedbacks are then used to give a composite score to each teacher on each course that is taught by him/her.

- **Alumni and employers on the programmes offered and how does the department utilize the feedback?**
    - Yes

• The University organized its first alumni meet on October 4, 2015. At this platform, the department took the feedback, from its alumni, on the structure and contents of the courses, faculties and suggestions for further improvement. The feedback forms were circulated among the department faculties for consideration. This feedback would now be analysed to implement in the further improvement of the department.

43.   List the distinguished alumni of the department (maximum 10)

Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

44.   Details of student enrichment programmes:

Serial Number	Year	Type of Programme	Details of the Programme	Name of the External Expert
1.	2013	Invited talk	Title: Packing DNA in cell Date: 08.02.2013	Prof. Alok Bhattacharya, School of Life Sciences, Jawaharlal Nehru University, New Delhi
2.	2013	Invited talk	Title: Introduction to Atmospheric Dynamics Date: 13.09.2013	Prof. V. K. Jain, Hon'ble V.C. Doon University
3.	2013	Invited talk	Title: Earthquake Hazard estimation methodologies with emphasis on probabilistic seismic hazard assessment Date: 30.10.2013	Prof. Conrad Lindholm, Department of Geohazard, Norsar, Norway
4.	2013	Interaction session	Title: Creativity in Education Date: 11.12.2013	Prof. Samir Bhattacharya, Viswa Bharti University, Santiniketan, West Bengal
5.	2014	Training	Remote Sensing, Geospatial, GIS Training Date: 24.02.14 to 28.02.2014	Mr. Ram Singh Science, Dehradun India
6.	2014	Training	Hands on Training on GPS Date: 16.04.14 to 17.04.2014	Resource Person M/S Science, Dehradun India
7.	2014	Presentation	Chromatography Techniques Date: 09.09.2014	Resource Person M/S Waters India Pvt. Ltd.
8.	2015	Interactive session	Covered various general immunology topics	Prof. Javed Naim Agrewala, Chief Scientist and CSIR Academy

			11.05.2015	Professor, CSIR-Institute of Microbial Technology
9.	2015	Invited talk	Title: Oxalic acid and diacylglycerol 36:3 are cross-species markers of sleep debt. Date: 01.12.2015	Dr. Aalim Welijie Research Assistant Professor, Department of Pharmacology Harvard Medical School, Boston, USA
10.	2015	Presentation	Title: Introduction to USIEF Full Bright Ph.D. and Postdoctoral Scholarship Programs for Date23.04.2015	Dr. Sudershan Dash, Senior Program Manager, Indian Program, USIEF
11.	2015	Invited talk	Title: Cancer an Opportunistic Killer/Therapeutic Target. Date: 01.12.2015	Dr. Raj Kumar, Research Scientist, Harvard Medical School, Boston, USA

45. List the teaching methods adopted by the faculty for different programmes.
- Chalk and Blackboard
- Whiteboard
- Giving lectures using overhead projector
- By taking students to fields and assigning them field work
- Laboratory Exercises
- By taking students to the library and giving them assignments inside the library

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- By conducting class tests
- By conducting surprise class tests
- By conducting quizzes
- By conducting group discussions
- By conducting general discussions on current environmental issues
- By asking students to give assignments on syllabus topics
- By taking presentation of students on different topics
- By asking research scholars to present their progress of research work once in each semester

47. Highlight the participation of students and faculty in extension activities.

To celebrate National Science Day -2015 with a theme "Science for Nation Building", School of Life Sciences and School of Earth And Environmental Sciences, have organized a "Science Day Colloquium" with following lectures on 27.02.2015:

Title	Faculty
Magic of Pi-Pi Interaction	Dr. Deepak Pant
Drug Discovery Process Against Infections	Dr. Yusuf Akhter
Medicating the Environment – Risk of Pharmaceuticals to Wild Life and Ecosystems	Dr. S. Chatterjee
Organization principles of connectedness: Are there similarities in biological, ecological and social networks?	Dr. Vikram Singh
Ozone Depletion and Climate Change	Dr. Ankit Tandon
CADD Approaches for the Development of Potential Drug Candidates	Dr. P. Aparoy
The Crying Himalaya	Dr. Anurag Linda

School celebrates one of the major event n 22nd April each year from April 2103 onwards to make it a big event with activities of students in all spheres from painting, cultural activities to visit to different schools of the surroundings, to aware the young students in the field of earthquake protection and waste managements

       The celebration of Earth Day involves
- Cultural activity of student
- Quiz competition among the students
- Collage making competition
- Rangoli making competition
- Skit play
- Visit to different school
- Onspot competition of school students and
- Model presentation by students of different schools
- To appreciate different children's number of prizes distributed

The Department organised Pan India Debate competition of "The role of earth science in environmental degradation" under the leadership of Prof A.K. Mahajan in coordination with Indian Geological Congress. Six universities have participated in the competition from northern region and Miss Jyoti Dogra stood Third in the competition and awarded with a cash prize of Rs 3000/- . She will now participate in the fifth round with all other winners at Ministry of Earth Sciences, Govt. of India.

Students also participated in different seminars conducted by the department in March 2014 on Climate change and in on natural Hazard 5-7 November, 2014 as an active participant.

48. **Give details of "beyond syllabus scholarly activities" of the department.**
       The department asks its faculties to give.

Along with the above described visiting lectures and interactive sessions held time to time from eminent scientists in the field Centre for Computational Biology and Bioinformatics have also initiated together with Department of Environmental Sciences a Biosciences Study Circle

(BSC). BSC was aimed to carry out interactions and deliberations on the current research being carried out at here in the frontier areas of Biological Sciences in context with national and global perspective. These deliberations included the research subject related event for the guidance, advisement and career counselling of PhD and MSc students. Followings are the members of the duly constituted BSC *vide* File No. LS/1-12/BJC/CUHP/15/62-68.

Apart from class room activity field visit for geological, landslide and ecological activities are being performed for all semester students from time to time.

Hand on practice of mapping techniques using global positioning system
Hand on practice of student on different field instruments in Geotechnical   pharmaceutical and waste management companies.

Field study tour outside the state to give field knowledge and visit to different national labs for upgrading their knowledge.

Students are also asked to give presentation in each class to increase their presentation skill and speaking power.

1) Five days workshop on "ERDAS and Geomedia-Remote sensing & GIS Software", conducted by SCIENCE, Dehradun in collaboration with Intergraph at Department of Environmental Sciences, Central University of Himachal Pradesh, Dharamshala, Himachal Pradesh, 24-28 February 2014. Praveen Kumar, Pawan Kumar, Swati Sharma, Deepika

2) One day seminar on "Geographical Information System", ESRI India, HSV Chandigarh, Sept. 03, 2014--- Praveen Kumar, Pawan Kumar, Swati Sharma

3) Two days training on "Subsurface utility engineering (SUE)" by Aqua foundation academy New Delhi, 2014.- Praveen Kumar, Pawan Kumar, Swati Sharma

4) Three days workshop on "Youth and climate change in the Indian Himalayan region   (IHR)", GB Pant Institute of Himalayan Environment and Development, Himachal Unit, Mohal-Kullu, Himachal Pradesh, 01-03 December, 2014- Praveen Kumar, Pawan Kumar

5) One day National workshop on "Writing Research Paper" on 18-19 December 2014 at Central University of Himachal Pradesh, TAB, Shahpur, Kangra. Praveen Kumar, Pawan Kumar

6) Aqua foundation - 2 days training program on sub surface utility engineering, attended by Swati Sharma, Praveen Kumar, Pawan Kumar

7) 5 days training on Erdas and Geomedia from 24th Feb to 28th Feb 2014, at central university of Himachal Pradesh attended by Swati Sharma, Pawan Kumar, Praveen Kumar and Deepika Kaushal.

8) National Seminar on Status of Natural Hazard, Nov. 2014, at Central university of Himachal Pradesh, oral presentation by Swati Sharma.

9) National Seminar on landslides: Management and mitigation Strategies, Feb, 2015, at DRDO-DTRL, New Delhi, Oral presentation by Swati Sharma.

10) National Seminar on landslides: Management and mitigation Strategies, Feb, 2015, at DRDO-DTRL, New Delhi, Second Prize for oral presentation given to Swati Sharma.

11) Kumar P, Narendra K Meena, Mahajan AK, (2014). Trophic status and water quality assessment of Rewalsar Lake Himachal Pradesh, India, three days national workshop on "Status of Natural Hazards in Himachal Pradesh", CUHP, TAB Shahpur.

12) Kumar P (2014). Spiritual, ethical and emotional aspects and their roles in biodiversity conservation, two days national conference on "Implication of Climatic change on Himalayan environment, CUHP,TAB Shahpur,

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

  NO

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

To run Environmental Geophysics as one of the module which is only available in American Universities to understand the sub-surface characterisation? This module is not present in any one of the Indian Universities having environmental sciences as the subject. The module will help the students to get their jobs in applied sciences especially in geotechnical and oil Industry.

- To generate new knowledge in the field of environmental sciences, students are exposed to applied and skill development subjects with hand on training as well
- Remote sensing and GIS
- Use of geophysical instruments in the field for site characterisation
- Exposure of student in the analytical instruments
- Exposure of the students to landslides zones and geological field work in and around Dharamshala region.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

  Strengths:

- Centre had full time permanent faculty members with PhD degree from prestigious institutes like JNU, Jadavpur University Kolkatta, PU and BHU and Kumaon University.
- Faculty members also possess postdoctoral research experience from Netherland, Germany, USA, France and have eminent fellowships like Humboldt fellowship, Diploma in Disaster Management from Switzerland, visiting faculty to Netherlands and Norway and advance training in Atmospheric Sciences from France etc. One of the faculty member has also files the patents.
- Research and Teaching in the centre is focussed on diverse areas of natural hazard, waste management, atmospheric Sciences, glaciology Bio-technology, environmental microbiology.
- Environmental sciences Laboratory is well equipped with GIS and remote sensing Lab.
- Have edge on other environmental sciences departments of India, where Environmental Geophysics is being taught.
-

- **The list of instruments in lab/department of Environmental Sciences, CUHP TAB Shahpur**

Sr. No.	Name of instrument	Quantity
1	Autoclave (Laboratory)	01
2	Centrifuge machine	01
3	Conductivity meter	05
4	Compass	02
5	Digital analytical balance	01
6	Distillation unit (Single)	02
7	Double distillation unit	01
8	Deep freezer-20^0C	01
9	Dry vacuum pump	03
10	Digital turbidity meter	02
11	Digital nephalometer	02
12	Digital D.O. meter	02
13	Flame photometer	02
14	Gas cylinder and regulator	02
15	GIS software	01
16	GPS (Trimble Juno- 3B)	10
17	Hammer	02
18	Hot air oven	01
19	Hot plate rectangular	06
20	Hot plate	05
21	Hot air drying oven	01
22	HPLC (High pressure liquid chromatography)	01
23	Ion Chromatography (883 Plus IC Matrohm)	01

24	Laminar air flow	01
25	Lab weighing scale	01
26	Magnetic stirrer	06
27	Muffle furnace	02
28	Magnetic stirrer with hot plate	05
29	Map measure Rotameter	02
30	Microtremer System & Grilla software	01
31	Nikon Trinocular Research Microscope	01
32	pH meter	05
33	Pulveriser/Grinding mill	01
34	Portable water analysis kit (Eutech PCD 650)	02
35	Respirable dust sampler	02
36	Rotary shaker	01
37	Reciprocal shaking water bath	02
38	Sample homogenizer	01
39	Stereo-scope	03
40	Thin layer chromatography apparatus	06
41	Thermo-cycler and vertical electrophoresis	01
42	Vacuum oven	01
43	Water and soil analysis kit (Model no. 7200)	03
44	Engineering seismograph-24 channel with weight drop hammer	01

The Department has seven research projects from Department of Science and Technology (DST), Department of Biotechnology (DBT) and University Grant Commission (UGC), DST and Ministry of Earth Sciences (MOES).

- Fourteen PhD students are actively engaged in research work and started publishing in various peer review journals.

Weaknesses:

- Lack of space for further extension of the Environmental Science Laboratory.
- Lack of space also does not allow us to apply for FIST or other major grant for establishments of outclassed labs
- Environmental Chemistry lab has to be properly built in order to provide good input to the students.
- The very good computer lab needs to be established for the department with 30 computer units for MSC students and 30 computers for RD students in order to have state of the art Remote sensing lab and GIS lab which is very much skill development lab and can help the students to get best jobs.
- The department does not have proper sitting facility for RD scholars due to space issue which hinder the progress of Research scholar.

- Still University is not able to start other departments of the schools which hinder us to establish clean Air Lab, common analytical facility lab etc.

Opportunities:

- The department may be used to provide short-term and long-term training to the students in the field of **disaster management** and **remote sensing an GIS** and training on **sub-surface geophysical methods** for the skill development of students
- The department can be developed into a state-of-the-art entity of analytical analysis.
- It could be also developed into knowledge discovery hub with special emphasis on environmental issues and natural hazards
- The department can be good hub for providing consultancy projects for the sustainable development of Himachal Pradesh in the field of seismic hazard, seismic microzonation, site characterization, waste management, climate change glacier investigations, environmental Impact assessment and microbial and biotechnology based remediation of environmental pollutant and their application for sustainable development of the nation as the centre has all the facilities and expertise to provide consultancy on the above mentioned topics.
- Ongoing research efforts concentrating on the natural hazard, climate change and waste management and carbon credit, seismic hazard analysis and **site amplification** (**to save or reduce damage from earthquake hazard**) can help the nation as per the recent thinking of the Hon'ble Prime Minister for sustainable development of the nation.

Challenges:

- Land must be allocated to University for establishment of permanent campus so that further extension of the department.
- Experimental facility need to be enhanced to bring the university at par with international universities.
- University should have proper allocation for research purpose.
- To extend the School of Earth and Environmental different centre as approved need to be developed soon like centre of climate change, centre of glacier studies, centre of disaster management and centre Geo-informatics.

52. Future plans of the department:

- Enhancing of space for Environmental sciences laboratories
- Expansion computational facilities at the centre by procuring high end servers/clusters for remote sensing and GIS labs and mathematical modelling
- To attract students from various science disciplines to encourage inter-disciplinarily in the centre.

- To establish the experimental laboratory facility for data generation and validation.
- To encourage Industry-academia ventures.
- To run short term diploma course in disaster management and remote sensing and GIS- skill development program

Department of Hindi & Indian Languages

1. **Name of the Department:** Hindi & Indian Languages

2. **Year of establishment :** 2012

3. **Is the Department part of a School/Faculty of the university?:** Yes, it is part of School of Humanities & Languages.

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):** PG, Research Degree Programme (PhD).

5. **Interdisciplinary programmes and departments involved:** Since inception, we follow Choice-Based-Credit System which gives our students the freedom to choose courses from other schools and departments. In that sense, we encourage participation of students from disciplines like English, Library Sciences, Sanskrit, Journalism, Travel and Tourism Management, Education, etc.

MA Hindi	
Core Courses: Core Compulsory	
Course	*Title*
HIL 440	Hindi Sahitya ka Itihaas: Aarambh se Reetikaal Tak
HIL 401	Khadi Boli ke Purv ka Kavya:Neeti Kavya Ram Kavya, Krishna Kavya, Sufi
HIL 408	Hindi ki Utpatti, Vikas aur Bolian: Purani Hindi, Dakkini, Bhasha Parichay
HIL 410	Kahani
HIL 430	Sahityik Siddhant:Prachin
HIL 442	Pashchatya Sahitya Sindhant
HIL 409	Upanyaas
HIL 444	Swatantrayottra Hindi Kavya
HIL 510	Adikaleen Sahitya
HIL 447	Reetikavya
HIL 417	Naatak aur Rangmanch: Hindi Natak, Natya Roopantar, Other Languages on Hindi Literature
Core Courses: Core Open	
HIL 406	Khadi Boli ka Kavya: Hindi ki Lambi Kavitayen
HIL 403	Khadi Boli ka Kavya: Rashtra aur Kavita
HIL 503	Vimarsh Vishleshan (Discourse Analysis)
HIL 426	Tulnatmak Sahitya:Hindi aur Bhartiya Sahitya
HIL 431	Sahityik Siddhant: Aadhunik aur Samkaleen
HIL 404	Khadi Boli ka Kavya: Prakriti Kavya
HIL 446	Nibandha
HIL 441	Hindi Sahitya ka Itihaas: Aadhunik Kaal

Elective Courses: Elective Specialization	
Specialization I: Sahityakaar evam Sahityik Vidha	
HIL 448	Hindi ke kisi ek Sahityakar ka Vishesh Adhyayan
HIL 449	Hindi Sahitya ki kisi ek Vidha ka Vishesh Adhyayan
HIL 501	Shodh Padhyati (Research Methodology)
HIL 504	Antah Pathiyata (Inter-Textuality)
HIL 499	MA Dissertation
Specialization II: Haashiye ke Sahitya	
HIL 420	Stri Lekhan
HIL 419	Dalit Lekhan:Vimarsh, Srijnatmak
HIL 508	Gender aur Lekhan
HIL 422	Lok Sahitya
HIL 449	Hindi Sahitya ki kisi ek Vidha ka Vishesh Adhyayan
HIL 499	MA Dissertation
Elective Courses: Elective Open	
HIL 450	Hindi ka Lokpriya Sahitya
HIL 451	Hindi Geet, Navgeet aur Ghazal
HIL 423	Hindi aur Jan Sanchaar Madhyam (including New Media)
HIL 418	Hindi Sahitya aur Cinema:Hindi ki Kritiyon aur Sahityakaron par film
Foundation Courses: Human Making	
HIL453	Sahitya aur Vyaktitva Vikas
HIL 458	Sahitya men Manaveeya Moolya
Foundation Courses: Skill Development	
HIL 429	Hindi ka Sarvjanik Kshetra
HIL 445	Patkatha Lekhan (Kathatmak evam Gair-Kathatmak)
HIL 434	Urdu Bhasha aur Sahitya Ka Parichayatmak Adhyayan
Integrated M. Phil- Ph.D Programme: PhD	

6. **Courses in collaboration with other universities, industries, foreign institutions, etc**.: NIL

7. **Details of programmes discontinued, if any, with reasons**: NIL

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:** Semester (comprising Mid-Term and End-Term Examination)

9. **Participation of the department in the courses offered by other departments:**

Sr. No.	Course Code	Courses Taught	Name of the Department
1.	LIS 410	Fundamentals of ICT	Library Sciences
2.	EEL 438	Short Stories from Around the World	English
3.	TTR 415	Environmental Education	Special Education
4.	EEL 414	Advanced Oral Communicative Skills in English	English
5.	TTR 411	Education of Children with Special Need	Special Education
6.	JCW 523	Media & Social Issues	Maths, JCW,
7.	MCE 408	Writing for New Media	Maths, JCW
8.	JCW 535	Education of Women	Maths, JCW

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (Including CAS & MPS
Professor	1	0	0
Associate Professor	2	0	0
Assistant Professor	4	2	2
Others	0	0	0

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialisation	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr.Sayema Bano	NET, Ph.D. [B.H.U], Two Year U.G.-Diploma in Urdu, English, Arabic and Shastri in Sanskrit	Assistant Professor	Hindi Ghazal, Literary Theory, Sufism	4 years	PhD: 03
Chandrakant	JRF, M. Phil	Assistant	Contemporary	3 years	None

Singh		Professor	Hindi Poetry		

12. **List of Senior Visiting Fellows, adjunct faculty, emeritus professors:**
    Prof. Om Awasthi (Adjunct Professor)

13. **Percentage of classes taken by temporary faculty – programme-wise information:**
    NIL

14. **Programme-wise Student Teacher Ratio**

Year	RD Students	PG Students	Student-Teacher Ratio	
2012	4	0	4:1(RD)	
2013	3	3	3:1 [RD], 3:2 (PG)	
2014	3	7	3:1 [RD], 7:2 (PG)	
2015	3	14	3:1 [RD], 7: 1 (PG)	

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Name of Post	Filled	Remarks
DEO	1	Temporary
Peon	1	Temporary

16. **Research thrust areas as recognized by major funding agencies :** None

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:** NIL

18. **Inter-institutional collaborative projects and associated grants received**

    a) **National collaboration**   b) **International collaboration**
    NIL

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:** Nil
    Projects are in the pipeline

20. Research facility / centre with

1 state recognition
2 national recognition
3 international recognition

We have e-journals and e-library, and our researchers have access to Easy Proxy, which enables them in their research.

21. Special research laboratories sponsored by / created by industry or corporate bodies: NIL

22. Publications:

Sr. No.	Type of Publications	Published	Accepted	Communicated
1	Reference Books with ISBN No.	2	-	2
2	Text Books with ISBN No.	Nil	-	-
3	Edited Books with ISBN No.	Nil	-	-
4	Research Papers in refereed international journals with ISSN NO.	1	-	1
5	Research Papers in refereed national journals with ISSN NO.	3	2	1
6	Papers in other international journals with ISSN NO.	Nil	-	-
7	Papers in other national journals with ISSN NO.	5	-	-
8	Chapters in edited books with ISBN No.	4	-	1
9	Articles in national magazines/newspapers	6	-	-
10	Articles in regional/local magazines/newspapers	2	-	-
11	Papers presented in International Seminars / conferences	5	-	1
12	Papers published in proceedings of international seminars / conference	1	1	-
13	Papers presented in national seminars/conferences	11	-	-
14	Papers published in proceedings of national seminars / conference	1	-	-
15	Monographs	-	-	-
16	Citation Index	-	-	-
17	SNIP	-	-	-
18	SJR	-	-	-
19	Impact Factor (range/average)	-	-	-
20	h-index	-	-	-

Important Note: Please furnish details of each publication clearly mentioning the title, co-authors, publisher, journal, volume, issue, impact factor of the articles/papers and year of publication

23. **Details of patents and income generated** : Not Applicable

24. **Areas of consultancy and income generated:** NA

25. **Faculty selected nationally / internationally to visit other laboratories / institutions**

    1 industries in India and abroad : NA

26. **Faculty serving in** : None

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Sr. No.	Title of the Program	Organising Institution	Date/ Year	No. of weeks	Grade
1.	Dr. Sayema Bano Attended an Orientation Programme	Academic Staff College, B.H.U.	3-30 June 2015	04	A

28. **Student projects**

Sr. No.	Supervisor	In-house Projects	Name of Student	Title of Project	Year
1.	Chandrakant Singh	MA Dissertation	Chaman Singh	Omprakash Valmiki ke Kavy-Sangrah *Áb Aur Nahin* Men Dalitbodh	2015
2.	Chandrakant Singh	Community Lab (Project Report)	Chaman Singh	Hindi Bhasha ka Sarvekshan[Kangra Jile ke Ghatnalu Ganv ke Vishesh Sandarbh]	2015
3.	Chandrakant Singh	Community Lab (Project Report)	Pooja Davi	Jansanchar ki Bhumika evam Prabhav [Kangra Jile ke Baag Ganv ke Vishesh Sandarbh men]	2015

4.	Dr Sayema Bano	MA Dissertation	Pooja Davi	Mannu Bhandari ke Kahani-Sangrah 'Main Haar Gai' Me Stri-Chatna	2015
5.	Dr Sayema Bano	MA Dissertation	Shalini	Harnot ke Kahani-Sangrah 'Litin Blak Gir Raha Hai' ka Samvednatmak Vishleshan	2015
6.	Dr Sayema Bano	Community Lab (Project Report)	Shalini	Siyun Ganv ki Striyon ki Samajik Sthiti:Ek Sarvekshan	2015

29. **Awards / recognitions received at the national and international level by**

Sr. No.		Title of the award/honours/fellowships	Year	Awarding Agency
	Faculty			
1	Chandrakant Singh	First prize in International Poetry Competition	2013	World Hindi Secretariat, Mauritius
1.	Dr Sayema Bano	First prize in Vishwa Hindi Sammelan [region 5 India], International Poetry Competition	2013	World Hindi Secretariat, Mauritius
2	Dr Sayema Bano	Second Prize in a poetry Competition	2013	Nagar Rajbhasha Samiti , Dharmshala
3	Dr Sayema Bano	Three Radio Talks broadcasted by 'AKASHVANI'	2010	AKASHVANI, Varanasi
4	Dr Sayema Bano	Second Prize in an extempore Speech Competition in 'Hindi Pakhvada'	2013	CUHP
5	Dr Sayema Bano	Mahadevi Verma Vishesh Rachanatmkta Puraskar	2004	Banaras Hindu University
6	Dr Sayema Bano	More than 25 awards and prizes at national level	2000-2006	Bharat Sarkar & Deferent Awarding Agencies
	RD Scholars			
1.	Ravi Kumar Goan	Sumitranandan Pant Rashtriya Samman	2015	Pallav Kavy Manch,Rampur
2.	Ravi Kumar Goan	Sahity Shirimani	2012	Vikramshila Hindi

					Vidyapeeth
3	Ravi Kumar Goan	Gyanoday Sahity Bhushan Samman	2014		Gyanoday Sahity Sansthan, Karnataka

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any.

Sr. No.	Title of the Seminars/ Conferences/ workshop	National/ International	Date/Year	No. of Days	Sponsoring Agency
1.	Dr Sayema Bano was an Organizing Committee Member in Seminar on 'Jammu Kashmir-A New Discourse'	National	9-11 October 2015	3	CUHP & JNKSC
2	Chandrakant Singh & Dr Sayema Bano were an Organizing Committee Members in One Weak 'Hindi Pakhwada'	National	2015	07	CUHP
3	Chandrakant Singh & Dr Sayema Bano were an Organizing Committee Members in One Weak 'Hindi Pakhwada'	National	2014	07	CUHP
3	Chandrakant Singh & Dr Sayema Bano as Convenor, organized One Day Workshop on 'Stri Vimarsh-Dasha Aur Disha'	National	15 Januarary 2015	1	CUHP
4	Chandrakant Singh & Dr Sayema Bano as Convenor, organized One Day Workshop on 'Rachnatmakta–Rachnakar Se Rachna Tak'	National	2 February 2015	1	CUHP
5	Chandrakant Singh & Dr Sayema Bano as Convenor, organized One Day Symposia on ' Pravasi Hindi Sahitya:Samasyaen aur Sarokar '	National	13 May 2015	1	CUHP
6	Chandrakant Singh & Dr Sayema Bano as Convenor, organized One Day Symposia on 'Hindi Sahity Aur Cinema: ke Antah Sambandh	National	17 April 2013	1	CUHP

31. Code of ethics for research followed by the Department

- We have prepared guidelines for research and we try to follow them in letter and spirit.
- We believe that any Research Venture that Department undertakes should be beneficial to society.
- Research, even when dealing with literary texts of various periods, should be made relevant to contemporary times.
- Objectivity is of paramount importance.
- Understanding of literature should be holistic before any specialized foray is made into it.

32. Student profile programme-wise:

S. no.	Year	No of Applications For RD	No of Applications for PG	No of Selected Candidates in RD		No of Selected Candidates in PG		Pass Percentage in RD		Pass Percentage in PG	
				Male	Female	Male	Female	Male	Female	Male	Female
	2012	04	00	01	03	00	00	00	00	00	00
2.	2013	00	05	01	02	02	03	01	02	01	02
3.	2014	00	09	00	00	02	07	01	02	01	06
4.	2015	00	16	00	00	04	12	01	02	03	11

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MA	0	100	0	0
RD	0	66.33	33.33	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

S.no.	Name of Student	Name of Exam	Year of Passing	Remarks
1.	Asha Kumri	JRF	2012	
2.	Poonam Devi	JRF	2010	
3.	Ravi Kumar Goan	NET	2010	
4.	Chaman Singh	JRF	2015	

35. **Student progression:** CUHP has a policy against in-breeding; so, it does not encourage PG students pursuing research in the parent institute.

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	A Student Appointed as Assistant Professor in Chuvadi College
☐ Campus selection	
☐ Other than campus recruitment	
Entrepreneurs	

36. **Diversity of staff**

Percentage of Faculty who are graduate	
Of the same university	0
From other universities within the state	0
From universities outside the state	100
From universities outside the country	0

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**: NIL

38. **Present details of departmental infrastructural facilities with regard to**

1 **Library:** We have centralised library and e-resources. Students and faculty are facilitated with EzyProxy,

2 **Internet facilities for staff and students:** The students are provided Wi-Fi access, and the faculty are provided with desktops and laptops

Total number of class rooms: Classrooms are allotted and are made available as per requirement.

g) Class rooms with ICT facility: ALL
h) Students' laboratories: Soon we will have a language laboratory
i) Research laboratories**:**

39. **List of doctoral, post-doctoral students and Research Associates:**

1 from the host institution/university NIL
2 from other institutions/universities

S No	Name	Programme of Study	Year of Enrolment
1.	Asha Kumri	RD	2012
2.	Poonam Davi	RD	2012
3.	Ravi Kumar Goan	RD	2012

40. **Number of post graduate students getting financial assistance from the university**:

S No	Name
1.	Pooja Davi
2.	Priya
3.	Bhavna

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

- We hold extensive discussions with students and faculty prior to introducing new courses.
- Programmes and courses are designed in view of the latest CBCS.
- Programs are introduced only after Department wide and University wide consultations.
- Before introducing the news courses, approval of BoS as well as School Board is obtained.

42. **Does the Department obtain feedback from**

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? : During regular departmental meetings feedback is taken, and this is sent to the Board of Studies, and the changes suggested are incorporated.

Students on staff, curriculum and teaching-learning-evaluation and how does

the department utilize the feedback? : Students are encouraged to share their opinions on faculty, course content, and programme at the end of each semester. The faculty are given individual as well as collective feedback. During departmental meetings.

Alumni and employers on the programmes offered and how does the department utilize the feedback? : An alumni meeting is organised, and feedback is collected. During departmental meetings, the feedback is analysed, and is taken accordingly. Similarly, letters are sent to the employers of the alumni, and feedback is invited from them regarding their efficiency and work-culture. The feedback is acted as per need and usefulness.

43. **List the distinguished alumni of the department (maximum 10)**

44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

Sr. No.	Title of the Seminars/ Conferences/ workshop	National/ International	Date/Year	No. of Days	Sponsoring Agency
1.	One Day Workshop on 'Stri Vimarsh-Dasha Aur Disha'	National	15 January 2015	1	CUHP
2	One Day Workshop on 'Rachnatmakta–Rachnakar Se Rachna Tak'	National	2 February 2015	1	CUHP
3	Symposia on ' Pravasi Hindi Sahitya:Samasyaen aur Sarokar '	National	31 May2015	1	CUHP
4	Symposia on 'Hindi Sahity Aur Cinema: ke Antah Sambandh	National	April 17, 2013	1	CUHP
5	Invited Lecture by Professor Apoorvanand, Dept. of Hindi, Delhi University on "Sahishnu Samaj mein Vishwavidyalaya ki Bhoomika"	National	October 28, 2013	1	CUHP
6	Invited Lecture by Professor Harish C. Narang, Formerly Head, Department of English, JNU, New Delhi on "Ethics in Writing, Teaching and Research	National	October 29, 2013	1	CUHP
7	Workshop on Creative Writing by Prof. Arlene Plevin, USA.	National	25 August 2015	1	CUHP
8	Two Day Workshop on "Literary Theory"	National	January 21-22,	1	CUHP

			2015		
9	Invited Lecture by Professor Chandra Mohan on "Recent Trends in Literature and Research"	National	6 June 2014	1	CUHP
10	Invited Lecture by Professor Gurupadesh Singh, Department of English, GNDU, Amritsar	National	15 October 2013	1	CUHP
11	Invited Lecture by Professor Anil Raina, Dept. of English and Cultural Studies, Panjab University, Chandigarh on on "Author in Literary Theory".	National	October 15, 2013	1	CUHP
12	Invited Talk by Professor Arlene Plevin, Department of English, Olympic College, Bremerton, Washington State (U.S.) on "Creativity, Compassion, Kindness, Culture, Ideology, and Activism" under IN CONVERSATION SERIES	International	November 25, 2013	1	CUHP
13	Creative Writing Workshop by Prof. Arlene Plevin, USA.	International	15 May 2012	1	CUHP

45. List the teaching methods adopted by the faculty for different programmes.
- Traditional Method
- Lecture Method
- Interactive Method
- Use of ICT
- Socratic Method
- Classroom Seminar
- Presentation
- Group Discussion
- Quiz

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- Continuous evaluation system
- HOD meeting students mid-semester

47. Highlight the participation of students and faculty in extension activities.

- Community Lab: By including this in the curriculum, students are encouraged and

enabled to move out of classrooms and interact with the community of which they are a part. This results in students understanding society, and combating social ills.

- Swachch Bharat Abiyaan

48.   **Give details of "beyond syllabus scholarly activities" of the department.**
    - Lectures Delivered in other Educational Institutions NIL
    - Papers Presented – along with titles

    Mr.Chandrakant Singh

Sr. No.	Title of the Seminars/ Conferences/ workshop	National/ International	Organising Institution	Date/ Year	No. of Days	Sponsoring agency
1	Ramvilas Sharma Evam Vishnu prabhakar ka vividhonmukhi Sahitya (seminar)	National	Hansraj college, Delhi University	28-29 March 2012	2	U.G.C.
2	Stri sahitya ka saundarya sastra aur hindi sahitya (seminar)	National	PG DAV College (Evening) Delhi university	22-23 February 2012	2	U.G.C.
3	Hindi sahitya aur paryavarniya Samvedana (seminar)	National	PG DAV College (Evening) Delhi university	22-23 march 2013	2	U.G.C.
4	Cinema aur samajik sarokar	National	Govt. College Kullu, HP	4-5 december, 2013	2	Indian council of social science Research
5	Samkaleen Hindi kavita mein bhatritva bhav evam manveey garima ki pratistha	International	Hindi Department, Lucknow University	22-23 February,2014	2	Higher Education Department, U.P GOVT.
6	Samkaleen Hindi kavita mein chitrit prakriti chetna	National	D.A.V. (P.G) COLLEGE, Dehradun	7-8 December, 2014	2	U.G.C.
7	Samkaleen hindi dalit kavita aur Samajik sarokar	International	JNV University, Jodhpur	10-11 January 2015	2	Indian council of social science research &

						U.G.C.
8	Sant ravidas ka samajik chintan	International	J.N.U. NEW DELHI	23-24 February, 2015	2	Language,Literature,& culture Study forum JNU

Dr. Sayema Bano

Sr. No.	Title of the Seminars/ Conferences/ workshop	National/ International	Organising Institution	Date/ Year	No. of Days	Sponsoring Agency
1.	'Uttar Samay Men Stri Pratirodh Aur Sangharsh Chetna'	National	B.H.U. , Varanasi	30-31 March , 2015	2	B.H.U.
2	'Samkaleen Vimarsh SamajikSanskritik Paridrishya'	International	J.N.V. University, Jodhpur	10-11 January 2015	2	U.G.C. & J.N.V. University
3.	'Lok Sahitya Aur Sanskriti: Samarthy Aur Chunautiyan'	International	B.H.U. , Varanasi	30,31 January 2014	2	Sahitya Akadmi & B.H.U.
4.	'Allama Iqbal Ki Shayari Aur Karnamen'	National	B.H.U. , Varanasi	9-10 November 2012	2	B.H.U.
5	'Impact of Romanticism on Urdu Literature'	National	M.G.K.V. University, Varanasi	27-28 February	2	U.G.C.
6.	'21vin Sadi ki Hindi Samkaleen Vimarsh'	National	B.H.U. , Varanasi	23-24 January 2012	2	Kendreey Hindi Sansthan, Agra
7.	Agyey Prakriti Evam Prasangikta	National	B.H.U. , Varanasi	7 March 2011	1	B.H.U.
8.	Shamsher Aur Adhunikta	National	B.H.U. , Varanasi	9-10August 2011	2	B.H.U.
9.	Samtamoolak Samaj ke Nirman Me Dalit Chintan ki Bhumika	National	B.H.U. , Varanasi	21-22 February	2	B.H.U. Vishvn

10	Vishv Hindi Sammelan	International	Home Ministry	2011 10-12 Septe mber 2015	3	Government of India

- **Papers published**

Mr. Chandrakant Singh

BOOKS: 1
a) Reference Book- 01
Arun Kamal Ki Kavitaon Men Pratirodh Ka Svar, ISBN no.. 978-81-8390-092-8, Abhishek Prakashak,2012
Chapter(S) in Books: 1
Hindi Sahitya mein paryavaran chetana ke vividh aayam, " samkaleen Hindi kavita mein prakriti chetna", Master mind publication, 2014, ISBN : 978-81-7563-472-5

RESEARCH PAPERS IN REFEREED NATIONAL JOURNALS:

1. *Anbhay Sancha,* ''phir bhi mai karta hu pyar'',volume no. 24 page no.158-161,October-December,2011 *2.* Alochana,''kavi kedarnath Agrawal aur Aaj ki Hindi Kavita'', volume no. 42,page no.119-123 July-September 2011. 3. Aajkal, 'mein samay ki dhar mein dhaskar khada hoon'', volume no.1,page no.47-48,may 2011 4. ISPATIKA, '' Samakaleenta k rang aur Hindi kavita mein kisan'',January-june,2014

Dr. Sayema Bano

BOOKS: 1
a) Reference Book- 01
- *Samkaleen Hindi Ghazal:Pahchan Aur Parakh,* Kala Prakasham, Varanasi, 2013, ISSN No. 9789381698976
Chapter(S) in Books: 2

1 "Rahi Ki Ghazalon ka Samvedna Sansar",RahimasoomRaza:Krititv aur Moolyankan, Edi. Mandhata Ray and Hitendr Kumar Mishr, Vjay Prakashan,Varanasi, 2011, ISSN No. 9788192094359
2, *"Hindi Ghazal Sampradayikta ke Khilaf Ek Jang", Sampradayik Sauhardata Aur Hindi Sahitya* , Issn no.978-93-81433-28-7, Editor . Dr. Ashok Bachulkar ,. Shruti Publication, Jaypur,2014
RESEARCH PAPERS IN REFEREED INTERNATIONAL JOURNALS: 1
"A Glimpse of Kabir's Philosophy in Developing Human Values through the Process of Enlightenment", INTERNATIONAL JOURNAL OF ENGLISH LANGUAGE, LITERATURE AND HUMANITIES , ISSN 23217065 2014
RESEARCH PAPERS IN REFEREED NATIONAL JOURNALS: 2
1. " *KI KHOONE DIL ME DUBO LIN HAIN UNGLIYAN MAINE",* APURVA, Research Journal,VO 16,BHU
2.*"Hindi Ghazal Ka Bhashik Yatharth", Alaaw,Vol. 45, ISSN No. 2278548,May-Aug 2015*
PAPER PUBLISHED IN PROCEEDINGS of International Conference: 1
"Himachali Lokgeeton Men Pravahit Jeevan Samvedna", Shabdarth, vol.10, July2014, ISSN no. 22721832

49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.** : NO

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied:** NA

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

    Strengths:
    1. Emphasis on developing creative as well as critical faculties of students via exposing them to a range of literary texts and also grounding them rigorously in literary theory
    2. Highly competent and dedicated faculty
    3. Personal Mentoring
    4. Healthy Dialogue and Discourse Culture
    5. Congenial Learning-teaching Environment

Weaknesses:

i) Constricted Space

ii) Lack Departmental Library

iii) Lack of Teaching Staff

Opportunities:

i)   Since we have Departments such as English, Sanskrit, and Education, we plan to prepare and offer courses collaboratively.

j)   There is a lot of scope for developing interdisciplinary approaches.

iii) Our doors are open to host post-doctoral researchers

iv) We can collaborate with neighbouring universities in organizing seminars/ conferences/ workshops

Challenges:

1. Getting students genuinely interested in Hindi literature.
2. Helping them understand basics of Hindi Language & literature.
3. To prepare students for competitive examination.
4. To develop interdisciplinary approaches of them.

52.   Future plans of the department.

- Board of Studies and School Board Meetings at regular intervals
- *Kavi Sammelan*
- National Seminar
- International Conference
- Start an MPhil Programme in Hindi
- Start Hosting Post-Doctoral Fellows in the Department
- Publish a Journal
- Publish a Magazine or a News-Letter

Department of Journalism & Creative Writing

1. **Name of the Department:** Journalism & Creative Writing

2. **Year of establishment:** 2011

3. **Is the Department part of a School/Faculty of the university?** Yes

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**

   PG - Journalism & Creative Writing, PhD – Journalism & Creative Writing.

5. **Interdisciplinary programmes and departments involved** -We are following CBCS.

Department of Journalism and Creative Writing		
Post Graduate Programme (M.A. Journalism and Creative Writing)		
CORE COURSES:	*CORE COMPULSORY* *(Total 40 Credits)*	**Credits**
JCW 404	News Report Writing	4
JCW 414	Principles of Mass Communication	4
JCW 547	Development Communication	4
JCW 405	Computer Applications for Journalism	4
JCW 536	Writing for Journalists	4
JCW 412	Designing & Editing in Print Media	4
JCW 502	Photo Journalism	4
JCW505	Advertising	4
JCW 547	Mass Media Research	4
JCW530	Media Internship	4
CORE Open	*CORE OPEN* *(Total 12 Credits)*	
JCW407	Media Management and News Paper Production	4
JCW406	Feature and Creative Writing	2
JCW507	Film Appreciation	2
JCW521	Media Laws &Ethics of Journalism	4
JCW529	Editorial Writing	2
JCW543	Intercultural Communication	4
JCW403	Evolution of Communication and Journalism	4
JCW522	Media and Human Rights	2
JCW556	Communication Models and Theories	4
JCW555	History of Journalism	4
Specialization	**Group-1 Advanced Media Studies**	**Total- 16 Credits**
JCW504	Public Relations	4
JCW502	Web Journalism	4

JCW539	Basics of Corporate Communications	4
JCW535	Women and Media	4
Specialization	**Group-2 New Media and Film Studies**	**Total -16 Credits**
JCW540	Data Journalism	4
JCW553	Visual Communications	4
JCW537	Online Advertising	2
JCW538	History of Indian Film	2
JCW542	Indian Parallel Cinema	2
JCW551	Writing Screenplays	2
Specialization	**Group-3 Specialized Journalism Genres**	
JCW509	Political Journalism	4
JCW510	Legislature Journalism	4
JCW512	Crime Journalism	4
JCW513	Business Journalism	4
JCW514	Environment Journalism	4
JCW515	Art and Culture Journalism	4
JCW516	Celebrity Reporting Journalism	4
JCW517	Film Journalism	4
JCW518	Life Style Journalism	4
JCW519	Sports Journalism	4
JCW520	Citizen Journalism	4
	University Wide ELECTIVE OPEN (Total 04 Credits)	
JCW548	Blogging	2
JCW408	Media and Gender	2
JCW402	Development Communication	4
JCW523	Media and Social Issues	2
JCW535	Women and Media	4
JCW528	Science and Environment Journalism	4
JCW551	Writing Screenplays	2
Foundation Courses:	*HUMAN MAKING*	
JCW408	Media and Gender	2
Foundation Courses:	*SKILL DEVELOPMENT*	
JCW548	Blogging	2
JCW406	Feature and Creative Writing	2
JCW529	Editorial Writing	2

a. **The department is offering these courses for other departments**

- Mass Communication & Electronic Media

- MBA
- English
- Environment Sciences
- Library Science
- TTM
- MSW
- Mathematics
- IT
- Hindi
- Education
- Social Work

b. **Students are taking courses from other departments**
- Mass Communication & Electronic Media
- English
- MBA
- Social Work

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
- The department is exploring collaborations with institutes like IIMC.

- Bachelor of Vocation in Journalism was approved under the Deen Dayal Upadhyaya Grameen Kaushalya Kendra (KAUSHAL). Under this programme the department will collaborate with the media industry/institutes to implement BVoc in Journalism.

7. **Details of programmes discontinued, if any, with reasons:** Nil

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:** CBCS Semester

9. **Participation of the department in the courses offered by other departments:**

- Mass Communication & Electronic Media
- English
- MBA
- Social Work

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

Post	Sanctioned	Filled	Actual (including CAS * MPS)
Professor	1	Nil	
Associate Professor	2	**1**	
Asst. Professor	4	**3**	
Others	2	Nil	

11. **Faculty profile with name, qualification, designation, area of specialization,experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ MPhil. Students guided for the last 4 years
Dr.Manukonda Rabindranath	MJMC, LLM, PhD Journalism&Mass Communication.	Associate Professor	Ad & PR	17	4
Dr. Archna Katoch	Ph D (Journalism)	Assistant Professor	Development Communication	5	2
Harsh Mishra	Ph.D.	Assistant Professor	Corporate Communications	2	Nil
Harikrishnan B	MCJ	Assistant Professor	Journalism Studies, New Media and Culture, Visual Studies	2 years	Nil

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors**

- Prof. J. Jethwaney, Head Public Relations, IIMC, New Delhi

- Prof. Geeta Bemazai, Head Communication Research, IIMC, New Delhi

- Prof. Obaid Sidddiqui, Director MCRC, Jamia Millia Islamia University, New Delhi

- Prof. Iftekhar Ahmad, Director, EMPC, IGNOU, New Delhi

13. **Percentage of classes taken by temporary faculty – programme-wise information**

- Part time faculty/ Guest lecturers were engaged during the initial days of the Department.

- But as of now, there are no part-time faculties in the department.

14.   **Programme-wise Student Teacher Ratio:** 1:3

15.   **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Post	Sanctioned	Filled	Actual (including CAS & MPS
Clerk	---	-----	
Peon	-----	-----	

At present, a Data Entry Operator is working as an outsourced employee

16.   **Research thrust areas as recognized by major funding agencies**

- Social Media – Applied for Funding agency (ICSSR)

- Media and Women - Applied for Funding agency (UGC)

17.   **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:** Nil

18.   **Inter-institutional collaborative projects and associated grants received**

- Exploring the Inter-institutional collaborative projects

a) National collaboration b) International collaboration: Nil

19.   **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

- Applied for funding from UGC and ICSSR

20.   **Research facility / centre with**

• State recognition -- Nil

• National recognition --- Nil

- Media Research Lab

- E-Resources – Springer, JStor, JGate, Emerald, Elsevier.etc

- E- Journals – from Sage, Cambridge and Taylor & Francis, etc

- Hard Copies of the Journals like:

    - Journalism Quarterly
    - Journalism and Mass Communication Quarterly
    - New Media and Society

- Advertising
- Media Watch

• International recognition ----Nil

21. Special research laboratories sponsored by / created by industry or corporate Bodies: Nil

22. Publications:

∗ Number of papers published in peer reviewed journals (national /international)

Sl No.	Name	Research Papers	Chapters in Books	Total
1	Dr.Manukonda Rabindranath	17	3	20
2	Dr.Archna Katoch	10	7	17
3	Mr. Harikrishnan	14	1	15
4	Mr. Harsh Mishra	3	1	4

Total- 56

- Monographs
- Chapters in Books
- Edited Books
- Books with ISBN with details of publishers

Detail of publication is as follow:

I. Dr. M.Rabindranath

1. "News Reporting: Techniques and Trends" ISBN 978-3-8484-1209-9, LAMBERT Academic Publishing, Germany-2012.

2. "Editing: Principles and Practices" 978-81-8484-321-7-Regal Publications, Jaipur - 2013.

∗ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social,Sciences Directory, EBSCO host, etc.)

∗ Citation Index – range / average

∗ SNIP

∗ SJR

∗ Impact Factor – range / average

∗ h-index

23. **Details of patents and income generated:**Nil

24. **Areas of consultancy and income generated:**

Department has offered free consultancy with Divya Himachal and Dainik Jagaran organizations.

25. **Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad**

The faculties of the department were selected for invited lectures/symposium in institutions of national/regional importance like:

I. **Dr. M.Rabindranath**

- Invited for Symposium at Indian Institute of Advanced Studies, Shimla.

- Invited Lectures – ICSSR Research Methodology Workshop – Dept. of Education-CUHP.

- Invited for a talk on Corporate Social Responsibility - North Zone Public Relations Conference- Shimla - Himachal Pradesh.

- Invited Lectures – ICSSR Research Methodology Workshop-Dept. of Social Work-CUHP.

- Invited Lectures – ICSSR Research Methodology Workshop-Dept. of Travel and Tourism-CUHP.

- Invited Lectures at Government Teacher Training College- Dharamshala-H.P.

- Invited Lecture at Community Radio Workshop – CEMCA- Delhi at Dharamshala, H.P.

- Invited Lecture at National Book Trust-Dharamshala, H.P.

II. **Dr.Archna Katoch**

- Invited Lecture–ICSSR Research Methodology Workshop-Dept. of Travel and Tourism-CUHP.

III. **Dr. Harsh Mishra**

- Invited Lectures at Government Teacher Training College - Dharamshala-H.P.

26. **Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify) –**

Dr. Manukonda Rabindranath - Member, School Board- Media Studies-Central University of Kashmir

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Sl No.	Name of the faculty	Orientation Programmes	Refresher Programmes	Other Programmes
1	Dr.Manukonda Rabindranath	1	--	4
2	Dr.Archna Katoch	1	--	3
3	Mr. Harikrishnan	--	--	2
4	Mr. Harsh Mishra	1	--	4

Total Programmes – 16

1. Dr. Manukonda Rabindranath - 5

1. Orientation Programme- UGC-ASC-North East Hill University -Shillong

2. Training Programme/Workshop on Community Radio-CEMCA, Delhi at Dharamshala. H.P.

3. Workshop/ Training Programme on Film Appreciation by Film and Television Instittute of India - Pune, at Dharamshala, H.P.

4. Workshop at National Consultation on Critical Appraisal Skills for Media Reporting - *Media & Public Health* with Special focus on Routine Immunization, Organized by UNICEF & *Oxford University & The George Institute for Global Health.*

5. Workshop and Training cum Orientation Programme on *Media and Accessibility* Organised by AYJNIHH-Mumbai (Govt. of India, Ministry of Social Justice and Empowerment) in Collaboration with School of Journalism, Mass Communication and New Media, Central University of Himachal Pradesh, Dharamshala, Kangra.

2. Dr. Archna katoch - 4

1. Two weeks National Workshop 'Capacity Building Programme for Faculty' organized by Department of Marketing & Supply Chain Management, School of Business Management Studies, Central University of Himachal Pradesh, sponsored by ICSSR, New Delhi from 9th -22nd December, 2013.

2. Attended UGC sponsored Orientation Programme, organised by Academic Staff College, Himachal Pradesh University, Shimla held from 02.06.2014 to 28.06.2014.

3. Ten day Workshop on Research Methodology in Social Science organized by CUHP, funded by ICSSR, from May 19 to 29, 2013.

4. Workshop and Training cum Orientation Programme on *Media and Accessibility* Organised by AYJNIHH-Mumbai (Govt. of India, Ministry of Social Justice and Empowerment) in Collaboration with School of Journalism, Mass Communication and New Media, Central University of Himachal Pradesh, Dharamshala, Kangra.

3. Dr. Harsh Mishra - 5

1. Orientation Programme (OP - 116) from 2nd July, 2014 to 31st July, 2014, organised by Academic Staff College, University of Lucknow.

2. ICSSR sponsored Two-Week Capacity Building Programme from 16th March, 2015 to 28th March, 2015, organised by the Department of Social Work, University of Lucknow

3. Ten day Workshop on Research Methodology in Social Science organized by CUHP, funded by ICSSR, from May 19 to 29, 2013.

4. Workshop at National Consultation on Critical Apprisal Skills for Media Reporting - *Media & Public Health* with Special focus on Routine Immunization, Organized by UNICEF & *Oxford University & The George Institute for Global Health.*

5. Workshop and Training cum Orientation Programme on *Media and Accessibility* Organised by AYJNIHH-Mumbai (Govt. of India, Ministry of Social Justice and Empowerment) in Collaboration with School of Journalism, Mass Communication and New Media, Central University of Himachal Pradesh, Dharamshala, Kangra.

4. Mr. Harikrishnan B. - 2

1. Ten day Workshop on Research Methodology in Social Science organized by CUHP, funded by ICSSR, from May 19 to 29, 2013.

2. Workshop and Training cum Orientation Programme on *Media and Accessibility* Organised by AYJNIHH-Mumbai (Govt. of India, Ministry of Social Justice and Empowerment) in Collaboration with School of Journalism, Mass Communication and New Media, Central University of Himachal Pradesh, Dharamshala, Kangra.

28. **Student projects:• percentage of students who have done in-house projects including interdepartmental projects**

    100 % students are participating in in-house projects

    - News Promos for Electronic Media
    - In-house Lab Newspapers in Hindi and English
    - Short Documentaries

• **percentage of students doing projects in collaboration with other universities / industry / institute –**

    All students take up internships/projects in

    - Media Industry
    - Media Institutes
    - Advertising Agencies
    - Public Relations
    - Video Production Houses

29. **Awards /recognitions received at the national and international level by Faculty:** Nil

    - **Doctoral / post-doctoral fellows ----** Nil
    - **Students----** Nil

30. **Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

- Workshops   Organized Total – 14

Sl. No.	Name of Professor	Institute	Workshop days
1.	Prof. Geeta Bemazai	IIMC, New Delhi	1 day
3.	Prof. J. Jethwaney	IIMC, New Delhi	2 days
4.	Prof. Geeta Bemazai	IIMC, New Delhi	1 day
5.	Research Methodology Work shop - ICSSR	New Delhi	10 Days
6.	Prof . K.M. Shrivastva	IIMC, New Delhi	3 days
7.	Mr. Ramesh Sharma	Director- New Delhi Times	2 Days
8.	Ms. Ritu Sarin	Film Festival Director D/shala	1 Day
9.	Prof. J. Jethwaney	IIMC, New Delhi	2 Days
10.	Mr. Sashi Shekhar, Editor, Hindustan Times Media	New Delhi	1
11.	Mr.P.J. Sudhakar	AIR-New Delhi	2
12.	AYJNIHH - Mumbai (Govt. of India, Ministry of Social Justice and Empowerment)	Mumbai	2
13.	Prof. Jaya Sankar	TISS, Mumbai	2
14.	Mr. Ashok Raina	Tribune	1
15.	Mr. Ajit Kumar Jha	Associate Editor, The New Indian Express	1

31. **Code of ethics for research followed by the departments --**

- Department has a strict anti-plagiarism policy as far as research publication by faculty and research scholars are concerned.

- Research scholars are advised to stick to follow the code of ethics in the Research Progressive Monitoring Committee. (RPMC)

32. **Student profile programme-wise: MA(JCW),   PhD (JCW)**

Sl No.	Name of the Programme (refer to question no. 4)	Application received	Selected		Pass percentage	
			Male	Female	Male	Female
1.	2011-12	205				
2.	2012-14	109	3	5	100%	100%
3.	2013-15	138	3	2	66%	50%
4.	2014-16	181	2	3		
5.	2015-17	189	6	2		

6.	Ph.D 2013-16		2		-	
7.	2014-17		2	1		

33. Diversity of students

Name of the Programme M.A – Journalism and Creative Writing. (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MA (JCW)	Nil	**65%**	**35 %**	**Nil**
Ph.D. (JCW)	Nil	**25%**	**75%**	**NIl**

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Only two batches of students (total 12 students) have passed out from the department so far. Till date nobody has cleared any aforementioned competitive examinations.

35. Student progression

Student Progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	Nil **8**
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	Nil
from other universities within the State	25%
from universities from other State	75%
from universities outside the country	Nil

37.   Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Dr. Harsh Mishra was awarded PhD Degree – 1

38.   Present details of departmental infrastructural facilities with regard to

a) Library ---- Central Library

- E-Resources are available for the faculty at their office workstations

- Faculty can access E-resources even from outside the campus with the help of the proxy service facility in the library

b) Internet facilities for staff and students -Yes

d) Class rooms with ICT facility -Yes

e) Students' laboratories—Yes

f) Research laboratories/ Media lab - Yes

39.   List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university -- **Nil**

b) from other institutions/universities - **5**

1. Mr. Manish Sachan
2. Mr. Sujay Kapil
3. Ms. Geeta Kumari
4. Mr. M.B. Singh
5. Ms. Monika
6. Ms. Shreelatha
7. Mr. Suresh
8. Mr.Saroj
9. Mr.Vishaal Sharma
10. Mr. Hari Krishnan.

40.   Number of post graduate students getting financial assistance from the university.

Freeship, Department of Journalism & Creative Writing

Financial Year	Department	No. of Students (freeship)
2012-13	JCW	2
2013-14	JCW	2
2014-15	JCW	1
Total Students		5

Hundred percent financial assistance for all differently-abled students.

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

- At the establishment of the university, 25 eminent academicians across the country were invited for two day brain-storming sessions based on which the department was established.

- Informal discussion with the stake holders

42. **Does the department obtain feedback from**

a. **faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**

- Yes: It is done at the university level. The feedback is provided to the individual faculty there by the faculty will improve the teaching learning process.

- The faculty feedback will be shared in the Board of Studies and are considered for the decision making process.

b. **students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

- Teachers will know their Strengths and Weakness and tries to improve.

- Faculty uses the feedback for redesign the syllabus for specific programmes.

c. **alumni and employers on the programmes offered and how does the department utilize the feedback?**

- The department is organizing interaction sessions between students with the alumni so as to share their experiences.

- The department has planned to organize alumni meeting.

43. **List the distinguished alumni of the department (maximum 10)**

- Ankit Mahajan – Advertising Executive in Ogilvy and Mather

- Karan Pundir – A theatre activist in New Delhi

44. **Give details of student enrichment programmes (special lectures / workshops /seminar) involving external experts.**

Special Lectures Organized   Total - 10

Sl No.	Name of Professor	Institute	Special Lecture
1.	Prof. Subhash C. Dhuliya	IGNOU, New Delhi	1
2.	Prof. Arbind Sinha	MICA, Ahmadabad	1
3.	Prof. M. Kasim	Jammia Millia University	1

4.	Prof. Vir Bala Agrawal	HPU, Shimla	1
5.	Prof. Vir Bala Agrawal	HPU, Shimla	2
6.	Prof. Obaid Sidddiqui	JMI Uni, New Delhi	1
7.	Prof. Geeta Bamezai	IIMC, New Delhi	1
8.	Prof. Iftekhar Ahmad	IGNOU, New Delhi	1
9.	Mr. Michel Ginguld	CEO, Air Jaldi Networks	1
10.	Prof. M. Kasim	Jammia Millia University	1

45.   List the teaching methods adopted by the faculty for different programmes.

- PPts,
- Audio and Visual Clippings
- Seminars
- Quiz presentations
- Case – Studies
- Group Discussions
- Hands -on practice sessions.

46.   How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- We follow the continuous evaluation assessment of the university in order to ensure the objectives of the course are met.
- Surprise tests
- Sharing of information
- Discussions
- Assessment of midterm examinations
- Seminars
- Quizzes
- Case – Studies
- Group Discussions
- Weekly examinations

47.   Highlight the participation of students and faculty in extension activities. Manual for Self-study Universities

- Community Field visits
- Educational Tours
- Documenting programmes.
- Swach Bharath
- Report Writing
- News Letters

- Visit to media organizations
- Short films

48.   Give details of "beyond syllabus scholarly activities" of the department.

- Media Society Activities
- Volunteering for different activities like, film festivals etc.
- Screening world class award winning Films/documentaries and discussion on that.

49.   State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.   No

50.   Briefly highlight the contributions of the department in generating new knowledge,   basic or applied.

Interactions carried out with the working journalists and academicians during the workshops and lecture sessions, especially in the area of development reporting. It was inferred that there is a lack of development reporting in Indian media.

51.   Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength-
- Diversified area of specialization of faculty.
- Electronic Equipments

Weakness
- Functioning at national level both in expertise and performance despite the lack of adequate Space

Opportunities-
- Specialization opportunity for the students

Challenges
- Despite providing cutting edge training to the students, the remoteness of the place brings down their chances of finding industry interactions.

52.   Future plans of the department.

- To start new programmes in a multidisciplinary orientation
- Further interdisciplinary research.

***

Department of
Library and
Information science

1. **Name:** Department of Library & Information Science
2. **Year of Establishment:** 2010-11
3. **Is the Department part of a School/Faculty of the university?** Yes
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)** M.L.I.S. Dual Integrated Programme.,M.Phil Ph.D.
5. **Interdisciplinary programmes and departments involved :** None
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** None
7. **Details of programmes discontinued, if any, with reasons :** None
8. **Examination System:** Annual/**Semester**/Trimester/**Choice Based Credit System**
9. **Participation of the department in the courses offered by other departments**: **None**
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	1	1	1
Associate Professor	2	0	0
Assistant Professor	4	2	2
Others	0	0	0

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. I.V. Malhan	Bsc, M.lib.Sc, PhD	Professor	Knowledge Management, IT Application in Libraries.	38years	4 awarded & two ongoing
Dr. Dimple Patel	Ph.D. in Library & Information Science	Assistant Professor	Digital Libraries, Open Source Softwares, Multilingual Information Retrieval in Indic Languages.	8Years 3 Months	One (ongoing)
Sh. Nimmala Karunakar	B. Tech, M.Lib.I.SC	Assistant Professor	E-Learning, ICT application in LIS, Digital library systems and services	3years & nine months	None

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors** : None
13. **Percentage of classes taken by temporary faculty – programme-wise information :** None
14. **Programme-wise Student Teacher Ratio :** 5:1
15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :** None
16. **Research thrust areas as recognized by major funding agencies :** Digital Libraries, Knowledge Management
17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.** : None
18. **Inter-institutional collaborative projects and associated grants received** : None

    a) National collaboration   b) International collaboration

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received**. : None

20. **Research facility / centre with :**None

    • state recognition

    • national recognition

    • international recognition

21. **Special research laboratories sponsored by / created by industry or corporate bodies :**None

22. **Publications:**

Number of papers published in peer reviewed journals (national / international)

1 Amit Mahajan and I V Malhan, Impact of Information and Communication Technologies on Education Delivery; The Case of Global understanding course at the University of Jammu .In Global Partners in Education Journal4(1) April 2014, pp 25-32 ISSN 2163-758X

2 I V Malhan, "Challenges and Problems of Library and Information Education in India: an Emerging Knowledge Society and Developing Nation of Asia", IN 'Library Philosophy and Practice', December 2011 ISSN 1522-0222

3. I V Malhan, Challenges and problems of managing indigenous agricultural knowledge resources in India. In Indian Journal of Agricultural Library and Information Services, 30(1) Jan-June, 2014, pp6-15.

4. I V Malhan and ShivaramaRao, Refocusing attention on institutional and collective responsibility for an effective consortia model. Annals of Library and Information Studies: vol59, Sept 2012, pp143-147.

5 Dimple Patel Is it time for the next Curriculum Development Committee (CDC) in Library and Information Science (LIS)? (2015). In International Journal of Information Research, Vol. 5, No. 1, pp. 21-30. ISSN: 2249-8273.

6. Dimple Patel Research Data Management: A Conceptual Framework (2016). (Accepted for publication In Library Review, Vol. 65, Iss. 4/5. ISSN: 0737-8831.)

7. Dimple Patel Open Higher Education: Universities as leaders in open access. (2016). (Accepted for publication In IASLIC Bulletin. ISSN: 0018-8441.)

Chapters in Books

1. I V Malhan, Role of Agricultural Information Literacy in Agricultural Knowledge Mobilization. In Jagtar Singh, ed, et. al., Media and Information Literacy for Sustainable Development Goals.Goteborg (Sweden), Nordicom,2015, pp327-332

2. I V Malhan, Bridging the Agricultural Knowledge Gaps through Communication Technologies and Information Literacy In I V Malhan,et al (eds) Transformation of LIS Education, Libraries and Information Services for Knowledge Society. New Delhi, EssEss Publications, 2016, 2vols.(Jt Ed) pp 66-74

3. I V Malhan, Changing Landscape of Information and Transformation of Special and Reseach Libraries IN Special and Research Libraries under e-PGPathshala, Inflibnet

4.I V Malhan, Changing Role of Library and Information Professionals in the emerging Information Scenario in Special and Research Libraries. IN Special and Research Libraries under e-PGPathshala, Inflibnet

5. Malhan and Shivarama, Rao, Social media for effective human networking: potential opportunities for Library and Information Centres. IN Sanjay Kataria, et al, Eds Future of Libraries in theDigital Age, New Delhi, KBD Publication, 2012, pp97-103.

6.I V Malhan, Revamping the LIS curriculum in India Conforming to the emerging Information scenario IN. H.K Kaul, et al, eds, Knowledge and Information Networking, NACLIN 2013, New Delhi, DELNET, 2013, pp 183-208..

7.   I V Malhan, Challenges and problems of enriching digital information reserves and improving their access IN. H.K Kaul&Mayank J. Trivedieds, Knowledge and Information Networking, NACLIN 2012, New Delhi, DELNET, 2012, pp 96-103.

8.   I V Malhan and Amrik Singh, Challenges and Emerging Practices for Knowledge Organization in the Electronic Information environment., In Antony Joses,ed, Digital Libraries and Knowledge Organization, New Delhi,Macmillan,2012,pp11

Edited Books

1. Transformation of LIS Education, Libraries and Information Services for Knowledge Society. New Delhi, EssEss Publications, 2016, 2vols.(Jt Ed) ISBN 978-81-7000-802-3.

2. Human Resources Management in Libraries and Information Centres New Delhi:

SRFLIS India, 2015.xx, 364p.(Jt. Ed) ISBN 978-81-927409-4-2

3 Transformation of Agricultural Libraries in the Collaboration Era, Hyderabad, B.S. Publication, 2011, 552 P (Jt. Ed) ISBN 978-93-81075-59-3

Books with ISBN with details of publishers

Agricultural Knowledge Transfer; A Study of Prevailing knowledge Transfer Models. New Delhi, Anamica Publishers, 2015, 228p (Jt Author) ISBN 978-81-7975-697-3

Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
∗Citation Index – range average H∗SNIP
∗ SJR
∗Impact Factor – range / average ∗h-index =8

23. **Details of patents and income generated :**None

24. **Areas of consultancy and income generated :**None

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :** None

26. **Faculty serving in**

    e) National committees b) International committees c) Editorial Boards d) any other (please specify)
    a) National committees

Prof I V Malhan
   Member, National Advisory Committee, e-ShodhSindu, constituted by the Department of Higher Education, MHRD, Govt. of India,
   Member, UGC expert committee constituted for coordinating and vetting the development of model curricula for undergraduate courses under the Choice Based Credit System
   Member, Research Advisory Committee, Developing Library Network DELNET) (2015-17)
   b) **None**

c) Editorial Boards

Prof I V Malhan

1. **Member**, Editorial Advisory Board, IATLIS Journal of Library Education and Research

2. **Member**, Editorial Advisory Board, International Journal of Information Research (2013-)

3. **Member,** Editorial Advisory Board, SALIS E-Journal (2006-)

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).** : Teachers are deputed to workshops/seminars/RCs/GOCs

28. **Student projects**

   - percentage of students who have done in-house projects including inter-departmental projects : 100%
   - percentage of students doing projects in collaboration with other universities / industry / institute : None

29. **Awards / recognitions received at the national and international level by**

   - Faculty

Prof I V Malhan
   1. Awarded SATKAL National Librarian Award for the Year 2011
   2. Presented certificate of Honour on November, 17th 2011 by Association ofAgricultural Librarians and Documentlists of India (AADLI) for dedicated services to the Library profession.
   3. Received ILA-GidwaniDeshpandey Best Academic Librarian Award-2013 presented by the Indian Library Association on 22nd of Feb 2014, at IIT, Roorkee.
   4. Received Best Paper Award at the Third International Symposium on Emerging Trends and Technologies in Libraries and Information Services held during 26th-27th of October, 2012 at Jaypee University of Engineering and Technologies, Guna, M.P.

   - Doctoral / post doctoral fellows None

   - Students None

30. **Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any. :**

   o Organized Four Days Workshop on Greenstone,Koha and Soul and Software packages from November 21st-24th, 2011.

   o Organized one day workshop on 10th October,2012 on Application of Drupal.in Content creation and management in collaboration with SrijanDauladhar Technologies Ltd, Dharamshala

   o Organized Four day workshop on Joomla& Drupal content management software packages from November 16th to 19th, 2012

o Organized one day Workshop on Information security Awareness. on 30th August,2012 in collaboration with National Institute of Electronics and Information Technology, Jammu(A Govt. Of India, Undertaking)

o Organised one day Workshopon June 15, 2013 on Delnet; Resources, Services and Facilities &Koha; An Open Source integrated Library System, organised by Delnet in collaboration with CUHP, Dharamshala

o Organized Two Days workshop on D-Space on May 19th to 20th, 2014.

o Workshop Director, One day Users' Awareness Workshop on Access to ejournals organised on 12th September, 2014 by INFLIBNET, Ahmadabad in collaboration with CUHP, Dharamshala

o OrganizedXXXth IATLIS National Conference, November 27-29th,2014

31. Code of ethics for research followed by the departments: No specific policy yet developed but the faculty and students adhere to the strictest code of ethics.

32. Student profile programme-wise:

Name of programme	Application received	selected		Pass percentage	
		Male	Female	Male	female
M.Lib. Sc.(2011)	168	3	6	100	100
M.Lib. Sc.(2012)	133	10	3	100	100
M.Lib. Sc.(2013)	97	7	8	100	100
M.Lib. Sc.(2014)	86	5	11	-	-
M.Lib. Sc.(2015)	79	3	7	-	-

33. Diversity of students:

Name of progrmme	% of students from the same university	% of student from other universities within the state	% of students from universities outside the state	% of students from other countries
M.Lib Sc.(2011)	NIL	100	0	NIL
M.Lib Sc.(2012)	NIL	92.30	7.69	NIL
M.Lib Sc.(2013)	NIL	86.66	13.33	NIL
M.Lib Sc.(2014)	NIL	93.75	1.65	NIL
M.Lib Sc.(2015)	NIL	100	0	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.: UGC-NET:04

UGC-NET-JRF: 01

35. Student progression

Student progression	Percentage against enrolled
UG to PG	As on date no UG Courses in the department
PG to M.Phil.	None
PG to Ph.D.	4.5%
Ph.D. to Post-Doctoral	None
Employed	
☐ Campus selection	70%
☐ Other than campus recruitment	
Entrepreneurs	None

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	None
From other universities within the state	None
From universities from other states from	100%
Universities outside the country	None

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :One pursuing

38. Present details of departmental infrastructural facilities with regard to the most of below mentionedfacilities are all common university wide. Department has no separate facility.
   a) Library
   b) Internet facilities for staff and students
   c) Total number of class rooms one
   d) Class rooms with ICT facility one
   e) Students' laboratories
   f) Research laboratories

39. List of doctoral, post-doctoral students and Research Associates :

   a)   from the host institution/university **Two**
   b)   from other institutions/universities **none**

40. Number of post graduate students getting financial assistance from the university:20% of total number of students.

41. Was any need assessment exercise undertaken before the development of new

programme(s)? If so, highlight the methodology. : Assessment of current market scenario and ongoing developments in the landscape of information

42. **Does the department obtain feedback from**

   a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? **Yes for BOS**

   b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **feedbackof faculty is taken from students.**

   c. Alumni and employers on the programmes offered and how does the department utilize the feedback? **None**

43. **List the distinguished alumni of the department (maximum 10) :**Ours is a new university so far none

44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts**.

   Workshops in specialised areas and expert lectures are organized to supplement students' learning

45. **List the teaching methods adopted by the faculty for different programmes.**
   - Lectures
   - Demonstration
   - Tutorials
   - LAB Session
   - Group Discussion
   - Students Seminar

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**
   Through continuous internal assessment

47. **Highlight the participation of students and faculty in extension activities.**
   Students allocated community LAB in order to interact with citizen of the society.
   Faculty are involved in the Library Development Activities. For example implementation of EZproxy, J-Gate+ , and other e-resources services**.**

48. **Give details of "beyond syllabus scholarly activities" of the department.**
   Students learning is supplemented by expert lectures and workshops

49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**
   None

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

We are a professional department. The department has a number of publications of its faculty in scholarly journals and books and which amply reflect the contribution of the department in generating new knowledge.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- The faculty has a strong publications
- Faculty are skilled talented and hardworking.

Weakness

- Lack of infrastructure
- Lack of Space for expansion

Challenges

- Recruiting and retaining faculty due to lack of infrastructure and space.

52. Future plans of the department.

- To setup centre of excellence for research in KM
- To setup digital library centre

ANNEXURE 3

Structure of Courses of Department of Library and Information science as per new Choice Based Credit System (CBCS)

Core Compulsory Courses

(40 CREDITS)

Sr . no.	Courses Code	Course Name	Credits	Level	Pre-requisite)s(	Co-requisite)s(
	LIS 404	Foundation of Library and Information Science	4	4		
	LIS405A	Library Cataloging)Theory(	4	4		
	LIS406A	Knowledge Organization and Information Processing)Practical(;Cataloguing	4	4		LIS 405A
	LIS407A	Library Classification)Theory(	4	4		
	LIS408	Knowledge Organization and Information Processing)Practical(;Classification	4	4		LIS 407A
	LIS410	Fundamentals of Information and Communication Technology	4	4		
	LIS411A	Management of Libraries and Information Centers	4	4		
	LIS501A	Library Automation and Networks)Theory(	4	5	LIS410	
	LIS502A	Library Automation and Networks)Practical(	4	5	LIS410	
	LIS530	Foundation of Digital Library	4	5		

CORE OPEN COURSES
(12 CREDITS)

Sr .No .	Course code	Course Name	Credits	Level	Pre-requisites	Co-requisites
1.	LIS 401A	Information Literacy	4	4		
2.	LIS 402A	Web Designing and hosting)Lab(	4	4		
3.	LIS 403	Accessing Web Based Information Resources	2	4		

4.	LIS 409	Collection Management	2	4		
5.	LIS412	Internship	2	4		
6.	LIS414A	Information Sources and Services	4	4		
7.	LIS 415	Knowledge Society	2	4		
8.	LIS416A	Information Retrieval	4	4		
9.	LIS 417	Information Technology and Information Security	2	4		
10.	LIS 419	Management of Digital Information Resources and Services	2	4		
11.	LIS 421	Electronic Reference Works and Digital Reference Service	2	4		
12.	LIS 424	Open Sources Software)OSS (Applications	4	4		
13.	LIS 503	Digital Library	2	5		
14.	LIS 505A	Electronic Publishing and Content Management)Lab(	4	5		
15.	LIS 506	Information Products, Analysis, Consolidation and Repackaging	4	5		
16.	LIS 507	Community Lab for Library and information Science	4	5		
17.	LIS 508	Perspectives on Library and Information Science Research	2	5		
18.	LIS 509	Knowledge Management	4	5		
19.	LIS 510A	IPRS in Digital Era	4	5		
20.	LIS 511	Users Information Seeking Behavior	2	5		
21.	LIS 512	Information systems and services	2	5		
22.	LIS 514	Marketing of information services	2	5		
23.	LIS 531	Digital Library −Advanced)Theory(	4	5		
24.	LIS 532	Digital Library Development)Practical(	4	5		
25.	LIS 533	Digital Library Management	4	5		
26.	LIS 597	Research methodology for LIS	4	5		
27.	LIS 598	Dissertation /Project	4	5		
28.	LIS 601	Accessing Web Based Information Resources and Services	4	6		
29.	LIS 603	Information Retrieval :Search Engines	2	6		
30.	LIS 604	Information Retrieval :Digital Libraries	2	6		
31.	LIS 605	Current Trends in Library & Information Science	2	6		
32.	LIS 613	Emerging information Scenario and Re - Emerging of Library& Information Services	2	6		
33.	LIS 408A	Colon Classification -Practice	2	4		

ELECTIVE SPECIALIZATION
(16 CREDITS)
Elective Courses :Elective Specialization-1   Types of Library Systems

Sr .No .	Course code	Course Name	Credits	Level	Pre-requisites	Co-requisit)s
1.	LIS 516A	Public Library System	4	5		
2.	LIS 517A	Academic Library System	4	5		
3.	LIS 518A	Research and Technical library System	4	5		

Elective Courses :Elective Specialization -2 Information Systems

Sr .No .	Course code	Course Name	Credits	Level	Pre-requisites	Co-requisites
1.	LIS 515A	International Information systems	4	5		
2.	LIS 607A	Agriculture information system	4	6		
3.	LIS 606A	Health information system	4	6		
4.	LIS 608A	Legal Information system	4	6		
5.	LIS 611A	Engineering and Technological Information Systems and Services	4	6		

Elective Courses :Elective Specialization-3 Information Resources and Services

Sr .No .	Course code	Course Name	Credits	Level	Pre-requisites	Co-requisites
1.	LIS 523	Business Information Resources and Services	2	5		
2.	LIS 520	Social Informatics	2	5		
3.	LIS 524	Community Information Services	2	5		
4.	LIS 431	Collection Development In	4	4		

Sr.	Course code	Course Name	Credits	Level		
		Digital Libraries				
5.	LIS 430	Information Access and Services	4	4		
6.	LIS 612	Financial Information Sources and Services	2	6		

Elective Specialization -4 Knowledge Management; Tools and Technologies

Sr .No .	Course code	Course Name	Credits	Level	Pre-requisites	Co-requisites
1.	LIS 614	Libraries and Information services in the Knowledge Economy	2	6		
2.	LIS 519	Library database management	2	5		
3.	LIS 432	Metadata Theory & Practice	4	4		
4.	LIS 596	Semantic Web Technologies for LIS	4	5		
5.	LIS 525A	Web-based Library and Information Services	4	5		
6.	LIS 610	Knowledge Management in the Corporate Sector	2	6		

ELECTIVE OPEN 04 CREDITS

Sr .No .	Course code	Course Name	Credits	Level	Pre-requisite)s(	Co-requisite)s(
1.	LIS 418A	Digital Preservation and Digital Rights	4	4		
2.	LIS 521	Information Architecture & Web Analysis	2	5		
3.	LIS 602	E-Governance Information Systems	2	6		
4.	LIS 609A	Bibliometrics, Informetrics and Scientometrics	4	6		

SKILL DEVELOPMENT COURSES 04 CREDITS

Sr .No .	Course code	Course Name	Credits	Level	Pre-requisite)s(	Co-requisite)s(
1.	LIS-430	Web Designing and Hosting Basics	2	4		
2.	LIS425	Financial Information literacy	2	4		

3.	LIS426	Basics of Computers	2	4		
4.	LIS427	Advances In ICTs	2	4		
5.	LIS 422	Media and Information Literacy	2	4		
6.	LIS-431	Big Data Analytics	2	4		

HUMAN DEVELOPMENT COURSE 04 CREDITS

Sr .No .	Course code	Course Name	Credits	Level	Pre-requisite)s(	Co-requisite)s(
1.	LIS428	Ethical use of information and IPR issues	2	4		
2.	LIS429	Knowledge based life Coaching and Human Development	2	4		

School of Business
and
Management Studies

1. **Name of the Department:** Business and Management Studies

    A brief Introduction The School of Business and Management Studies is one of the seventeen schools that began its journey in the year 2010 under the visionary leadership of Hon'ble Vice-Chancellor of Central University of Himachal Pradesh, Professor Furqan Qamar and the able and dynamic management of its Dean, Professor Yoginder Singh Verma. The school aims at carving out a niche for itself amongst the best B- Schools of the world by producing managers, who think and act globally.

    The School of Business and Management Studies envisages itself to be the world leader in business education producing managerial leaders with global competencies, foresight, dynamism and value-laden personalities. Its vibrating culture and creative ambiance provides unique blend of contemporary business knowledge, skills, innovation and sensitivity to societal issues.

    The school is engaged in:
    - Creating a pool of innovative managers and entrepreneurs who are distinct in their vision and will emerge as harbingers of prosperity and happiness in the society.
    - Offering a wide range of courses to students for making their own selections depending upon their area of interest and specialisation they would prefer to pursue in their professional career.
    - Developing practical skills through summer placement, live projects, case studies and community lab to meet the challenges of emerging global business environment.
    - Blossoming varied talents of students enabling them as integrated and holistic personality
    - Sharpening students' life skills and developing their passion for effectiveness
    - Focusing on academic and research excellence

    The School of Business and Management Studies has established the following departments:
    - Department of Accounting & Finance
    - Department of HRM & Organisational Behavior
    - Department of Marketing & Supply Chain Management
    - At present, the School is also running a Centre for Entrepreneurship & Innovation

2. **Year of establishment :** 2010
3. **Is the Department part of a School/Faculty of the university?** Yes
4. **Names of programmes offered**
    I.   Master of Business Administration (MBA)
    II. PhD in Management

Note:
1. *School offers modular programme in Management wherein a student is awarded Advanced Diploma in Management if one decides to quit the MBA programme after the successful completion of two semesters and / or completion of 40 credits.*

2. *Students are admitted in RD Programme wherein they have the option to opt for MPhil or PhD.*

5. **Interdisciplinary programmes and departments involved**

   As University has adopted Multidisciplinary **Choice Based Credit System** so the following departments have been involved in MBA and PhD Programmes;

   1. Department of Economics & Public Policy
   2. Department of Social Work
   3. Department of Mass Communication & Electronic Media
   4. Department of Hospitality and Tourism Management
   5. Department of English & European Languages
   6. Department of Library & Information Science
   7. Department of Library Sciences
   8. Department of Earth and Environment Sciences
   9. Department of Computational Biology
   10. Department of Mathematics
   11. Department of Teachers Education
   12. Department of Journalism and Creative Writing

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**

   Four courses namely – Financial Services, Management of Financial Institutions, Stock Market Operations, Future Options and Derivatives Markets, Financial Engineering and Bond Markets Analysis and Strategies in the department of Accounting and Finance have been developed in collaboration with National Stock Exchange, New Delhi.

7. **Details of programmes discontinued, if any, with reasons**

   I.   MBA (ED) - Feedback from the students revealed that the programme does not provide avenues for jobs as most of the students preferred for employment rather than entrepreneurship.

   II. MBA (Insurance and Financial Services) – less response from the students and parents.

8. **Examination System:**

   - School has introduced Semester System and Comprehensive Choice Based Credit System since its inception.
   - Based on the University's Ordinances, the School has comprehensive assessment and evaluation system which has three components:
     a. Internal Assessment (25%): Based on the criteria clearly mentioned in the course contents. These criteria include – class participation, quiz, case studies, group discussions, role plays, debates, live projects, field surveys, students' seminars and presentations, teacher facilitated discussions and symposia, written assignments and MOOCs
     b. Mid Term Examination (25%)
     c. End Term Examination (50%)

9. Participation of the department in the courses offered by other departments

Sr. No.	Name of the Department	Name of Programme	Courses Taught during previous five years
1.	Social Work	MSW	i. Labour Laws ii. OB iii. HRM iv. Basics of Research Methodology v. Internet-based Marketing vi. Fundamental of Entrepreneurship vii. Management of Financial Institutions viii. Project Management ix. Indian Economic Environment
2.	Tourism, Travel & Hospitality	MBA (T&T)	i. Management Principles and Functions ii. Organisation Behaviour iii. Human Resource Management iv. Rural Marketing v. Green Marketing vi. Retail Management vii. Financial Management viii. Management of Financial Institutions ix. Personality Development & Career Management x. International Marketing xi. Legal Aspects of Business
3.	Physics	MSc	i. Human Values and Ethics ii. Management Principles and Functions iii. Internet Based Marketing iv. Inter-personal Effectiveness
4.	Economics & Public Policy	MA	i. Management Principles and Functions ii. Financial Management iii. Management of Financial Institutions iv. Project Management v. Indian Economic Environment vi. International Business Environment vii. Financial Services viii. Personality Development & Career Management ix. Human Values and Ethics x. Fundamentals of Entrepreneurship xi. Financial Economics

5.	Computational Biology & Bioinformatics	M. Sc	i. Human Values and Ethics ii. Management Principles and Functions iii. Inter-personal Effectiveness v. Personality Development & Career Management
6.	Computer & Information Sciences	M.Sc. IT	i. Management Principles and Functions ii. Organisation Behaviour iii. Human Resource Management iv. International Business Environment v. Fundamentals of Entrepreneurship vi. Management of Financial Institutions vii. Personality Development & Career Management viii. Internet-based Marketing ix. Web-based Advertising x. Basic Research Methodology
7.	Library & Information Science	M.LIB	i. Management Principles and Functions ii. Organisation Behaviour iii. Human Resource Management iv. Fundamentals of Entrepreneurship v. Management of Financial Institutions vi. Personality Development & Career Management vii. Indian Economic Environment viii. Human Values and Ethics ix. Web-based Advertising
8.	Earth & Environmental Sciences	M. Sc. (EVS.)	i. Human Resource Management ii. Personality Development & Career Management iii. Green Marketing iv. Internet Based Marketing v. Human Values and Ethics vi. Indian Economic Environment
9.	Journalism & Creative Writing		i. Management Principles and Functions ii. Organisation Behaviour iii. Human Resource Management iv. Fundamentals of Entrepreneurship v. Human Values and Ethics vi. Indian Economic Environment
10.	Mass Communication and Electronic Media		i. Management Principles and Functions ii. Organisation Behaviour

			iii. Human Resource Management iv. Fundamentals of Entrepreneurship v. Human Values and Ethics vi. Indian Economic Environment
11.	Mathematics		i. Management Principles and Functions ii. Organisation Behaviour iii. Human Resource Management iv. Fundamentals of Statistics v. Human Values and Ethics vi. Indian Economic Environment vii. Internet based Marketing
12.	English		i. Management Principles and Functions ii. Human Values and Ethics iii. Indian Economic Environment
13.	Education		i. Analytics of Research ii. Internet Based Marketing iii. Personality Development & Career Management iv. Qualitative Research

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanction	Filled	Actual (Including CAS & MPS)
Professor	03	01	01
Associate Professors	06	02	02
Asst. Professors	12	09	09
Total	21	12	12

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialisation	No. of Years of Experience	No. of Ph.D./M.Phil. guided/guiding for the last 4 years
Prof. Yoginder S Verma	PhD, M.Phil, MBA	Professor	Human Resource Management	38 years	01/03

Dr. Sanjeev Gupta	Ph.D., PGDOR, M.Phil., M.A	Associate Professor	Applied Econometric &Quantitative	20 Years	00/04
Dr. Bhagwan Singh	Ph.D., MBA, PGDCA	Associate Professor	Marketing & Advertising	15 years	01/04
Dr. Gitanjali Upadhaya	Ph.D, M.Phil., PGDPM & LW, MBA, M.Com	Assistant Professor	Organizational Behaviour & Effectiveness and Industrial Psychology	5 years	01/02
Dr. Bhawana Bhardwaj	Ph.D, MBA	Assistant Professor	Organizational Effectiveness	8 years	01/02
Dr. Aditi Sharma	Ph.D, MBA	Assistant Professor	HRM & OB,	5 years	00/02
Dr. Manpreet Arora	Ph.D., M.Phil., M.Com	Assistant Professor	Accounting, Corporate Finance	13 years	00/02
Dr. Ashish Nag	Ph.D., M.Phil., MBA, M.Com	Assistant Professor	Investment Management	8.5 years	00/02
Dr. Mohinder Singh	Ph.D., M.Com	Assistant Professor	Corporate Finance and Governance	16 years	01/02
Mr. Mohd Atif	Ph.D., M.Com	Assistant Professor	Finance and Financial Markets	02 years	00/00
Mr. Chaman Lal	M.Phil., M.Com	Assistant Professor	Rural, Retail, Service and International Marketing.	05 years	00/00
Dr. Sarvesh Kumar	Ph.D, MBA	Assistant Professor	Marketing & SCM Strategic Management	05 Years	00/03

12. List of Visiting/Invited Faculty from Educational Institutions and Industry

S.N.	Name of the Resource Person	Institute	Nature
1	Prof. M.R. Dixit	IIM Ahmadabad	
	Prof. Ashok Aima	Vice Chancellor, Central University of Jammu	
2	Prof. D.K Agarwal	IIM Shillong	
3	Prof. Geeta Shah	USA	
4	Prof. Nishar Sheikh	USA	
5	Prof. Ravi Shankar	IIT Delhi	
6	Prof. Kannan M Maudgalya	IIT Bombay	
7	Prof. Sagar Sharma	Professor Emeritus, Panjab University, Chandigarh	
8	Prof. J.K. Mitra	FMS, DU, Delhi	

9	Mr. Tanvir Singh Noor	Milestones Consulting, Chandigarh	
10	Ms. Ellora Rath	Manager, HR, Escort Limited	
11	Mr. Sanjiv Ganju	Chief manger Escort Limited	
12	Mr. G.C. Sharma	Head, Financial Education Schools and Universities, NSE India	
13	Mr. Varun Rattan Singh	Srijan Technologies Dhauladhar	
14	Dr. Raju Narayana Swamy	Commissioner, Civil Supplies, Government of Kerala	
15	Sh. S.R Mardi	DGP, HP Govt.	
16	Prof. Roshan Lal Raina	IIM, Luckhnow	
17	Prof. Karamjeet Singh	PU Chandigarh	
18	Prof. Bal Kishan	University Business School, HPU Shimla.	
19	Prof. Balram Dogra	University Business School, HPU Shimla.	
20	Prof. J.B. Nadda	University Business School, HPU Shimla.	
21	Mr. Abhinav Aggarwal	AM, KCCB, Dharamshala	
22	Mr. Rahin Mittal	EOS Edu. Ventures	
23	Prof. S L Kaushal,	University Business School, HPU Shimla.	
24	Prof. Sunil Sangra	IIM Bangalore	
25	Dr. Shankar Venkatagiri	IIM Bangalore	
26	Mr. Rakesh Kanwar	Director, NHRM, Govt of Himachal Pradesh	
27	Mr. Shailen Sharma	General Manager Tata Steel	
28	Mr. Karunesh Dev	Manager Operations, Bank of America Continuum India Pvt. Ltd	
29	Mr. Robey Lal	Eminent expert in Aviation sector	
30	Mr. Rajiv Joshi	Associate Professor, EDII, Ahmedabad	
31	Prof. Naval Kishore	Professor, Department of Mangement, IGNOU, New Delhi	

13. Percentage of classes taken by temporary faculty – programme-wise information

Batch	Percentage of classes taken
2010-12	90
2011-13	60
2012-14	Nil
2013-15	Nil
2014-16	Nil

14. Programme-wise Student Teacher Ratio

MBA Programme		Ph.D Programme	
Batch	Teacher-Student Ratio	Session	Teacher-Student Ratio
2010-12	1:15	2010-11	-
2011-13	1:14	2011-12	1:2
2012-14	1:16	2012-13	1:1
2013-15	1:16	2013-14	1:2
2014-16	1:16	2014-15	1:3
2015-17	1:16	2015-16	1:3

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Nill

16. Research thrust areas as recognized by major funding agencies

- Human Resource management and Organisational Behaviour
- Accounting and Finance
- Marketing and Supply Chain Management
- Entrepreneurship

17. Number of faculty with ongoing projects

A Major Research Projects					
Sr. No.	Title of Research Project	Status	Name of Funding Agency	National /International	Grants Received in lakhs
Prof S. P. Bansal, Vice –Chancellor , Indira Gandhi University, Meerpur, Rewari, Haryana (PI) Prof. Yoginder S. Verma (Co-PI)					
1.	E-Pathshala	On going	UGC	National	105
Dr. Sanjeev Gupta					
2.	Diffusion, Future Prospects and Viability for Adoption of Solar Energy in Himachal Pradesh	On going	ICSSR	National	5
3.	An Empirical Study on Dynamics of Foreign Exchange Market in India	On going	UGC	National	10.44

B. Minor Research Projects

Sr. No.	Title of Research Project	Status	Name of Funding Agency	National /International	Grants Received in lakhs
A: Mohinder Singh					
1	Impact of special economic package on the development of economy of Himachal Pradesh'.	Completed	UGC	National	.95

18. Inter-institutional collaborative projects and associated grants received

Sr. No.	Title of Research Project	Status	Name of Funding Agency	Associated with	Grants Received in lakhs
Prof. Yoginder S. Verma (Co-PI)					
1.	E-Pathshala	On going	UGC	Maharaja Aggarsen University, Baddi (HP)	105

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Sr. No.	Title of Research Project	Status	Name of Funding Agency	National /International	Grants Received in lakhs
1.	E-Pathshala	On going	UGC	National	105
2.	Diffusion, Future Prospects and Viability for Adoption of Solar Energy in Himachal Pradesh	On going	ICSSR	National	5
3.	An Empirical Study on Dynamics of Foreign Exchange Market in India	On going	UGC	National	10.44
4.	Impact of special economic package on the development of economy of Himachal Pradesh'.	Completed	UGC	National	.95

20. Research facility / centre with

1. National recognition
   a. E- resources
   b. Prowess Database of CMIE

c. Various System and application software used in Research

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Research Publications
Total 245 Published and 4 papers has been Accepted

Sr. No.	Type of Publications	Published	Accepted	Communicated
1	Reference Books with ISBN No.	0	0	0
2	Text Books with ISBN No.	5	0	0
3	Edited Books with ISBN No.	6	0	0
4	Research Papers in refereed international journals with ISSN NO.	20	0	0
5	Research Papers in refereed national journals with ISSN NO.	33	2	0
6	Papers in other international journals with ISSN NO.	3	1	0
7	Papers in other national journals with ISSN NO.	10	0	0
8	Chapters in edited books with ISBN No.	26	1	0
9	Articles in national magazines/newspapers	1	0	0
10	Articles in regional/local magazines/newspapers	0	0	0
11	Papers presented in International Seminars / conferences	35	0	0
12	Papers published in proceedings of international seminars / conference	8	0	0
13	Papers presented in national seminars/conferences	94	0	0
14	Papers published in proceedings of national seminars / conference	4	0	0
15	Monographs	0	0	0
16	Citation Index	0	0	0
17	SNIP	0	0	0
18	SJR	0	0	0
19	Impact Factor (range/average)	0	0	0
20	h-index	0	0	0

Important Note: Details of each publication clearly mentioning the title, co-authors, publisher, journal, volume, issue, impact factor of the articles/papers and year of publication has been enclosed in **Annexure-II**

23. Details of patents and income generated

Nil

24. Areas of consultancy and income generated

Sr. No	Name of Consultancy/Name of Faculty	Funds Generated	Area of Consultancy	National /International
Prof. Yoginder Singh Verma				
1	St. Bedes College Shimal	Free	Quality Assurance Mechanism	National
2	Jesus Merry College, Delhi	Free	Assessment & Accreditation	National
3	Christ University Bangalore	Free	Quality Assurance Mechanism	National
4	HP Govt. College of Teacher Education	Free	Teacher Training	National
5	HP University, Shimla	Free	Choice Based Credit System	National
6	HP Public Service Commission	Free	Course Curriculum for Himachal Administrative Services	National
7	Bhopal school of Social Sciences	Free	Teacher Development	National
8	IIT Roorki	Free	Curriculum Development	National
DR. Bhagwan Singh				
9		Free	Web-site Development	National

25. Faculty selected nationally / internationally to visit other laboratories / institutions/industries in India and abroad

Prof Yoginder S Verma

1. Selected on International Panel for accreditation and assessment in Soudi Arabia, 2014
2. Invited to conduct workshop on assessment and accreditation by Jesus and Marry College, Delhi University, 2013
3. Invited to conduct workshop on Pre-NAAC Drill by Christ University, Bangalore, 2015
4. Invited to conduct workshop on Management Curriculum by IIT Roorkee, August 2015
5. Invited to as Resource Person in Workshop on Choice Based Credit System, Central University of Kashmir, May, 2015
6. Invited to deliver key-note on Financial Challenges in Higher Education organized by UGC Academic Staff College, Panjab University, Chandigarh on 25th July 2014

26. Faculty serving in National committees b) International committees c) Editorial Boards d) any other (please specify)

PROF. YOGINDER S VERMA

A. International Level

1. **Member, Review Committee,** National Commission of Academic Accreditation. and Assessment, **Saudi Arabia**

B. National Level

2. Member, Board of Studies, IIT Roorkee
3. Member, Board of Studies, Gurukul Kangri University, Hardwar
4. Member of Board of Studies, H P Technical University, Hamirpur.
5. Member of Advisory Board, Department of Commerce and Business Administration, GNDU Amritsar
6. Member, Academic and Administrative Audit Committee, Central University of Pondicherry
7. Member of Advisory Board, Journal of Amity International Business School
8. Member of School Board, Central University of Jammu
9. Member of IQAC of St. Bedes College, Shimla
10. Member of IQAC Editorial Board, H P University, Shimla
11. Chairman, NAAC Peer Team which assessed Army Institute of Management, Calcutta, 16-18 April,2015
12. Member of Academic Advisory Committee, UGC-Academic Staff College, University of Rajasthan, Jaipur
13. Member of University Court, Central University of Haryana
14. Member, Board of Studies, NIT, Jalandhar
15. Member, Board of Directors, Ansal University, Gurgaon
16. Member- Coordinator, NAAC Peer Team constituted by NAAC, Bangalore for the Assessment and Accreditation of Holy Cross College, Trichy, Tamil Nadu, 26th-28th July 2012
17. Member-Coordinator of NAAC Peer Team which assessed Al-Falah School of Engineering and Technology, Faridabad on 7 -9 March 2013.
18. Member-Coordinator of NAAC Peer Team which assessed Avinashilingam University, Coimbatore, 2013.
19. Chairman, NAAC Peer Team which assessed Swami Sahajanand College, Bhavnagar, Gujarat, September 4-6, 2014
20. Chairman, NAAC Peer Team which assessed St. Vincent Pallotti College Lodhipura, Kapa, Raipur from 4-6 December 2014
21. Member, Interview Board, Chhatisgarh Service Commission, 10-11 December, 2014
22. Chairman, NAAC Peer Team which assessed Hamidi Girls College, Allahabad, 26-28 February 2015
23. Chairman, NAAC Peer Team which assessed Sri Venkateshawar College of Science and Technology, Chittor, 9-11 March 2015
24. Chairman, NAAC Peer Team which assessed C K B College, Jorhat 28-30 September, 2015.

25. Chairman, AICTE Inspection Committee, for J P University, Anoopshar, UP on May 21-22, 2015.
26. Member, NAAC Peer Team which assessed Manav Rachna University, 29-31 October, 2015.
27. Chairman, NAAC Peer Team which assessed Govt College Safidon (Jind) Haryana, 5-7 November, 2015.
28. Chairman, AICTE Inspection Committee, for J.R. Handicapped University, Chitrakoot, UP on December 21-22, 2015.

DR. SANJEEV GUPTA

29. Associate Editor, Information Science and Information Technology Education Joint Conference, Arizona, USA.
30. Rendered services as an Editor of the Journal "Apeejay Journal of Management and Technology".
31. Member of Board of Reviewers for Journal 'Arth Anvesan' Shri Mata Vaishno Devi University, Katra, Jammu.
32. Member of Board of Reviewers for Journal "International Journal of Tourism Research" published by Emerald.
33. Member of Board of Reviewers for Journal "International Journal of Emerging Markets" published by Emerald.

DR. Bhagwan Singh

34. Sectional Member, Indian Science Congress Association (ISCA) 2014
35. Chairman, Varanasi Chapter, Region - I, Computer Society of India, (CSI), 2014
36. Vice-Chairman, Varanasi Chapter, Region - I, Computer Society of India, (CSI), 2013
37. Associate Editor, International Journal of Economics & Managerial Thoughts.
38. Member, Board of Reviewer, Global Journal of Enterprise Information.
39. Member Board of Studies, MBA, HPTU, Hamirpur, 2015 onwards
40. Member, Ordinance Review Committee, HPTU, Hamirpur, 2015

MR. CHAMAN LAL

41. Life Member, All India Commerce Association

DR. ASHISH NAG

42. Secretary, Shiv Shaikshnik Shodh Sansthan Educational Society, Shimla
43. Member of the Editorial Board, Journal of Business Studies

DR. MANPREET ARORA

44. Working in the Editorial Board of International Journal of Retailing and Rural Business Perspectives

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Sr. No.	Title of the Program	Organising Institution	Date/ Year	No. of weeks	Grade
1.	Orientation program *Attended by **Dr. Ashish Nag***	UGC-ASC GNDU Amritsar.	11-12-2014 to 07-01-2015	4	A
2.	Orientation program *Attended by **Mr. Chaman lal***	UGC-ASC GNDU Amritsar.	11-12-2014 to 07-01-2015	4	A
3.	Orientation Programme *Attended by **Dr. Manpreet Arora***	UGC-ASC Guru Jambheshwar University of Science and Technology Hisar	01-27 July, 2013	4	A
4.	Orientation Programme *Attended by **Dr. Gitanjali Upadhaya***	UGC-ASC Guru Jambheshwar University of Science and Technology Hisar	01-27 July, 2013	4	A
5.	Orientation Programme *Attended by **Dr. Aditi Sharma***	UGC-ASC Jawaharlal University Delhi	April 3 to 26, 2015	4	A
6.	Orientation programme Attended By **Dr. Bhawna Bhardwaj**	UGC-ASC HP University, Shimla.	01-27 July, 2013	4	A
7.	Summer School *Attended by* **Dr. Ashish Nag**	UGC-ASC GNDU Amritsar.	10th June to 30th June, 2015	3	A
8.	Summer School *Attended by* **Mr. Chaman lal**	UGC-ASC GNDU Amritsar.	10th June to 30th June, 2015	3	A
9.	Multidisciplinary refresher course in Research Methods *Attended by **Dr. Manpreet Arora***	UGC-ASC Punjab University Chandigarh	03-23 July, 2014	3	A
10.	Workshop on "Capacity Building Programme for Faculty/Research Scholars in Social Sciences" by **Dr. Gitanjali Upadhaya**	Indian Council of Social Science Research North-Western Regional Centre P.U. Chandigarh	March 18-31, 2014	2	A
11.	Training Workshop on "Capacity Building Programme for Faculty/Research Scholars in Social Sciences" Attended By	Indian Council of Social Science Research and SBMS, CUHP, Shahpur		2	A

Dr. Bhawna Bhardwaj					

28. Student projects:

      a. **percentage of students who have done in-house projects including inter departmental projects**

      100 percent

Students Projects Guided by Faculty Members during last four years:

Sr. No.	Name of Students	In-house Projects
5.	Prof. Yoginder S Verma	11
6.	Dr. Sanjeev Gupta	24
7.	Dr. Bhagwan Singh	24
8.	Dr. Gitanjali Upadhaya	24
9.	Dr. Bhawana Bhardwaj	24
10.	Dr. Aditi Sharma	24
11.	Dr. Manpreet Arora	24
12.	Dr. Ashish Nag	24
13.	Dr. Mohinder Singh	24
14.	Mr. Mohd Atif	24
15.	Mr. Chaman Lal	24

      b. **percentage of students doing projects in collaboration with other universities industry / institute**

Nill

29. Membership of Academic and Professional Bodies held by Faculty Members

Sr. No.	Name of the Faculty	Name of Body	National/ International	Role if any	Editorial Board
1.	**Prof. Yoginder Singh Verma**	1. Indian Commerce Association	National	Life Membership	---
		2. Himachal Pradesh Commerce and Management Association	National	Life Membership	
		3. Indian Institute of Public Administration, New Delhi	National	Life Member	
		4. All India Management Association, New Delhi	National	Member	
		5. Association of Educators	National	Life Member	
		6. Himalayan Society for Commerce and Management	National	Chief patron	
2.	**Dr. Sanjiv Gupta**	7. Indian Society of Agricultural Economics	National	Member	---

		8. Indian Economic Association	National	Member	
		9. Operations Research Society of India	National	Member	
		10. Institute of Business Forecasting	National	Member	
		11. Indian Society of Agricultural Economics	National	Member	
		12. Applied Forecasting	National	Member	
		13. Beeronomics Society	National	Member	
3.	**Dr. Bhagwan Singh**	14. Indian Commerce Association [ICA]	National	Life Member	
		15. Indian Science Congress Association [ISCA]	National	Life Member	
		16. Computer Society of India (CSI)	National	Life Member	
4.	**Dr. Mohinder Singh**	17. Indian Commerce Association [ICA]	National	Life Member	
		18. Commerce and Management Association of India (CMAI)	National	Member	
		19. Himachal Pradesh Commerce and Management Association(HPCMA)	National	Joint Secretary	
5.	**Dr. Ashish Nag**	20. Indian Commerce Association [ICA]	National	Life Member	
		21. Himachal Pradesh Commerce and Management Association(HPCMA)	National	Life Member	
		22. Shiv Shaikshnik Shodh Sansthan Educational Society	National	Secretary	
		23. Indian Accounting Association	National	Secretary (Himachal Chapter)	
6.	**Dr. Manpreet**	24. Indian Commerce Association [ICA]	National	Life Member	
		25. Himachal Pradesh Commerce and Management Association (HPCMA)	National	Life Member	
		26. International Journal of Retailing and Rural Business Perspectives	National	Editorial Board Member	

Awards / recognitions received at the national and international level by

I.   Faculty

Sr. No.	Name of Award	National/ International	Award Agency	Date/Year/ venue	Name of Faculty
1.	Life Time Achievement Award	National	HPCMA	4th June, 2012, Shimla	Prof. Yoginder S. Verma
2.	Life Time Achievement Award	National	DAV Institutions, Malout, Punjab	2011	Prof. Yoginder S. Verma
3.	Management Excellence Award	National	Commerce and Management Association, Punjab	2010	Prof. Yoginder S. Verma
4.	Best Teacher Award	National	Rotary Club Dharamshala	2012	Dr. Bhagwan Singh
5.	First Best Paper Award	National	Gardi Vidyapeth, Gujrat	2011	Dr. Bhagwan Singh
6.	Best Teacher Award	National	JDIMT, Varanasi	2010	Dr. Bhagwan Singh
7.	Best Paper Award	National	All India Commerce Association	December, 2013 Bangluru	Mr. Chaman
8.	Best Paper Award	National	All India Commerce Association	December, 2013 Bangluru	Dr.Gitanjali Upadhaya

II.   Doctoral / post doctoral fellows

Sr. No.	Name of Award	National/ International	Award Agency	Date/Year/ venue	Name of the Student
9.	ICSSR fellowship	National	ICSSR	2011	Dr. Namrita Kalia
10.	SRF ICSSR fellowship	National	ICSSR	2011	Dr. Sachin Kumar
11.	SRF ICSSR fellowship	National	ICSSR	2011	Mr. Sanjeev Kumar
12.	SRF ICSSR Fellowship	National	ICSSR	2011	Mr. Kamal Gupta
13.	R.G.N.Fellowship	National	UGC	2012	Mr. Sachin Kashyap
14.	ICSSR fellowship	National	ICSSR	2012	Ms. Swati Singh
15.	JRF	National	UGC		Mr. Abdul Rishad
16.	SRF, Rajiv Gandhi National Fellowship	National	UGC	2012	Mr. Rishi Kant
17.	SRF	National	UGC	2014	Mr. Devender
18.	JRF	National	UGC		Mr. Jagdish Saini
19.	JRF	National	UGC	2014	Mr. Deepak Jaiswal
20.	ICSSR fellowship	National	ICSSR	2014	Ms. Alka Lalhall
21.	JRF	National	UGC	2014	Mr. Bhushan
22.	JRF	National	UGC	2014	Mr. Sreenu Telu
23.	SRF	National	UGC	2015	Mr. Praveen
24.	JRF	National	UGC		Mr. Vishal Tyagi

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any

Sr. No	Title of the Seminars/ Conferences/ workshop	National/ International	Date/Year	No. of Days	Sponsoring agency
1.	Workshop on Management Development by **Prof. Yoginder Verma**	International	16-20 June 2010	5	Institute of Manpower Planning and Research, New Delhi
2.	University Industry Interface **Prof. Yoginder Verma** **Dr. Ashish Nag**	National	November 26 to 27, 2011	2	CUHP and CII
3.	Bloomberg Aptitude Test (BAT) **Prof. Yoginder Verma** **Dr. Ashish Nag**	National	2013	1	CUHP and Bloomberg
4.	Aspiring Minds (AMCAT) Test **Prof. Yoginder Verma** **Dr. Ashish Nag**	National	May 13, 2013	1	CUHP and Aspiring Mind
5.	Workshop on Strategic Human Resources Management and Development in a Globally Competitive World by **Prof. Yoginder Verma**	International	4-8 August 2010	5	Institute of Manpower Planning and Research, New Delhi
6.	Capacity Building Program for Faculty Development (CBPF) **Dr. Bhagwan Singh (Convenor)**	National	22 Dec 2013	14	ICSSR, New Delhi
7.	Workshop on Quantitative Data Analysis and Data Mining **Dr. Mohinder Singh, Convenor**	National	23 to 25 April, 2014	3	funded by Central University of Himachal Pradesh
8.	Nation Workshop on Communication and Case Analysis" **Prof. Yoginder Verma (President)** **Dr. Manpreet Arora (Convenor)** **Mr. Ajay Kumar (Co Convenor)**	National	May 13th and 14th 2013	2	funded by Central University of Himachal Pradesh in Collaboration with IIM Lukhnow
9.	Nation Workshop on "Case Analysis and Case preparation" **Prof. Yoginder Verma**	National	July 31st to August 2nd, 2014	3	funded by Central University of Himachal Pradesh in Collaboration

					with IIM Ahmedabad
	(President) **Dr. Mohinder Singh** **(Convenor)** **Dr. Gitanjali (Co Convenor)** **Dr. Sarvesh (Co Convenor)** **Dr. Ashish Nag**				
10.	Nation Workshop on "Stress Management" **Prof. Yoginder Verma** **(President)** **Dr. Aditi Sharma (Convenor)**	National	April 21 and 22, 2014	2	funded by Central University of Himachal Pradesh
11.	Workshop on Linux for Management Students **Prof. Yoginder Verma** **(President)** **Dr. Ashish Nag (Convenor)**	National	03 April.2014	01	CUHP, IIT Bombay and NMEITCT, MHRD, Govt. Of India
12.	Certification Program In Linux	National	27/03/13	01	Spoken Tutorial
13.	Certification Program In Retail **Prof. Yoginder Verma** **(President)** **Dr. Ashish Nag (Convenor)**	National	2 to 5 Jan 2014	04	NSDC
14.	NIIT, Graduate Employability Test **Prof. Yoginder Verma** **(President)** **Dr. Ashish Nag (Convenor)**	National	14/11/2014	01	CUHP & NIIT
15.	Employability Skills **Prof. Yoginder Verma** **(President)** **Dr. Ashish Nag (Convenor)**	National	September 1, 2014	01	CUHP
16.	CII workshop on Entrepreneurship **Prof. Yoginder Verma** **(President)** **Dr. Mohinder Singh** **(Convenor)** **Dr. Gitanjali (Co Convenor)** **Dr. Sarvesh (Co Convenor)** **Dr. Manpreet Arora** **Dr. Aditi Sharma** **Dr. Ashish Nag**	National	18th September, 2015	01	CII and CUHP
17.	Joining Dots **Dr. Manpreet Arora**	National	2015	01	Central University of Himachal Pradesh

					(CUHP) and FMS Delhi
18.	Good Parenting **Prof. Yoginder Verma (President)** **Dr. Ashish Nag**	National	March-14, 2015	1	CUHP
19.	Wheebox Employability Skill Test **Prof. Yoginder Verma (President)** **Dr. Ashish Nag**	National	25-Feb, 2015	1	CUHP
20.	Village tourism **Prof. Yoginder Verma (President)** **Dr. Ashish Nag**	National	May 15, 2015	1	CUHP and Tourism Scouts of India

31. Code of ethics for research followed by the departments;

I. The school has departmental level Research Promotion and Monitoring Committee to monitor the research work initiated by researchers.

II. The school constituted a Management Research Circle (MRC) to monitor the research activities of research scholars and projects works of MBA students. It has a mechanism to monitor and address issues related to research and played a significant role in enhancing the scope for research as well as the quality of the research being carried out in the school.

III. School has developed its own Code of Ethics for Researchers as follow;

All the researchers have to follow the **Code of Ethics for Research** with the intent of showing due respect to all who are part of the research, respecting the values of truth, fairness and open democracy, upholding the integrity of a discipline, and carrying out the mode of enquiry of research as well as to ensuring the freedom to research, publication and dissemination of research results.

A. **Researcher's Responsibilities**

    I. **Towards Colleagues:**

a. When referring to the work of others do not intentionally misrepresent their work.

b. Never present other people's work as your own.

c. Always acknowledge other's contribution to their research and publication

d. Clearly identify material which comes from other author's publications or from personal communications

e. In a collaborative team research, clearly outline roles and responsibilities; publications; co-authorship in publication, etc.

    II. **Towards Informants**:

a. Maintain confidentially, autonomy and privacy of the informants

b. Obtain informed consent, i.e. relationships with in formants should be founded on trust and

openness

c. Avoid deception and convert research

d. Respect informant's decision not to participate in research

III. Towards Public:

Where public money is used in research, there is a duty to provide an account of how and why funds have been spent and what has been achieved.

IV. Towards Sponsors:

Acknowledging the sponsoring agencies/bodies and also careful selection of the sponsoring agencies while keeping in mind that there is no compromise of ethics.

B. Plagiarism

This could be material copied word for word from books, journals, internet sites, professor's course notes, etc. It could be material that is paraphrased but the original source is not acknowledged. It could be the work of a fellow student, data from a lab report, a paper or assignment completed by another researcher. Plagiarism does not refer to words alone - it can also refer to copying images, graphs, tables, and ideas without acknowledgement of the source. If you translate the work of another person from one language to another and do not cite the source, this is also plagiarism. If you cite your own work without the correct citation, this too is plagiarism.

C. Basic Ethical Principles of Research

i. Honesty:

Strive for honesty in all research communications, reporting data, results, methods and procedures, and publication status. Do not fabricate, falsify, or misrepresent data. Do not deceive colleagues, granting agencies, or the public.

ii. Objectivity:

Strive to avoid bias in research design, data analysis, data interpretation, peer review, personnel decisions, grant writing, expert testimony, and other aspects of research where objectivity is expected or required. Avoid or minimize bias or self-deception. Disclose personal or financial interests that may affect research.

iii. Integrity:

Keep your promises and agreements; act with sincerity; strive for consistency of thought and action.

iv. Carefulness:

Avoid careless errors and negligence; carefully and critically examine your own work and the work of your peers. Keep good records of research activities, such as data collection, research design, and correspondence with agencies or journals.

v.Openness:

Share data, results, ideas, tools, resources. Be open to criticism and new ideas.

vi. Respect for Intellectual Property:

Honour patents, copyrights, and other forms of intellectual property. Do not use unpublished data, methods, or results without permission. Give credit where credit is due. Give proper acknowledgement or credit for all contributions to research. Never plagiarize.

vii. Confidentiality:

Protect confidential communications, such as papers or grants submitted for publication, personnel records, trade or military secrets, and patient records, personal information or

opinions obtained from the informants, etc.

viii. Responsible Publication:

Publish in order to advance research and scholarship, not to advance just your own career. Avoid wasteful and duplicative publication.

ix. Responsible Mentoring:

Help to educate, mentor, and advise students. Promote their welfare and allow them to make their own decisions.

x. Respect for Colleagues:

Respect your colleagues and treat them fairly.

xi. Social Responsibility:

Strive to promote social good and prevent or mitigate social harms through research, public education, and advocacy.

Xii. Non-Discrimination:

Avoid discrimination against colleagues or students on the basis of sex, race, language, ethnicity, class or other factors that are not related to their scientific competence and integrity.

32. Student profile programme-wise

Name of the Program: Master of Business Administration

Year.	Name of the Program	Applications Received	Selected		Pass %age	
			Male	Female	Male	Female
2010	MBA	1076	51	30	63.0	37.0
2011	MBA	820	54	32	62.8	37.2
2012	MBA	1296	63	27	70.0	30.0
2013	MBA	1850	47	44	51.6	48.4
2014	MBA	1948	57	33	63.3	36.7
2015	MBA	2037	58	32	64.4	35.6

Year.	Name of the Program	Applications Received	Selected		Pass %age	
			Male	Female	Male	Female
2011	PhD	245(8)	06	02	80	20
2012	PhD	240(7)	06	01	86	14
2013	PhD	256(13)	09	04	69	31
2014	PhD	268 (4)	03	01	75	25

33. Diversity of students

Name of the Programme	% of students from the same university	% of students from the other university within same state	% of students from the other states	% of students from the other Country
MBA	Nil	83	17	Nil
PhD	20	75	25	Nil

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Services	Number of students
Defence Services	11
JRF	?
NET	35
PO	52
Corporate Manager	47

35. Student progression NA

Sr. No.	Student progression	Percentage against enrolled
	UG to PG	NA
	PG to M.Phil.	NA
	PG to Ph.D.	1.5
	Ph.D. to Post-Doctoral	-
	Employed	80
	Campus selection	20
	Other than campus recruitment	60

36. Diversity of staff

Percentage of faculty who are graduates	
Same University within the state	55
from University other states	45
from University outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :

1. **Dr. Manpreet Arora**, awarded Ph.D. on the topic "Changing Dimensions of Sino-Indian Trade Relations" in H.P University Shimla under the guidance of Prof. Kulwant Singh Rana, in July 2011.
2. **Dr. Ashish Nag**, "Efficacy of Bharat Sanchar Nigam Limited Services in Himachal Pradesh" in H.P University Shimla under the guidance of Prof. Kulwant Singh Pathania, in July 2013.

38. Present details of departmental infrastructural facilities with regard to:

   I.   Library : Common Library
   II.   Internet facilities for staff and students: **Available to All**
   III. Total number of class rooms: **Four**
   IV.   Class rooms with ICT facility: **Four**
   V.   Students' laboratories : **One**
   VI.   Research laboratories **: One**

39. List of doctoral, post-doctoral students and Research Associates

  a. Doctoral students From the host institution/university

Sr. No.	Name of the student	Roll No.	Name of the Supervisor
1.	Ms. Svati Kumari	CUHP13RD MGMT05	**Supervisor: Dr Ashish Nag, Assistant Professor,** Department of Accounting & Finance
2.	Mr. Sandeep Singh	CUHP13RD MGMT06	**Supervisor: Dr Ashish Nag, Assistant Professor,** Department of Accounting & Finance
3.	Mr. Nitish Arora	CUHP13RD MGMT14	**Supervisor: Dr Sarvesh Kumar, Assistant Professor,** Department of M&SCM
4.	Mr. Vishal Chadha	CUHP13RD MGMT15	**Supervisor: Dr. Bhagwan Singh, Associate Professor & Head,** Department of M&SCM
5.	Mr. Sreenu Telu	CUHP13RD MGMT08	**Supervisor: Prof Yoginder Singh Verma, Professor & Dean,** School of Business and Management Studies
6.	Ms. Alka Lalhall	CUHP13RD MGMT16	**Supervisor: Dr. Bhawana Bhardwaj, Assistant Professor,** Department of HRM & OB
7.	Mr. Vikas	CUHP14RD MGMT04	**Supervisor: Dr. Mohinder Singh, Assistant Professor**, Department of Accounting & Finance
	One Students left the Program due to their Job		

  b. from other institutions/universities

Sr. No.	Name of the student	Roll No.	Name of the Supervisor
1.	Mr. Avinash Rana	CUHP11RD MGMT02	**Supervisor: Prof Hans Raj Sharma**, **Professor and Head** Department of Economics
2.	Mr. Gaurav Katoch	CUHP11RD MGMT03	**Supervisor: Prof Hans Raj Sharma, Professor and Head** Department of Economics
3.	Ms. Jatinder Kaur	CUHP11RD MGMT04	**Supervisor: Dr. Ashish Pareek, Assistant Professor,** Maharishi Dayanand Saraswati University, Ajmer and **Co – Supervisor: Dr. Gitanjali Upadhaya, Assistant Professor,** Department of HRM & OB.
4.	Mr. Kamal Gupta	CUHP11RD MGMT05	**Supervisor: Dr. Gitanjali Upadhaya, Assistant Professor,** Department of HRM & OB
5.	Ms. Namrita Kalia	CUHP11RD MGMT06	**Supervisor: Prof Yoginder Singh Verma, Professor & Dean,** School of Business and Management Studies **Co-Supervisor: Dr. Bhawana Bhardwaj, Assistant Professor,** Department of HRM & OB
6.	Mr. Puneet Sood	CUHP11RD	**Supervisor: Prof Yoginder Singh Verma,**

		MGMT07	**Professor & Dean,** School of Business and Management Studies
7.	Mr. Sanjeev Kumar	CUHP11RD MGMT09	**Supervisor: Dr. Mohinder Singh, Assistant Professor**, Department of Accounting & Finance
8.	Mr. Sachin Kumar	CUHP11RD MGMT08	**Supervisor: Dr. Bhagwan Singh, Associate Professor & Head,** Department of Marketing & Supply Chain Management (M&SCM)
9.	Mr. Devender Kumar	CUHP12RD MGMT03	**Supervisor: Dr. Bhagwan Singh, Associate Professor & Head,** Department of M&SCM
10.	Mr. Himanshu Rajput	CUHP12RD MGMT11	**Supervisor: Prof Yoginder Singh Verma, Professor & Dean,** School of Business and Management Studies
11.	Mr. Jagdish Raj Saini	CUHP12RD MGMT01	**Supervisor: Dr. Sanjeev Gupta, Associate Professor & Head,** Department of Accounting & Finance **Co – Supervisor: Dr Ashish Nag, Assistant Professor,** Department of Accounting & Finance
12.	Mr. Parveen Kumar	CUHP12RD MGMT06	**Supervisor: Dr. Aditi Sharma, Assistant Professor,** Department of HRM & OB
13.	Mr. Rishi Kant	CUHP12RD MGMT07	**Supervisor: Dr. Bhagwan Singh, Associate Professor & Head,** Department of M&SCM **Co – Supervisor: Dr Sarvesh Kumar, Assistant Professor,** Department of M&SCM
14.	Mr. Sachin Lal	CUHP12RD MGMT02	**Supervisor: Dr. Sanjeev Gupta, Associate Professor & Head,** Department of Accounting & Finance
15.	Ms. Swati Singh	CUHP12RD MGMT09	**Supervisor: Dr. Manpreet Arora, Assistant Professor,** Department of Accounting & Finance
16.	Mr. Abdul Rishad Kuttiprathodi	CUHP13RD MGMT01	**Supervisor: Dr. Sanjeev Gupta, Associate Professor & Head,** Department of Accounting & Finance
17.	Mr. Bhushan Singh	CUHP13RD MGMT02	**Supervisor: Dr. Mohinder Singh, Assistant Professor**, Department of Accounting & Finance
18.	Ms. Binish Hamid	CUHP13RD MGMT03	**Supervisor: Dr. Manpreet Arora, Assistant Professor,** Department of Accounting & Finance
19.	Mr. Deepak Jaiswal	CUHP13RD MGMT13	**Supervisor: Dr. Bhagwan Singh, Associate Professor & Head,** Department of M&SCM
20.	Mr. Sunil Kumar	CUHP13RD MGMT12	**Supervisor: Dr. Gitanjali Upadhaya, Assistant Professor,** Department of HRM & OB
21.	Mr. Akhil Sharma	CUHP14RD MGMT01	**Supervisor: Dr. Sanjeev Gupta, Associate Professor & Head,** Department of Accounting & Finance
22.	Mr. Vikas Kumar	CUHP14RD	**Supervisor: Dr Sarvesh Kumar, Assistant**

Tayagi	MGMT03	**Professor,** Department of M&SCM
Two students left the Program due to their Job		

40. Number of post graduate students getting financial assistance from the university

University is providing following scholarship to our students;
   a. Scholarship to PH students
   b. Rajiv Gandhi National Fellowship
   c. Free ship Fellowship
   d. Scholarship to Minority students

Details of Students who availed Freeship/ Fellowship

Sr. No	Years	Total Students		Year wise Total
		PG	RD	
01	2011-12	12	8	20
02	2012-13	23	8	31
03	2013-14	16	15	31
04	2014-15	26	28	54
05	2015-16	24	22	46
Total Number of Students		101	In all 28 PhD Students received fellowship	

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. Yes

   a. The Vision of the University was the guiding star
   b. A workshop of the eminent professors and industry experts was conducted to finalise the courses as well as to design the syllabus, 2010.
   c. Industry- academia interface in 2011 was organised to take inputs from the corporate for incorporating skill requirements of the Industry in the curriculum

42. Does the department obtain feedback from
   A. **Faculty on curriculum as well as teaching-learning-evaluation?** Yes
Feedback is analysed in the meeting of the teaching faculty:
   a. To bring innovations in teaching-learning and evaluation process**.**
   b. To recommend introduction of new courses
   c. To upgrade the existing course contents
   B. **Students on staff, curriculum and teaching-learning-evaluation** and how does the department utilize the feedback?
There is a proper format for the feedback that is filled up by the students after every semester

end examination.
The feedback of the students is used to

- Modify the curriculum and upgrade the course contents

 Assessment of the Faculty members and enable them to improve the quality of delivery in the class

C. **Alumni on the programmes Alumni on the programmes offered and how does the department utilize the feedback?**

School has its own Alumni Association and it meets annually to Suggest amendments or up-gradation of curriculum on the basis of their experiences

D. **Employers on the programmes** offered and how does the department utilize the feedback?

Feedback is collected from the industry supervisors under whom students undertake summer placement and is discussed in the School meeting. The feedback is utilised to;

- Modify course contents by incorporating the industry requirements
- Inculcate necessary skills and attitudes through mentoring sessions by the faculty
- Invite experts from industry to develop the required skills and competencies
- Develop employability skills through mock interview, employability tests and role plays by experts from the industry and education.

43. List the distinguished alumni of the department (maximum 10)

1. Mr. Jatin Sharma, Director, Gold Telecommunication India (Pvt.) Ltd.
2. Mr. Raghav Manocha, Director, Himalayan Home Saaj
3. Ms. Parul Kaul, Manager, Citi Bank, New Delhi
4. Mr. Vineet Sharma, Manager, Asian paints, Northern Region
5. Mr. Yogesh Kumar, Manager, Manager UCO Bank, Jaipur
6. Mr. Chiranjeet Banerjee, DEL International, Chandigarh
7. Dr. Namarta Kalia (Faculty), NIT Jallandhar
8. Mr. Pankaj Shrama, Manager SBI, Chandigarh
9. Mr. Rakesh Nehrai, Manager, Steel Authority of India, Kolkata
10. Mr. Sahil Gupta, Manager, WNS Global services Gurgaon
11. Ms. Ambika Chaudhary, Manager, SJVN, Shimla
12. Mr. Kuljinder Singh, Head IT Circle, PNB, Kangra
13. Mr. Ram Yogi, Manager, Coca Cola, Chandigarh
14. Ms. Shagun, CII Chandigarh
15. Mr. Sushant Abrol, Manager ACC, Solan
16. Mr. Shwetang , Manager, ITC, New Delhi
17. Mr. Antriksh Sharma, Manager, Hawkins
18. Mr. Rahul Verma Manager, Reliance Retail
19. Mr. Sudheer Gulia, Manager, MTNL, New Delhi

44. Give details of student enrichment programmes (Special lectures / workshops / seminar) involving external experts

Year wise list of activities attached in as follow;

2010

1. On 15th November 2010, Prof. D. K. Agrawal from IIM, Shillong delivered a lecture to the students of the university on the different marketing techniques that are prevailing in present corporate world.

2. The founder Hon'ble Vice-Chancellor Prof. Furqan Qamar delivered a lecture on 29th November 2010 on "Employability Skills". He emphasized on the need to develop skills such as flexibility, creativity, empathy, reliability, integrity, which are the essential qualities any employer is looking forward to in his potential employees.

3. On 7th December 2010, Prof. Geeta Shah and Prof. Nishar Sheikh from USA delivered a lecture on 'Value Based Education in Indian Universities.' They also planted saplings in the university campus.

4. A collage show was organized on 22nd November 2010. Topics for collage were Time Management, Human Values and Ethics and Leadership. Students successfully depicted different social problems like corruption and female feticide, inequality and injustice.

2011

5. Mr G.C Sharma, Head, Financial Education, Schools and Universities, N.S.E India, delivered a lecture on "Career in Financial Market" on 28 February 2011. He explained how the NSE works and how one can invest. He gave a brief idea about the course which the NSE may offer in the University.

6. On 25th February 2011, Ms. Ellora Rath, Asstt. Manager (HR) and Mr. Sanjeev Ganju, Chief Manager (Operation Department) from the Escort Ltd- Agri Machinery Group based at Faridabad, interacted with the students. Ms. Rath focused on the work culture of the corporate world.

7. From 9th to 13th April 2011, Prof. Balkrishan from HPU Shimla, delivered special lectures to students of PG and RD on 'Analytics of Research'. This workshop was aimed to make students aware about different statistical tools used in research with the help of SPSS- Software.

8. On 25th April 2011, Prof. Shankar Venkatagiri, IIM, Bangalore delivered a lecture on the role and the usage of technology in present education system. He emphasized on technology based teaching and introduced "Moodle" which is the learning Management System in IIM Bangalore that helps in getting e-learning resources pertaining to different courses.

9. On 18th June 2011, Prof. Kannan M Maudgalya from the Dept. of Chemical Engineering, IIT Bombay visited the university campus and delivered a lecture on "Spoken Tutorials: IT Literacy, Bridging Digital Divide and Employment". In his lecture, Prof. Maudgalya emphasized on the IT Literacy and learning of language through software that are playing a major role in today's educational structure.

10. On 23rd August 2011, Prof. Sunil Sangra, a renowned academician and a management consultant delivered a lecture on 'Emerging Economies of the World.' In his speech, Prof. Sangra observed that with the physical resources, technology, and skilled

manpower, India would emerge as one of the key economies of the world by the year 2020. He felt that it is the competent human resource that makes a country prosperous and India is fortunate to have a pool of immensely talented and capable manpower that has the capacity to transform India into an economic superpower.

11. On 29 August, 2011, Mr. Robey Lal, an eminent expert in Aviation sector interacted with the students of the University. In his speech, Mr. Lal spoke that a good manager should have great number crunching ability and should be able to foresee future opportunities and tap them before the competitors. In a cut throat competition one should not forget the values like honesty, truthfulness and integrity because the lack of these has resulted in several big corporate frauds.

12. On 3rd October, 2011, Mr. Rakesh Kanwar, Director, NHRM, HP Govt. delivered a lecture on the essential qualities required in a management student. Mr. Kanwar discussed that to be a successful manager one has to be MBA not in thoughts but in action too. He ought to be a complete package of knowledge, honesty, leadership and team work. He exhorted the students to read books as books are the best friends of a student.

13. The Management Students formed a Study Circle (**PAGE TURNERS**) on 3rd October, 2011 where the topical books will be read and shared by the students.

14. A workshop on Stress Management was organised on 22nd March 2011.

15. A workshop on 'Academic Writing was conducted by '**Prof. Harish Narang** from **JNU** from 3rd March to 9th March 2011 and prepared the students for preparation and organization of a proposal /concept note for organizing seminars/conferences, sketching a mind-map, abstract for a scholarly paper, report writing and synopsis of a research article.

16. Republic day was celebrated at the camp office in Dharamshala on 26th January 2011. The event was initiated with the flag hoisting ceremony by the Hon'ble Vice Chancellor, followed by National Anthem. The Vice Chancellor delivered an inspiring speech on the occasion.

17. A 5-day **Management Development Programme** from June, 16-20 June, 2010 in collaboration with **Society for Education and Economic Development (SEED),** and Institute of Manpower Planning and Research, New Delhi and 50 participants from 28 nationalities participated in it.

18. A 3-day (4-8 August, 2010) Workshop on **Strategic Human Resources Management and Development in a Globally Competitive World** was organised in collaboration with the Society for Education and Economic Development, New Delhi organized for MBA students.

19. An Industrial visit was organised for MBA students to hero cycles Ludhiana, Mother Dairy, and MSME Testing Centre, Delhi W.E.F 27th to 30, April 2011.

20. A two day **University Industry Interface** was organized by School Of Business And Management Studies w.e.f November 26 to 27, 2011 in which 25 industry expert namely Mr. Sanjeev Gandhi, Ceo, Sonalika Tractors, Mr. S. K. Sharma MD, Global Agri Systems, Mr. Parvesh Paul Sood, Senior Vice President, RBS, Mr. Jitendra Eklahare, Director, Telematrix Consultants, Mr. Naveen Sharma, Regional Head,

Sales & BD, Bharti Wal Mart, Mr. Navneet Choujar, Owner, Navtarang Enteratainment and Mr. Jitendar Sodhi, MD, Ayush intract with our students and deliberate on various contemporary issues in business world.

2012

21. Prof. S L Kaushal, University Business School, HP University, Shimla, delivered a talk on "Emerging Issues in Human Resource Management" on 22nd March, 2012.

22. Mr. Shailen Sharma, GM (L-2), Tata Steel (the Netherlands), (earlier Corus Steel Europe), one of the youngest GM of Tata group of companies visited the University on 2nd February 2012 and interacted with the students.

23. Mr. Varun Rattan Singh, COO, Srijana Dhauladhar Technologies delivered a talk on "Entrepreneurship". On October 12, 2012. He discussed the qualities needed to become a job provider than a job seeker. He said that an entrepreneur is a person who has the risk taking ability, provides innovative products and services and has a focused approach. He also highlighted the challenges that an individual faces when starting a new venture. He motivated the students to come out of their individual shells and start their own ventures. He also highlighted the importance of B-Plan and venture capitalists.

24. Mr. Abhinav Aggarwal, a certified financial education trainer of Securities and Exchange Board of India (SEBI) conducted a workshop on how to to spread basic financial awareness among people, so that they can make sound financial decision.

25. An expert lecture on Intellectual Property Rights which was delivered by Dr. Raju Narayana Swamy, Commissioner, Civil Supplies, Government of Kerala, Republic of India. Dr Raju spoke about the importance of intellectual property in India which is well established at all levels- statutory, administrative and judicial. Dr. Raju cited various cases drawn from the industry to reflect the extensive use of IPR in India.

26. **Round Table on University – Industry Interface**

Training and Placement Cell of School of Business & Management Studies organised University- Industry Interface on 26th and 27th November 2011. In this event students displayed their entrepreneurial and managerial skills by way of management oriented cultural events, Business Plan and Trade fair. Leaders, managers and chief executives from the industry and academia share their experiences with our students that helped the School in redesigning its curricula considering industry expectations. Industry professionals from reputed organisations like Royal Bank of Scotland, Rites Ltd, Global Agri System, Telemetric Consultants, Bharti Walmart, Sonalika Group, Ayush Herbals, Fullerton India, UCO Bank, and Bajaj Allianz participated in this Round Table.

27. **Participation in "Comquest 2012"**

Delegation of MBA students attended the event "Comquest 2012" and took participation in events like - Movie making, Ad Mad, Go Green and Amazing Race. They also attend the National Seminar on "Corporate Social Responsibility: A Gender Perspective" at Lady Shri Ram College, New Delhi on October 26th, 2012. The Seminar was organised under the event "Comquest 2012" in which many informal were also held for participating students.

28. **AD MAD - THE WACKY SIDE OF ADVERTISEMENT**

An "AD *MAD - THE WACKY SIDE OF ADVERTISEMENT"* Competition was organised for MBA students on November 1st, 2012 and six teams from MBA, MBA (T&T) and M.Sc. (IT) displayed their creative abilities in making advertisements for the different products.

29. VISHLESHAN

A Case Analysis Competition *"VISHLESHAN"* was organised on 20th October, 2012 and the participants were given a Case on Swarguha Foods pertaining to an entrepreneurial venture of a family owned business and the issues and challenges they faced in relation to its future growth.

30. EMPRESA FIESTA -THE MANAGEMENT FEST

The Management Society of School of Business and Management Sciences hosted *'Empresa Fiesta: An exposition of management talent'* a Management Fest to inculcate the innovation and creativity among MBA students. Competitions like Business Quiz, Business Plan, Creative Marketing, Rhetoric Role Play, Treasure Hunt etc were organised and twelve Business Schools from across the State participated in this event.

31. An industrial visit was organized on April 5-8, 2012, by the Training & Placement Cell for the students of MBA to provide them an insight into the real world. Auro Textiles and Paramount Polish Processor Pvt. Ltd. at Baddi, Hero Cycles at Ludhiana, Mother Dairy Fruits & Vegetable Ltd. in Delhi and Rave India Pvt. Ltd.

2013

32. Sh. S.R. Mardi, Additional DGP (CID & Prisons), Government of Himachal Pradesh, delivered a lecture on "Positive Attitude Building" on 10th October and deliberated on the importance of inculcating the right set of attitudes in oneself to enable individuals lead a wholesome life both professionally and personally.

33. CAMPUS VISIT To IIT Delhi and JNU

A group of management students visited IIT Delhi and Jawahar Lal Nehru University Campus on 28.01.2013. During this visit students visited libraries of these institutions and interacted with the students and faculty of IIT Delhi and JNU.

34. Industrial Visit to Shipping Corporation of India

Our MBA students visited Shipping Corporation of India (SCI) on Feburary 2nd, 2013 and experienced the port operation and cargo movement. They visited Chennai port and saw the logistic operation of shipping and passenger carrier "SWARAJ DWEEP" under the flag of SCI between Chennai to Andamans. The captain of the ship had taken them around the ship. The regional office of Shipping Corporation of India at Chennai was kind enough to arrange the educational and institutional visit. Mr. Gangadhran Vinod, The Vice President of the SCI, and Mr Madan Singh, the General Manager, SCI Chennai interacted with the students. The Vice – Chairman had given SCI shipping flag as institutional honour to the Central University of Himachal Pradesh.

35. Participation in "Kurukshetra- 2013"

Students of SBMS participated in the "Kurukshetra- 2013"- An International Techno-Management Fest organized by College of Engineering, Guindy, Anna University, Chennai. The events in which the students participated were "Kidol", "Marketing Madness", "Chaos Theory" and "Peepli Live". Abhinav, Abhimanyu, Akash, Ashish, Dheeraj, Gaurav, Gurjeet, Isha, Manik, Monika, Nishant, Nishi, Shikha, Shivam and Vinod participated in "Marketing

Madness", and Abhinav, Abhimanyu, Akash, Ashish, Dheeraj, Gaurav, Gurjeet, Isha, Manik, Monika, Nishant, Shivam and Vinod took participation in the "The Chaos Theory" and in this even Mr. Shivam Puri stood second in the Battle of Brands. Amit, Gaurav and Monika got the third position in "Peepli Live" a photography event. Mr. Amit Sohal got the sixth position among 50 student ambassadors who were representing different universities.

36. Intra University Competition

Management Society organized a Business Plan Competition on 07th November, 2013 and students displayed their business plans.

37. "Himspark 13" – A National Level Management Fest

Himspark'13, a 2-day national level management fest was organised by the Management Society on 5 & 6th April, 2013 to help the management students in developing leadership and entrepreneurial skills and to provide hands-on exposure to the students who learnt about the theory of management only in their classrooms. Students showcased their managerial, professional and creative skills through organizing and participation in various management related events. More than 250 students from various universities and colleges like Panjab University, Chandigarh, Himachal Pradesh University, Shimla, Sri Mata Vaishno Devi University ,Katra, Sri Sai University, Palampur and Government College, Una, Government College Dharmshala, NIFT Kangra, Gian Jyoti, Centum Learning Dharmshala, Anna Malai Univeristy participated in more than 30 events organized in the campus with enthusiasm and vigour.

38. Connect4Career recruitment Drive and workshop

 A workshop was organized by SBMS with the collaboration of Connect4Career Pvt. Ltd, a leading recruitment company. They meet with the University students in order to explore a career in different sector in the domain of Marketing, Finance and Human Resource. They delivered a campus talk (lecture basis) and conduct Written Test, Group Discussion and Personal Interview in a workshop mode. The said workshop was held on 23rd April, 2013 This workshop benefited our students in developing employable skills and prepare them to avail Job Opportunities.

39. Vividh Edutech Pvt Ltd workshop

Vividh Edutech Pvt Ltd has conducted a workshop on on April 9th, 2013 for the students of the University. They highlighted the various aspects of Summer Placements and Final placement of the students.

40. Placement Drive by Beta Soft Systems Pvt Ltd

Beta Soft Systems Pvt Ltd, a leading IT Multinational meet with the University students 10th April, 2013 in order to explore a career in IT Sector in the domain of Marketing and Human Resource. They delivered a campus talk (lecture basis) and conduct Written Test, Group Discussion and Personal Interview in a workshop mode. Around 20 students were selected in this drive.

41. SBI Summer Placement Interview

The SBI Regional office has conducted interview for the summer placement for the students of the University on dated May 6th, 2013. Around 20 students were selected by the SBI for Summer Placement.

42. Aspiring Minds (AMCAT) Test

Aspiring Minds, a leading Employability Assessment & Recruitment Company conducted Written Test (AMCAT) on dated 14th May 2013. AMCAT is India's First & Largest employability test on computer-based adaptive testing platform. Over 3.5 Lakh students take the AMCAT every year. The said test is a 2 hour, computer based adaptive test on general aptitude; personality and domain knowledge.

2014

43. An Interactive session on "Corporate Finance" was conducted by Mr. Santosh Kumar, Assistant Vice- President, Corporate Finance, Yes Bank, Delhi with Students of SBMS Regarding function of corporate and motivated the students to decide their career in the chosen field of specialization. The interactions were a part of initiatives taken by the school to promote the Liaison with the industry. Mr. Santosh gave an overview of the banking industry and role of corporate finance.

44. **Prof. M.R. Dixit,** Indian Institute of Management, Ahmadabad conducted a three day workshop on "Case study and Case Writing" on 31st July-2 August 2014, to equip the faculty and students with the knowledge and skill in writing cases as well as using these cases in their teaching pedagogy to shifts them from Teacher Led Teaching (TLT) to a Student Pull Learning (SPL).

45. **Prof. Ravi Shankar**, from IIT Delhi and author of many books on Supply Chain Management; spoke on the Nature of Supply Change Management and enticed the students to learn about Emergency Supply Chain management.

46. **Prof. J.K. Mitra**, the former Head & Dean of Faculty of Management Studies delivered a lecture on "Applicability of Management Techniques in real life". He discussed about the latest trends in the management. He also conducted a workshop of SBMS Faculty and Research Scholars on "Case Analysis as a Teaching Pedagogy". He discussed about the various aspects of case analysis and discussed in detail that how case study teaching and analysis can be used as an effective tool in management.

47. **Mr. Tanvir Singh Noor**, Founder and CEO, Milestones Consulting, Chandigarh enlightened the students regarding "Employability Skills". Mr Noor apprised the students of the skills-set required for entry into the Corporate Sector and making a mark in the corporate world.

48. **Prof. Roshan Lal Raina**, Dean, Planning and Development at Indian Institute of Management, Lucknow conducted a two days workshop on 'Communication and Case Analysis' to improve the interpersonal and intrapersonal communication skill of a business manager.

49. **Mr. Abhinav Aggarwal**, an expert from Securities and Exchange Board of India (SEBI) conducted a workshop on "Financial Planning for Execution". The objective of the workshop was to create financial awareness among the students.

50. **Prof. Karamjeet Singh**, Director UGC-Academic Staff College and Professor, University Business School, Punjab University Chandigarh had an interaction session with management students on Art of Thinking. He said that sanctity of life should be maintained by following three mantras: Dastar (your personality), Raftar (your actions and postures) and Guftar (your communication).

51. **Mr. Rahin Mittal,** Head, EOS Edu Ventures, a VTP (Vocational Training Provider) through a workshop on "Employment Opportunity in Retail Sector" enlightened the students and demonstrated the necessary skills required to excel in the corporate sector.

52. **Workshop on Quantitative Analysis and Data Mining**

A three-day workshop on Quantitative Analysis and data mining was conducted by **Prof. Balkrishan Bali**, Former Chairman, School of Commerce and Management at HP University, Shimla on 23 to 25th April, 2014 to enable faculty members and research scholars to be proficient in the use of various statistical software and develop conceptual clarity of various quantitative techniques in research. More than forty five participants consisting of faculty members and RD of SBMS and other Schools of CUHP attended this workshop.

53. **Prof. Sagar Sharma, Professor Emeritus**, Panjab University, Chandigarh conducted a Two Day Workshop on "Stress Management" on April 21 and 22, 2014.

54. A One Day workshop on **"Employability Skills"** was organised by the Management Society, and Training and Placement cell of SBMS, on 1st Septembers, 2014 . Mr. Karunesh Dev, an industry expert (Resource Person) delivered a talk in the workshop and discussed importance of employability skills for management students. He emphasized that Employability skills are the foundation of career building blocks. They enable students to enter the profession of their choice and help in career growth.

55. **" Himspark 14 – A National Level Managment Fest"**

Himspark '14 was organized on 11 & 12th, April 2014, for the overall development of the personality the students. The students actively organized their Annual Management Fest in which more than 250 students from different Universities and Management Institutions participated in more than 30 events like Sales person, Talk Show, Finance related Case Study, Slogan Writing, Collage-making, Pehchaan Kaun, Photography, Ad-Mad show, Business Plan, Marketing Madness, General Case Study, Prelim of Best Manager, Spell Bee, Chaos Theory, GK Quiz and Financial Quiz to test their communication skills, situation handling, brainstorming, creativity, thinking ability. Different stalls of food and games were also displayed by the participants in the open arena which were the part of Sales Mandi competition.

56. Apart from realm of imparting knowledge through higher education the Central University of Himachal Pradesh also contribute to overall development of its students. Training and Placement Cell of School of Business and Management Studies, Central University of Himachal Pradesh organised a 4-days industrial visit to industries w.e.f 17th April, 2014 to 20nd April, 2014 for second semester MBA Students in which more than 65 students participated. The industries which were visited by the students are Aquamall group of Eureka Forbes (Baddi), Janus Packaging Pvt. Ltd. (Baddi), Crown Caps Pvt. Ltd franchise of Coca Cola (Amritsar), Mother Dairy (Delhi) and Creations Modular Pvt. Ltd. (Manesar Gurgaon). During the visit the various managerial practices were observed and students learned practically the actual functioning in the industrial world.

57. A One day workshop on **"Employability Skills"** was organised Mr. Karunesh Dev, an industry expert (Resource Person) Manager Operations, Bank of America Continuum India Pvt. Ltd, delivered a talk in the workshop on employability skills.

58. NIIT, G.E.T (Graduate employability test)

NIIT, a leading IT Education firm conducted G.E.T (Graduate employability test) on 14th November 2014. The said test is a 2 hour, based on general aptitude; personality and domain knowledge. This Test benefited our students in developing employable skills and prepares them to avail Job Opportunities.

59. "Swach Bharat Abhiyan"
Role play Competition on the life stories of Sardar Vallabh Bhai Patel was held on the occasion of Swach Bharat Abhiyan in the campus. MBA students displays their talent by performing various one act plays.

2015

60. Prof. Ravi Shankar, from IIT Delhi Delivered Lecture on **"Supply Change Management issues and Challenges in India",** and enticed the students to learn about Emergency Supply Chain management.

61. A four day **industrial visit** was organised for MBA second year students from April 30th to May 3rd, 2015 and students visited various industrial units located at Dehradoon, Rishikesh and Haridwar to gain insights into the various operational and managerial practices adopted by these industrial organisations. During their visit to Himalayan Drugs at Dehradoon, University of Petroleum & Energy Studies at Dehradoon, Patanjali Yogpeeth at Haridwar, Dabur India LTD and EVEREADY Industries Ltd.

62. "Wheebox Workforce Skills Test-WEST)".

The Association of Indian Universities (AIU) has signed an MOU with **Wheebox,** A global talent assessment firm in association with **Confederation of Indian Industry (CII) and Linkedin (World largest professional network)** to assess the **"Employability skills"** of all candidates of the university and Institutions using **"Wheebox Workforce Skills Test-WEST)".** All students pursuing their final year course across **all Disciplines** may take this test online at no cost. All those who take the test will be awarded with **"online transcript"** of their grades and online certificate endorsed by **Association of Indian Universities and Confederation of Indian Industry**. The said test was held on dated 25th February, 2015.

63. Interaction of MBA Students with Inbound tourists in Village tourism concept

A request has been made by Tourism Scouts India for the   interaction of MBA Students with Inbound tourists in Village tourism concept. Above said event was held at Durgella Village, Tehsil. Shahpur, Kangra. on 5th March 2015. Around 15 students of MBA interacted with the foreign tourists.

64. **Mr. Rajiv Joshi, Associate Professor, Entrepreneurship Development Institute of India, Ahmedabad**, conducted the One Day workshop **"Yustart 2015, a CII-Yi Start- Up Challenge"** on 18th September, 2015 and trained the students of School of Business and Management Studies for successful commercialization of innovations, building and writing business models, raising funds for technology based ventures and Capturing from knowledge by protecting intellectual Property Rights.

65. **Prof. Naval Kishore,** From **IGNOU,** Delivered Lecture on **"Latest Trend and Impact of Global Economy on Countries",** on October 7th, 2015**.**

45. **List the teaching methods adopted by the faculty for different programmes**
    a. Lecture-cum-demonstration
    b. Management Games
    c. Mentoring
    d. Case Studies
    e. Audio-visual Presentations,
    f. Problem Solving Assignments
    g. Videos and Movies
    h. Quiz
    i. Simulation
    j. Role Plays
    k. Self learning Modules
    l. Newspaper Discussions
    m. Story telling
    n. Brain Storming Session
    o. Workshops
    p. Facilitator Guided Discussions
    q. Learning by doing exercises
    r. Mock Drills
    s. Live Projects
    t. Field Projects

u. Book/Papers Reviews

v. MOOCs

w. Panel Discussion

x. Discussion Forums

y. Debates and Symposium

z. Experiential Learning

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

a. Mid semester review of course contents by faculty

b. Analysis of Students feedback

c. Follow up during summer placement

d. Monitoring during summer placement by faculty and industry supervisor

e. Mentoring to fill up gaps in academic knowledge and industry requirements

f. Periodic review of course contents in Board of Studies and School Board

g. Interaction with corporate and other stakeholders

h. Discussions in Management Research Circle

i. Interactions with experts at various platforms

j. Students participation in decision making at various levels

k. Encouraging students involvement in organising various events

47. Highlight the participation of students and faculty in extension activities.

a. Innovators and Entrepreneurs Exhibition was organised on February 28, 2014 and was inaugurated by Hon'ble President of India.

b. Organised "**Schoolmate**" a contest for Local schools students in HIMSPARK-2013 & 14.

c. National Level Management Fest for management students from different universities.

d. Organised placement fairs for vocational students from different educational institutions

e. Adoption of five villages under "Unnat Bharat Abhiyan" and faculty of SBMS do participate in various social activities.

f. Promotion of financial inclusive programs for local residents.

g. Organised various Nukkad nataks to create awareness on various social issues.

h. Organised Role Plays on Leadership qualities of personalities like Sardar Patel

48. Give details of "beyond syllabus scholarly activities" of the department.

a. Conducted Industry Academia Interface

b. Management Fest "Himspark"

c. Discussions on annual Union Budget

d. Discussions on current affairs

e. Bloomberg Aptitude Test (BAT) to assess financial knowledge of students.

f. Local Entrepreneurship Meet in University campus
g. Industrial visits of the students in each semester
h. Compulsory Summer Placement
i. Activities by Management Society like – Book Reading, Collage Competition, Business Plans, Case Studies of small entrepreneurs,
j. Participation in Blood donation camps
k. Participation in Unity Week, Constitution Day, Education Day, Earth Environment etc.
l. Street plays for social awareness

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

a. Inculcating entrepreneurial skills among local micro entrepreneurs and artisans
b. Management Practices of local vendors
c. Learning by doing exercises
d. Web-based advertising for promotion of local vendors
e. Personal finance management practices for villagers

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths	Weaknesses
1. Qualified, experienced and dedicated Faculty	
2. Wide range of courses to students for making their own choices developed by Eminent academicians and industry experts	1. Limited physical infrastructure 2. Locational disadvantage 3. Vacant positions at senior level
3. Development of practical skills through summer placement, live projects, case Studies, field surveys and community lab.	
4. Choice Based Credit System with Industry orientation	
5. Learner centric approach supported by learning -enabling environment	
Opportunities	**Challenges**
1. Introduction of need based management papers/courses	1. Training and Placement
2. Linkages with community and other institutions at national and international level.	2. Getting faculty at senior level 3. Providing quality education to the students from Rural and socially disadvantageous groups

3. Potential for research in small scale industries and traditional vocations 4. Attract quality students and faculty because of being around Dharamshala	4. Competition from other quality institutions and MOOCs 5. Increased students expectations

52. Future plans of the department.

The School envisages focusing in future on the following:

1. Starting of B.Voc programme in Financial and Marketing Services under Deen Dayal Upadhaya KAUSHAL KENDRA
2. Strengthening University –Industry interface with the help of CII and FICCI
3. Development of USP of the school
4. Development of entrepreneur incubation centre
5. E-content development by the faculty
6. Getting national and international research funding
7. Starting undergraduate course in business and management
8. Development of management labs.

Department of
Mathematics

1. **Name of the Department:**   Mathematics

2. **Year of establishment:**   2011

3. **Is the Department part of a School/Faculty of the university?:** Yes

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):**
    - M.Sc. Mathematics (Specialisation in Industrial Mathematics)
    - Ph. D. Mathematics

5. **Interdisciplinary programmes and departments involved:** Nil

6. **Courses in collaboration with other universities, industries, foreign institutions, etc**.: Nil

7. **Details of programmes discontinued, if any, with reasons**: Nil

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**:
    Semester with CBCS

9. **Participation of the department in the courses offered by other departments:**
    Yes
    - The department has offered University Wide Courses such as Economic and resource prices, Probability and Statistics, Abstract Algebra, Linear Algebra, Number theory, Numerical analysis, Financial Mathematics, Discrete Mathematics, real Analysis, Finite Element Methods and Complex analysis.
    - Under the new CBCS, department will offer the foundation courses in coming session like Financial Mathematics, Operations research and Mathematics for social sciences.

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate**

    Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	0	--------
Associate Professor	2	0	--------
Assistant Professor	4	3	--------
UGC-FRP	--------	--------	--------

| DST-INSPIRE Faculty | -------- | -------- | -------- |

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M. Phil. Students guided for last 4 years
Dr. Sachin K. Srivastava	Ph.D.	Assistant Professor	Differential geometry	2 years 10 months (PG-Teaching)	01(thesis submitted 01 (ongoing)
Dr. Ravinder Singh	Ph.D.	Assistant Professor	Number theory	2 years 08 months (Teaching)	02 (Ongoing)
Dr. Rakesh Kumar	Ph.D.	Assistant Professor	Fluid dynamics	09 years (2 years PG and 07 years Teaching)	01 (Ongoing)

12. List of Senior Visiting Fellows, adjunct faculty, emeritus professors:
- Senior visiting fellows: Nil
- Adjunct Faculty: Nil
- Emeritus professors: Nil

13. Percentage of classes taken by temporary faculty – programme-wise information:
- M.Sc. Mathematics (Specialisation in Industrial Mathematics):   Nil
- Ph.D. Mathematics: Nil

14. Programme-wise Student Teacher Ratio:
- M.Sc. Mathematics (Specialisation in Industrial Mathematics):– 20: 01
- Ph.D.:   02:01

15. Number of academic support staff (technical) and administrative staff:
Sanctioned: Nil
Filled: Nil
Actual: Nil

16. Research thrust areas as recognized by major funding agencies:
- Differential geometry
- Fluid dynamics

- Number theory

17. **Number of faculty with ongoing projects from National funding agencies (Ongoing):** 02

S. No.	Name of the funding agency	Project title	Grant received (INR)
1	U.G.C., New Delhi	NULL HYPERSURFACES AND APPLICATIONS (UGC-BSR Research Start-Up Grant vide letter No. F.30-29/2014 dated 18.07.2014)	6,00000.00 (Rs. Six lakhs)
2	U.G.C., New Delhi	OSCILLATORY CONVECTION IN NANOFLUIDS (UGC-BSR Research Start-Up Grant vide letter No. F.30-64/2014 dated 07.01.2015)	6,00000.00 (Rs. Six Lakhs only))
		Total	12,00000.00 (Rs. Twelve Lakhs only)

- International funding agencies: Nil
- Total grants received: 12,00000.00 (Rs. Twelve Lakhs only)

18. **Inter-institutional collaborative projects and associated grants received**
   - National collaboration: Nil
   - International collaboration: Nil

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

   Nil

20. **Research facility/centre with**
   - State recognition: Nil
   - National recognition: Nil
   - International recognition: Nil

21. **Special research laboratories sponsored by / created by industry or corporate bodies:** Nil

22. **Publications:**

   ∗ Number of papers published in peer reviewed journals (national / international) – 10 Nos.

   - (03) -Dr. Sachin K. Srvastava

- (02) -Dr. Ravinder Singh
- (05) -Dr. Rakesh Kumar

- ∗ Monographs: Nil
- ∗ Chapters in Books: Nil
- ∗ Edited Books: Nil
- ∗ Books with ISBN with details of publishers: Nil
- ∗ Number listed in International Database (For *e.g*. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil
- ∗ Citation Index – range / average: Nil
- ∗ SNIP Nil
- ∗ SJR Nil
- ∗ Impact Factor – range / average Nil
- ∗ h-index Nil

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated: Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions

/ industries in India and abroad: Nil

26. Faculty serving in
- National committees: Nil
- International committees:01(Dr. Sachin K. Srivastava, member AMS)
- Editorial Boards: Nil
- any other (please specify): Nil

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs)
Orientation / Refresher Programmes:- (04)

Dr. Sachin K. Srivastava (02)

1. 100th Orientation Programme, May 23rd - June 19th , 2015 at UGC-HRDC, DDU Gorakhpur University, Gorakhpur, Sponsored by UGC, New Delhi
2. Instructional School for Lecturers on "Differential Geometry", Dec. 08-20, 2014 at Department of Mathematics, Banasthali Vidyapith, Banasthali (Rajasthan), Sponsored by National Centre for Mathematics (A Joint Centre of TIFR & IIT Bombay)

Dr. Ravinder Singh (01)

1. Instructional School for Lecturers on "Algebraic number theory", July 07-26, 2014 at Department of Mathematics, CMI, Sponsored by National Centre for Mathematics (A Joint Centre of TIFR & IIT Bombay)

Dr. Rakesh Kumar (01)

1. Refresher course in Mathematics, March 18th - April 7th , 2015 at UGC-ASC, Panjab University, Chandigarh Sponsored by UGC, New Delhi.

Paper presented in Conferences/Seminars/ Symposia: (04)
Dr. Sachin K. Srivastava (02)

1. "On legendre curves in 3-Dimensional Trans-Sasakian manifolds", Recent trends in Mathematics &Statistics (CORTMAS-2013), July 27-28, 2013 (Sponsored by UGC & CSIR, New Delhi) organized by Department of Mathematics & Statistics, D.D.U. Gorakhpur University.

2. "On warped product Submanifolds of Kenmotsu manifolds", Differential geometry and its applications, Dec. 27-28, 2014 organized by Department of Mathematics, University of Allahabad.

Dr. Rakesh Kumar (02)

1. "Boundary layer flow and heat transfer of MHD fluid due to exponentially shrinking sheet", Multidisciplinary national conference on innovative trends in science, technology and management-II, June 19th 2015 organized by S. S. University, Palampur.

2. "Magenetic field effect on the Couette flow of dusty fluid with volume fraction", Multidisciplinary national conference on innovative trends in science, technology and management-II, June 19th 2015 organized by S. S. University, Palampur.

Invited Lectures and Chairmanships at national or international conference /seminar etc.: (04)
Dr. Sachin K. Srivastava (02)

1. "Career Opportunities in Higher Mathematics", A seminar on Career Opportunities and recent trends in mathematics, 01 Feb. 2014 organized by M&M Educational Services, Hamirpur, H.P.-177005.

2. "Exposition of Group Theory", Workshop on " Exposition of Group Theory

and Fluid Dynamics", Oct. 25-26, 2014 organized by M&M Educational Services, Hamirpur, H.P.-177005.

Dr. Rakesh Kumar (02)

3. "Recent trends in Higher Mathematics", A seminar on Career Opportunities and recent trends in mathematics, 01 Feb. 2014 organized by M&M Educational Services, Hamirpur, H.P.-177005.

4. "Mathematics-an interesting and useful discipline", INSPIRE Internship camp w.e.f. 22nd to 26th Oct., 2013, CSK HP KRISHI VISHVAVIDYALAYA Palampur.

Participated in workshop :- (04)

Dr. Sachin K. Srivastava (02)

1. One day workshop on "DELNET: Resources, services and facilities & Koha: An open Source Integrated Library System", June 15th, 2013 organized by DELNET in collaboration with CUHP.

2. Two days workshop on "Recent trends in modern materials" , August 11th - August 12th , 2015 organized by Departyment of Physics and Astronomical Sciences.

Dr. Ravinder Singh (01)

3. Two days workshop on "Recent trends in modern materials" , August 11th - August 12th , 2015 organized by Departyment of Physics and Astronomical Sciences.

Dr. Rakesh Kumar (01)

4. Two days workshop on "Recent trends in modern materials" , August 11th - August 12th , 2015 organized by Departyment of Physics and Astronomical Sciences.

28. Student projects
- percentage of students who have done in-house projects including inter-departmental projects -   Nil
- percentage of students doing projects in collaboration with other universities /industry / institute – 100% (Course IAM 550: Project and Seminar Based on Practical Training with Industry opted by each student during IIIrd Semester)

29. Awards / recognitions received at the national and international level by

- Faculty :   Nil
- Doctoral/ post doctoral fellows :   Nil
- Students :   Nil

30. **Seminars/Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any**. Total 04 Nos.

   1. Three days workshop on "Two faces of Analysis" from April 21st to April 23rd, 2014 organised by Mathematical Society of CUHP.
   2. One Week workshop on "Analytical Aspects of Dynamics" from November 11th to November 17th , 2014 organised by Mathematical Society of CUHP.
   3. Two days workshop on "Sobolev spaces" from February 27th to February 28th, 2015 organised by Mathematical Society of CUHP.
   4. One day workshop on "Recent Trends in Continuum Mechanics", 18th May, 2015 organised by Mathematical Society of CUHP.

31. **Code of ethics for research followed by the departments :**
    To promote genuine and original research

32. **Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M. Sc. Mathematics (2011-13)	141	06	13	100	100
M. Sc. Mathematics (2012-14)	249	05	23	100	100
M. Sc. Mathematics (2013-15)	327	06	19	100	84
M. Sc. Mathematics (2014-16)	528	12	19	-	-
M. Sc. Mathematics (2015-17)	933	12	18	-	-

33. **Diversity of Students:**

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
M. Sc. Mathematics (2011-13)	Nil			Nil
M. Sc. Mathematics (2012-14)	Nil			Nil
M. Sc. Mathematics (2013-15)	Nil			Nil

M. Sc. Mathematics (2014-16)	Nil			Nil
M. Sc. Mathematics (2015-17)	Nil			Nil

Details of PG Students as on 17.02.2015:

Sl. No.	Name of the Course	Total Number of Students enrolled as on 17.02.2015										Grand Total		Total No. of Minority Students as on 17.02.2015								Grand Total	
		General		OBC		SC		ST		PWD				Hindu		Muslim		Sikh		Christian			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	M.Sc. Mathematics 3rd Semester	5	11	5	3	2	3	0	0	0	1	12	18	12	17	0	0	0	1	0	0	12	18
2	M.Sc. Mathematics 1st Semester	5	8	3	6	2	3	2	0	0	1	12	18	12	18	0	0	0	0	0	0	12	18
3	Ph.D. Mathematics	2	1	0	0	0	0	0	0	0	0	2	1	2	1	0	0	0	0	0	0	2	1

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Name of the student	Category	Exam Qualified
Akshay Patiyal	GEN	NET
Ankit Chauhan	GEN	GATE
Inder Prakash Negi	ST	HPSET, CTET, HPTET
Dimple Thakur	GEN	CTET, TGT
Vivek Kumar	ST	HPTET
Renu Bala	GEN	BANKING

Mukesh Kumar	GEN	ARMY TEACHER
Anju Sharma	GEN	HPTET
Shilpa Sood	GEN	CTET

35. Student progression

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	03
Ph.D. to Post-Doctoral	Nil
Employed: Campus selection	Nil
Other than campus recruitment	
Entrepreneurs	Nil

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	Nil
from other universities within the State	01
from universities from other States from	02
universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period - Nil

38. Present details of departmental infrastructural facilities with regard to

- Library :- Nil
- Internet facilities for staff and students: common
- Total number of class rooms:- 01
- Class rooms with ICT facility :- 01
- Student's laboratories : - Nil
- Research laboratories :- Nil

39. List of doctoral, post-doctoral students and Research Associates

- from the host institution/university :- Nil
- from other institutions/universities :- Nil

40. Number of post graduate students getting financial assistance from the

university :- 03(RD)+20%(PG)

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:**

42. **Does the department obtain feedback from**

i. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? –
A meeting is conducted at the departmental level and exercise is carried out for the betterment of teaching – learning process.

ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? –
The feedback is circulated to the teachers to evaluate themselves to improve on their teaching skills.

iii. Alumni and employers on the programmes offered and how does the department utilize the feedback? –
The eminent experts from various educational and research institutes are invited from time to time to improve the pedagogy of the department.

43. **List the distinguished alumni of the department (maximum 10)**

Sr.	Name of the Alumni	Designation	Name of the Organisation
1	Akshay Patiyal,	Asst. Prof.	APJ Univ., Shimla
2	Nisha Thakur	Asst. Prof.	ICFAI Univ. of HP
3	Dharam Pal	Lect.	Delhi Public School Manali
4	Inder Negi	Asst. Prof.	HP Govt. Degree College
5	Neha Sharma	Asst. Prof.	HP Govt. Degree College
6	Vivek Kumar	TGT	HP Govt. School
7	Dimple Thakur	TGT	KVS Delhi
8	Swati Verma	Asst. Prof.	HP Govt. Engg. College
9	Ankit Chauhan	Lect.	AK Vidyamandir Chandigarh
10	Sahil Kapoor	Asst. Prof.	BTC DAV College Banikhet

44. **Give details of student enrichment programmes (special lectures/ workshops / seminar) involving external experts.**
Workshops/Special lectures organised by Mathematical Society of CUHP:-

1. Three days workshop on "Two faces of Analysis" from April 21st to April 23rd , 2014.
2. One Week workshop on "Analytical Aspects of Dynamics" from November 11th to November 17th, 2014.

3. Two days workshop on "Sobolev spaces" from February 27th to February 28th, 2015.
4. One day workshop on "Recent Trends in Continuum Mechanics", 18th May, 2015.
5. Invited Lectures on "Interdesciplinary approaches in Mathematics", 29th Sep. 2014 by:Prof. Bal Kisan Das Delhi University.
6. Invited Lectures on "Continuum Mechanics" by Prof. M. G. Gorla, H.P. University, Shimla.

45.   List the teaching methods adopted by the faculty for different programmes.

a) Students visited ARIES, WADIA and IRS during their educational tour programme, 8th to 11th May , 2013.
b) Students in third Semester are sent for Industrial training of 28 days in various institutes and corporate houses to enhance their practical skills in industry.
c) students are motivated to participate in extracurricular activities.

46.   How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

a) Internal Assessment
b) Class test, group presentations and discussions.
c) Tutorial and use of e-learning (Moodle)

47.   Highlight the participation of students and faculty in extension activities.

- The faculty and students of mathematical society are made a part to
  a) cleanliness drive in the nearby area.
  b) collect funds for the flood affected areas of Jammu & Kashmir.
  c) "Swach Bharat Abhiyan".
- They regularly keep on doing some activities for the society.

48.   Give details of "beyond syllabus scholarly activities" of the department.-

The department has numerous programmes for all round development of the students. Such important activities include:

- Workshops to motivate the students towards mathematical research
- Educational tour
- Extracurricular activities such as event INSPIRE
  (The Mathematical Society of Department of Mathematics organized an event "INSPIRE" from 24 to 25 April, 2014 to include Co-Curricular activities such as Mathematical Quiz, Poster presentation based on Mathematical Modelling, Geometric Modelling, Pi-digit contest and Mathematics talks. This event was organized to encourage the students to participate in these programmes so as to develop an awareness of what is ongoing in Mathematics and how can Mathematics be a fun?)
- Promotes the students to take part in Annual cultural event of the University

- To enhance interdisciplinary approach, the department promotes the students to take part in the competition organized by other Department.

49.   **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details**. - No

50.   **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**
   - The department is promoting genuine and original research relating to different contemporary mathematical aspects in this manner nurturing the creation of knowledge.
   - The TWO members out of THREE faculties are doing projects sponsored by UGC under UGC-FRPS.

51.   **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Strengths	Weaknesses	Opportunities	Challenges
Multi Disciplinary Faculty	Lack of infrastructure and sitting spaces for faculty members	Prepares the students to get into the industry (I.T., Aero-Dynamics, CFD (FLUENT, Matlab))	Lack of space for the departmental computational lab
Faculty members have research expertise in key areas of pure and applied mathematics	Shortage of faculty members	Research and Teaching	Lack of sufficient space for the RD-Students
Faculty members have rich research experience in their area of expertise	Common entrance exam- Not based on the Subject	Banking and Acturial	Lack of comutational facilities to RD-Students
Department regularly offers advaced courses on various key topics in Mathematics	Lack of funding from the university, for attending international and national workshops, conferences etc.	Bridging the gap between academia and industry.	More rural background of the students with lack in written English and spoken English skills.
Regularly invites eminent mathematicians in different fields of mathematics to give series of lectures on topics ranging from elementry to	Lack of seed money for promoting minor research projects and departmental library	Provides Research exposure through dissertation	No interest of the students to go out of the town for the job after the degree.

advanced			

52. Future plans of the department-

1. To establish the department as a one of the leading research centre in the field of algebra, geometry and fluid dynamics.
2. To establish the department as a one of the leading for center for training of young mathematician at master level

Structure of courses offered in the Department of Mathematics (M. Sc. students) as per new Choice Based Credit System (CBCS)

CORE COMPULSORY COURSES
(40 Credits)

Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Remarks
1	MTH 403	Linear Algebra	4	
2	MTH 404	Abstract Algebra	4	
3	MTH406	Real Analysis	4	
4	IAM 401	Complex Analysis	4	
5	IAM 402	Ordinary and Partial differential Equations	4	
6	IAM 403	Numerical Analysis	4	
7	IAM 405	Fluid Dynamics	4	
8	IAM 407	Differential Geometry	4	
9	MTH 501	Topology	4	MTH 406
10	IAM 501	Functional Analysis	4	

CORE OPEN COURSES
(12 CREDITS)

Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Remarks
1	IAM 404	Mathematical Methods	4	
2	IAM 406	Theory of Elasticity	4	
3	MTH 502	Operational Research	4	
4	MTH 503	Discrete Mathematics	4	
5	MTH 510	Number Theory	4	
6	MTH 504	Mechanics	4	
7	IAM 503	Mathematical Analysis	4	
8	MTH 408	Partial Differential Equations and Integral Equations	4	
9	IAM 521	Advanced Fluid Dynamics	4	
10	IAM 550	Project and Seminar based on Practical Training with Industry	4	
11	IAM 502	Applied Numerical Analysis	4	

12	MTH 409 A	Complex Analysis	4	

ELECTIVE SPECIALIZATION
(16 CREDITS)

GROUP-I (Choose 12 Credits)				
Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Remarks
1	MTH 590	M. Sc. Dissertation	12	
2	IAM 590	M. Sc. Dissertation	12	

GROUP-II (Choose 4 Credits)				
Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Remarks
1	MTH 507	Approximation Theory	4	
2	MTH 508	Graph Theory	4	
3	MTH 511	Numerical Mathematical Analysis	4	
4	MTH 405	Lebesgue Measure and Integration	4	
5	IAM 505	Mathematical Modelling and Simulations	4	
6	IAM 506	Finite Element Methods	4	
7	IAM 516	Spectral Methods	4	
8	IAM 517	Mesh Free Methods	4	
9	IAM 519	Data Structure Techniques	4	

ELECTIVE OPEN
(4 CREDITS)

Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Remarks
1	MTH 401	Ordinary Differential Equations	4	
2	MTH 402	Partial Differential Equations	4	
3	MTH 407	Numerical Methods	4	
4	MTH 410	Fundamentals of Statistics		
5	MTH 505	Fuzzy Sets and Fuzzy Systems	4	
6	IAM 507	Wavelet Theory	4	
7	IAM 510	Artificial Intelligence	4	
8	IAM 512	Queues and Reliability	4	
9	IAM 513	Computer Graphics	4	
10	IAM 515	Bio Mathematics	4	
11	IAM 518	Optimization Techniques	4	

| 12 | MTH 609 | Advanced Algebra | 4 | |
| 13 | MTH 611 | Advanced Topics in Topology and Analysis | 4 | |

SKILL DEVELOPMENT
(4 CREDITS)

Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Remarks
1	IAM 504	Computer Applications	4	
2	MTH 506	Software Lab	4	
3	IAM 524	Mathematical Packages	4	
4	MTH 550	M. Sc. Project	4	
5	IAM 508	Image Processing	4	
6	IAM 509	Robotics and Control	4	
7	IAM 511	Computer Aided Design	4	
8	IAM 514	Data Base Management	4	
9	IAM 523	Special Functions	4	
10	MTH 606	Principle of Mathematics and Techniques	4	

HUMAN DEVELOPMENT
(4 CREDITS)

Sr. No.	Course Code	Course Name	Credits	Pre-requisite/ Remarks
1	MTH 549	Community Lab	4	
2	IAM 520	Theory of Vibrations	4	
3	IAM 598	Project	4	
4	MTH 509	Financial Mathematics	4	

Department of

Mass Communication

& Electronic Media

1. **Name of the Department-** Mass Communication & Electronic Media

2. **Year of establishment   -**   2011

3. **Is the Department part of a School/Faculty of the university?**

    - Yes, School of Journalism, Mass Communication and New Media

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**

    - M.A. in New Media Communication
    - PhD- Mass Communication & Electronic Media

5. Interdisciplinary programmes and departments involved

    - Journalism & Creative Writing

Department of Mass Communication & Electronic Media	
∗ Core Courses 40 credits	
Course Code	Course Name
MCE 401	Mass Communication Theories and Processes
MCE 402 A	Origin and Growth of Electronic and New Media
MCE 403	Reporting and Editing
MCE 407	Communication Research
MCE 408	Writing for New Media
MCE 412	Economics of New Media Communication
MCE 425	Audio and Video Fundamentals
MCE 501	Introduction to Radio and Television Production
MCE 502	Video Editing/Online Editing
MCE 511	Media Production Techniques
MCE 518	Media Internship
∗ Core open (Choose 12 credits)	
Course Code	Course Name
MCE 410	Social Networking
MCE 417	Digital Technology Divide and Social Inclusion
MCE 432	Contemporary Editing Trends in Cinema
MCE 507	Mobile Communication
MCE 512	Multimedia Production
MCE 517	Production Management

MCE 521	Participatory Communication Approaches for Development	
MCE 423	Media Appreciation	
MCE 519	Media Anthropology	
MCE 520	Health Communication	

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Elective Specialization
(choose 16 credits from any one group)
Note: a specialization shall only be offered if minimum 10 students have opted for it.

Specialization I: television and visual studies
</div>

Course Code	Course Name	
MCE 514	Television production	
MCE 525	Media product (television news production)	
MCE 515	Film production	
MCE 527	Media products iii (documentary/short film production)	

<div align="center">

Specialization II: web and mobile production
</div>

Course Code	Course Name	
MCE 516	Internet and mobile production	
MCE 430	Mobile advertising	
MCE 424	Ethics and laws on digital frontier	
MCE 528	Media products iv (web content production)	
MCE 529	Media products v (mobile content production)	

<div align="center">

Courses of Elective Open
(Choose 4 credits)
</div>

Course Code	Course Name
MCE 419	Social and Cultural Context of Communication
MCE 505	New Media Tools for Social Change
MCE 522	Political Communication
MCE 415	ICT and Health

* Integrated M. Phil- Ph.DProgrammePh.D.
* Choice based credit system as per UGC Guidelines in all programmes offered by the university (notified courses, courses title, credits and total marks of core courses, foundation courses and elective courses)

Courses of Foundation human making (Choose 4 credits)	
Course Code	Course Name
MCE 413	New Media and Social Change
MCE 416	e-Education and Learning
MCE 431	Social Media and Citizen Engagement
MCE 414	ICT in Governance

Courses of Foundation skill development (Choose 4 credits)	
Course Code	Course Name
MCE 406 A	Web Technologies and Applications
MCE 421	Community Media
MCE 437	Basics of Videography
MCE 438	News Anchoring and Voice Over

6. Courses in collaboration with other universities, industries, foreign institutions, etc.
NA

**7. Details of programmes discontinued, if any, with reasons ---- ** None

8. Examination System:

- Annual/Semester/Trimester/Choice Based Credit System—Semester based on CBCS

9. Participation of the department in the courses offered by other departments

- Journalism & Creative Writing
- School of Humanities and Languages
- School of Teacher Education
- School of Business and Management Studies

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Posts	Sanctioned	Filled	Actual (including CAS * MPS)
Professor	1	Nil	NA
Associate Professor	2	1	NA
Asst. Professor	4	2	NA
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization,

Experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ MPhil. Students guided for the last 4 years
Dr. Pradeep Nair	PhD	Associate Professor	Communication Theory, Communication Research, Development Communication	Thirteen Years	01 (awarded) 05 (under-supervision)
Mr. Kuldeep Singh	MJMC (NET) M.A. English	Assistant Professor	-Television Production -Multi Media Production - Reporting and editing	Three	None
Dr. Ram Pravesh Rai	Ph.D., NET, M.A. Hindi	Assistant Professor	Film Production e-Learning Social Media	Eight	02 (under-supervision)

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors -None

13. Percentage of classes taken by temporary faculty – programme-wise information -- Nil

14. Programme-wise Student Teacher Ratio --   7:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled	Actual (including CAS & MPS
Clerk	1	Nil	NA
Peon	1	Nil	NA

16. Research thrust areas as recognized by major funding agencies ---- None

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

- "Laghu Samachar Patron ke Samajik Prabhav ka Adhyayan: Varanasi Jile ke Vishesh Sandarbh Me" funded by ICSSR

18. Inter-institutional collaborative projects and associated grants received
   a) National collaboration b) International collaboration **-** None

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. – None

20. Research facility / centre with

- **State recognition -** None

- **National recognition -** None

- **International recognition--** None

21. Special research laboratories sponsored by / created by industry or corporate Bodies-None

22. Publications:

- **Number of papers published in peer reviewed journals (national /International)**
    - 22 (Peer reviewed/Refereed)
    - 33 (Academic Journal with ISSN No)
- **Monographs-** NA
- **Chapters in Books-** 22
- **Edited Books**
- **Books with ISBN with details of publishers**
- **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)**
- **Citation Index – range / average**
- **SNIP**
- **SJR**
- **Impact Factor – range / average**
- **h-index**

23. Details of patents and income generated - None

24. Areas of consultancy and income generated- None

25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad – None

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify) –

- Dr. Pradeep Nair, Member, Editorial Advisory Board – Asia Pacific Media Educator (APME) an International peer-reviewed journal published by SAGE and University of Wollongong, Australia.
- Dr. Pradeep Nair, Member, Editorial Board, Research in Health Science (International peer-reviewed journal)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, Workshops, training programs and similar programs).

(1) Dr. Pradeep Nair

International Conferences/Seminars/Consultations as Resource Person

S.No	Title of the Paper	Name of the Conference/ Seminar	Nature of the Event	Organizing Agency/ Institution	Place, Month & Year of Participation
1	e-Learning: Making of the radical educand in liberal virtual universities	Project E-Qual: Breaking Boundaries: Interdisciplinarity, E-Learning, and University without Walls	International	Project E-Qual: Jadavpur Univesity, British Council, KINGS College London, Shiv Nadar University	Jadavpur University January 2016
2	Envisioning Community Radio in India	Revisiting Campus Community Radio in India	International	UNESCO Chair on Community Media	University of Hyderabad 22-23 February 2013
3	A Conceptual and Policy Framework for the Development of an ICT based E-Health System in India	7th International Conference on E-governance [ICEG 2010]	International	International Congress of E-Government and Indian Institute of Management Bangalore	IIM Bangalore, April 2010
4	E-Governance: A Step Towards Digital Democracy	5th International Conference on E-governance [ICEG 2007]	International	International Congress of E-Government and Computer Society of India-Special Interest Group	Hyderabad Central University Hyderabad December 2007

National Conferences/Seminars/Consultations as Resource Person

S.No	Title of the Paper	Name of the Conference/ Seminar	Nature of the Event	Organizing Agency/ Institution	Place, Month & Year of Participation
1.	Critical Appraisal Skills for Media Reporting on Routine Immunization	Media Reporting on Routine Immunization	National Consultation	UNICEF, Oxford University and George Institute for Global Health	UNICEF India Office, Lodi Road, New Delhi May 22, 2014
2.	Women and Media	Women and Media	National Consultation	High Level Power Committee on the Status of Women constituted by Government of India under Union Ministry of Women and Child Development	Vigyan Bhawan, New Delhi February 4-5, 2014
3.	Improving Peoples Participation in Community Development: A Concept Review	Role of Media and Development Programmes in the Era of Globalization	National	Department of Journalism and Mass Communication, Chaudhary Charan Singh University, Meerut	Meerut March 2011
4.	Current Status of Media Education and Research in India	Challenges & Opportunities of Media Education in India	National	IGNOU & UNESCO	New Delhi November 2009
5.	Practicing Communication Technology for Development at Grass-root Level	Information Technology for Rural Development	National	Department of Journalism & Mass Communication Lucknow University	Lucknow February 2005
6.	Media and Political Development	Role of Media in National Development	National	Department of Journalism and Mass Communication, Mahatama Gandhi Kashi Vidya Pith, Varanasi	Varanasi 2003
7.	The Literary Contribution of Eastern and Modern Indian Languages in the Social Upliftment of India	Contribution of Roop Kunwar Jyoti Prasad in the Development of Assamese Cinema	National	Mahatama Gandhi International Hindi University and Bhasa Sangam	Lucknow 2003

(2) Mr. Kuldeep Singh

Orientation Programme

- Attended Orientation Programme (OP-119) organised by the Human Resource Development Centre, Himachal Pradesh University from 22-06-2015 to 18-07-2015.

Workshop

- National Workshop on Capacity Building Programme for Faculty organised by CUHP on 9th Dec-22 Dec 2013.
- Attended one day workshop on 'Development Reporting: The Changing Paradigm' organised by Media Society CUHP on 18th Nov 2015.
- Training and Orientation in Media Accessibility organised by AYJNIHH- Mumbai in collaboration with the School of Journalism Mass Communication and New Media CUHP on 26th -27 March 2014.
- 2-day workshop on Communication and Case Analysis organised by CUHP on 13th - 14th May 2013.
- हिन्दी साहित्य एवं सिनेमा के अत: संबंध पर परिसंवाद (CUHP) 17 April 2013.

Seminar

- Presented paper in 6th International Seminar of Human Resource organised by Institute of Social Development and Research (Jharkhand) on 1st Nov to 3rd Nov 2014.

Student Tour

- Incharge of student tour to Chitkul in Kinnaur (25th April to 29th April 2014).

(3) Dr. Ram Pravesh Rai

Training/ Refresher/Orientation

SN.	Type of programme/Details	Level	Organized by	Year
1.	Orientation Programme (OP114)	4 weeks	Academic Staff College, University of Lucknow, Lucknow, U.P.	January 01 to 30, 2014
2.	Refresher Course at	3 weeks	Academic Staff College, University of Rajasthan, Jaipur, from	June 16 to July 05, 2014
3.	Train The Trainer	2 weeks International	IGNOU and DW Akademie, Deutsche Wele, Germany	26 Oct- 6 Nov, 2009

Paper presented in Conference/Seminar

SN.	Title of the paper	International/ National	Theme and Organised by	Date
1.	Virtual learning: An Agent of Paradigm Shift from Gurukul to Chatrakul	International	Diversity and Plurality in Media Reflections of Society, Makhanlal Chaturvedi National University of Journalism and Communication, Bhopal	27-28 Dec, 2011
2.	Effect of Governance Practices on Success of Open & Distance Learning	International	The Sixth Pan-Commonwealth Forum on Open Learning (Access and Success in Learning), Le Meridien, Kochi Organised by: Commonwealth of Learning and IGNOU	24-28 Nov, 2010
3.	Economic Development and Media	International	Structure of Poverty and Public Policy with Special Reference to SAARC and other Capital-Poor Countries Organised by: Faculty of Social Sciences, M.G. Kashi Vidyapith, Varanasi	17-18 Feb, 2007
4.	Application of Facebook in Policy Decision Making: A Case Study of Logo Selection Process of Uttarakhand Open University	National	Social Media, Information Technology and IPR organised by Media Law Centre, Dr. Ram Manohar Lohiya National Law University, Lucknow	27-28 February, 2015
5.	Vigyapan Me Hindi Ke Kuch Rang	National	Doorasth Shiksha evam Hindi ke Vividh Ayam U.P. Rajarshi Tandon Open University, Allahabad	4-5 June, 2010
6.	Role of Knowledge Management in Contemporary Management Style	National	Contemporary Society and Mass Media Organised By: Dept. of Journalism and Mass Communication, M.G. Kashi Vidyapith, Varanasi	1-3 Feb, 2008
7.	Vartaman Paripreksh me Gandhi ki Patrakarita ka Mahatva	National	Gandhi Chintan: Ek Punravlokan Organised By: M.G. Kashi Vidyapith, Varanasi	7-9 April, 2007

28. Student projects

- Percentage of students who have done in-house projects including interdepartmental projects 100%

• Percentage of students doing projects in collaboration with other universities / industry / institute

29. Awards / recognitions received at the national and international level by

• **Faculty-----** None
• **Doctoral / post-doctoral fellows ----** None
• **Students**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
Seminar/Workshops

Name of Professor	Institute	Seminar/Workshop days
Mr. Shashi Shekhar, Editor-in-Chief	Hindustan Media Ventures Ltd	01 Day
Prof. J. Jethwaney	IIMC, New Delhi	2 days
Prof. Geeta Bemazai	IIMC, New Delhi	1 day
ICSSR		10 Days
Prof . K.M. Shrivastva	IIMC, New Delhi	3 days
Prof. J. Jethwaney	IIMC, New Delhi	2days
Mr. Sohil Akbar	JMI , New Delhi	4 days
Mr. Ramesh Sharma	New Delhi Times	2 Days
Ms. Retu sarin	F. Director D/shala	1 Day
Prof. J. Jethwaney	IIMC, New Delhi	2 Days

31. Code of ethics for research followed by the departments
As per University Guidelines

32. Student profile programme-wise: MA (NMC) PhD (NMC)

Name of the Programme (refer to question no. 4)	Application received	Selected		Pass percentage	
		Male	Female	Male	Female
2011-13	146			100%	100%
2012-14	145	10	5	100 %	100%
2013-15	173	6	9	75 %	100%
2014-16	231	3	3	100%	100%
2015-17	176	14	4	100%	100%
Ph.D 2013-16 (Course Work)		1	2	100%	100%
2014-17 (Course Work)		1	1	100%	100%

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MA (NMC)	Nil	80%	20%	Nil
Ph.D. (NMC)	Nil	60%	40%	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.----- Nil

35. Student progression

Student Progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	15
Entrepreneurs	One

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	Nil
from other universities within the State	25%
from universities from other State	75%
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period   ----- None

38. Present details of departmental infrastructural facilities with regard to

a) Library ---- Centralized

b) Internet facilities for staff and students—Yes

c) Total Number of Class Rooms - 01

d) Class rooms with ICT facility—Yes

e) Students' laboratories - Yes

f) Research laboratories - Yes

39. List of doctoral, post-doctoral students and Research Associates

a) From the host institution/university -- Nil

b) From other institutions/universities – Nil

40. Number of post graduate students getting financial assistance from the university.

Freeship, Department of Mass Communication & Electronic Media

Financial Year	Department	No. of Students
2012-13	MCE	4
2013-14	MCE	5
2014-15	MCE	4
Total Students		13

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- Yes, Content analysis and critical review of industry reports like PEW, Internet trends etc. and courses offered by India as well as foreign Universities.

42. Does the department obtain feedback form- Yes (Centralized university feedback system)

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Review and seek opportunity to apply

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Review and seek opportunity to apply

c. Alumni and employers on the programmes offered and how does the department utilize the feedback? Review and seek opportunity to apply

43. List the distinguished alumni of the department (maximum 10) ---- None

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Special Lecture

Name of Professor	Institute	Special Lectures
Prof. Subhash C. Dhuliya	IGNOU, New Delhi	1
Prof. Vir Bala Agrawal	HPU, Shimla	1
Prof. Vir Bala Agrawal	HPU, Shimla	2

Prof. Obaid Sidddiqui	JMI, New Delhi	1
Prof. Geeta Bamezai	IIMC, New Delhi	1
Prof. Iftekhar Ahmad	FTII, Pune	1
Prof. K.P. Jayashankar	TISS, Mumbai	4 days workshop
Prof. Arbind Sinha	MICA, Ahmedabad	2
Prof. M. Kasim	AJK-MCRC, Jamia Millia Islamia, New Delhi	2

45. List the teaching methods adopted by the faculty for different programmes.

- Class Lecture
- Case-Studies
- Group Discussions
- Audio-Video support
- Group activity
- Field Assignment
- Study Tour
- Industry Visit

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- By continuous analysis and review based on student feedback and experts suggestions.

47. Highlight the participation of students and faculty in extension activities. Manual for Self-study Universities-NA

48. Give details of "beyond syllabus scholarly activities" of the department.

- Documentaries produced by students- 03
- Short film produced by the students- 02
- Short film under process- 01

TELEVISION NEWS PRODUCTION

Mentor: Kuldeep Singh Asst. Prof. Dept. of Mass Com and Electronic Media

- Aim of Television Production (514) and Multimedia Production (512) and Reporting and Editing (403) is to produce professional required in television news channels and web media. Focus is given on reporting, script writing, editing and production work. Besides this students are taught practically to produce news bulletins. Knowledge of video editing as well as video camera is imparted with the proficiency of industry

need. To give wider exposure and recognition to the students, their work is webcasted on You Tube. Production work done by the students is listed as below:

TOP TEN NEWS BULLETIN

1) Webcasted on May 13, 2015

This episode of Top Ten News is produced and anchor by Mohd. Sharique, Ajay Rohilla and Gaurav Mandyal. Promo is designed by Vasundhra Mankotia. (13th May 2015).

https://www.youtube.com/watch?v=67T8RotJQ3Y

2) Webcasted on dated 22 May 2015

This news bulletin is produced and anchor by Vasundhra Mankotia, student of New Media Communication IVth Sem. Graphics are designed by Mohd. Sharique.
https://www.youtube.com/watch?v=Sps3aqXywcw

3) Webcasted on 16 June 2015

This episode of Top Ten News is produced and anchor by Mohd. Sharique, student of IVth Sem.

Promo is designed by Vasundhra Mankotia. (16 June 2015).

https://www.youtube.com/watch?v=udTec7odwuY

4) Webcasted on Oct 1, 2014

This news bulletin is produced by IIIrd Semester students. Production and editing work is done by Gaurav Mandyal, Mohd. Sharique and Ajay Rohilla.

https://www.youtube.com/watch?v=UMu3IxlJiG0

NEWS BULLETIN IN HINDI

1) Webcasted on Jun 4, 2014

This news bulletin is produced by the students of Mass Com. and New Media (Central University of Himachal Pradesh) for their lab news channel, "Central News". Scripting, video editing and graphics work is done by Anubhav Pandey, student of IVth Sem.

https://www.youtube.com/watch?v=wOn_8eQWN0c

NEWS BULLETIN IN ENGLISH

1) Webcasted on Apr 30, 2014

This bulletin was produce by the students of New Media, Central University of Himachal Pradesh during their lab practice.

https://www.youtube.com/watch?v=GydwcXRJW48

SPECIAL NEWS BULLETIN: PAKKE IRADE

1) Webcasted on Apr 20, 2015

2nd episode of Pakke Irade was anchored by Shradha Sharma, student of IInd Sem and produced by Ajay Rohilla, Mohd Sharique and Gaurav Mandyal, student's IVth Sem . https://www.youtube.com/watch?v=BUvMMK-o0xc

2) Webcasted on Feb 25, 2015

Central News has come up with its first episode of the special news bulletin called PAKKE IRADE (25 FEB 2015). Bulletin was anchored by Gaurav Mandyal, student of IVth sem.

https://www.youtube.com/watch?v=JlnFltEB2Go

DOCUMENTARY

1) Solid Waste Management in CUHP: webcasted on May 27, 2014

Solid waste management is an issue of concern in CUHP. Different aspects of it, was investigated by Akarsh Sharma, student of IVth semester.

https://www.youtube.com/watch?v=g1aFMZ3ME8Q

LIVE VOXPOP

1) Webcasted on Nov 27, 2014

Central University of Himachal Pradesh (CUHP) trying to create niche in higher education, a report by Richa Rana, Correspondent, Central News. Richa, a student of MA English opted course of Reporting and Writing (403) as university wide subject.

https://www.youtube.com/watch?v=doWOx0YJYPo

TEASER: FUN@CENTRAL NEWS

1) Webcasted on 2nd March 2015

Central News is going to add another bulletin in the pandora box of it's programmes. Very soon, we are going to entertain our viewers, through our special programme FUN@CENTRAL NEWS. https://www.youtube.com/watch?v=VbTxLkLTP4Q

STING/BANG

1) Change Sting webcasted on Jun 17, 2014

This sting/bang is produced by Anubhav Pandey, Department of Mass Communication and New Media, Central University of Himachal Pradesh for lab news channel, "Central News."

https://www.youtube.com/watch?v=TksacQgqt4U

BULLETIN PROMO

1) Top Ten News: https://www.youtube.com/watch?v=BUvMMK-o0xc

2) English and Hindi News Bulletin: https://www.youtube.com/watch?v=wOn_8eQWN0c

3) Special News Bulletin, PAKKE IRADE: https://www.youtube.com/watch?v=BUvMMK-o0xc

4) Cow Promo https://www.youtube.com/watch?v=udTec7odwuY

HEADLINE JACKET

1) Hindi News Bulletin: https://www.youtube.com/watch?v=wOn_8eQWN0c

2) English News Bulletin: https://www.youtube.com/watch?v=GydwcXRJW48

SCROLL/ TICKER

https://www.youtube.com/watch?v=wOn_8eQWN0c

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.   None

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- The department imparts training in diverse research areas that span an array of fields: reporting and editing, media laws, public relations and advertising, development communication, film appreciation, media and governance, television and radio

production, media production techniques, mobile communication and social media; and offers a curriculum that provides the students a broader understanding of conceptual and applied skills necessary to engage with past and current complex communications phenomena and technologies

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOT) of the department.

Strength:

- A comprehensive and critical media training of diverse communication environment.
- An interdisciplinary and dynamic milieu of courses focusing on the actual need of media industry in the country.
- Academic and industry trained faculty members to enrich the discourse
- Choice based credit system.
- Balanced theoretical and practical training.

Weakness:

- Infrastructure is inadequate to cater the larger demand of the students
- Paucity of physical space to set-up a state-of-art studio
- Location disadvantage as the operating place has no media landscape
- Shortage of resource persons from industry and field
- Less industry interaction due to geographic and topological difficulties

Opportunity:

- The programmes offered by the department critically interpret the conventional and the new media both as technologies and as sources of information and media content so that the dynamics of media education in this country should be practiced at par with the global media schools.

Threat:

- In this age of digital convergence the media education is shifting from conventional forms to high definition formats. It is challenging for any media institution working under a university to practice and praxis media content while keeping the multifarious media industries in mind both at domestic and international level with a prescribed syllabi and pedagogy.

52. Future plans of the department.

- The department intends to emphasize on the analytical study of communication and technology based social and cultural media practices with innovative ideas and values.

Department of
Physics &
Astronomical Science

1. **Name of the Department:** Physics and Astronomical Science

2. **Year of establishment:** 2011

3. **Is the Department part of a School/Faculty of the university?:** Yes

4. **Names of programmes offered :**
   1. B. Sc. Physics (Hon.)
   2. M. Sc. Physics
   3. Ph. D.

5. **Interdisciplinary programmes and departments involved:**The department is following the Choice Based Credit System. Specifically, following departments are involved: Computational Biology, Environmental Science, Industrial and Applied Mathematics. **(For details please see ANNEXURE-I.)**

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** The department is exploring possibilities to jointly offer some academic programmes with other institutes. The department has signed MoU with Terminal Ballistic Research Laboratory (TBRL), Chandigarh.

7. **Details of programmes discontinued, if any, with reasons:** None

8. **Examination System:** Semester, CBCS

9. **Participation of the department in the courses offered by other departments:** Yes
   1) The department has offered University Wide Course such as Classical Mechanics, Molecular simulations, Special Functions, Physics for Everyone, Computer Application etc.
   2) Under the new CBCS, department is offering foundation courses like "Scientific writing" as Skill development course and "Philosophy of Science" as Human Making course for the students of other departments.

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate/Professors/Asst. Professors/others):**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	-	-
Associate Professor	2	2	2
Assistant Professor	4	4	4
UGC-FRP		2	
DST-INSPIRE Faculty		1	

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M. Phil. Students guided for last 4 years
Dr. OSKS Sastri	Ph.D.	Associate Professor	Nuclear Structure, Physics Education and Computational Physics	Research: 12 years Teaching: 20 years	4(Ongoing)
Dr. B. C. Chauhan	Ph.D.	Associate Professor	Neutrino Physics	Research: 18 Teaching: 13	M. Phil: 3Ph.D.: 3(Ongoing)
Dr. Ayan Chatterjee	Ph.D.	Assistant Professor	Gravitational Physics	Research: 5 Teaching: 2.9	1(Ongoing)
Dr. Surender Verma	Ph.D.	Assistant Professor	High Energy Particle Physics	Research: 5 Teaching: 5	1(Ongoing)
Dr. D. S. Verma	Ph.D.	Assistant Professor	Theoretical Nuclear Physics	Research: 6 Teaching: 6	2(Ongoing)
Dr. Jagdish Kumar	Ph.D.	Assistant Professor	Condensed Matter Physics	Research: 3 Teaching: 3	1(Ongoing)
Dr. Padmnabh Rai	Ph.D.	Assistant Professor	Nanoscale Physics	Research: 5 Teaching: 1	1(Ongoing)
Dr. Rajanish Tiwari	Ph.D.	Assistant Professor	Carbon-based Nanomaterials	Research: 5 Teaching: 8 months	None
Dr. S. Pandey	Ph. D.	Assistant Professor	Nanomaterials	Research: 2	None
Dr. Rajesh Kumar Singh	Ph. D.	Assistant Professor	Condensed Matter Physics	Research: 4 years Teaching: 1 month	None

12. List of Senior Visiting Fellows, adjunct faculty, emeritus professors:

Senior visiting fellows	Adjunct Faculty	Emeritus professors
1) Prof. Murlidhar Rao (Retd.)-BARC	1) Dr. Madhurika Mahajan during 2011-12	
2) Prof. M. Mukund Rao (Retd.)-IIT Madras	2) Dr. Surinder Soni during 2011-12	
	3) Dr. Sanjeev Puri during 2011-12	
	4) Prof. T. R. Anant Krishnan	

13. Percentage of classes taken by temporary faculty – programme-wise information:

	2011	2012	2013	2014	2015
B.Sc.	UG programme started in 2015				
M.Sc.	100%	55%	Nil	Nil	10%
Ph.D.	Nil	Nil	Nil	Nil	Nil

14. Programme-wise Student-Teacher Ratio:

	2011	2012	2013	2014	2015
B.Sc.	UG programme started in 2015				7:1
M.Sc.	8:1	9:1	9:1	9:1	6:1
Ph.D.	Nil	0.3:1	0.85:1	1.4:1	1.4:1

15. Number of academic support staff (technical) and administrative staff:

Sanctioned	Filled	Actual
01	0	03 1) Miss Shailza 2) Mr.Umesh

16. Research thrust areas as recognized by major funding agencies:
- Theoretical Nuclear Physics
- Neutrino Physics
- Condensed Matter Physics
- Nanomaterials
- Quantum Gravity
- Physics Education Research.

17. **Number of faculty with ongoing projects from:**

- National funding agencies (Ongoing):

S. No.	Name of the Faculty	Name of the funding agency	Project title	Grant received
1.	Dr. O.S.K.S. Sastri Co-PI	BRNS	1)A Comprehensive Study on Nuclear Radiation Level in Lesser Himalayan Zone on the Southern slopes of the Dhauladhar Range	Rs. 30.00 Lakhs (grant has been deposited in the department of Envirinmental Science)
2.	Dr. Ayan Chatterjee	UGC-BSR	2)Machanics and Thermodynamics of Black holes in theories of gravity and supergravity.	Rs. 6 Lakhs
3.	Dr. Surender Verma	UGC-BSR	3)Theoretical and Phenomenological aspects Lepton Mass Matrices in light of the neutrino Oscillation Data.	Rs. 6 Lakhs
4.	Dr. Padmnabh Rai	UGC-BSR	4)Graphene optoelectronics.	Rs. 6 Lakhs
5.	Dr. B. C. Chauhan	UGC	5)Phenomenological Studies on the Role of Neutrinos in Astrophysics and Cosmology.	Rs. 11.70 Lakhs
6.	Dr. Rajanish Tiwari	DST	6)Development of Graphene based materials for water desalination and purification.	Rs. 35 Lakhs
			Total=6	**64.7 Lakhs**

- International funding agencies: None
- Total grants received: 64.7 Lakhs

18. **Inter-institutional collaborative projects and associated grants received:**

National collaboration	International collaboration	Inter-departmental
1. An MoU has been signed between Terminal Ballistics Research Laboratory (TBRL), Chandigarh and Central University of Himachal Pradesh, Dharamshala to establish cooperative arrangements towards strengthening indian higher education and research through mutual	1. An MoU has been signed between the university of applied science, Frankfurt, Germany and the central university of himachal pradesh, dharamshala to join hands in the sphere of academic and research programs, exchange of faculty,	Dr. O. S. K. S. Sastri is doing one project in collaboration with Dr. Dr. Deepak Pant, department of Environmental Science, CUHP

understanding, exchange of information and facilities as well as expertise available at CUHP in the school of Physical and Material Science (SPMS) and TBRL. 2. An MoU has been signed with the INFLIBNET to facilitate research scholars of the University to submit their theses into "Shodhganga: A Repository of Indian Electronic Theses and Dissertations", which inter alia, entitled the University to access all resources that UGC may provide either directly to the universities or through INFLIBNET Centre in terms of digitisation of backfiles of theses or access to software tools to deter plagiarism in theses and dissertations. The MoU with INFLIBNET will also facilitate researchers to submit their synopses into "Shodhgangotri. 3. National Physical Laboratory, New Delhi. 4. H. P. University, Shimla. 5. Delhi University.	students and publication. 2. CFTF, IST, Yechnical University Lisbon. 3. ICB, University of Bergundy, France. 4. University of Munich, Germany. 5. POSTECH Korea. 6. ULSAN Korea. 7. Toyota Technological Institute, Japan. 8. National Chiaotung University, Taiwan. 9. ITRI, Hsinchu, Taiwan. 10. University of Pisa, Italy.	
5	**10**	**1**

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.:** None

20. **Research facility/centre:**
    The faculty of the department is engaged in theoretical research for which necessary e-resources has been provided through INFLIBNET. Currently, American Physical Society journals can be accessed through the INFLIBNET.
    - State recognition: Yes
    - National recognition: Yes
    - International recognition: Yes

21. Special research laboratories sponsored by/created by industry or corporate bodies: None

22.   Publications:

Name of Faculty	Research Papers	Monographs/ Books/chapters in Books	Average Citation	Impact factor range	h-index
Dr. O. S. K. S. Sastri	13	None	20	0.5-3.5	3
Dr. B. C. Chauhan	10	None	12	0-6.023	8
Dr. Ayan Chatterjee	12	None	6	0-7.5	6
Dr. Surender Verma	8	None	10	0-5.255	8
Dr. D. S. Verma	9	None	6	0-3.733	4
Dr. Jagdish Kumar	10	None	5	0.909-2.82	5
Dr. Padmnabh Rai	14	None	9	2-12	9
Dr. Rajanish Tiwari	26	None	18	2.19-27.42	11
Dr. S. Pandey	4	None	9	2-7.4	
Total/Average	105	None	11	0-27.42	7

 (For details please see ANNEXURE-2.)

23.   Details of patents and income generated: None

24.   Areas of consultancy and income generated:
1. Dr. Padmnabh Rai has a consultancy project on carbon materials and income generated is Rs. 7 Lakhs.

25.   Faculty selected nationally/internationally to visit other laboratories/ institutions/industries in India and abroad:
1. Dr. O. S. K. S. Sastri visited HBCSE Mumbai, IUAC New Delhi.
2. Dr. B. C. Chauhan is Visiting Associate IUCAA (2010-2016).
3. Dr. D. S. Verma got selected and attended training program at BARC regarding Radiation Safety Aspects in the Research Applications of Ionising Radiations, Mumbai, 01st to 9th Dec, 2014.
4. Dr. Padmnabh Rai has a consultancy project with Trushna Axim, Surat, Gujarat.

26. Faculty serving in:

National committee	International committees	Editorial Boards	any other (please specify)

		1. Dr. Rajanish Tiwari is Guest editor of journal of Nanomaterials
		
		2. Dr. B. C. Chauhan is
		
		    i. Associated with the editorial board of Int. J. Theoretical Physics
		    ii. J. Nucl. Phys, Mat. Sc., Rad. And Appls
		    iii. Int. J. Geology and Geography.
		
		3. Dr. D. S. Verma is:
		
		    i. Member Editorial boards of Journal of Nuclear Physics, Material Sciences, Radiation and Application.	

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs):
UGC has placed 02 UGC-FRP, Assistant Professors in the department of Physics and Astronomical Science. As we report, one of the two Assistant Professors has joined the Department.

Recharging activities for the faculty:

	Orientation Programme/Refresher Courses	Workshops and training programs	Similar Programme
Dr. O. S. K. S. Sastri		1. Attended seven day workshop on "Analytical Aspects of Dynamics" in 2014.	1. Completed 4 week course on "Teaching with Moodl**e"** with a grade of 75.36% in January-February 2015.
Dr. B. C. Chauhan	1. Attended refresherCourse in IT (April 2-21, 2012) from UGC-Academic Staff College,HPU Shimla. 2. Attended refresher	2. Attended workshop on Nuclear Structure & Astrophysics: Looking Forward (11th April, 2014) by Maharaja Agrasen University, Baddi, Solan	

	Course in Physics (Feb. 6- March 2, 2012) from UGC-Academic Staff College, JNU New Delhi.	(HP). 3. Attended three Day Workshop (Nov. 21-23, 2011) on Community Based Disaster Management and Plan at community Hall, Karsog, Mandi (HP); organised by HIPA, Fairlawns, Shimla-12. 4. Attended workshop on Analytical Aspects of Dynamics (11-17 Nov., 2014), Mathematical Society & Department of Mathematics, CUHP. 5. Attended national Workshop on Status of Natural Hazards in HP (6-8th Nov. 2014), at CUHP. 6. Attended workshop on Light from Dark Side of Universe (17-20, March 2015) at Banaras Hindu University, Varanasi (UP). 7. Attended one day Workshop for developing Open Educational Resources Policy (OER) at CUHP on 1st Sept. 2015.	
Dr. Ayan Chatterjee	3. Attended Orientation programme at UGC-ASC, Jadavpur University from 14-07-2014 to11-08-2014. 4. Refresher course in Astronomy and Astrophysics at Inter University Centre for astronomy and Astrophysics, Pune from 04-05-2015 to 05-06-2015.		
Dr. Surender Verma	5. Attended Orientation Programme at UGC-HRDC H. P. University Shimla from 22-05-2015 to 18-06-2015.		

| Dr. Dalip S. Verma | 6. Attended Orientation program (OP-100) at UGC Academic Staff College HP University Shimla, during 04-04-2011 to 30-04-2011.

7. Refresher course (RC-277) at UGC Academic Staff College HP University Shimla, during 07-07-2014 to 26-07-2014. | 8. Participated in National Workshop on "Mathematica: An Integrated Environment for Computer Simulations in Physics and Mathematics at Chitkara university during 28th to 30th July, 2011.
9. Participated in National workshop on Astronomy and Astrophysics at NSCBM govt. P. G. college Hamirpur on 15th October, 2011.
10. Participated and presented paper in DAE Nuclear Physics Symposium at Andhra University, Visakhapatnam, 26-30thDecember, 2011.
11. Participated and presented paper in International Conference on Recent Trends in Nuclear Physics-2012 (ICRTNP-2012).
12. Participated in One week workshop on "Analytical Aspects of Dynamics" during 11-17th November, 2014 at CUHP.
13. Participated in National conference on "Emerging challenges in Physics and Nano-Science" on 4th March, 2015 at DAV PG College, Dasuya, Hoshiarpur, Punjab and delivered a talk.
14. Participated and presented paper in international conference on "Emerging trends in Basics and applied Sciences" during 1-2, May, 2015, at Maharaja Agrasen University Baddi (H.P.). | |

		15. Participated in two days workshop on "Recent trends in Modern materials" during 11th and 12th August, 2015 at CUHP.	
Dr. Jagdish Kumar	8. Attended Orientation Programme at UGC-HRDC H. P. University Shimla from 02-06-2014 to 28-06-2014. 9. Refresher course in Experimental Physics at Panjab University from 16-06-2015 to 01-07-2015.		
Dr. Rajnish Tiwari		16. Attended workshop from 11-11-2014 to 17-11-2014 on "Analytical Aspects of Dynamics" at CUHP. 17. Attended and delivered a talk in two days workshop on "Recent trends in modern materials" from 11-08-2015 to 12-08-2015 at CUHP.	
Total	**9**	**17**	**1**

28.   **Student projects:**
   - **percentage of students who have done in-house projects including inter-departmental projects:** 100% (For List of Projects please see Annexure-II)
   - **percentage of students doing projects in collaboration with other universities/industry/institute:** None

29. **Awards / recognitions received at the national and international level by Faculty:**

Faculty	Award
Dr. Ayan Chatterjee	1. Best paper and presentation award by the Indian Physical Society at the young physicists Colloquium, 2012.
Dr. Rajanish Tiwari	2. Inspire faculty award, 2014. 3. Best poster award, 2012. 4. Young scientist award, "Encouragement of research in thin films", 2011.
Dr. O. S. K. S. Sastri	5. IAPT-DSM Award for Significant Contribution to UG Physics Teaching.
Dr. B. C. Chauhan	6. Awarded IUCAA Associateship from 2011 onwards. 7. Bharat Shiksha Ratan Award 2012. 8. Rajeev Gandhi Excellence Award, 2013.
Total	**8**

Doctoral/ post doctoral fellows: 09
Students: None

30. **Seminars/Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants:**

Faculty	Seminars/Conferences/Workshops organized	Source of funding	Outstanding participants
Dr O. S. K. S. Sastri and Dr Jagdish Kumar	1. Workshop on "Recent Trends in Modern Materials" Central University of Himahcal Pradesh, 11-12 August, 2015	CUHP	Prof. Murlidhar Rao (Retd.)-BARC Prof. M. Mukund Rao (Retd.)-IIT Madras
Dr O. S. K. S. Sastri and Dr Dalip Singh Verma	2. Workshop on "Computerisation Experiments in Physics using Data Acquisition with EXPEYES" , Central University of Himahcal Pradesh, 6-8 November, 2014.	CUHP	Dr. Ajith Kumar Er. V.V.V. Sathyanarayana (Inter University Accelerator Centre New Delhi)
Dr. B. C. Chauhan	3. A Two-Day Workshop (4th-5th Feb.,2011) on Competence Building: Teaching, Learning & Evaluation and Office Procedure, Funded by UGC;at GC Karsog, (HP) 4. A Two-Day Symposium (24th - 25th Dec., 2011) on History of	UGC	None
		Self	None
		IGNOU	None
		CUHP	None

	Ancient Temples of Karsog (HP) 5. One Day Silver Jubilee Workshop (10th Sept., 2010) on Role of Open Distance Learning in Building Knowledge Society, Funded by IGNOU. 6. Seminar on "Ancient Indian Wisdom: Some Reflections" (17th Feb. 2015) by Dr. Ravi Prakash Arya.		
Dr. O.S.K.S. Sastri	7. One Day Workshop on "e-Learning Management System". (19th March, 2015)	CUHP	None
Dr. D. S. Verma	8. Workshop on Scientific writing and presentation (20th march, 2015)	CUHP	None
Dr. O.S.K.S. Sastri	9. One Day Workshop on " MOOCs". (20th October, 2015)	CUHP	Dr. Rajnessh Arora
Dr. Padmnabh Rai	10. Workshop on ExpEYES	CUHP	None
Dr. B. C. Chauhan	11. Two Week School (29th Feb to 12th March, 2016) on Gravitation and Astroparticle Physics".	CUHP	Prof. Sanjay Jhingan, Prof. Amitabh Virmani, Prof. Sanjeev Kumar Verma, Dr. S. Das, Prof. D. Majumdar, Prof. Baba V.K.S. Potukuchi
Dr. Ayan Chatterjee	12. Three Days Workshop (17th – 19th March 2016) on Hand's- on Workshop on Comuterisation Experiments in Physics".	CUHP	Dr. BP Ajith Kumar, Mr. VVV Sathyanarayana, Mr. Jitin
Dr. Ayan Chatterjee	13. Two Days Workshop (4th – 5th April, 2016) on Electricity and Magnetism experiments.	CUHP	Prof. Subhash Samanta
Dr. Ayan Chatterjee	14. One Day Workshop (12th May 2016) on "Demonstration Experimental Physics for B.Sc. Physics".	CUHP	Prof. M.S. Marwaha
Dr. O.S.K.S. Sastri	15. One Week Faculty Development Workshop (9th – 15th June 2016) on "Emerging Trends of ICT in Higher Education".	CUHP	Prof. K.Srinivas, Sri G.T. Rao, Prof. Sunil Pandey, Dr.

			Rakesh Roshan, Dr. Abhar Ray, Prof. Pankaj Khare, Prof. Rajbir Singh.
Total:	**15**		

31. **Code of ethics for research in the department:**

The department is under the process of framing research policy to maintain the research output and to enhance its visibility and transparency in the department of physics and astronomical science. The salient features of the policy are as follows:

1. It is recommended to maintain a list of journals duly passed in BOS and School Board.
2. Research web page of the department may be created and the research profile of the faculties be updated.
3. To create a Ph. D. thesis template in LaTeX in accordance with the CUHP template.
4. Research degree students should submit and defend their progress report every six months.
5. Research degree students are to be encouraged to attend schools/conferences/workshops in their respective area of research. Also, funds to be allocated for them to attend these activities. A student be given full/partial funding to attend international school/conferences/workshops once during the tenure of their Ph. D. In this regard, the department may seek additional funds from the university.
6. It is recommended that faculty should upload copy of their research work on arXiv for proper documentation and visibility.
7. Department should keep provisions in departmental budget for travel expenses, incurred in attending schools/conferences/workshops, of the faculty in india and abroad.
8. It is recommended to create a departmental library.
9. The department should procure softwares such as Mathematica, Maple, origin, fortran, matlab etc.
10. It is recommended to organize colloquium/talk on a scientific/research/ or on recent discoveries in science once in two weeks. For this purpose, apriori, a list of the prospective speakers may be prepared before the beginning of each semester.
11. Guideline to be made for intellectual property protection.
12. A thesis repository is to be maintained in the department.
13. To procure plagiarism certificate software. It should be mandatory that the students (both M.Sc. and Ph. D.) pass their thesis through this software to clear plagiarism related issues.
14. Faculty are encouraged to get research funding from various agencies.
15. Provisions are to be made in the departmental budget for providing R&D grants to faculty for one year. Clear guidelines may be made regarding the mode, criteria and the amount of funds.

Most of these recommendations are, already, followed by the department.

32.   Student profile programme-wise:

	Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage (%)	
			Male	Female	Male	Female
2011	M. Sc.	154	12	14	NA	NA
	Ph. D.	88	None	1	NA	NA
2012	M.Sc.	236	5	23	NA	NA
2013	M. Sc.	439	8	18	NA	NA
	Ph. D.	67	2	2	NA	NA
2014	M. Sc.	651	8	17	NA	NA
	Ph. D.	96	4	2	NA	NA
2015	B. Sc.	148	15	12	NA	NA
	M. Sc.	989	20	11	NA	NA
	Ph. D.					

33.   Diversity of Students:

	Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities/boards within the state	% of students from universities/boards outside the state	% of students from other countries
2011	M. Sc.				
	Ph.D.	None	100	None	None
2012	M. Sc.	None	100	None	None
2013	M. Sc.	None	85	15	None
	Ph.D.	50	50	None	None
2014	M. Sc.	None	92	8	None
	Ph.D.	50	50	None	None
2015	B. Sc.	None	89	11	None
	M. Sc.	None	86	14	None
	Ph.D.	45	55	None	None

34. **How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.:**

Civil Services and Defence Services examinations, NET, SET, GATE, Banking			
Gen	SC	ST	OBC
1. Jyoti Bhardwaj cleared UGC-NET. 2. Miss Harprabhjot Kaur, Banking exam	1. Mr. Suresh Chand cleared H. P. SET exam.	1. Mr. Govind Cleared CSIR-NET NET 2. Mr. Govind Singh awarded Rajeev Gandhi Fellowship	None
Total=4			

35. **Student progression:**

Student Progression	Percentage against enrolled					
	2013		2014		2015	
	In same university	In other university	In same university	In other university	In same university	In other university
UG to PG	UG programme introduced in 2015.					
PG to M. Phil.	None	4	None	15	None	None
PG tp Ph. D.	7	4	11	None	Admission under process	4
Ph. D. to Post-Doctoral	None					
Employed: Campus selection	None					
Other than campus recruitment	1. Miss Harprabhjot kaur selected in banking service. 2. Mr. Pardeep, Cambridge international school, Delhi. 3. Mrs. Pratibha, Kendriya Vidyalaya Sangathan.					
Enterpreneurs	None					

36. **Diversity of staff:**

Percentage of faculty who are graduates/Ph.D.	
of the same university	None
from other universities within the State	50%
from universities from other States from	38%
universities outside the country	12%

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:**
   1. Dr. Jagdish Kumar (2014)

38. **Present details of departmental infrastructural facilities with regard to:**
   - **Library:**
     - The University has a functional open access central library presently located at TAB, Shahpur Campus which is being further developed with adequate number of books, journals and reference material.
     - Website of the University already provides links to e-resources. These are being enhanced and upgraded to provide e-learning resources. The library has INFLIBNET facility for accessing online journals.
     - The library is providing online access to selected e-journals, e-books and databases made available under the UGC-Infonet Consortium of Electronic Journals and Databases by Inflibnet, Ahmedabad.
     - The following resources are available under the **UGC-Infonet Consortium**:

Sr.No.	Resource Name	Resource URL	No. of Journals
1.	Americal Physical Society	http://publish.aps.org/browse.php	10
2.	JSTOR	http://www.jstor.org/	2000+
3.	Springer Link	http://link.springer.com/	1389+

   - **Internet facilities for staff and students:**
     Class room, faculty room and laboratoriesare well equipped with LAN, Wi-Fi,

   - **Total number of class rooms:** The department has one, fully available, class room. However, in case of university wide, Human making and skill development courses, the class rooms of other departments are shared.

   - **Class rooms with ICT facility :** 1

   - **Student's laboratories:** 2

   - **Research laboratories:** 1

39. **List of doctoral, post-doctoral students and Research Associates:**

	From the host institution/university	From other institutions/universities
2011	None	1. Mrs. Jyoti
2013	1. Mr. Atul Chaudhary	2. Miss. Shankita Bhardwaj
	2. Mr. Suresh Chand	3. Miss. Gazal
2014	3. Mr. Abhinav Nag	4. Mrs. Kushmakshi
	4. Miss. Anuja	5. Mr. Rakesh Rathore
	5. Mr. Tapender	6. Mr. Govind
2015	Ms. Swapana	Ms. Nitika
		Ms. Sushma
		Ms. Shivani Kalia
2016		Mr. Ashish Sharma (PF)
Total	**6**	**10**

40. **Number of post graduate students getting financial assistance from the university:**

In order to support the meritorious but needy students, the university shall grant free-ships to certain percentage of its students, limited to the percentage as may be prescribed by the University Grants Commission (UGC) in this regard from time to time.

2011	**2012**	**2013**	**2014**	**2015**
None	10	10	10	None

Fee Concession for Differently-abled students:

1. Visually challenged students shall be exempted from payment of Tuition Fees and Professional Development Fees chargeable by the university, if any.
2. Physically challenged Students shall be exempted from the payment of Tuition Fees.
3. The differently-abled students shall also be eligible to apply for free-ship.

Fees Concession for SC/ST/Kashmiri Migrant Category:

4. Fees concession for SC/ST/Kashmiri Migrant students and any other category as per Govt. of India directives shall be applicable.

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:**

Before starting a new programme or department brainstorming sessions, are organized constituting of experts from the relevant fields, university administration and representatives of the stakeholders such as secretary higher education, are organized. Course development committee of the department take the suggestions from all stakeholders before starting a new course or programme.

42. **Does the department obtain feedback from:**

1) **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**

    The department regularly hold meetings of Board of Studies and School Board in which faculty feedback regarding ongoing courses, courses to be introduced and strategies regarding teaching-learning-evaluation is considered along with the expert suggestions of the board members. The faculty has autonomy to design and execute the course contents in an effective manner.

2) **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?:** Yes

    The feedback received from the students regarding staff, curriculum and teaching-learning-evaluation is taken seriously as a corrective measure to further improve the curriculum as a whole.

3) **Alumni and employers on the programmes offered and how does the department utilize the feedback?:**

43. **List the distinguished alumni of the department (maximum 10):** None

44. **Give details of student enrichment programmes (special lectures/ workshops / seminar) involving external experts:**

1) Through lectures, invited talks, colloquium and workshops on specific topics by faculty and invited external speakers:

S. No.	Speaker	Topic
1.	Dr. Avirup Ghosh,	1. SINP, delivered a lecture on Science day celebrations, 26th Feb. 2015.
2.	Dr. Sudipto Paul Chaudhary	2. IISER Mohali, delivered a talk on "String Theory" on 16th Jan. 2015.
3.	Dr. O. S. K. S. Sastri	3. Delivered talk on "Nuclear Stability" during colloquium session held on 09-09-2013. 4. Delivered talk on "Physics education research strategies" during colloquium session held on 04-11-2013.
4.	Dr. B. C. Chauhan	5. Delivered talk on "Scientific developments in Ancient India" during colloquium session held on 02-09-2013. 6. "Making Physics a fun" during colloquium session held on28-10-2013.
5.	Dr. Surender Verma	7. Delivered a talk on "An overview of the Particle physics, Standard model: Implication for Neutrino Mass" during colloquium session held on 14-10-2013.
6.	Dr. D. S. Verma	8. Delivered a talk on "Theory of compound nuclear reactions" during colloquium session held on 23-09-2013.
7.	Dr. Ayan	9. Delivered talk on "Stars, blackholes and

	Chatterjee	thermodynamics"during colloquium session held on 16-09-2013. 10. Delivered talk on "Biography of Indian astrophysicists" during colloquium session held on 25-11-2013. 11. Online workshop on LateX organized by CUHP and IIT Mumbai on 09-05-2014. 12. Delivered a talk "Hawking radiation from dynamical horizons" in international conference UNICOS held at Panjab University from 13-15th May, 2014. 13. Delivered six lectures in workshop, "Analytical aspects of dynamics" held at CUHP from 11-17th Nov. 2014.
8.	Dr. Jagdish Kumar	14. Delivered a talk on "Materials: the world of electrons" during colloquium session held on 30-09-2013.
9.	Dr. T. Ravi Kumar	15. Deliverd a lectures on "The Glory of Indian Culture" on 28-10-2014
10.	Prof. Satish Abbi	16. Delivered talks and interact with the faculty on 16-05-2013.
11.	Mr. Vishav Sharma	17. Delivered a lecture on "Awareness Program of Science Direct" on 25-10-2013
12.	Dr. T. Ravi Kumar	18. Delivered a lecture on "The Glory of Indian Culture" on 28-10-2014.
13.	Dr. Monika Randhawa	19. Delivered a lecture on "Neutrinos: The eternal travellers" on 19th Feb, 2016.
14.	Prof. Subhash Samanta	20. Delivered a lecture on "Electricity & Magnetism Experiments" on 04th -5th March, 2016.
15.	Dr. BP Ajith Kumar	21. Delivered a lecture on Python Programming Language for PhD Students and Faculties.
	Total	**21**

2) The department organizes educational tours for the post graduate students. In 2013, educational tour for M. Sc. IV semester was organized to visit Inter university accelerator centre, national physical laboratory, New Delhi and Science city Jalandhar. Also, in 2014, educational tour was organized by the department for M. Sc. IV semester students to visit Panjab University and CSIO Chandigarh.

3) The department has constituted "Physics Society" which organizes academic and co-curricular events in the departments (for details please see Annexure-III).

45. List the teaching methods adopted by the faculty for different programmes:

- Classroom teaching on board
- Tutorial part of the time table
- Theory and Lab courses-continuous evaluation
- Class tests, group assignments, Hando-on practice and quiz
- PowerPoint presentations
- Field tours

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

    The department, regularly, review and update the course contents. The course content developed by the faculty, course to be included in the curriculum is presented before the Board of Studies for their expert suggestions.

47. **Highlight the participation of students and faculty in extension activities:**

    - The department actively participated in Swachh Bharat Abhiyan and organized a cleanliness drive.
    - Dr. O. S. K. S. Sastri organized workshop on data acquisition in physics experiments for school and college teachers.
    - For the details of the activities organized by Physics society please see ANNEXURE-III.

48. **Give details of "beyond syllabus scholarly activities" of the department.**

    - Frequent organization of invited talks, lectures, workshops, in specialized areas.
    - **Dr. O. S. K. S. Sastri**, also, works in physics education research and constantlydelivers talks at school and college level for both teachers and students.

    1. "Waves and Oscillations", State Level Inspire Internship Camp, CSK HPKV, Palampur, December 26, 2014.
    2. "Massive Open Online Courses(MOOCs)", State Level workshop on Training Programme for Assistant/Associate Professor with 7-15 years of service for College Cadre, Govt. College of Teacher Education, Dharamshala, November 28, 2014.
    3. "Art of Creative Teaching", State Level workshop on Training Programme for Assistant/Associate Professor with 7-15 years of service for College Cadre, Govt. College of Teacher Education, Dharamshala, November 24, 2014.
    4. "Art of Creative Teaching", State Level workshop on Two Weeks Induction Training for College teachers, Govt. College of Teacher Education, Dharamshala, August 25, 2014.
    5. 'The role of Values and Spirituality in empowering life", Self transformation: A personal journey, Dronacharya P.G. College of Education, September 24,2014.
    6. "Splendors of Physics", State Level Inspire Internship Camp, CSK HPKV, Palampur, September 23, 2014.
    7. "Free and Open Source Software", State Level workshop on One Week Training Programme for College Lecturers(16-20 years) , Govt. College of Teacher Education, Dharamshala, April 22, 2014.
    8. "The mystery of light", State Level Inspire Internship Camp, CSK HPKV, Palampur, April 3, 2014.
    9. State Level Inspire Internship Camp, CSK HPKV, Palampur, March 28, 2014.

10. "Resonance", Celeration of National Science Day-2014, State council for ST& E, H.P. Shimla, February 28,2014.
11. "ICT In Teaching Learning Process", State Level workshop on Induction Training Program for School Cadre(PGTs/Lecturers), Govt. College of Teacher Education, Dharamshala, February 25, 2014
12. "Effective Use of IT Tools in Classroom", State Level workshop on Induction Training for College Teachers(IT-9), Govt. College of Teacher Education, Dharamshala, December 18, 2013.
13. "Demostration experiments on waves and oscillations", State Level Inspire Internship Camp, CSK HPKV, Palampur, November 12, 2013.
14. "Importance of Learning and Teaching Vedas", State Level workshop on In-Service Teacher Training for PGTs Sanskrit, Govt. College of Teacher Education, Dharamshala, July 29, 2013
15. "Science and Spirtuality", State Level workshop on In-Service Teacher Training for College teachers (IST-7), Govt. College of Teacher Education, Dharamshala, June 6, 2013.
16. "Computer Interfacing Experiments", UGC State Level Workshop on Innovative Approach to Laboratory Experiments in Physics, VVS College for Women, March 2006.
17. "Effective Teaching of Physics in Classrooms", State Level UGC Sponsored Workshop, Bharathi College, Maddur, July 2008.
18. "Being Creative and Innovative Teacher", Orientation Course on Effective Classroom Management for TGTs of Himachal Pradesh cluster, Navodaya Vidyalaya Samiti, JNV Paprola, November 11, 2014.

- **Dr. B. C. Chauhan:**
  Activity organized:

19. Seminar on Yog and Ayurved (18th Sept. 2015) by Dr. Yudhvir Kumar Bhoon.
20. Seminar on Ancient Indian Wisdom: Some Reflections (17th Feb. 2015) by Dr. Ravi P. Arya.
21. A Two-Day Symposium (24th -25th Dec. 2011) on History Writing of Karsog Ancient Temples.
22. A Two-Day Workshop (4th -5th Feb., 2011) on Competence Building: Teaching, Learning & Evaluation and Office Procedure, Funded by UGC.
23. One Day Silver Jubilee Workshop (10th Sept., 2010) on Role of Open Distance Learning in Building Knowledge Society, Funded by IGNOU.
24. Save Energy Day, 2011, Govt. College Karsog, Mandi (HP).
25. National Science Day (2007- to- 2012), Funded by State Science, Technology & Environment Department, Shimla (HP).

Seminars & Conferences Attended:

26. Three one day Symposia on "Scientific Dating of Manu Kal" organized by Neri Shodh Sansthan in Dharamshala.

Lectures and Talks delivered:

27. Invited Lecture at Th. Jadevchand Shodh Sansthan Neri, Hamirpur: Ancient Indian Time Reckoning: Kal Ganana.
28. Invited Lecture at Sri Sai University: Harnessing Geothermal Energy in India.
29. Paper Presentation at National Seminar organized by 'Youth for Sustainable Development' at Agrasen University Baddi: Geothermal Energy: A Natural Resource for Sustainable Development.
30. Two Invited Lecture at Academic Staff College Shimla
31. Two Invited Lecture at SCERT, Solan (13th October 2014): 1) Electromagnetic Pollution 2) The God's Particle
32. Invited Lecture at Govt. College Solan(14th October 2014)
33. Presentation at 1st Himachal Science Congress, Shimla (15th October 2014).
34. Two Invited Lecture at Workshop on Analytical Aspects of Dynamics (11-17 Nov., 2014), Mathematical Society & Department of Mathematics, CUHP.
35. Two Lectures at Refresher Course, Academic Staff College, HPU Shimla.
36. Poster presentation at the National Workshop on Status of natural Hazards in HP (6-8th Nov. 2014), at CUHP.
37. Invited Lecture at Regional Centre Dharamshala, HPU.
38. Invited Lecture at Govt. College Nalagarh, Solan.
39. Special Talk on National Science Day celebration function, Dept. Of Physics & Astronomical Science, CUHP.
40. Invited lecture on the Life and Teachings of Sw. Vivekananda at GSSS, Dughiyari, Gaggal, Kangra.
41. Invited Lecture at Workshop at SAI Hostel Dharamshala (28th Feb. 2015).
42. Inaugural Lecture at Dronacharya College Rait (24 Aug. 2015).
43. Invited Lecture at SCERT, Solan (13th August 2015).
44. Invited lecture for Inspire students in the State level Exhibition at Solan (8th Sept. 2015)

- **Dr. D. S. Verma**
  45. is observer for NET, CTET and IIT JEE conducted by CBSE. He has, also, judged Distt. Level DST-Inspire projects at department of elementary education, Chamba from 18-06-2015 to 20-06-2015.

49. **State whether the programme/department is accredited/ graded by other agencies? If yes, give details.:** No

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied:**
    Faculty members are actively involved in front areas of research in particle physics, gravity, condensed matter physics, nanomaterials, nuclear physics and physics education research.

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:**
    Strengths:
    1. Highly qualified and competent pool of faculty.
    2. Divereseareas of specilaization both in theoretical and experimental physics.
    3. The department is able to provide specialized course to students.
    4. Research based projects during fourth semester to PG students.
    5. Continuous revision of the syllabi based on the feedback of the students, and expert members of the Board of Studies and School Board.

    Weaknesses:
    1. Inadequate physical infrastructure
    2. Unavailability of major research journals
    3. The policy for sponsoring scinetific visits, attanding conferences/workshop/schools/symposium is yet to be implemented by the university.
    4. Background of the studenst at UG level.

    Opportunities:
    1. The department has the potential of imparting high end research in physics.
    2. The students can pursue further higher studies both national and international level as they are well equipped in knowledge and understanding.
    3. Students have opportunity to get benefitted from the interdisciplinary approach of the department.
    4. Students have the opportunity to do UG (Phys. Hons.), PG and Ph. D. programmes at one place.
    5. ICT enabled Classrooms
    6. Laboratories with modern facilities.

    Challenges:
    1. To promote scientific exchange programme
    2. To achieve excellence in research and consultancy.
    3. To recruit qualified and competent staff due to connectivity and remoteness of the region.
    4. To promote institutional linkage and scientific exchange programmes.

5. To enhance the quality of existing programs.

52.   Future plans of the department:
1. To build infrastructure in the department for teaching and research.
2. To enhance the interaction of faculty with other institutes in india and abroad to establish more research collaborations and exchange of knowledge.
3. To recruit faculty for UG programme.

Annexure-I

Central University of Himachal Pradesh
Department of Physics and Astronomical Science
School of Physical and Material Sciences
CBCS
Core Compulsory (CC)

Course Code	Name of Course	Credits	Level	Prerequisites	Co-requisites
PAS 401	Classical Mechanics	2	4		
PAS 401A	Classical Mechanics	4	4		
PAS 402	Mathematical Physics	2	4		
PAS 402A	Mathematical Physics	4	4		
PAS 403	Classical Electrodynamics	2	4		
PAS 403A	Classical Electrodynamics	4	4		
PAS 404	Quantum Mechanics	2	4		
PAS 404A	Quantum Mechanics	4	4		
PAS 406	Statistical Mechanics	2	4		
PAS 406A	Statistical Mechanics	4	4		
PAS 407	Advanced Quantum Mechanics	2	4	PAS 402, PAS 404A	
PAS 408	Elements of Condensed Matter Physics	2	4	PAS 404A	
PAS 408A	Condensed Matter Physics	4	4	PAS 404A	
PAS 409	Nuclear and Particle Physics	2	4	PAS 404A	
PAS 409A	Nuclear and Particle Physics	4	4	PAS 404A	
PAS 411	Atomic and Laser Physics	2	4	PAS 404	
PAS 411A	Atomic, Molecular and Laser Physics	4	4	PAS 404A	
PAS 413	General Physics Laboratory	2	4		PAS 401,403
PAS 423	Modern Physics Lab	2	4		PAS 409,411
PAS 427	Computational Physics Laboratory	2	4		PAS 406, 407, PAS 408
PAS 503	Advanced Condensed Matter Physics	2	5	PAS 408	
PAS 505	Advanced Nuclear Physics	2	5	PAS 409A	
PAS 521	Atomic & Molecular Physics	2	5	PAS 404A	
PAS 554	Advanced Modern Physics Laboratory	2	5		

Core Open (CO)

Course Code	Name of Course	Credits	Level	Prerequisites	Co- requisites
PAS 405	Electronic Circuits	2	4		
PAS 405A	Analog and Digital Electronics	4	4		
PAS 407A	Relativistic Quantum Mechanics	2	4	PAS 402, PAS 404A	
PAS 412	Semiconductor Devices	2	4	PAS 405	
PAS 414	Computer Simulations in Physics	2	4		PAS 401A, 404A
PAS 415	Electronics Lab	2	4		PAS 405
PAS 421	Advanced Classical Mechanics	2	4	PAS 401	
PAS 422	Classical Field Theory	2	4	PAS 401,403	
PAS 424	Advanced Classical Electrodynamics	2	4	PAS 403,401	
PAS 425	Quantum Electrodynamics	2	4	PAS 407, 403	
PAS 426	Quantum Field Theory	2	4	PAS 407(A)	
PAS 426A	Quantum Field Theory	4	4	PAS 404A	
PAS 427	Computational Physics Laboratory	2	4		PAS 406, 407, PAS 408
PAS 428	Computational Physics	2	4		
PAS 428A	Computational Physics	4	4		
PAS 506	General Theory of Relativity	2	5	PAS 421, 402	
PAS 506A	Theory of Relativity	4	5	PAS 401A	
PAS 507	Advanced Mathematical Physics	2	5	PAS 402	
PAS 508	Advanced Laser Physics	2	5	PAS 411	
PAS 510	Advanced Semiconductor Material and Devices	2	5	PAS 412	
PAS 511	Semiconductor Microelectronic Technology	2	5	PAS 412, 405	
PAS 512	Solid State Devices and Circuits	2	5	PAS405	
PAS 529	Group Theoretical Physics	2	5	PAS 507	
PAS 601	Advanced Techniques in Theoretical Physics	4	6		

Elective Specialisation (ES)

Course Code	Name of Course	Credits	Level	Prerequisites	Co- requisites
PAS 509	Advanced Quantum Field Theory	2	5	PAS 426	
PAS 513	Magnetic Materials	2	5	PAS 503	
PAS 514	Superconducting Materials	2	5	PAS 503	
PAS 515	Polymers, Ceramics and Composites	2	5	PAS 503	
PAS 517	Characterization of Materials	2	5	PAS 503	
PAS 518	Opto-electronics	2	5	PAS 508	
PAS 519	Ferroelectric Materials and Devices	2	5	PAS 503	
PAS 520	Seminar	4	5		
PAS 524	Advanced Statistical Mechanics	2	5	PAS 406,407	
PAS 525	Non-linear Physics	2	5	PAS 424	
PAS 526	Fourier Optics	2	5		
PAS 527	Theoretical Nuclear Physics	4	5	PAS 505	
PAS 528A	Particle Accelerators, Detectors and Reactors	4	5	PAS 409, PAS 505	
PAS 530	Soft Condensed Matter Physics	2	5	PAS 503	
PAS 531	Mesoscopic Physics	2	5	PAS 503	
PAS 532	Quantum theory of Many Body Physics	4	5	PAS 524	
PAS 533	Advanced Computational Physics Laboratory	2	5		PAS 524, 529
PAS 534	Quantum Computing	2	5	PAS 405,407	
PAS 535	Quantum Electronics	4	5	PAS 508	
PAS 538	Celestial Mechanics	2	5	PAS 421	
PAS 539A	Cosmology	4	5	PAS 401,407	
PAS 541	Perspectives of Astrophysics	2	5	PAS 407,507	
PAS 542	High Energy Physics	2	5	PAS 509	
PAS 543	Quantum Chromo-Dynamics	2	5	PAS 425	
PAS 544	Quantum Flavour Dynamics	2	5	PAS 425	
PAS 545	Unitary Symmetry in Quantum Physics	2	5	PAS 509, 528	
PAS 546	Neutrino Physics	2	5	PAS 407, 505	

PAS 547	Plasma Physics	2	5	PAS 407	
PAS 548	Project work	4	5		
PAS 549	Elementary Particles & Interactions	4	5		
PAS 551	Advanced Computational Physics	4	5		
PAS 552	Molecular Simulations in Material Science	4	5		
PAS 553	Standard Model, Higgs Physics & Beyond	4	5		

Elective Open (EO)

Course Code	Name of Course	Credits	Level	Prerequisites	Co-requisites
PAS 410	Physics of Earth Atmosphere	2	4		
PAS 410A	Physics of Earth & Atmosphere	4	4		
PAS 416	History of Physics	2	4		
PAS 417	Philosophy of Physics	2	4		
PAS 418	Physics for Everyone	2	4		
PAS 420	Environmental Physics	2	4		
PAS 429	Vedic Physics	4	4		
PAS 430	Indigenous Studies in Physics	4	4		
PAS 431	Physics and Art of Music	4	4		
PAS 433	Geo-Physics	4	4		
PAS 502	Advanced Atmospheric Physics	2	5	PAS 410	
PAS 504	Engineering Physics	2	5		
PAS 516	Nano-materials and Technology	2	5	PAS 503	
PAS 516A	Nano-materials and Technology	4	5	PAS 503	
PAS 522	Microprocessors and Micro-controllers	2	5	PAS 405,512	
PAS 523	Bio-physics	2	5	PAS 401,404	
PAS 528	Accelerators and Reactor Physics	2	5	PAS 505	
PAS 537	Space Physics and Communication	2	5	PAS 401,405	
PAS 539	Cosmology	2	5	PAS 401,407	
PAS 540	Elements of Astronomy	2	5	PAS 401,403	

Foundation Human Making (FH)

Course Code	Name of Course	Credits	Level	Prerequisites	Co- requisites
PAS 416	History of Physics	2	4		
PAS 417	Philosophy of Physics	2	4		
PAS 418	Physics for Everyone	2	4		
PAS 420	Environmental Physics	2	4		
PAS 555	Philosophy of Quantum Physics	4	5		
PAS 556	Science of Yoga	4	5		

Foundation Skill (FS)

Course Code	Name of Course	Credits	Level	Prerequisites	Co- requisites
PAS 418	Physics for Everyone	2	4		
PAS 419	Science and Technology of Alternative and Renewable Sources of Energy	2	4		
PAS 432	Ionizing Radiation & Safety Aspects	4	4		
PAS 501	Simulation and Computer Applications	2	5		
PAS 536	Informatics	2	5	PAS 405	
PAS 434	Science, Technology & Society	4	4		

Courses and Codes Re-distribution for B.Sc. (Physics/Honours) as per CBCS of UGC and CUHP:

Core Compulsory (CC)

Course Code	Name of Course	Credits
PAS 101	Mathematical Physics-I	4
PAS 101 L	Mathematical Physics-I Lab	2
PAS 102	Mechanics	4
PAS 102 L	Mechanics Lab	2
PAS 103	Electricity and Magnetism	4
PAS 103 L	Electricity and Magnetism Lab	2
PAS 104	Waves and oscillations	4
PAS 104 L	Wave and oscillations Lab	2
PAS 201	Mathematical Physics-II	4

PAS 201 L	Mathematical Physics Lab-II	2
PAS 202	Thermal Physics	4
PAS 202 L	Thermal Physics Lab	2
PAS 203	Digital Systems and applications	4
PAS 203 L	Digital Systems and applications Lab	2
PAS 204	Optics	4
PAS 204 L	Optics Lab	2
PAS 205	Elements of Modern Physics	4
PAS 205 L	Elements of Modern Physics Lab	2
PAS 206	Analog Systems and applications	4
PAS 206 L	Analog Systems and applications Lab	2
PAS 301	Quantum mechanics	4
PAS 301 L	Quantum mechanics Lab	2
PAS 302	Solid State Physics	4
PAS 302 L	Solid State Physics Lab	2
PAS 303	Electromagnetic Theory	4
PAS 303 L	Electromagnetic Theory Lab	2
PAS 304	Statistical Physics	4
PAS 304 L	Statistical Physics Lab	2

Core Open (CO)

Course Code	Name of Course	Credits
PAS 211	Electronics	4
PAS 211 L	Electronics Lab	2
PAS 212	Mathematical Physics	4
PAS 212 L	Mathematical Physics Lab	2

Elective Open (EO)

Course Code	Name of Course	Credits
PAS 101	Mathematical Physics	4
PAS 102	Mechanics	4
PAS 103	Electricity and Magnetism	4
PAS 104	Waves and Optics	4
PAS 202	Thermal Physics	4
PAS 203	Digital, Analog and Instrumentation	4
PAS 205	Elements of Modern Physics	4
PAS 301	Quantum Mechanics	4
PAS 302	Solid State Physics	4
PAS 310	General Properties of Matter	4

Elective Specialisation (ES)

Course Code	Name of Course	Credits
PAS 210	Seminar	4
PAS 311	Experimental Techniques	4
PAS 311 L	Experimental Techniques Lab	2
PAS 312	Embedded systems- Introduction to Microcontroller	4
PAS 312 L	Embedded systems- Introduction to Microcontroller Lab	2
PAS 313	Physics of Devices and Communication	4
PAS 313 L	Physics of Devices and Communication Lab	2
PAS 314	Advanced Mathematical Physics-I	4
PAS 314 L	Advanced Mathematical Physics-I Lab	2
PAS 315	Advanced Mathematical Physics-II	5
PAS 315 T	Advanced Mathematical Physics-II Tutorials	1
PAS 316	Classical Dynamics	5
PAS 316 T	Classical Dynamics Lab	1
PAS 317	Applied Dynamics	4
PAS 317 L	Applied Dynamics Lab	2
PAS 318	Nuclear and Particle Physics	5
PAS 318 T	Nuclear and Particle Physics Tutorials	1
PAS 319	Astronomy and Astrophysics	5
PAS 319 T	Astronomy and Astrophysics Tutorials	1
PAS 320	Nano science and technology	4
PAS 320 L	Nano science and technology Lab	2
PAS 321	Physics of the Earth	5
PAS 321 T	Physics of the Earth Tutorials	1
PAS 322	Electrodynamics	4
PAS 322 L	Electrodynamics Lab	2
PAS 323	Laser Physics	4
PAS 323 L	Laser Physics Lab	2
PAS 324	Particle Physics	5
PAS 324 T	Particle Physics Tutorials	1

PAS 325	Acoustics and Ultrasonics	4
PAS 325 L	Acoustics and Ultrasonics Lab	2
PAS 326	Computational Physics	5
PAS 326 T	Computational Physics Tutorials	1
PAS 327	Operational Amplifiers	4
PAS 327 L	Operational Amplifiers Lab	2
PAS 328	Microprocessors	4
PAS 328 L	Microprocessors Lab	2
PAS 329	Biomedical Physics	4
PAS 329 L	Biomedical Physics Lab	2
PAS 330	Radiation Physics	4
PAS 330 L	Radiation Physics Lab	2
PAS 331	Material Science and Applications	4
PAS 331 L	Material Science and Applications Lab	2
PAS 332	Solid State Electronics	4
PAS 332 L	Solid State Electronics lab	2
PAS 350	Innovative Project	8
PAS 352	Summer School Report	8

Foundation Human Making (FH)

Course Code	Name of Course	Credits
PAS 111	Science and society	2
PAS 112	Environmental Physics	2
PAS 113	History of Science	2
PAS 114	Physics and Art of Music	2
PAS 120	Community Connect Project	8

Foundation Skill (FS)

Course Code	Name of Course	Credits
PAS 121	Physics Workshop Skills	2
PAS 122	Computer programming in Physics	2
PAS 123	Programming in MS Excel	2
PAS 124	Radiation Safety	2
PAS 125	Renewable Energy and Energy Harvesting	2

Note: The University may include more options or delete some of the options.

Core Open (CO) Courses of the concerned Departments being Offered to the BSc (Physics/ Honours) Students during 3 Year Degree Course:

Core Open (CO)

Course Code	Name of Course	Credits
CCS 101	Chemistry-I	4
CCS 101 L	Chemistry Lab-I	2
CCS 102	Chemistry-II	4
CCS 102 L	Chemistry Lab-II	2
MTH101	Algebra	4
MTH101 T	Algebra Tutorial	2
MTH102	Calculus	4
MTH102 T	Calculus Tutorial	2
CSI-211	Computer Programming	4
CSI-211 L	Computer Programming Lab	2

The Foundation Courses (Human Making/ Skill Development) of the various Departments being Offered to the BSc (Physics/ Honours) Students during 3 Year Degree Course:

Foundation (Human Making/ Skill)

Course Code	Name of Course	Credits
SKT-201	Sanskrit Sambhashna	2
HIL-469	Prayojanmoolak Hindi (Functional Hindi)	2
EEL-110	Functional & Communication Skill in English	2
EEL-446	Human Values in Literature	2
ENV 121	Basics of Environmental Studies	2
ENV 122	Environmental Issues and Policies	2
MCE 121	Science Communication	2
MCE 122	e-Learning for Science Graduates	2

The Foundation Courses (Human Making/ Skill Development) of the Department being offered to the PG/ RD programmes:

Foundation (Human Making/ Skill Development)

Course Code	Name of Course	Credits
PAS417A	History & Philosophy of Science	2
PAS 427A	Scientific Writing and Presentation	2

Core Compulsory/ Core Open/Elective Specialization

Course Code	Name of Course	Credits	
PAS407A	Advanced Quantum Mechanics	4	CC
PAS 546A	Neutrino Physics	4	ES
PAS 506A	Theory of General Relativity #	4	CO

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Annexure-II

List of Publications

S. No.	Title of the publication	Authors	Journal Name	Volume/issue and page number (year)	International	National	others	Latest Impact Factor (if any)
1.	A New Paradigm of Science.	B. C. Chauhan	Int. J. Rec. Sc. Studies	6 (3), 2912 (2015); ISSN: 0976-3031	International			3.908
2.	Computational Holographic Imaging using 2D Scalar Wave.	Zoltan Batiz and Bhag C. Chauhan	Int. J. Engg. Sc. Res. Tech.	3(8), 584 (2014); ISSN: 2277-9655	International			3.449
3.	Geothermal Energy and Earthquakes in Western Himalayas.	B. C. Chauhan	IJSRSET	1(1), 188 (2015); ISSN: 2394-4099	International			
4.	Science in Ancient Indian Scriptures: Bhumi Sukt (Atharv Ved) and Heat inside Earth.	B. C. Chauhan	Itihas Diwakar	8(2) p21(2015); ISSN: 2250-2769	International	Yes		
5.	An Empirical Model to Attain Peace & Prosperity.	B. C. Chauhan	IJMPSR	2, 2(1), 51 (2014); ISSN: 2348-5736	International			
6.	Earthquake and Geothermal Energy.	S.P. Kapoor and B.C. Chauhan	Uni. J. Geo. Sc.	2(5), 141 (2014); ISSN: 2331-9615	International			
7.	Mamleshwar Mahadev Temple of Karsog.	B. C. Chauhan	Itihas Diwakar	4 (4), 17 (2012); ISSN 2250-2769	International	Yes		

8.	Geothermal Tourism Potential in Himachal Pradesh	Arun Bhatia and B.C. Chauhan	Amity Research Journal in Tourism, Aviation and Hospitality	01, Jan-June 2016	International			
9.	Geothermal Energy: A Natural Source for Sustainable Development.	B.C. Chauhan	Managing our Resources: Perspectives and Planning; Bharti Publications (India)	ch.8, p76; ISBN: 978-93-81212-85-1 (2014)	International	Yes		
10.	Light Sterile Neutrinos and Dark Sector of Universe.	B.C. Chauhan	Chapter in a Book (Under Publication)	2015	International			
11.	Quark Lepton Complimentarity predictions for Theta23 and Cp Violation	Gazal and B. C. Chauhan	JHEP	07, 075 (2016)	International			6.023
12.	Non- minimally Coupled Scalar Fields, Holst Action and Black Hole Mechanics	A. Chatterjee	Annals of Physics	326 (2011) 307-322	International	-	-	3.5
13.	Local symmetries of non-expanding horizons	Rudranil Basu Ayan Chatterjee, Amit Ghosh	Classical and Quantum gravity	29 (2012) 235010	International			3.5

14.	Gauge invariant coupling of fields to torsion: a string inspired model	Srijit Bhattacharjee, Ayan Chatterjee	Physical Review D	83 (2011) 106007	International			4.5
15.	Horizon Mechanics and Asymptotic Symmetries with a Immirzi-like Parameter in 2+1 Dimensions	Rudranil Basu, Ayan Chatterjee	Classical and Quantum Gravity	28 (2011) 225013	International			3.6
16.	Physical process first law and increase of horizon entropy for black holes in Einstein-Gauss-Bonnet gravity	Ayan Chatterjee, Sudipta Sarkar	Phys.Rev .Lett.	108 (2012) 091301	International			7.3
17.	Hawking radiation from dynamical horizons	Ayan Chatterjee, Bhramar Chatterjee, Amit Ghosh	Phys.Rev . D	87 (2013) 8, 084051	International			4.5
18.	Quasilocal conformal Killing horizons: Classical phase space and the first law	Ayan Chatterjee, Avirup Ghosh	Phys.Rev . D	91 (2015) 064054	International			4.5
19.	Quasilocal rotating conformal Killing horizons	Ayan Chatterjee, Avirup	Phys.Rev . D	92 (2015) 4, 044003	International			4.5

		Ghosh						
20.	Prospects for the Reconstruction of Leptonic Unitarity Quadrangle and Neutrino Oscillation Experiments	Surender Verma and Shankita Bhardwaj	Nuclear Physics B	907, 249-257, (2016)	International			3.929
21.	Vanishing Effective Majorana Neutrino Mass and Light Sterile Neutrinos	Surender Verma	Mod. Phys. Lett. A	31, 1650040, (2016)	International			1.198
22.	Theoretical and Phenomenological Status of Neutrino Physics: A Brief Review	Surender Verma	AHEP	Article ID-385968, 1-15 (2015)	International			2.203
23.	Maximal CP-Violation in Neutrino Mass Matrix in light of the latest Daya Bay result on θ_{13}	Surender Verma	Phys. Lett. B	714, 92-96 (2012)	International			6.131
24.	Non-zero θ_{13} and CP-Violation in Inverse Neutrino Mass Matrix	Surender Verma	Nuclear Physics B	854, 340-349 (2012)	International			3.929
25.	Four Zero Texture Fermion Mass Matrices in SO(10) GUT	S. Dev, Sanjeev Kumar, Surender Verma, Shivani Gupta, R. R. Gautam	Eur. Phys. J. C	72, 1940 (2012)	International			5.084
26.	Leptogenesis in a Hybrid Texture Neutrino Mass	S. Dev and Surender	Mod. Phys.	25, 2837-2848 (2010)	International			1.198

	Model	Verma	Lett. A					
27.	Neutrino Mass Matrices with a Texture Zero and a Vanishing Minor	S. Dev, Surender Verma, Shivani Gupta and Radha Raman Gautam	Phys. Rev. D	81, 053010 (2010)	International			4.643
28.	Phenomenological Analysis of Hybrid Textures of Neutrinos	S. Dev, Surender Verma and Shivani Gupta	Phys. Lett. B	687, 53-60 (2010)	International			6.131
29.	Sub-barrier fusion cross-sections for 32S+90,96Zr, using the semiclassical extended Thomas-Fermi approach of energy density formalism	Dalip Singh Verma	AIP Conf. Proc.	1524 (2013) 143 : ISSN :0094243X	International			
30.	Low Vacuum Annealing of Cellulose Acetate on Nickel Towards Transparent Conductive CNT–Graphene Hybrid Films	Duc Dung Nguyen, Rajanish N Tiwari, Yuki Matsuoka, Goh Hashimoto, EijiRokuta, Yu-Ze Chen, Yu-LunChueh, Masamichi Yoshimura	ACS Applied Materials & Interfaces	6,9071, (2014)	International			6.723
31.	Quenching effect of surface adsorbed ligands on luminescence of α-NaYF4:Nd3+	XiaojieXue, Takenobu Suzuki, Rajanish	Japanese Journal of Applied	53, 075001, (2014)	International			1.127

	nanocrystals	N. Tiwari, Masamich i Yoshimur a and Yasutake Ohishi	Physics					
32.	Reduced graphene oxide-based hydrogels for the efficient capture of dye pollutants from aqueous solutions	Jitendra N. Tiwari, Kandula Mahesh, Le Hon Nhien, K. Christian Kemp, RupakTim ilsina, Rajanish N. Tiwari, Kwang S. Kim	Carbon	56, 173, (2013)	Internati onal			6.196
33.	Recent progress in the development of anode and cathode catalysts for direct methanol fuel cells	Jitendra N. Tiwari, Rajanish N. Tiwari, Gyan Singh, and Kwang S. Kim	Nano Energy	2, 553, (2013)	Internati onal			10.32 5
34.	Stable platinum nanoclusters on genomic DNA-graphene oxide with a high oxygen reduction reaction activity	Jitendra N Tiwari, Krishna Nath, Susheel Kumar, Rajanish N Tiwari, K Christian Kemp, Nhien H Le, Duck Hyun	Nature Commun ications	4:2221, 1, (2013)	Internati onal			11.47 0

		Youn, Jae Sung Lee, Kwang S Kim						
35.	Size-Dependent Upconversion Luminescence and Quenching Mechanism of LiYF4: Er3+/Yb3+ Nanocrystals with Oleate Ligand Adsorbed	XiaojieXue, Shinya Uechi, Rajanish N. Tiwari, ZhongchaoDuan, Meisong Liao, Masamachi Yoshimura, Takenobu Suzuki, and Yasutake Ohishi	Optical Materials Express	3, 98, (2013)	Internati onal			2.884
36.	Interconnected Pt-nanodendrite/DN A/reduced-graphene-oxide hybrid showing remarkable oxygen reduction activity and stability	Jitendra N Tiwari, Kingsley Christian Kemp, Krishna Nath, Rajanish N Tiwari, Hong-Gil Nam, Kwang S Kim	ACS Nano	7, 9223, (2013)	Internati onal			12.88 1
37.	Thermal Transformation of Carbon Hybrid Materials to Graphene Films	Rajanish N. Tiwari, M. Ishihara, Jitendra N. Tiwari, and M. Yoshimur a	ACS Appl. Mater. Interface s	5 (2013) 6522.	Internati onal			6.723
38.	Intense ultraviolet and blue upconverison	XiaojieXue, Meisong	Appl. Phys. Express	5 (2012) 092601	Internati onal			2.365

	emissions in Tb3+-Yb3+ codoped KY3F10 nanocrystals	Liao, Rajanish N. Tiwari, Masamichi Yoshimura, Takenobu Suzuki, and Yasutake Ohishi					
39.	Luminescence Properties of α-NaYF4:Nd3+ Nanocrystals Dispersed in Liquid: Local Field Effect Investigation	XiaojieXue, Meisong Liao, Takenobu Suzuki, Rajanish N. Tiwari, Masamichi Yoshimura, and Yasutake Ohishi	J. Phys. Chem. C	116 (2012) 22545	International			4.772
40.	Flame-annealing assisted Synthesis of Graphene films from adamantane	Rajanish N. Tiwari, M. Ishihara, Jitendra N. Tiwari, and M. Yoshimura	J. Mater. Chem.	22 (2012) 15031	International			6.626
41.	Transformation of polymer to graphene films at partially low temperature	Rajanish N. Tiwari, M. Ishihara, Jitendra N. Tiwari, and M. Yoshimura	Polymer chemistry.	3 (2012) 2712	International			5.520
42.	Synthesis of graphene film from fullerene	Rajanish N. Tiwari, M.	ChemComm.	48 (2012) 3003	International			6.834

	rods	Ishihara, Jitendra N. Tiwari, and M. Yoshimura						
43.	Enhanced Nucleation and Growth of Diamond Film on Si by CVD Using a Chemical Precursor	Rajanish N. Tiwari, Jitendra N. Tiwari, Li Chang and M. Yoshimura	J. Phys. Chem. C	115 (2011) 16063.	International			4.772
44.	Controlled synthesis and growth of perfect platinum nanocubes using a pair of low-resistivity fastened silicon wafers and their electrocatalytic properties	Jitendra N. Tiwari, Rajanish N. Tiwari and Kun-Lin Lin	Nano Res .	4, 541 (2011).	International			7.010
45.	Direct synthesis of vertically interconnected graphitic nanosheets with spherical carbons/GaN	Jitendra N. Tiwari, Rajanish N. Tiwari, Gyan Singh and Kun-Lin Lin,	Plasmonics	6 (2011) 67	International			2.238
46.	Zero-dimensional, one-dimensional, two-dimensional and three-dimensional nanostructured materials for advanced electrochemical energy devices	Jitendra N. Tiwari, Rajanish N. Tiwari and Kwang S. Kim	Progress in Materials Science	57 (2012)724	International			27.417
47.	Diamond plates on dome-like particles: preparation,	Rajanish N. Tiwari, Wei-Chun Chen,	J. Appl. Cryst..	43 (2010) 883	International			3.720

	characterization and field emission properties	Jitendra N. Tiwari, Wei-Lin Wang and Li Chang						
48.	The synthesis of diamond films on adamantane-coated Si substrate at low temperature	Rajanish N. Tiwari, Jitendra N. Tiwari and Li Chang	Chem Eng. J.	158 (2010) 641.	Internati onal			4.321
49.	Growth, microstructure, and field emission properties of synthesized diamond film on adamantane-coated silicon substrate by microwave plasma chemical vapor deposition	Rajanish N. Tiwari and Li Chang	J. ApplPhy s..	107 (2010) 103305	Internati onal			2.183
50.	Etching of GaN by microwave plasma of hydrogen	Rajanish N. Tiwari and Li. Chang	Semicon d. Sci. Technol.	25 (2010) 035010	Internati onal			2.190
51.	Chemical Precursor for the Synthesis of Diamond Films at Low Temperature	Rajanish N. Tiwari and Li Chang	Appl. Phys. Express	3 (2010) 045501	Internati onal			2.365
52.	Electrocatalytic activity of Pt nanoparticles electrodeposited on amorphous carbon coated silicon nanocones	Jitendra N. Tiwari, Fu-Ming Pan, Te-Ming Chen, Rajanish N. Tiwari and Kun-Lin Lin	J. Power Sources	195 (2010) 729	Internati onal			6.217
53.	Synthesis of Ptnanopetals on High Ordered Silicon Nanocones for	Jitendra N. Tiwari, Rajanish N. Tiwari and Kun-	ACS Appl. Mater. Interface	2 (2010) 2231	Internati onal			6.723

	Enhanced Methanol Electrooxidation Activity	Lin Lin	s					
54.	Highly reliable, nanoscale and eco-friendly thin film composite materials as a gate dielectric layer for next generation flexible MIM capacitors.	Jitendra N. Tiwari, Jagan Singh Meena, Chung-Shu Wu, Rajanish N. Tiwari, Min-Ching Chu, Feng-Chih Chang and Fu-Hsiang Ko	ChemSu sChem	3 (2010) 1051	Internati onal			7.657
55.	A Promising Approach to the Synthesis of 3D Nanoporous Graphitic Carbon as a Unique Electrocatalyst Support for Methanol Oxidation	Jitendra N. Tiwari, Rajanish N. Tiwari, Yun-Min Chang and Kun-Lin Lin	ChemSu sChem	3 (2010) 460	Internati onal			7.657
56.	Growth and characterization of diamond films on TiN/Si(100) by microwave plasma chemical vapor deposition	Wei-Chun Chen, Wei-Lin Wang, Rajanish N. Tiwari and Li Chang	Diamond related materials	18 (2009) 124	Internati onal			1.915
57.	Facile synthesis of continuous Pt island networks and their electrochemical properties for methanol electrooxidation	Jitendra N. Tiwari, Fu-Ming Pan, Rajanish N. Tiwari and S. K. Nandi	Chem. Commun .	48 (2008) 6516	Internati onal			6.834

58.	Na$_3$Bi: A Robust Material Offering Dirac Electrons for Device Applications	Jagdish Kumar, Pooja Kapoor and PK Ahluwalia	Journal of Electronic Materials	Vol. 44 Issue 10 (2015) 3215-3219	International	N/A		1.798
59.	Enhanced superconducting performance of melt quenched Bi$_2$Sr$_2$CaCu$_2$O$_8$ (Bi-2212) superconductor	Jagdish Kumar, Devina Sharma, P.K. Ahluwalia and V.P.S. Awana	Materials Chemistry and Physics	Vol. 139 (2013) 681688	International	N/A		2.259
60.	Chalcogen height dependence of magnetism and Fermiology in FeTe$_x$Se$_{1-x}$	Jagdish Kumar, S Auluck, P K Ahluwalia and V P S Awana	Supercond. Sci. Technol.	Vol. 25 (2012) 095002	International	N/A		2.325
61.	Superconductivity in the vicinity of ferromagnetism in oxygen free perovskite MgCNi$_3$: An experimental and density functional theory study	Anuj Kumar, Rajveer Jha, Shiva Kumar Singh, Jagdish Kumar, P K Ahluwalia, R P Tandon, and V P S Awana,	Journal of Applied Physics	Vol. 111 (2012) 033907	International	N/A		2.183
62.	Physical property and electronic structure characterization of bulk superconducting Bi$_3$Ni"	Jagdish Kumar, Anuj Kumar, Arpita Vajpayee, Bhasker Gahtori, Devina Sharma, P K	Supercond. Sci. Technol.	Vol. 24 (2011) 085002	International	N/A		2.325

		Ahluwalia, S Auluck and V P S Awana					
63.	Comparative experimental and Density Functional Theory (DFT) study of the physical properties of MgB_2 and AlB_2	Devina Sharma, Jagdish Kumar, Arpita Vajpayee, Ranjan Kumar, P K Ahluwalia, V P S Awana	J. Supercond. and Nov. Magn.	Vol. 24 (2011) 1925	International	N/A		0.909
64.	Anomalous heat capacity and X-ray photoelectron spectroscopy of Superconducting $FeSe_{1/2}Te_{1/2}$	VP S Awana, Govind, Anand Pal, Bhasker Gahtori, S D Kaushik, A Vajpayee, Jagdish Kumar and H Kishan	J. Appl. Phys.	Vol. 109 (2011) 07E122	International	N/A		2.183
65.	Significant Improvement in Superconductivity by Substituting Pb at Bi-site in $Bi_{2-x}Pb_xSr_2CaCu_2O_8$ with x=0.0 to 0.40	Jagdish Kumar, P K Ahluwalia, H Kishan and V P S Awana	J. Supercond. Nov. Magn.	Vol. 23 (2010) 493	International	N/A		0.909
66.	Negative thermoelectric power of over-doped $Bi_2Sr_2CaCu_2O_8$ superconductor	Jagdish Kumar, Monika Mudgel , G S Okram, Ajay Soni, V P S	Physica C	Vol. 470 (2010) S203-S204	International	N/A		0.942

		Awana, P K Ahluwalia, R B Saxen and H Kishan						
67.	Transition from Direct to Fowler-NordheimTunneling in Chemically Reduced Graphene Oxide Film	S. Pandey, C. Biswas, T. Ghosh, J. J. Bae, P. Rai, G.-H. Kim, K. J. Thomas, Y. H. Lee, P. Nikolaev, and S. Arepalli	Nanoscale	6, 3410 (2014)	International			8
68.	Electrical excitation of surface plasmons by an individual carbon nanotube transistor	P. Rai, N. Hartmann, J. Berthelot, J. Arocas, G. Colas-des-Francs, A. Hartschuh, and A. Bouhelier	Physical Review Letters	111, 026804 (2013)	International			8
69.	In-plane remote photoluminescence excitation of carbon nanotube by propagating surface plasmon	P. Rai, N. Hartmann, J. Berthelot, G. Colas-des-Francs, A. Hartschuh, and A.Bouhelier	Optics Letters	37, 4711 (2012)	International			3.5
70.	Silencing and enhancement of second-harmonic generation in optical gap antennas	J. Berthelot, G. Bachelier, M. Song, P. Rai, G. C. Francs, A. Dereux,	Optics Express	20, 10498 (2012)	International			3.6

		and A. Bouhelier						
71.	Improved electron field emission from morphologically disordered monolayer grapheme	S. Pandey, P. Rai, S. P. Patole, F. Gunes, G.-D. Kwon, J.-B. Yoo, P. Nikolaev, and S. Arepalli	Applied Physics Letters	100, 043104 (2012)	Internati onal			3.5
72.	Determinant role of the edges in defining surface plasmon propagation in stripe waveguides and tapered concentrators	J. Berthelot, F. Tantussi, P. Rai, G. C. Francs, J. C. Weeber, A. Dereux, F. Fuso, M. Allegrini, and A. Bouhelier	Journal of the Optical Society of America B	29, 226 (2012)	Internati onal			2.1
73.	Non-catalytic and template-free growth of single crystalline copper vanadate nanowires for field emission applications	M. Shahid, I. Shakir, H. Yanga, P. Rai, and D. J. Kang	Materials Chemistr y and Physics	131, 184 (2011)	Internati onal			2.5
74.	Enhancement of field emission in aligned multi-walled carbon nanotubes due to 70 MeV Ni6+ ion irradiation	B. Chakrabor ty, B. Satpati, P. Modak, K. S. Hazra, P. Rai, S. Roy, D. K. Avasthi, D. S. Misra, and S. Banerjee,	Internati onal Journal of Nanoscie nce	10, 1057 (2011)	Internati onal			
75.	Controlled growth of semiconducting	S. Roy, R. Bajpai, K.	Internati onal	<u>10, 35</u>(2011)	Internati			

	single-wall carbon nanotube	S. Hazra, P. Rai, N. Kulsrestha, and D.S. Misra	Journal of Nanoscie nce		onal			
76.	Development of crystallographic texture and in-grain misoorientation in CVD-produced single and polycrystalline diamond	D. R. Mohapatra , L. Jain, P. Rai, K. S. Hazra, I. Samajdar, and D. S. Misra	Chemica l Vapor Depositi on	17, 107 (2011)	Internati onal			2.0
77.	Enhancement of electric double layer capacitance of carbon nanotubes by gallium ion irradiation	P. Rai, S. Pandey, M. Menampar abath, Y. S. Kim, I. H. Lee, P. Nikolaev, and S. Arepalli	Journal of Applied Physics	109, 044308 (2011)	Internati onal			2.5
78.	Correlation between the saturation of emission current and defect coordination number for irradiated aligned multi-walled carbon nanotubes	B. Chakravor ty, P. Rai, K. S. Hazra, D. R. Mohapatra , D. S. Misra, and S. Banerjee	Chemica l Physics Letters	495, 266 (2010)	Internati onal			2.3
	Publications in Non-Peer Review Journals							
S. No .	Title of the publication	Authors	Journal Name	Volume/iss ue and page number (year)	Internati onal	Natio nal	oth ers	
1.	Dharam Kya Hai?	B. C. Chauhan,	Karsog Nalwar Smarika	2013	Internati onal			
2.	Career in Astronomy,	B.C. Chauhan	Divya Himachal Newspaper	Career Helpline, 2013	Internati onal			
3.	A Two Day symposium on History writing of	Bhag C. Chauhan	Nalwar Smarika; 2012.	2012	Internati onal			

S. No.								
	ancient Temples of Karsog.							
4.	India, World and Science	B.C. Chauhan	Karsog Nalwar Smarika	2011	International			
5.	Historical Prospective of Mamel Shiv Temple	B. C. Chauhan	Karsog Nalwar Smarika	2010	International			
					International			

Publications in e- Journals								
S. No.	Title of the publication	Authors	Journal Name	Volume/issue and page number (year)	International	National	others	
1.	Model independent constraints on Solar Neutrinos.	Lalsingh, B. C. Chauhan, Ravidutt, Kuldeep Kumar and S. Dev	arXiv	hep-ph/1102.4917	International			
2.	Green's Function Formalism of Holography with Arbitrary Mass, Spin, and Dimensionality	Zoltan Batiz and Bhag C. Chauhan;	arXiv	Physics: Optics/1109.4996	International			

Publications in Conference Proceedings								
S. No.	Title of the publication	Authors	Journal Name	Volume/issue and page number (year)	International	National	others	
1.	Increase of entropy for black holes in Einstein-Gauss-Bonnet theory	Ayan Chatterjee	J.Phys.Conf.Ser.	405 (2012) 012008	International			
2.	Symmetry reduction on Non expanding horizons	Rudranil Basu Ayan Chatterjee, Amit	J.Phys.Conf.Ser.	484 (2014) 012010	International			

		Ghosh						
3.	Hawking radiation from quasilocal dynamical horizons	Ayan Chatterjee	Pramana	86 (2016) 2, 307-314	International			
4.	Applications of Skyrme parameterized universal function of nuclear proximity in dynamical cluster decay model	Dalip Singh	Proceedings of the DAE Symp. on Nucl. Phys.	56 (2011) 558	International			
5.	Heavy ion reactions using universal function of Energy Density Formalism in semiclasical approach	Dalip Singh	Proceedings of the DAE Symp. on Nucl. Phys.	56 (2011) 502	International			
6.	Fusion excitation functions for 32S +90 Zr near sub-barrier energies with Ecm-dependent nuclear surface thickness	Dalip Singh Verma	Proceedings of the DAE Symp. on Nucl. Phys.	57 (2012) 446	International			
7.	Near and sub-barrier fusion cross-sections for neutron-rich system 20O +12 C; using Skyrme energy density formalism	Dalip Singh Verma	Proceedings of the DAE Symp. on Nucl. Phys.	58 (2013) 476	International			
8.	Fusion hindrance investigation for 27Al +45 Sc system	Dalip Singh Verma and Shivani	Proceedings of the DAE Symp. on Nucl.	59 (2014) 410	International			

	using Skyrme energy density formalism	Thakur	Phys.					
9.	Near and sub-barrier fusion for a proton-rich system 7Be+58Ni using Skyrme energy density formalism	Dalip Singh Verma and Atul Choudhary	Proceedings of the DAE Symp. on Nucl. Phys.	59 (2014) 600	International			
10.	The fusion excitation function for a positive Q-value system at near and deep sub-barrier energies using Skyrme energy density formalism	Atul Choudhary and Dalip Singh Verma	Proceedings of the DAE Symp. on Nucl. Phys.	60(2015) 572	International			
11.	The charged particle decay of hot and rotating compound nucleus 118, 122Ba* using dynamical cluster decay model	Dalip Singh Verma and Kushmakshi	Proceedings of the DAE-BRNS Symp. on Nucl. Phys.	60 (2015) 624	International			
12.	Electronic Properties of Graphene and Effect of Doping on the same	Abhinav Nag, Jagdish Kumar and O.S.K.S. Sastri	AIP Conference proceedings	1661 (2015) 080021	International	N/A		--
13.	Effect of Mechanical Strain on Electronic Properties of Bulk MoS$_2$	Sandeep Kumar, Jagdish Kumar and O.S.K.S. Sastri	AIP Conference proceeding	1661 (2015) 080011	International	N/A		--
14.	Effect of Strain along C-Axis of	Tapender, Jagdish Kumar and	AIP Conference e	1661 (2015)	International	N/A		--

	NbS_2	O.S.K.S. Sastri	proceedings	110024				
15.	Electronic band structure of $LaO_{1-x}F_xBiS_2$: A recently invented family of superconductors	Jagdish Kumar, PK Ahluwalia, VPS Awana	AIP Conference proceedings	1512 (2013) 1156	International	N/A		--
16.	Ab-initio study of magnetism in FeSe and FeTe	Jagdish Kumar, PK Ahluwalia, S Auluck and VPS Awana	AIP Conference proceedings	1447 (2012) 893	International	N/A		--
17.	Density Functional Study of Perovskite Superconductor $MgCNi_3$	Jagdish Kumar, Devina Sharma, Ranjan Kumar, V.P.S. Awana and P.K. Ahluwalia	AIP Conference proceedings	1393 (2011) 199	International	N/A		--
18.	Raman and photothermal spectroscopies for explosive detection	E. Finot, T. Brule, P. Rai, A. Griffart, A. Bouhelier, and T. Thundat	Proc. SPIE	8725, 872528 (2013)	International			
19.	Modified carbon nano-structures for energy and display applications	P. Rai, S. Pandey, G. Arabale, P. Nikolaev, and S. Arepalli,	Proc. IEEE	12539108, 76 (2012)	International			

1. Details of Impact factor of Publications:

Range	27.42	Average	4.3	h-index	7	Nos. in SCOPUS	70

2. Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2	UGC-BSR	6,00,000	6,00,000
	2	UGC-BSR	6,00,000	6,00,000
	3	UGC	11,70,000	Nil
	2	UGC-BSR	6,00,000	6,00,000
Minor Projects				
Interdisciplinary Projects		BRNS	30,00,000 (deposited in Environmental science department)	30,00,000 (deposited in Environmental science department)
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total			29,70,000	18,00,000

3.

3. No. of books published
   (i) With ISBN No. [ ]   Chapters in Edited Books [3]

   (ii) Without ISBN No [ ]   Chapters in Edited Books [8]

Department of
Social Work

1. **Name of the Department:** Department of Social Work

2. **Year of establishment** - 2010

3. **Is the Department part of a School/Faculty of the university?**

   YES, School of Social Sciences

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):**

   PG (MSW), M.Phil.in Social Work, Ph.D in Social Work

5. **Interdisciplinary programmes and departments involved**

   NIL

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**

   NIL

7. **Details of programmes discontinued, if any, with reasons**

   NIL

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**

   Semester & Choice Based Credit System (Annexure-1)

9. **Participation of the department in the courses offered by other departments:**

   Students opt(ed) for University-Wide Courses & Foundation Courses offered by various Schools/Departments/Centres namely: (See Annexure-2 for details of university-wide courses opted by MSW students offered by other departments)

   - Dept. of Sociology and Social Anthropology
   - Department of Economics & Public Policy
   - Department of English& European Languages
   - School of Business & Management Studies
   - Department of Environmental Sciences
   - Department of Teacher Education
   - School of Journalism Mass Communication & New Media
   - Department of Mathematics
   - Department of Computer Science & Informatics
   - Department of Library & Information Sciences
   - Department of Tourism & Travel Management.

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	**Filled**	**Actual (including CAS & MPS)**
Professor	01	01	01
Associate Professors	02	01	01
Asst. Professors	04	02	02
Others	0	0	

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. Arvind Agrawal	MA Sociology; M.Phil. (JNU) Ph.D. (Hiedelberg Univ.)	Professor	Weberian Theories, Research Methodology, Globalisation	36 years Teaching 12 years Administration	25 M.Phil. 28 Ph.D. (Awarded) 06 Ph.D. (Ongoing)
Dr.Asutosh Pradhan	MA Social Work	Associate Professor & Head	Social Work Research, Social Capital, Microcredit, Domestic Violence	24 Years Teaching 3 years as Practitioner	02 Ph.D. (Ongoing)
Ms.Ambreen Jamali	Master of Social Work	Assistant Professor	Community Work & HRM	6 years Teaching	Nil
Mr.Shabab Ahmad	Master of Social Work	Assistant Professor	Community Work & HRM	5 years Teaching 4 years as Practitioner	Nil

12. **List of senior Visiting Fellows, Adjunct Faculty, Emeritus Professors**

Nil

13. **Percentage of classes taken by temporary faculty – programme-wise information**

Nil

14. Programme-wise Student Teacher Ratio

Teacher Student Ratio for Master of Social Work (MSW) Programme is 1:14.5

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Actual = 01

Non-Teaching/Technical					
Group A	Group B	Group C	Technical	Outsource	Total Non-Teaching
Sanctioned	--	1	--	1	2

16. Research thrust areas as recognized by major funding agencies

- Tribal Studies
- Transnational Social Work
- Domestic Violence

17. Number of faculty with on-going projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

01 [ONE]

Sl.	Name of Faculty	Project Title	Year	Name of Funding Agency	National / International	Total Grant Received
1.	Dr.Asutosh Pradhan	"Coping and Help-seeking Behaviour of Women Victims of Domestic Violence – A Study in Kangra and Mandi Districts of Himachal Pradesh"	2014-16	ICSSR, New Delhi	National (Major Research Project)	10 Lakh

18. Inter-institutional collaborative projects and associated grants received

NIL

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

01 [ONE] – Grant Received from ICSSR, New Delhi: 10 Lakhs

20. Research facility / centre with

- **State recognition**

NIL

- **National recognition**

Ministry of Human Resource Development (HRD), New Delhi, for the establishment of Centre for Tribal Studies in the Department of Social Work

- **International recognition**

Student & Faculty Exchange Programme with Frankfurt University, Germany

21. Special research laboratories sponsored by / created by industry or corporate bodies:

NIL

22. Publications:

- Publications of the Faculty since the Dept. of Social Work was established in 2010(Period: 2010-11 to 2015-16)

Sl.	Name of Faculty	Total No. of Publications								
		Journals		Monographs	Chapters in Books		Edited Books		Books with ISBN with details of publishers	
		International	National		International	National	International	National	International	National
1.	Prof. Arvind Agrawal	04	--	--	02	--	--	--	--	--
2.	Dr.Asutosh Pradhan	--	01	--	02	07	--	--	--	01 ISBN: 978-81-8484-349-1 Regal Publications, New Delhi
3.	Ms.Ambreen Jamali	01	--	--	--	--	--	--	--	--
4.	Mr.Shabab Ahmad	01	--	--	--	01	--	--	--	--
5.	Mr.Upmesh K. Talwar (Left)	--	02	--	--	01	--	--	--	--

Faculty-Wise Details of Publication provided in <u>Annexure-3</u>

- **Number of papers published in peer reviewed journals (national / international)**

- **Monographs**

- **Chapters in Books**

- **Edited Books**

- **Books with ISBN with details of publishers**

- **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)**

- **Citation Index – range / average**

- **SNIP**

- **SJR**

- **Impact Factor – range / average**

- **h-index**

23. **Details of patents and income generated**

    NIL

24. **Areas of consultancy and income generated**

    NIL

25. **Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad**

    02 [Two]

    1. Prof. ArvindAgrawal- Invited as visiting faculty to:

        a. Turin University, Italy; Universitélibre de Bruxelles (Brussels, Belgium); Lund University, Sweden;
        b. University of Applied Sciences, Frankfurt, Germany (2014, 2015)
        c. Department of Philosophy and Sociology of Law, Milan University, Italy (2009)
        d. University of Lund, Sweden (2009)
        e. Humboldt University in Berlin, Germany (2007)

    2. Prof. Arvind Agrawal & Dr.Asutosh Pradhan– Empanelled for visiting University of Applied Sciences, Frankfurt, Germany (2016-17)

    3. Ambreen Jamali–

a. Invited as Panellist in panel discussion on Gandhi Jayanti celebration on the topic "Gandhi Ji's Vision of Empowerment and Service" at Management Institute, New Delhi.

b. Invited to deliver two days guest lecture to MBA students by SRISIIMS at New Delhi.

c. Invited to deliver orientation lecture to PGDBM students on the topic "Art of Serving the Society as a Corporate Executive" in 2013 academic session.

4. Shabab Ahmad –

a. Invited to participate in round table discussion in the series of "Coexisting and Flourishing", organised by Tibetan Centre for Conflict Resolution (TCCR).

26. Faculty serving in

f) National committees b) International committees c) Editorial Boards d) any other (please specify)

S.No	Faculty	Nature of Assignment	Institution
1.	Prof. Arvind Agrawal	Research Projects Review Committee	ICSSR, New Delhi
		Vice-President	International Sociological Association- Research Committee 12 (Research Committee on Sociology of Law) for 2014-18
		Co-opted as an Executive Member	International Board of Research Committee on Sociology of Law of International Sociological Association (2010-2014)
		Convener, Research Committee on Sociology of Law	Indian Sociological Society
		Member, Standing Committee of the Indian Historical Records Committee till 03.07.2016	Ministry of Culture, Government of India
		Member, Scientific advisory Committee of Toulose Conference 2013 held in Toulose, France	Research Committee on Sociology of Law of International Sociological Association
		Member, Institutional Ethics Review Board for research on	IERB-JNU, 2011

		Human subjects	
		UGC Nominee for Annual Assessment of SAP of Department of Sociology, Mumbai University, Mumbai	University Grants Commission, 2012
		Chancellor's Nominee, Board of Management (BOM)	Maharaja Ganga Singh University, Bikaner (Rajasthan)
		Chief Editor, CUHP CHRONICLE, University News Letter	Central University of Himachal Pradesh, Dharamshala (2011-2014)
2.	Dr.Asutosh Pradhan	Editorial Board	IGNOU, New Delhi
		Board of Studies	Central University of Jammu
		School Board	IGNOU, New Delhi
		Executive Body Member	Indian Association of Social Work Education (IASWE)
		Consultation Meets for National Social Work Subject Framework for Master's degree in Social Work	Tata Institute of Social Sciences, Mumbai (2012-13)
		Participated in the North Zone Consultation Meet on National Network of Schools of Social Work for Quality Enhancement of Social Work Education in India held on Feb. 25, 2012; organized by the Department of Social Work, JamiaMilliaIslamia, New Delhi.	
3.	Mr.Shabab Ahmad	Nil	
4.	Ms.Ambreen Jamali	Nil	

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

- Ambreen Jamali: Attended two day orientation training on Child Labour, Bonded Labour and Women Labour on 23 - 24 August 2012 at V. V Giri National Labour Institute at New Delhi.

- Ambreen Jamali: Attended 15-day of Capacity Building Program sponsored by ICSSR, organised by Department of Commerce Aligarh Muslim University (AMU), held from 11.09.2014 to 25.09.2014.

- Ambreen Jamali: Symposia on 'Interrelationship of Hindi Literature and Cinema,' Organised by Hindi Department, School of Humanities & Languages, Central University of Himachal Pradesh on 17th April 2013.

- Ambreen Jamali: Attended a 2-Day Workshop on "Communication and Case Analysis", organised by School of Business and Management Studies, Central University of Himachal Pradesh, 13-14 May, 2014

- Ambreen Jamali: Attended a 4-week Orientation Program, at Human Recourse Development Centre, Aligarh Muslim University (AMU), held from 18.11.2015 to 15.12.2015.

- Shabab Ahmad: Attended a Workshop on "Faculty Development Programme on Research Methods, SPSS & Thesis Writing" organised by Global Development Foundation, New Delhi on 22nd July 2012.

- Shabab Ahmad: Attended a Two-Week National Workshop on Capacity Building Programme for Faculty, organised by Department of Marketing & Supply Chain Management, School of Business and Management Studies, Central University of Himachal Pradesh, sponsored by Indian Council of Social Science Research, New Delhi from 09th to 22nd December 2013

- Shabab Ahmad: Attended a 2-Day Workshop on "Communication and Case Analysis", organised by School of Business and Management Studies, Central University of Himachal Pradesh, 13-14 May, 2014.

- Shabab Ahmad: Attended an Orientation Programme organised by UGC-Academic Staff College, Ranchi University, Ranchi from July 14-August 10, 2014.

28. Student projects

- **percentage of students who have done in-house projects including inter-departmental projects**

All the MSW students of in every batch have to undertake a dissertation as part of the course requirement. A list of research topics of the last batch (2014-16) is provided in Annexure-4.

- **percentage of students doing projects in collaboration with other universities industry / institute**

   NIL

29. Awards / recognitions received at the national and international level by

- **Faculty:**

Prof. Arvind Agrawal

1. Awarded an International Award for contribution to Sociology by the International Sociology Association (ISA-RCSL) in 2011.

2. Co-opted Member, RCSL (Research Committee on Sociology of Law) Board for 2010-2014 of ISA (International Sociological Association).

- **Doctoral / post-doctoral fellows**

Students (01)

30. Seminars/Conferences/Workshops organized and the source of funding (national international) with details of outstation participants, if any.

a) International Conference on Sociology of Law was organised by the Dept. of Social Work with the theme 'Peace, Justice & Development' (jointly organized by ISA-RCSL & the Central University of Himachal Pradesh) and held from 10th Sept. to 12th Sept. 2011.

b) Organised a one-week Workshop on "Qualitative Research" and "Rating Scales & Attitude Measurement" in the Department of Social Work on April 25-29, 2011conducted by Prof. M.Z. Khan, Former Head, Department of Social Work, Jamia Millia Islamia, New Delhi.

c) Organised two Public Lectures of Justice R. S. Chauhan, Rajasthan High Court on the topics "Gender Issues in Contemporary India: Law and Social Sensitization" and "Indian Constitution: A Panacea for all Social Problems of our Contemporary Society" held on 25th & 26th April 2013 respectively.

a) International Womens' Day celebratedon 8th March 2013 in collaboration with EduCARE India and Young Women's Idea. Chief Speaker of the programme was Prof. HannsWienold, Munster University, Germany.

b) International Seminar-cum-Workshop organised by the Dept. of Social Work on Education for Gender Equality & Peace in collaboration with leading NGOs— EduCARE India, Young Women's International Institute and InGlobed on 29th October 2013 on the theme "Education for Gender Equality and Peace" to observe International Peace Day.

c) An International Conference on "Social Rights, Social Justice and Social Policies" was organised by the Department of Social Work in collaboration with German Academic Exchange Service (DAAD), wherein research scholars from Germany, Malaysia, Afghanistan and India presented various research papers. This programme which was held on held on 29th August 2013 was arranged as part of an Academic Exchange Programme for the development of the MSW students of the Department of Social Work.

d) Organised a 10-day ICSSR sponsored Research Methodology Workshop for Ph.D.

Research Scholars from March 17-26, 2015.

31.   Code of ethics for research followed by the department:

No separate Code of Ethics has yet been framed by the department for research.

32.   Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	**Female**	**Male**	**Female**
MSW (2010-12)	258	12	09	10	07
MSW (2011-1)	273	14	06	10	04
MSW (2012-14)	388	26	04	24	04
MSW (2013-15)	499	23	06	21	06
MSW (2014-16)	429	23	07	Continuing	Continuing
MSW (2015-17)	417	22	08	Continuing	Continuing

33.   Diversity of students: in the Master of Social Work (MSW) Programme

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students From universities outside the State	% of students From other countries
MSW (2010-12)	NIL	95 %	5 %	Nil
MSW (2011-1)	NIL	76 %	24 %	Nil
MSW (2012-14)	NIL	57 %	43 %	Nil
MSW (2013-15)	NIL	48 %	52 %	Nil
MSW (2014-16)	NIL	67 %	33 %	Nil
MSW (2015-17)	NIL	63 %	37 %	Nil

34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

List of Students who qualified in the UGC-NET Examinations

Sl.	Name of Students	Batch	Year Qualified
1.	Shishir Sharma	2010-2012	2012, 2013
2.	Ankita Choudhary	2010-2012	2012
3.	Hoshiar Singh	2011-2013	2012
4.	Rahul Devgan	2011-2013	2013
5.	AdityaParihar	2010-2012	2013
6.	Sandeep Bharmoria	2010-2012	2012
7.	Yanchan Dolma	2012-2014	2013
8.	SuhailAlam	2012-2014	2015
9.	ShawezRaza	2013-2015	2014
10.	Syed FahadHasan	2013-2015	2016
11.	Fahad Ahmad	2014-2016	2016
12.	Joytsana	2014-2016	2016

35. Student Progression

Student Progression	Percentage against Enrolled
UG to PG	NA
PG to M.Phil.	None
PG to Ph.D.	05/87 (05.74%)
Ph.D. to Post-Doctoral	None
Employed	
• Campus selection	15/87 (17.24%)
• Other than campus recruitment	Other initiatives are regular posting of Social Work related job openings in the Facebook Account 'Master of Social Work' – and through Group Emails to the respective email accounts of the former and the present students.

36. Diversity of staff

Percentage of faculty who are graduates	
• of the same university	NIL
• from other universities within the State	NIL
• from universities from other States from India	100%
• universities outside the country	NIL

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**
NIL

38. **Present details of departmental infrastructural facilities with regard to**

   a) **Library:** Not available; Central Library Only

   b) **Internet facilities for staff and students:**

YES (WiFi/LAN facilities available to all students in the TAB Campus Library, Computer Lab and Boys & Girls Hostels; for Faculty LAN/WiFi)

   c) **Total number of class rooms**: One Only

   e) **Class rooms with ICT facility:** One (Common Computer Lab for the whole university)

   f) **Students' laboratories:** Not Applicable

   g) **Research laboratories:** Not Applicable

39. **List of doctoral, post-doctoral students and Research Associates**

   (i) **from the host institution/university**

Sl.	Year of Registration	Name	Remarks
1.	2015-16	Ambreen Jamali	Continuing
2.	2015-16	Shishir Sharma	Continuing

   (ii) **from other institutions/universities**

Sl.	Year of Registration	Name	Status
3.	2010-11	Bindu Kumari	Completed in 2015
4.	2011-12	Javaid Mir	On Leave
5.	2011-12	JomonVargees	On Leave
6.	2013-14	Noorul Ain	Continuing
7.	2013-14	Kaushik Kumar	Continuing
8.	2013-14	Siraj Ahmad	Continuing
9.	2013-14	BimlaKumari	Continuing
10.	2015-16	Gudu	Continuing
11.	2015-16	Khillare Dinesh	Continuing
12.	2015-16	Abnish Kumar	Continuing

40. **Number of post graduate students getting financial assistance from the university.**

20% of the students enrolled for MSW in the department of Social Work are eligible for freeship. In the current batch i.e. for 2015-16 academic session 10 (ten) students have been

provided freeship. The details of freeship in the previous years are as under:

Sl.	Academic Session	Total recipients of freeship in MSW
1.	2010-11	01
2.	2011-12	07
3.	2012-13	09
4.	2013-14	11
5.	2014-15	11
6.	2015-16	10
	Grand Total	49

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Keeping in view the presence of a sizeable tribal population in H.P. the department of social work developed a proposal for the establishment of a Center for Tribal Studies in the School of Social Sciences which has been approved the Ministry of Human Resource Development and has received initial grant assistance of Rs.25 lakhs.

42. Does the department obtain feedback from -

(i) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

The faculty of the department is involved in the designing of the courses taught and also participates in the Board of Studies as and when it is held

(ii) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, students of the department give their feedback on teaching-learning-evaluation on a format developed by the University based on the following15 parameters against each course taught by teachers. The consolidated scores are then handed-over to the concerned faculty for introspection and improvement.

- Teacher's knowledge of the subject & general awareness
- Teacher's conceptual clarity and understanding
- Communication & presentation skills of the teacher
- Inspiring / motivating skill of the teacher
- Expertise to use variety of teaching aids & innovative teaching methods
- Ability to ensure students' interaction in teaching learning process
- Regularity & punctuality/time management
- Proficiency to use IT in teaching-learning process

- Guidance and interaction outside the class
- Objectivity in paper-setting and evaluation
- Quality of reading material supplied/recommended
- Relevance and adequacy of the course contents
- Conduct and fairness
- Empathy/Interpersonal skills of the teacher
- Overall impact of the teacher in your growth/performance

(iii) Alumni and employers on the programmes offered and how does the department utilize the feedback?

Some of the Alumni visit the department during the academic sessions and share their experiences with the faculty and students of the department. Suggestions provided, if any, are incorporated in the courses content from time to time.

43. List the distinguished alumni of the department (maximum 10)

Sl.	Name of the Student	Year of Passing	Employment (Present)
1.	Sandeep Kumar Bharmoria	2012	Consultant @ UNDP, Dharamshala; Post: Manager, Social Mobilization & Infrastructure, National Urban Livelihood Mission (NULM) City Mission Management Unit (CMMU),
2.	Amit	2012	Programme Officer, National CSR Hub, School of Rural Development, Tata Institute of Social Sciences, Mumbai
3.	Vishal Soni	2012	Sr. Research Associate@ UNDP; Comprehensive Capacity Building Programme under JNNURM with Directorate of Urban Development, Govt. of Himachal Pradesh. Working for enhancing the capacities of the staff of different Municipal Corporations all over the Himachal Pradesh.
4.	Mamta Sharma	2013	Lady Welfare Officer, Vardhaman Textiles, Baddi, H.P.
5.	Neha Sharma	2013	Institute of Liver and Biliary Sciences(PaediatricHaematology)
6.	WasimAkhtar	2014	Development Apprentice, PRADAN, Chhatisgarh
7.	Sachin Pathania	2014	Development Apprentice, PRADAN, Chhatisgarh
8.	Md. Sajid Khan	2014	Ph.D. at Hacepttpe University in Turkey
9.	Minhaj Ahmad Khan	2015	Programme Executive,Smile Foundation, New Delhi
10.	NehaDogra	2015	Block Facilitator, Save the Children, New Delhi

44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

(a) Eight students attended Workshop Frankfurt University, Germany.

(b) Ph.D. Scholars attended the ICSSR sponsored Research Methodology Workshops held in the university on 20-29 August 2015 and 17-26 March 2015 in which external experts delivered lectures and held SPSS sessions.

(c) Prof. Anjoo Sharan Upadhyaya, Professor of Political Science, BHU, Varanasi delivered a Lecture on Nov. 5, 2014on the theme "Women and Peace Building".

(d) A Seminar-cum-Workshop was organised on October 29, 2013 to commemorate the "International Peace Day" on the theme "Education for Gender Equality and Peace" organised by the Department of Social Work, CUHP in collaboration with EduCARE India and InGlobed – two reputed international NGOs. The chief speakers were Mr Baljinder Bhullar, Director, EduCAREIndia; Ms Rachel Donovan, Assistant Director, Young Women's Idea and EduCARE India and Ms Alexandra Mietusch, Programme Manager of InGlobed. The workshop was made vibrant with active participation of international interns of both EduCARE India and InGlobed, from various countries like France, Slovakia, USA, UK, Germany, etc. who are engaged in grassroots development initiatives in the development sector. The workshop proved to be a platform for lively discussion & debate on issues of gender disparity, women education etc.

(e) The MSW Scholars & Research students of the Department of Social Work attended a Summer School Camp jointly organised by Fachhochschule Frankfurt am Main, University of Applied Sciences, Frankfurt and Jagori—an NGO located at Sidhbari, Dharamshala, from 30th August 2013 to 8th Sept. 2013. This programme was sponsored by the German Academic Exchange Service (DAAD)and Fachhochschule Frankfurt am Main, University of Applied Sciences. MSW Students and RD Scholars who took part in the Summer Camp were Mr. Anil Kumar, Mr.Unmesh Mehra, Mr. Mohammad Sajid Khan, Ms. Yang Chan Dolma, and Ms.Bindu Rani, RD Scholar.

(f) Eminent speaker Justice R. S. Chauhan, Sitting Judge, Rajasthan High Court, Jaipur delivered Public Lectures on the topics 'Gender Sensitization' and 'The Indian Constitution: The Panacea for Social Problems' on April 25-26, 2013 in which students of the Department of Social Work and other members of the faculty participated.

(g) Prof. HannsWienold, delivered a Guest Lecture in the International Women's Day celebrated on March 8, 2013. Other guest speakers representing international NGOs were Mr. B.S. Bhullar, Director, EduCARE India and Miss Rachael Donovan, the Programme Coordinator of Young Women's IDEA.

(h) Prof. Dagmar Oberlies, Frankfurt University of Applied Sciences, Germany delivered a Lecture on October 10, 2012 on the theme "Diversity, Discrimination and Inclusion".

(i) Prof. M.Z. Khan, Former Head, Department of Social Work, Jamia Millia Islamia, New Delhi was invited to conduct a one-week Workshop on "Qualitative Research" and "Rating Scales & Attitude Measurement" in the Department of Social Work on April 25-29, 2011.

45. List the teaching methods adopted by the faculty for different programmes.

(a) Power-point presentations by faculty, Lectures

(b) Audio-visual methods like documentaries, films etc.

(c) Power-point presentations by students

(d) Assignments, quiz,

(e) One-minute paper

(f) Group Discussions and group presentations

(g) Students facilitated to present theme-based plays, nukkad nataks, art works, poster presentations, collage

(h) Skill Matching Workshops(SMW) for employment/professional development

(i) Listserve services for dissemination of reading materials &development news published in leading newspaper.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

(a) Mid & End Semester Examinations

(b) Comprehensive Continuous Internal Assessment

(c) Field work viva-voce

(d) Students feed-back

(e) Use of WhatsApp based monitoring of ConcurrentField Work and Block Placement Training. Google's GPRS based current location and day to day feedback is also collected from the students.

(f) Presentation of Report of Block Placement

(g) Use of internet resources for generating awareness on career opportunities and recent developments in the NGO sector.

47. Highlight the participation of students and faculty in extension activities.

(a) Organised awareness campaigns and street plays on HIV/AIDS& drug de-addiction under Red Ribbon Club in collaboration with District AIDS Programme Office, Kangra at the War Memorial, and Dharmshala on 18th Oct. 2011.

(b) Students of the department acted as "External Monitors" under the Integrated Pulse Polio Immunization Program (IPPI) conducted by WHO in different parts of Himachal Pradesh.

(c) Theme-based Street Plays on Environment Protection, Drug Addiction, Alcoholism, Leadership, Corruption, Waste Management, Public Health & Hygiene,

(d) Events on Swachh Bharat Abhiyan, Unity Day Celebration,

(e) Poster-Making Competition on the auspicious birth anniversary of Sardar Vallabhbhai Patel on 31st October 2014. The birth anniversary was observed as 'Rashtriya Ekta Diwas' on the topic of Unity, Safety & Security.

(f) Blood Donation Camps 4th Oct. 2011

(g) Organisation of important days in the field work areas viz. Women's Day, World AIDS Day,

48. Give details of "beyond syllabus scholarly activities" of the department.

(a) Eight Students participated in two students-faculty exchange programme and visited Frankfurt University, Germany.

(b) Mentoring Sessions for MSW students related to Career Guidance, Counselling, Use of Internet Resources, UGC-NET Examinations, etc.

(c) Regular SoSS Lecture Series being organised in which faculty and students attend & participate in the deliberations.

(d) Students are promoted & facilitated to organise information campaigns in field work areas and in nearby township areas through nukkad nataks (street plays),

(e) To improve research and analytical abilities students are given orientation for qualitative and quantitative data analysis using Excel & SPSS.

(f) Trained in presentation and public delivery skill development.

(g) Designing and enactment of Nnukkad Nataksas part of Swachh Bharat Abhiyan

(h) Workshops on Poster-making on Anti-Ragging Campaign, Intensive Pulse Polio Immunization Programme (IPPIP), One Billion Rising, Karate Training on the occasion of International Women's Day,

(i) Workshop on Tribal Culture of India held on 4th April 2016.

49. **State whether the programme/department is accredited/graded by other agencies? If yes, give details.**

<div align="center">NO</div>

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

(a) Initiated an ICSSR sponsored research project.

(b) Initiated MoU/LoI with three International Universities for Faculty Exchange Programmes namely Frankfurt University, Germany; Karlstad University, Sweden; and Sapienza University of Rome, Italy.

(c) The faculty is actively contributing theoretical and research-based articles in national & international journals and edited volumes.

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Strengths:

(a) Mix of Experienced & Dedicated Faculty.

(b) Active contribution to research and publications

(c) Faculty of the department are leading contributors to various Corporate Affairs of the university like -

(i) Drafting of Ordinances of the University;

(ii) Initiating efforts to enter into mous with International Universities for Faculty & Students Exchange programmes, development of joint research & publications.

(iii) Regular publication of the official newsletter of the university titled "CUHP Chronicle" for a period of three years (2012-2014)

(iv) Development of software in MS Excel titled "API Calculator" as per the latest UGC notifications of 2010 & 2013.

(v) Development of software in MS Excel for preparation of university Time-Table to optimally manage the limited space available with CUHP.

Weaknesses:

(a) Shortage of Faculty in the initial 5-year period retarded the full-fledged implementation of the field work component of the MSW programme.

(b) The Faculty lacks adequate publications in national and international journals.

(c) Non-existence of adequate NGOs for agency placement under concurrent field work

(d) Lack of transport facility for fieldwork for students and supervision by faculty adversely impacts quality of professional grooming of students.

Opportunities:

(a) Collaborative research could be planned with the Centre for Rural and Tribal Studies, Department of Sociology and Social Anthropology

(b) The region where Kangra is located has very few active NGOs; willing MSW students of department on passing out could be oriented to launch NGOs for undertaking development action programmes with professional approach.

Threats:

(a) Lack of Campus and adequate space for classrooms is a hindrance to teaching-learning process.

(b) Lack of faculty impedes the inculcation of professional attitudes and competencies in students who may find themselves wanting in the job market.

52. Future plans of the department.

(a) Development of a Field Work Manual

(b) Launching a monthly newsletter that would collate development news published in daily newspapers titled "DevNews".

(c) Fortnightly Seminar of Students & Research Scholars

(d) Developing a framework for Mentoring of students & Peer-Learning

Annexure- 1

DEPARTMENT OF SOCIAL WORK		
Post Graduate Programme (Master of Social Work)		
CORE COURSES:	**CORE COMPULSORY(Total 40 Credits)**	**Credits**
SWR 455	Social Work Profession	4
SWR 405	Basics of Research Methodology	2
SWR 406	Social Case Work	2
SWR 407	Social Group Work	4
SWR 408	Community Organisation	4
SWR 433	Social Policy and Social Welfare Administration	2
SWR 454	Social Development and Social Work	2
SWR 410	Social Action and Movements	4
Field Work		
SWR 460	Field Work Practicum-I	4
SWR 461	Field Work Practicum-II	4
SWR 501	Field Work Practicum-III	4
SWR 502	Field Work Practicum-IV	4
CORE COURSES:	**CORE OPEN (Total 12 Credits)**	
SWR 402	Contemporary Social Problem	2
PBS 401	Dynamics of Human Behaviour	2
PBS 402	Human Behaviour & Social Environment	2
SOC 401	Understanding Contemporary Society	2
SOC 403	Sociology for Social Workers	2
SOC 405	Communication for Social Change	4
SWR 451	Computer Application for Social Workers	2
SWR 453	Community Lab for Social Work	4
SWR 423	Block Placement Training	4
ELECIVE COURSES:	**ELECTIVE SPECIALIZATION(Total 16 Credits)**	
GROUP-I	**Social Work in Health and Mental Health (HMH)**	
SWR 507	Medical Social Work	2
SWR 508	Psychiatric Social work	2
SWR 444	Social Work Practice in Alcohol & Substance Abuse	2
SWR 449	Counselling Theory and Practice & Stress Coping Mechanism	2
GROUP-II	**Human Resource Development (HRD)**	
SWR 511	Social Work in Industry	2
SWR 512	Human Resource Development	2
SWR 523	Management of Non-Profit Organizations	2
SWR 448	Occupational Social Work	2
GROUP-III	**Social Work with Vulnerable People (SVP)**	

SWR 515	Social Work with Older Persons	2
SWR 517	Social Work with Weaker Sections	2
SWR 514	Integrated Child Protection Services	2
SWR 436	Social Work Practice with Differentially abled People	2
GROUP-IV	**Social Work with Families & Communities (SFC)**	
SWR 513	Social Work with Families	2
SWR 518	Social Work in Urban Communities	2
SWR 519	Social Work in Rural and Tribal Communities	2
SWR 520	Livelihoods and Development	2
ELECTIVE COURSES:	**ELECTIVE OPEN(Total 04 Credits)**	
SWR 509	Social Work with People Living with HIV/AIDS	2
SWR 521	Environment Issues and Social Work	2
SWR 499	MSW Dissertation	4
Foundation Courses:	**HUMAN MAKING(Total 04 Credits)**	
SWR 434	Social Work and Human Rights (FHM)	2
SWR 442	Geriatric Social Work Practice	2
Foundation Courses:	**SKILL DEVELOPMENT(Total 04 Credits)**	
SWR 498	Project Formulation & Report Writing	2
SWR 440	Social Work Practice in Environmental Protection	2

INTERDISCIPLINARY COURSES
Opted by MSW Students from other Disciplines/Departments

2010-12		
Semester- I		
ECN 401	Basics of Microeconomic	2
PBS 401	Dynamics of Human Behaviour	2
SOC 401	Understanding Contemporary Society	2
EEL 411	Advanced Reading and Comprehension	2
EEL 414	Advanced Oral Commutative Skills in English	2
MSO 401	Management Principles and Functions	2
CSR 401	Human Values and Ethics	2
ECN 407	Indian Economic Environment	2
MTH 410	Fundamentals of Statistics	2
Semester - II		
EEL 412	Academic Writing	2
HRM 402	Human Resource Management	2
Semester- III	No Credits from the University Wide Courses	0
Semester - IV		
HRM 513	Labour Laws	2
2011-13		
Semester- I		
ECN 401	Indian Economic Environment	2
ECN 407	Indian Economic Environment	2
PBS 401	Dynamics of Human Behaviour	2
MSO 401	Management Principles and Functions	2
SOC 401	Understanding Contemporary Society	2
CSR 401	Human Values and Ethics	2
EEL 414	Advanced Oral Commutative Skills in English	2
LIS 401	Information Literacy	2
Semester - II		
HRM 402	Human Resource Management	2
EEL 412	Academic Writing	2
Semester- III		
JCW 504	Public Relations	4
Semester – IV	No Credits from the University Wide Courses	0

2012-14		
Semester- I		
JCW 402	Development Communication	4
PBS 401	Dynamics of Human Behaviour	2
MSO 401	Management Principles and Functions	2
SOC 401	Understanding Contemporary Society	2
LIS 410	Fundamentals of Information and Communication Technology	4
EEL 414	Advanced Oral Commutative Skills in English	2
Semester- II	No Credits from the University Wide Courses	
HRM 402	Human Resource Management	2
ECN 444	Economics of Micro-Finance	2
Semester- III		
MCE 410	Social Networking	4
Semester- IV	No Credits from the University Wide Courses	
2013-15		
Semester- I		
SOC 401	Understanding Contemporary Society	2
PBS 401	Dynamics of Human Behaviour	2
EEL 414	Advanced Oral Communicative Skills in English	2
JCW 402	Development Communication	4
ENV 423	Basics of Computer Application and Statistical Techniques	2
Semester- II		
CSR 402	Corporate Social Responsibility	2
HRM 402	Human Resource Management	2
JCW 408	Media and Gender	2
MCE 410	Social Networking	4
Semester- III		
TTR 411	Education of Children for Special Needs	4
TTR 414	Education for Values and Human Rights	4
Semester - IV		
MCE 416	e-education and Learning	2
TTM 429	Security, Rescue and Disaster Management	2
2014-16		
Semester-I		
SOC 401	Understanding Contemporary Society	2
PBS 401	Dynamics of Human Behaviour	2
TTR 414	Education for Values and Human Rights	4
EDM 401	Fundamentals of Entrepreneurship	2

JCW 402	Development Communication	4
HRM 401	Organizational Behavior	2
Semester-II		
JCW 408	Media and Gender	2
Semester-III		
HRM 401 /	Human Resource Management /	2
TTM 429	Security, Rescue and Disaster Management	2
Semester-IV		
CSR 402	Corporate Social Responsibility	2
EEL 412	Academic Writing	2
TTR 454	Gender, Society & Education	4

Details of Publications since establishment of the Department of Social Work
(Period: 2010-11 to 2015-16)

Prof. ArvindAgrawal, Professor

Year	Papers Published in Journals	National / International
2015-16	1. Agrawal, A. (2015). "Globalisation of South: Rewriting the Rules of Hegemony in case of Cricket by the Indian Subcontinent" has been accepted for publication in a French Journal on **'Geographie of Games'**.	International
2015-16	2. Agrawal, A. (2015). "Issues and Challenges of Ethics in Social Research: Arvind Kumar Agrawal A Critical Sociological Analysis". **TheEastern Anthropologist.Volume : No.68 (2015) Issue No.:** 2-3 (2015)	International
2013-14	3. Agrawal, A. (2013). Book Review in **International Sociological Reviews** in Vol.28 No. 5 September, 2013 **Whose Culture Has Capital? Class, Culture, Migration and Mothering by Bin Wu, Peter Lang, Bern**	International
2012-13	4. Agrawal, A. (2012). "Globalization, Leisure and Tourism: A Critical Analysis from Third World Perspective"**TheEastern Anthropologist.**Vol.65, No. 3-4, July-December 2012, Published by Ethnographic & Folk Culture Society, Lucknow	International
2012-13	5. Agrawal, A. (2012). Book Review in the Journal **TheEastern Anthropologist,**Vol.65, No. 3-4, July-December 2012, Published by Ethnographic & Folk Culture Society, Lucknow in the book titled as "Foundations of Classical Theory: Functional, Conflict and Action" by Paramjit S. Judge.	International

Dr.Asutosh Pradhan, Associate Professor

Year	Papers Published in Journals	National / International
2012-13	1. Pradhan, A. and Ray, R. (2012). Adopting Ethnography in Field Work for Enriching Training in Social Work. **Journal of Social Work and Development Issues.** Vol.1. Udaipur: Udaipur School of Social Work. pp. 61-69. ISSN: 2279-04111.	National
Year	Articles Published as chapter in Books	
2015-16	1. Pradhan, A. (2016). Models and Phases in Advocacy. In Contemporary Methods of Social Work by Gracious Thomas. Delhi: Shipra Publications. pp.23-38(ISBN: 978-81-7541-831-8)	National
2015-16	2. Pradhan, A. (2016). Advocacy and its relation to other Methods of Social Work. In Contemporary Methods of Social Work by Gracious Thomas. Delhi: Shipra Publications. pp.39-51(ISBN: 978-81-7541-831-8)	National
2013-14	3. Pradhan, A. (2013). Strengthening Social Work Profession in India – A Social Capital Perspective. In Repositioning Social Work Education and Practice by Zubair Meenai. New Delhi: Bloomsbury India. pp-117-128. ISBN: 978-93-82951-24-7	International
2012-13	4. Pradhan, A. (2013). Stakeholders in Philanthropic Social Work: Government. Introduction to Philanthropic Social Work. Block-3, Unit-2. New Delhi: IGNOU. ISBN: 978-81-266-6368-2	National
2012-13	5. Pradhan, A. (2013). Stakeholders in Philanthropic Social Work: Non-Profit Organisations (Donor Agencies). Introduction to Philanthropic Social Work. Block-3, Unit-2. New Delhi: IGNOU. ISBN: 978-81-266-6368-2	National
2011-12	6. Pradhan, A. and Ray, R. (2012). Microcredit, Social Capital Formation and Social Work. In Professional Social Work Education: Emerging Perspectives by P.Ilango and Abraham P. Francis. Authorspress: New Delhi. pp. 127-142	National
2010-11	7. Pradhan, A.&Thomas, G. (2010). "Jainism and Social Work" in Origin and Development of Social Work in India, Edited by Gracious Thomas; pp.202-220.	National
Year	Books	National / International
2013-14	1. Pradhan, A. and Dugar, B. R. (2013). Redress Mechanisms for Victims of Domestic Violence. New Delhi: Regal Publications. ISBN: 978-81-8484-349-1	National

Ms.Ambreen Jamali, Assistant Professor

Year	Papers Published in Journals	National / International
2011-12	1. Jamali, A. (2011). "Leading towards Sustainable Women Empowerment in 21st Century (through micro finance): A Rhetoric Reality" in **Journal for Research in Social Science and Linguistics** 2/2011/vol-2.(ISSN 2249-2984)	National
	2. Jamali, A. and Ahmad, F. (2015). A review of Traditional practices regarding exclusive breast feeding: recommendations and suggestions. In Care for young children: health, Nutrition and Protection, edited by Zubair Meenai(Executive editor) and Neelima Chopra (editor). New Delhi. Chapter 7. ISBN: 978-93-80570-98-3.	International

Mr.Shabab Ahmad, Assistant Professor

Year	Papers Published in Journals	National / International
2013-14	1. Ahmad, S. (2014). A study on Urban Licensing: Policies, Reform, and Outcome – A review. **International Journal for Social Development.** Apr-Jun 2014. Ranchi: Institute for Social Development and Research. ISSN 2320-9283	International
2011-12	2. Ahmad, S. (2011). Education System: Innovative Approaches. In Innovations in Education (Ed.) by Sunita Singh and Lalima. New Delhi: APH Publishing Corporation. pp.53.	National

Mr.UpmeshTalwar, Assistant Professor (Left in 2012)

Year	Papers Published in Journals	National / International
2011	1. Talwar, Upmesh K., Verma, A. N. and Singh, R. (2011). "Co-Dependency and Marital Adjustment in Depression" **Delhi Psychiatric Journal**, Vol.14(1), 110-115.	National
2010	2. Talwar, Upmesh K. (2010). "Role of Yogic Exercises in Bipolar Affective Disorder and Schizophrenia". **Delhi Psychiatric Journal**, Vol.13(1), 117-122.	National

Year	Articles Published as Chapter in Books	National / International
2011	3. Talwar, Upmesh K. and Singh, R. (2011). Dementia and Epilepsy: Some Socio-Cultural and Legal Aspects of Neurological Rehabilitation. In **Recent Advances in Neurological Rehabilitation** by Vibha Sharma.	National

Department of Social Work
List of Dissertation Topics
MSW 2014-16 Batch

Sr. No.	Roll No.	Name of Student	TOPIC
1.	CUHP14MSW01	Abhimanyu Kapoor	A Study on Problems Faced by Parents of Children with Special Needs: Impact of Disability in Family Life
2.	CUHP14MSW03	Ankit Sharma	Smart Cities and Social Inclusion: A Study in the Context of Slum Habitations in the City of Dharamshala
3.	CUHP14MSW04	Ankush Kumar	A Study on the Changing Social Status of the Gaddi Tribes of Village Gorda
4.	CUHP14MSW06	Disha Dixit	A Study on the Impact of of Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) on Rural Livelihood in Jadrangal Village
5.	CUHP14MSW08	Fahad Ahmad	A Review of Prevailing Practices Exclusive Breast-Feeding: Recommendations & Suggestions
6.	CUHP14MSW09	Hamid Abdullah	A Study on Development of the ST Class through Higher Education in Kangra District, Himachal Pradesh
7.	CUHP14MSW10	Javed Usmani	A Study on Street Vendors in Shahpur, District Kangra, Himachal Pradesh
8.	CUHP14MSW11	Jyotsana	A Study on Types, Causes and Nature of Domestic Violence: A Social Work Intervention in Dharamshala
9.	CUHP14MSW12	Karneshwar Singh Pathania	Roles and Responsibilities of Anganwadi Workers in Integrated Child Development Services (ICDS)
10.	CUHP14MSW13	Madho Ram	A Study on Social Support Systems of Elderly People in Chamba and Kangra Districts
11.	CUHP14MSW14	Mohammad Mujeeb	A Study on Street Vendors of McLeodganj, District Kangra, Himachal Pradesh
12.	CUHP14MSW15	Mohammad Nazir	A Study on Street Vendors in Kangra Town, District Kangra, Himachal Pradesh
13.	CUHP14MSW16	Mohd Yousuf	A Study on Street Vendors in Gagal, District Kangra, Himachal Pradesh
14.	CUHP14MSW17	Munish Kumar	A Study on Health, Hygiene and Sanitation of Gagal and Sahora Village in Kangra District of Himachal Pradesh
15.	CUHP14MSW18	Nabeel Aslam	A Study Status of Elderly People in Kangra District, Himachal Pradesh
16.	CUHP14MSW19	Neha Sharma	A Study on Street Vendors in Dharamshala, District Kangra, Himachal Pradesh
17.	CUHP14MSW20	Nitish Pathania	A Study on School Drop-Outs in Shahpur Tehsil, Kangra (H.P.)
18.	CUHP14MSW21	Pankaj Kumar	A Study on Gender Sensitivity Among Students of

			Central University of Himachal Pradesh
19.	CUHP14MSW22	Pappu Kumar	A Study on Children Growing-up in a Violent Family
20.	CUHP14MSW23	Parul	Awareness and knowledge on Reproductive Health and Hygiene among Adolscent Girls: A Study on Girls from Slums and those who are Residents of Dharamshala Sub-urbs
21.	CUHP14MSW24	Rahul Gill	Awareness and Attitude of People Towards Swachh Bharat Abhiyan
22.	CUHP14MSW26	Reena Kumari	A Study on the Impact of Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) on Rural Livelihood in Bhuana Village
23.	CUHP14MSW27	Rishabh Sharma	Knowledge, Attitude and Practices regarding Mid-Day Meal Programme among Parents
24.	CUHP14MSW28	Shivani Rana	A Study on Gender Disparity in Families of Shahpur, District Kangra, Himachal Pradesh
25.	CUHP14MSW29	Shruti Verma	A Comparative Study of Health Awareness Among Lactating Mothers in Slum & Non-Slum Habitations of Dharamshala Region
26.	CUHP14MSW30	Tarunvir Wasan	Creating a Smart City: Stakeholder Participation in Waste Management
27.	CUHP12MSW02	Ajit Chambial	Awareness of Sexual Abuse Among Adolescent Girls

Department of
Teacher Education

1. **Name of the Department**: Department of Teacher Education

A brief Introduction of the School

The School of Education envisages to be a world leader in preparing professionals who will provide exemplary leadership in educational arena to transform lives of individuals following cultural trajectory from vyashti (individual) to samashti (collective/societal) to shrushti (nature/cosmos) culminating in parameshti (Ultimate/Supreme Consciousness), in a changing and complex global society (Vasudhaiva kutumbakam), and thus establishing Education as an intellectual discipline having its own territory with sound theoretical understanding deeply rooted in global as well as Indian socio-cultural ethos.

The mission of the School of Education is to help prepare outstanding Educators in general and Teacher Educators in particular and education researchers in various disciplines to advance the profession of education through active and innovative research related to science and art of epistemology and the pedagogy and management of education. It will ensure effective use of Information Communication Technology in research analysis and development of leadership and educational policy. The School seeks to be inter-disciplinary by taking up research in science education, mathematics education, environment education and social science and management education.

2. **Year of establishment** : 2012
3. **Is the Department part of a School/Faculty of the university?** Yes
4. **Names of programmes offered**
    i. Master of Education
    ii. PhD in Education

Note:

Students are admitted in RD Programme wherein they have the option to opt for MPhil or PhD.

5. **Interdisciplinary programmes and departments involved**

As University has adopted Multidisciplinary **Choice Based Credit System** so the following departments have been involved in PG and PhD Programmes;

1. Department of Earth and Environment Sciences
2. Department of Physics & Astronomical sciences
3. Department of Economics & Public Policy
4. Department of Social Work
5. Department of Mass Communication & Electronic Media
6. Department of Tourism and Travel Management
7. Department of English & European Languages
8. Department of Library & Information Science
9. Department of Computer Sciences & Informatics

10. Department of Computational Biology

11. Department of Mathematics

12. Department of Accounting & Finance

13. Department of Journalism and Creative Writing

➢ List of Core Open, Elective Specialization, Elective Open, Foundation: Human Making & Skill Development

Core Courses: Core Open Courses (Group I)	
TTR 499	Dissertation
TTR 498	Viva Voce
TTR 423	Field Work Practicum – I
TTR 424	Field Work Practicum – II
TTR 612	Curriculum Development
Core Courses: Core Open Courses (Group II)	
TTR 616	Historical Perspectives of Education in India
TTR 452	Culture, Cognition and Education
TTR 602	Development and Standardization of Research Tools
TTR 603	Politics & Economics of Education
Elective Courses:	
*Note: Specialization shall only be offered if minimum **five** students have opted it.*	
Elective Courses: Elective Specialization I	
TTR 408	Educational Technology
TTR 461	OER Policy in Education
TTR 462	E- Content and Techno pedagogy
TTR 421	Educational Measurement & Evaluation
TTR 412	ICT in Education
Elective Courses: Elective Specialization II	
TTR 411	Education of Children with Special Needs
TTR 427	Inclusive Education: Equity & Diversity
TTR 440	Guidance and Counselling
TTR 437	Disability Studies and Education
TTR 450	Education for Mental health
Elective Courses: Elective Open III	
TTR 426	Indian Educational Thought
TTR 442	Human Development & Education
TTR 504	Research Report Writing
TTR 413	Action Research in Education
TTR 456	Peace Education
TTR 409	Education in the Emerging Indian Society
Foundation Course: Human Making	
TTR 458	Mental Health: Issues and Concerns
Foundation Course: Skill Development	
TTR 459	Life Skills

> **Students from various departments of CUHP were opted the courses offered by Department of Teacher Education.**

Academic Year	Programme Offered	Students enrolled from other departments (**PG** Programme)	Students enrolled from other departments (**RD** Programme)
2013-14	TTR 504 TTR 602	MBA, ENV	TTR 504 (RD Course Work) TTR 602 (RD Course Work)
2014-15	TTR 436 TTR411 TTR 415	ENV ENV Hindi	TTR 602 (RD Course Work) MSO 608 (RD Course Work)
2015-16	TTR 436 TTR 454	CBB English, Maths, IT, CBB, ENV	-

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
   > Not Yet
7. **Details of programmes discontinued, if any, with reasons**
   > Nil
8. **Examination System:**
   - School has introduced Semester System and Comprehensive Choice Based Credit System since its inception.
   - Based on the University's Ordinances, the School has comprehensive assessment and evaluation system which has three components:
     a. Internal Assessment (25%): Based on the criteria clearly mentioned in the course contents. These criteria include − class participation, quiz, case studies, group discussions, role plays, debates, live projects, field surveys, students' seminars and presentations, teacher facilitated discussions and symposia, written assignments and MOOCs
     b. Mid Term Examination (25%)
     c. End Term Examination (50%)

9. **Participation of the department in the courses offered by other departments**

   > Dr. Manoj Kumar Saxena has engaged the Paper offered by school of Social science MSWR 405 for the students of MBA batch 2013.

   > Dr. Navneet Sharma has engaged the Paper offered by school of Social science MSO 608- Qualitative Research for the RD Course Work, Spring

Semester 2015

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	03	00	00
Associate Professors	05	01	01
Assistant Professors	12	04	04
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	Years of Experience	No. of Ph.D. / M.Phil. students guided for the last 4 years
Dr. Manoj Kumar Saxena	M.Com., Applied M.Ed., Ph.D. (Education)	Associate Professor, Dean, School of Education, Head Department of Teacher Education	Educational Technology, Educational Measurement & Evaluation, Entrepreneurial Education, ICT in Education , Tribal Education, Environmental Education	18	4- PhD. (Edn.) 3- M. Phil (Edn.) Total- 7
Dr. Navneet Sharma	MA(Philosophy), M.Ed, MPhil., Ph.D. (Education)	Assistant Professor	Philosophy of Education, Educational Theory, Social Science Education, Dalit and Women Education, Research methodology	02	-
Dr. Anu G S	MSc.(Physics); M.Ed.; Ph.D. (Education),	Assistant Professor	Educational Psychology, Science Education,	02	-

	P.D.F.(Education)		Peace Education, Life Skills, Emotional Intelligence		
Ms.Prakrati Bhargava	M.Sc. (Biotechnology), M.Ed., M.Phil(Education)	Assistant Professor	History of Education	02	-
Ms.Renu Bhandari	M.ScHons. (Zoology),M.Ed,	Assistant Professor	Science Education & Pedagogy;	02	-

12. **List of Visiting/Invited Faculty from Educational Institutions and Industry**

> Prof. Krishna Kumar, Delhi University (Adjunct Faculty- From 2012 to 2014)

13. **Percentage of classes taken by temporary faculty – programme-wise information**
No temporary faculty is there in the department

14. **Programme-wise Student Teacher Ratio**

Programme	Total number of students enrolled	Student Teacher Ratio
M.A. Education 2013-15 batch 2014 – 16 batch 2015-17 batch	5 1 5	1: 1 1: 5 1: 1
Ph.D.	**7**	2:1

15. Number of academic support staff (technical) and administrative staff: sanctioned,

filled and actual

Data Entry Operator- 01, Office Attendant- 01
(On outsourcing basis)

16. Research thrust areas as recognized by major funding agencies
> Tribal Education, ICT in Education

Faculty	Research thrust areas
Dr. Manoj Kumar Saxena	Educational Technology, Educational Measurement & Evaluation, Entrepreneurial Education, ICT in Education , Tribal Education, Environmental Education
Dr. Navneet Sharma	Philosophy of Education, Educational Theory, Social Science

	Education, Dalit and Women Education
Dr. Anu G S	Educational Psychology, Science Education, Peace Education, Life Skills, Emotional Intelligence
Ms.Prakrati Bhargava	History of Education, Development of Science and Technology in Colonial India
Ms.Renu Bhandari	Science Education & Pedagogy;Educational Psychology & Child Pedagogy.

17. Number of faculty with ongoing projects

> Dr. Manoj Kumar Saxena- 3

Faculty	Title of the Project	Status	Name of the funding agency	National/International	Grants Received
Dr. Manoj Kumar Saxena	Educational Status of Scheduled Tribes: Attainments & Challenges	Completed &State report submitted to ICSSR	ICSSR	**National**	In collaboration with Doon University, Dehradoon.
Dr. Manoj Kumar Saxena	ICT Integrated Teacher Education for DIET Teacher Educators of Himachal Pradesh	Completed	CEMCA	**National**	Rs. 2,24,000/- &
Dr. Manoj Kumar Saxena	Development of OER Policy for CUHP	Completed	CEMCA	**National**	Rs. 21, 500/-
Dr. Manoj Kumar Saxena	Social and Educational Problems of Scheduled Tribes: A Study of Chamba District of Himachal Pradesh	On going	ICSSR	National	Rs. 10,00,000/-

18. Inter-institutional collaborative projects and associated grants received

Collaborative work with Doon University, Dehradoon

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Total grants Received Rs. 12,45,500/-

20. **Research facility / centre with**

- ➤ E-resources
- ➤ E-journals

21. **Special research laboratories sponsored by / created by industry or corporate bodies**

Not Available at present

22. **Publications:**

- ➤ **Total Paper Published- 25**

Sl. No.	Title of the paper	Name of the Journal with ISBN	Issue/Vol./pp	others
A. Dr. Manoj Kumar Saxena				
1.	Effectiveness of Traditional and ICT Enabled Teaching Methods at B.Ed. Level	International Journal of Information Dissemination and Technology ISBN 2229-5984	Vol. 5, Issue 2, April – June, 2015 pp. 75 – 79	Global *Impact Factor – 0.510, IC Value – 5.66,*
2.	Computer Phobia: A Survey among Prospective Teachers☐	*Learning Community (An International Journal of Educational & Social Development*	Vol. 5, No. 2, August and December, 2014. pp.171 – 178.	
3.	E-waste Awareness, Generation, Strategies and Programmes: A Review	International Journal of Education for Human Services	Vol. 4, No.2, June,2014 pp 1 – 9.	
4.	A Study of Research Scholars' Attitude towards Computer Use	International Journal of Multidisciplinary Educational Research	Vol. 3, Issue 5(3), May, 2014. *pp. 291 - 306.*	*Impact Factor – 2.735, IC Value – 5.16,*

5	A Study of Computer Knowledge among Prospective Teachers,	Journal of Educational Thoughts	Vol.1, No. 1, March, 2014 pp. 136 – 141.	
6	A Study of Computer Anxiety among Prospective Teachers	International Journal of Multidisciplinary Educational Research	Vol. 3, Issue 3(3), March, 2014*pp. 93 – 102.*	*Impact Factor – 2.735, IC Value – 5.16,*
7	A Comparative Study of Effectiveness of Online and Traditional Learning at Secondary Level.	International Journal of Multidisciplinary Educational Research (ISSN: 2277 – 7881	), Vol. 2, Issue 8, July, 2013. pp. 10 – 19	
8	A Study of Availability of ICT Equipments in Teacher Education Institutions and ICT Functional Ability among Teacher Educators,	International Journal of Education for Human Services (ISSN: 0976 – 1128)	Vol. 3, No. 2, June,2013. pp. 115 – 120.	
9	A Comparative Study of Effectiveness of Online and Traditional Learning at Secondary Level	Scholarly Research Journal for Interdisciplinary Studies (ISSN: 2319 – 4766)	Vol. 1, Issue 4, April – June, pp. 244 – 250.	
10	ICT in Education: Reviews of Some Related Topics	*BRICS Journal of Educational Research,*	Vol.3, Issue 2, April – June, 2013. pp. 105 – 111.	
11	Strategic Planning for Improvement in Teacher Education (With Special Reference to ICT)	Journal of Education & Development	Vol. 3, No. 5, June, 2013. pp. 292 – 296.	
12	Enhancing Quality in Teacher Education,	*International Journal of Education for Human Services,*	Vol. 3, No. 1, December, 2012. pp. 1-5.	

13	A Comparative Study Of Emotional Intelligence Of Undergraduate Students,	Scholarly Research Journal for Interdisciplinary Studies (Education Issue),	Vol I, Issue I, July, 2012	
B. Dr. Navneet Sharma				
14	*Connect Exchange Programs: A Critical Component in Media Studies for Indian Media Schools*	Journal of Educational Technology Development and Exchange	7 (1), 33-48, 2014	
15	*Media Anthropology: an emerging discipline in India*	Loyola Journal of Social Sciences,	29 (1), 7-25, 2015	
16	*Genesis and Dissemination: Some thoughts concerning Journalism as Knowledge*	Journalism Education	4 (1): 91-97., 2015	(Association for Journalism Education, UK - Liverpool John Moores University, Liverpool)
17	*The Akhand Hindu Rashtra: Micro World Macro Nationalism*	Mainstream, ISSN 0542-1462	53: (28), July 06, 2015,	
18	*Beef, Buffalo and Brahmininism: The Politics of Food*	*Mainstream,* ISSN 0542-1462	VOL LIII, No 18, April 25, 2015,	
19	*Vedic Science: The Hue of Saffron Ideology*	Mainstream, ISSN 0542-1462	Vol LIII, No 14, March 28, 2015,	
20	*BetiBachao: Patients' Envy Doctors' Pride*	Mainstream, ISSN 0542-1462	Vol LIII, No 11, March 7, 2015,	

21	*DhirendraBrahmachari to Rampal: Murky Babadom, Murkier Politics*	Mainstream,ISSN 0542-1462	VolLiii No 1, December 27, 2014 - Annual Number,	
22	*Neither Love Nor Jihad: The Politics of Hate-Mongering*	Mainstream,ISSN 0542-1462	VolLii, No 45, Sunday 2 November 2014	
23	*Cows, Candles and the AkhandRashtra: Being DinanathBatra*	Mainstream,ISSN 0542-1462	VolLii, No 41, October 4, 2014	
24	*From Azad to Irani: Road Traversed by Human Resource Development Ministry*	Mainstream, ISSN 0542-1462	VolLii, No 28, July 5, 2014	
25	*Converging Brand into Charisma: The Making and Rise of NarendraModi*	Mainstream, ISSN 0542-1462	Vol 52, No 21, May 17, 2014,	

Chapters in Books
  ➢ **Book Chapters- 03**

Sl. No.	Title of the Chapter	Name of the Book	Publisher	others
	A. Dr. Manoj Kumar Saxena			
1.	A Study on E-waste Awareness in Higher Educational Institutes of Kangra Region: A Case Study in Yadav& Singh (Ed.)	*Environmental Issues for Socio Ecological Development*	Excel India Publishers, New Delhi pp. 35 – 41.	
2	E-Waste: What STEP Reveals – India and World, in Gihar& Saxena (Ed.)	*Environmental Protection and Sustainable Development*	Anamika Publishers and Distributors, New Delhi pp. 55 – 64.	
	B. Dr. Navneet Sharma:			
3.	*Indoctrination and Education: The curious case of*	in Sufism and Indian Spiritual	New Delhi Publishers,	

DinanathBatra	Traditions: An Educational Perspective, (Ed.) M S Siddiqui	ISBN: 978-81-85503-06-6	

Books with ISBN with details of publishers
> **Books- 01**

Sl. No.	Title of the Book	Publisher	ISBN	others
A. Dr. Manoj Kumar Saxena				
1.	*Environmental Protection and Sustainable Development*	Anamika Publishers and Distributors, New Delhi	ISBN: 978-81-7975-654-6	-

23. Details of patents and income generated

Nil

24. Areas of consultancy and income generated

> Consultancy was provided to the neighbouring Teacher Education colleges on free basis

25. Faculty selected nationally / internationally to visit other laboratories / institutions/industries in India and abroad

Name of faculty	Visited
Dr. Manoj Kumar Saxena	National Council for Teacher Education (NCTE) National Institute of Open School (NIOS) and University Grants Commission (UGC)
Dr. Navneet Sharma	Tata Institute of Social Science (TISS)

26. Faculty serving in National committees b) International committees c) Editorial Boards d) any other (please specify)

Name of faculty	Served in International committees/ Editorial Boards/ any other (please specify)
Dr. Manoj Kumar Saxena	NIOS, NCERT and CEMCA

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

   ➢ Orientation Programme- 03
   ➢ Refresher Course- 01
   ➢ Faculty Development Programme- 01

Name of the Faculty	Programme	Duration	Institution
Dr. Manoj K. Saxena:	Co-Course Director of the ICSSR sponsored Faculty Development Programme	09-12-2013 to 22-12-2013	Central University of Himachal Pradesh
Dr. Navneet Sharma:	Orientation Programme	03-06-2015 to 30-06-2015	Goa University
Dr. Anu G S	Orientation Programme	01-01-2014 to 28-01-2014	University of Kerala
	Refresher Course	03-02-2015 to 23-02-2015	University of Kerala
Ms.Renu Bhandari	Orientation Programme	01-12-2014 to 28-12-2014	Panjabi University Patiala

28. **Student projects:**

   a. Percentage of students who have done in-house projects including inter-departmental projects - 100%
      ➢ M.A. Dissertation Submitted: All 5 students 2013-15 batch

Name of the Student	Title of Dissertation	Supervised by
AnjanaKumari CUHP13MAEDU01	The Problem of Child Labour and Right to Education Act, 2009: Issues and Challenges In Indian Education System	Ms.Prakrati Bhargava
Anjana Devi CUHP13MAEDU02	Reservation and Media	Dr. Navneet Sharma
Diksha Sharma CUHP13MAEDU03	Examination Anxiety among Higher Secondary School Student of Kangra District of Himachal Pradesh	Dr. Anu G S
Shifali CUHP13MAEDU04	A Study of Computer Anxiety among Prospective Teachers	Dr. Manoj K. Saxena
Sonika CUHP13MAEDU05	A Study of Girls Education with Special Reference to Kasturba Gandhi BalikaVidyalaya	Ms.Renu Bhandari

   b. percentage of students doing projects in collaboration with other universities industry

      / institute

Nill

29. **Awards / recognitions received at the national and international level by**

➢ Lecture Delivered by Faculty: 26

	Dr. Manoj Kumar Saxena
1	Delivered a *Lecture as Resource Person* on ―**Methods & Tools of Data Collection**: Primary & Secondary - Questionnaire, Types and Formats in Research Methodology Course in Social Sciences, organized by CUHP, Dharamshala& ICSSR, New Delhi on August 26, 2015
2	Delivered a *Lecture as Resource Person* on ―**Methods & Tools of Data Collection**: Schedule, Interview and Observation□ in Research Methodology Course in Social Sciences, organized by CUHP, Dharamshala& ICSSR, New Delhi on August 26, 2015
3	Delivered *Valedictory Address* in National Seminar on Inclusive Education and Right to Education (RTE) 2009: Challenges & Opportunities, GianJyoti Institute of Bachelor Education, Kangra (HP) April 4, 2015.
4	Delivered a *Lecture as Resource Person* on ―Interview & Observation as Data Collection Tools□ in Research Methodology Course in Social Sciences, organized by CUHP, Dharamshala& ICSSR, New Delhi on March 25, 2015
5	Delivered a *Lecture as Resource Person* on ―Questionnaire Construction□ in Research Methodology Course in Social Sciences, organized by CUHP, Dharamshala& ICSSR, New Delhi on March 19, 2015
6	Delivered *Valedictory Address* in International Conference on Redefining Literacy in the Emerging Digital Society, Bhutta College of Education, Ludhiana (Punjab) sponsored by College Development Council, Punjab University, Chandigrah in collaboration with World Punjabi Council, Toronto and Confederation College, Ontario, Canada, February 5 – 6, 2015.
7	Chaired a *Technical Session on the theme "E-Education"* in International Conference on Redefining Literacy in the Emerging Digital Society, Bhutta College of Education, Ludhiana (Punjab) sponsored by College Development Council, Punjab University, Chandigrah in collaboration with World Punjabi Council, Toronto and Confederation College, Ontario, Canada, February 5 – 6, 2015.
8	Delivered *Key Note Address* in National Seminar on ―Modern Trends in Education: Issues and Challanges□ Organized by Jakir Hossain B.Ed. College, Miyapur, Murshidabad (West Bengal), November, 15, 2014.
9	Delivered a *Lecture as Resource Person* on ―Identification of Research Problem□ in Research Methodology Course in Social Sciences, organized by Government Mira Girls College, Udaipur (Rajasthan) & ICSSR, New Delhi on March 26, 2014
10	Delivered a *Lecture as Resource Person* on ―Questionnaire: A Research Instrument for Data Collection□ in Research Methodology Course in Social Sciences, organized by Government Mira Girls College, Udaipur (Rajasthan) & ICSSR, New Delhi on March 26, 2014
11	Delivered a *Lecture as Resource Person* on ―Attitude Scale: Construction & Standardization Procedure□ in Research Methodology Course in Social Sciences,

	organized by Government Mira Girls College, Udaipur (Rajasthan) & ICSSR, New Delhi on March 27, 2014
12	Chaired a Technical Session in National Seminar on ―ICT in Teacher Education: Need of the Hour☐ Organized by Gaur Brahman College of Education, Rohtak (Haryana) Sponsored by Director of Higher Education, Haryana, March, 22, 2014
13	Delivered a *Lecture as Resource Person* on ―Standardization of Research Tool☐ in Research Methodology Course in Social Sciences, organized by CUHP, Dharamshala& ICSSR, New Delhi on November 20, 2013
14	Delivered a *Lecture as Resource Person* on ―Development and Construction of Research Tool☐ in Research Methodology Course in Social Sciences, organized by CUHP, Dharamshala& ICSSR, New Delhi on November 16, 2013
15	*Chaired IIIrd Technical Session (Education Stream)* in National Seminar on Consumerism and Socio – Economic Development in India, Organized by SS (PG) College, Shajhanpur (UP) Sponsored by Indian Institute of Public Administration on 09th November, 2013.
16	Delivered two *Lectures* on Teaching Pedagogy in Two Weeks Induction Training for College Teachers of Himachal Pradesh (IT – 5) on 27th August, 2013, Government College of Teacher Education, Dharamshala (HP).
17	Delivered a *Lecture as Resource Person* on Standardization of Questionnaire in Research Methodology Course in Social Sciences, organized by CUHP, Dharamshala& ICSSR, New Delhi on May 29, 2013.
18	Delivered a *Lecture as Resource Person* on Construction of Questionnaire in Research Methodology Course in Social Sciences, organized by CUHP, Dharamshala& ICSSR, New Delhi on May 21, 2013.
19	Delivered *Key Lecture* in a Technical Session of National Seminar on Education and Rehabilitation of Children with Special Needs, Organized by Center for Disability Studies, FEAS, MJP Rohilkhand University, Bareilly (UP) on March 22, 2013.
20	Delivered a *Lecture* on Methods of Teaching Commerce in One Week In Service Teachers' Training Programme for School Lecturers/PGTs Commerce of Himachal Pradesh on 6th March, 2013, Government College of Teacher Education, Dharamshala (HP).
21	*Chaired a Technical Session* in NAAC Sponsored National Seminar on Accreditation of Academic Institutions – Need of The Hour, Organized by Dronacharya College of Education, on February 15, 2013.
22	Acted as *Resource Person* in Training Programme for Research Investigators of Uttarakhand State under All India Study on ―Educational Status of Scheduled Castes and Scheduled Tribes: Attainments & Challenges☐ sponsored by Indian Council for Social Sciences Research (ICSSR), New Delhi, Centre for Public Policy, Doon University, Dehradun (Uttarakhand) during January 11 – 13, 2013
23	*Conducted workshop* on Action Research in Two Weeks Induction Training Programme for College Teachers of Himachal Pradesh (IST – 2) on 8th September, 2012, Government College of Teacher Education, Dharamshala (HP)
24	Delivered *Expert Lecture* on ―Effective Teaching Skills☐ in the workshop conducted

	by Regional Centre (AMBALA), Punjab Technical University, Jalandhar (Punjab) for its Lecturers and Heads of Learning Centers, August 12, 2012.				
25	Delivered a *Lecture* on Teaching Pedagogy in One Week Training Programme for College Teachers OF Himachal Pradesh (IST – 2) on 26th April, 2012, Government College of Teacher Education, Dharamshala (HP).				
26	Delivered a *Lecture* on Teaching Pedagogy in One Week Training Programme for College Teachers of Himachal Pradesh (IST – 1) on 17th April, 2012, Government College of Teacher Education, Dharamshala (HP).				

Membership of Academic and Professional Bodies held by Faculty Members

Sr. No.	Name of the Faculty	Name of Body	National/ International	Role if any	Editorial Board
1.	**Dr. Manoj Kumar Saxena**	1. Member of SITU Council of Education, Chennai	National	Life Membership	---
		2. Member of All India Association of Educational Research	National	Life Membership	
		3. Member of Council for Teacher Education	National	Life Member	
		4. Member of All India Association for Teacher Education	National	Member	
		5. Member of Indian Association of Teacher Educators	National	Life Member	
2	**Dr.Anu G S**	1. Council for Teacher Education	National	Life Member	---
		2. Member of International Association of Educators for World Peace	Inter National	Life Member	

30. **Seminars/ Conferences/Workshops organized and the source of funding (national**
  i. **International) with details of outstanding participants, if any.**

Sr. No	Title of the Seminars/ Conferences/ workshop	National/ International	Date/Year	No. of Days	Sponsoring agency
1.	Workshop on Analysis of data Using Computers	National	21-11-12 to 23-11-12	4	CUHP
2.	Workshop on Research Methodology in Social Sciences	National	12-11-2013 to 21-11-2013	10	ICSSR
3.	Workshop on National Repository of Open Educational Resources (NROER)	National	28th & 29th Nov. 2014	2	CUHP and NCERT
4.	Workshop on Writing Research Paper	National	18th & 19th Dec. 2014	2	CUHP
5.	Workshop on Good Parenting	National	14-03-2015	1	CUHP
6.	Workshop on ICT integrated Teacher Education for teachers of DIET's in H.P.	National	15th to 17th April 2015	3	CEMCA
7.	Workshop on Development of OER policy for CUHP	National	01-09-2015	1	CEMCA

31. **Code of ethics for research followed by the departments :**

- ➢ Research Colloquium every week,
- ➢ Paper/Article writing workshops,
- ➢ Seminars and conferences &
- ➢ Research Methodology workshops

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A. Education	2011- 65 2012- 41 2013- 57 2014- 48 2015- 76	1	5	0	5
Ph.D. Education	2011- 230 2012- No entry 2013- 83 2014- 78	4	3		

33.   Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.A. Education 2013-15 batch 2014 – 16 batch 2015-17 batch	0 0 0	100 100 80	0 0 20	- - -
Ph.D. Education 2012 Admission 2014 Admission	 0 0	 80 50	20 50	 - -

34.   How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

   ➢ UGC- JRF- 05 students

➢ UGC- NET- 02 students

Name of Research Student	NET/JRF
Mr. Sanjay Kumar,	SRF- UGC
Mrs.PriyankaVerma	SRF- UGC
Mrs.Dhara Hans,	SRF- UGC
Mr.Swarn Singh,	JRF- UGC
Mr.KalpanathSaroj,	JRF- UGC
Mr. Ravi Raj	NET- ICSSR Fellow
Mrs.RajniBala	NET- ICSSR Fellow

35. **Student progression :**
   ➢ NA

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed ☐ Campus selection ☐ Other than campus recruitment	
Entrepreneurs	

36. **Diversity of staff**

Percentage of faculty who are graduates
of same university-**Nil**
From other universities within State-**01** from
universities from other States - **04**
universities outside country- **Nil**

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :**

   ➢ 01 (Dr. NavneetSharma , Ph. D.)

38. **Present details of departmental infrastructural facilities with regard to**

   ➢ Library –

   **925 Book titles &
   1500 total Books on Education**

   ➢ Internet facilities for staff and students:**Yes Available**

   ➢ Total number of class rooms - Available as per requirement

   ➢ Class rooms with ICT facility – All classroom

   ➢ Students' laboratories - Available

   ➢ Research laboratories- Available

39. **List of doctoral, post-doctoral students and Research Associates :**

   a) from the host institution/universiy

Name of Student	NET/JRF
Mr. Sanjay Kumar,	SRF- UGC
Mrs.PriyankaVerma	SRF- UGC
Mrs.Dhara Hans,	SRF- UGC
Mr.Swarn Singh,	JRF- UGC
Mr.KalpanathSaroj,	JRF- UGC
Mr. Ravi Raj	NET- ICSSR Fellow
Mrs.RajniBala	NET- ICSSR Fellow

   b) from other institutions/universities

Name of Student	Fellowship
Dr. Rashmita Ray	Post- doctoral fellow with Dr. Manoj Kumar Saxena

40. **Number of post graduate students getting financial assistance from the university:**

   ➢ M.A. Education - 01

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**
   ➢ In view of the vision of the NPE, NKC, UGC Regulations, need of the society, CDC exercise, brain storming session

42. **Does the department obtain feedback from**

   a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does

the department utilize the feedback?

> ➤ Course Content developed by the faculty needs approval from the Department level meetings, Board of Studies and School Board of the School of Education.

   b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

> ➤ At the end of each semester the students evaluate the effectiveness of the curriculum by giving their constructive feedback.

   c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

43. List the distinguished alumni of the department (maximum 10)

Five students of the first batch of the school of Education have successfully completed their degree and working in various private school ofn the state Himachal Pradesh

44. Give details of student enrichment programmes (Special lectures / workshops / seminar) involving external experts

Sl.N.	Name & Address	Topic	Date
2013			
1	Prof. Krishan Kumar, Dept. of Education (CIE) University of Delhi, New Delhi	Education in India	May 31, 2013
2	Prof. Rama Mathew, Dept. of Education (CIE) University of Delhi, New Delhi	Issues in Higher Education	September 7, 2013
2014			
3	Prof. Avinash Kumar Singh, NUEPA, New Delhi	Equity Issues in Policy Making in Education	January 22, 2014
4	Prof. Avinash Kumar Singh, NUEPA, New Delhi	Education of the Disadvantaged	January 22, 2014
5	Dr. Ajit Kumar Jha, Editor, Indian Express, New Delhi	In pursuit of Saraswati: The Indian economic turnaround can only come about a total revolution in education	May 21, 2014
6	Dr. Ajit Kumar Jha, Editor, Indian Express, New Delhi	The analytical links between literacy and political turnout: Why the BIMARU states are fast catching up with the south	May 22, 2014
6	Dr. Ajit Kumar Jha, Editor, Indian Express, New Delhi	Story writing and Creative writing	May 23, 2014
7	Dr. Yashpaul Sharma, CIET, NCERT, New Delhi	National Repository of Open Educational Resources	November 28, 2014

8	Prof. Amrendara P. Behera, CIET, NCERT, New Delhi	A presentation on creation of E-Resources and Models for E-Resources Development	November 28, 2014
9	Prof. Amrendara P. Behera, CIET, NCERT, New Delhi	Digitization and uploading of resources on NRO ER in Computer lab	November 29, 2014
10	Prof. Amrendara P. Behera, CIET, NCERT, New Delhi	Creation and Evaluation of e-contents	November 29,2014
2015			
11	Prof. Avinash Kumar Singh, NUEPA, New Delhi	Empowerment of the Disadvantaged through Education: Policies & Practices	February 23, 2015
12	Prof. Pradeep Kumar Mishra, Head & Dean Faculty of Education, CCS University, Meerut (UP)	Open Educational Resources	March 20, 2015
2016			
13	Prof. SujataRaghuvansh, Faculty of Education University of Allahabad, Allahabad	Qualitative Educational Research	May 24, 2016
14	Prof. Amit Kauts Head & Dean Faculty of Education, Guru Nanakdev University, Amritsar	Progressive Development of Teachers	June 15, 2016

45. **List the teaching methods adopted by the faculty for different programmes.**
   - ➢ Lecture cum demonstration method,
   - ➢ ICT oriented teaching,
   - ➢ Problem based learning,
   - ➢ Experiential Learning
   - ➢ Community service
   - ➢ Tutorial, Mentoring and
   - ➢ Practicum

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**
   - ➢ Fortnightly meetings of the D.S.C. to appraise the course and curriculum progress in the class.
   - ➢ Board of Studies and School Board Meeting in every six month provide evaluative consultancy to the faculty and the department.

➢ Mid-Semester and End-Semester Exams and continuous comprehensive evaluation of learners is done through various assessment activities to monitor the learning out comes.

➢ All syllabus curriculum question papers, synopses of dissertations and thesis are brought to the approval and suggestions by the Board of Studies and School Board.

47.   Highlight the participation of students and faculty in extension activities.

➢ Students were engaging in the community development service of the slum area in the Drahman village were 25 families living. Students were giving them education and orientation and awareness regarding health and sanitation.

➢ Good parenting workshop series

48.   Give details of "beyond syllabus scholarly activities" of the department.

➢ Research colloquium every week
➢ Paper/Article writing workshops
➢ Seminars and conferences
➢ Research Methodology workshops
➢ Mentoring and Tutoring
➢ Co-Curricular activities designed and organised to promote scholarly aptitude and attitude amongst learners.
➢ OER Policy

49.   State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

➢ No

50.   Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

➢ Evolving Inter-disciplinary Curricula
➢ Engaging learners in multi-disciplinary class room setting
➢ Collaborative writing and research with inter-disciplinary view and faculty

51.   Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

➢ Faculty with the life long learning aptitude
➢ Bi-lingual faculty
➢ Inter-disciplinary perspective of teachers
➢ Creating discourse on philosophy of education, ICT, tribal education, science education and educational psychology
➢ Learners form multiple social cultural linguistic and economic background

Weakness
- Less numbers of faculty
- Negligible infrastructure
- Cramped space for classrooms and library
- Lesser residential space for students
- Lesser support staff

Opportunities
- To begin pre-doctoral programmes (M.Phil.)
- Collaboration with other national and international institutions
- To begin B.Ed. and M.Ed. programmes
- To plan for UG and certificates programmes in education
- To initiate Adult Education Programme and outreach.

Challenges
- Poor infrastructure
- Evolvement of learner
- Accreditation
- Faculty recruitment
- In-service and pre-service education programme

52. Future plans of the department.

The future plan of the department of education in both academic and research will be based on the following objectives

- Integration of theoretical and practical pedagogical practices

- Maintenance of knowledge base through non-conventional and innovative research

- Provide leadership to promote education as a discipline and engage scholars in intellectual discussion for the evolution of knowledge.

- Help prepare educational professionals to be recognized for the quality and significance of their research, scholarship, service, outreach and leadership.

- Provide leadership in the improvement of teaching, learning and assessment of educational outcomes

- Enhance the commitment of faculty, staff and students to the centrality of diversity, social justice and democratic citizenship.

- Develop collaborative and professional relationship with colleges/departments of education and educational organizations focused on the improvement of education in schools, and colleges of education.

- Sustain a caring, supportive and understanding climate throughout the school of education for the creation and construction of knowledge.

- Enhance effective and efficient management of the School of Education at both the levels - human as well as material resources.

- Involvement in community development and workplace settings as part of social responsibility.

➢ Inspire young people to be educational leaders, by engaging them in exciting mentoring-based programmes that build knowledge and skills, that inspire innovation, and that foster well-rounded life capabilities including self-confidence, communication, and leadership capabilities.

The School will have its own International Journal on Education, a Newsletter and a Wall Magazine. It will have its own club known as Club de-Educare. The School will organize Professional Development Programme as its compulsory aspect. The School will organize various seminars/conferences/colloquium/workshops from time to time. The School will collaborate with various experts, institutions and organizations in the field at the National and International level for the effective mentoring of its students and faculty.

Department of
Tourism, Travel
& Hospitality Management

1.   **Name of the Department:** Tourism, Travel & Hospitality Management

2.   **Year of establishment:** 2011

3.   **Is the Department part of a School/Faculty of the university?:** Yes

4.   **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):**

- MBA (Specialisation in Tourism & Travel)
- Ph. D.

5.   **Interdisciplinary programmes and departments involved: Yes**

The following courses are offered to the students of other departments:-

MBA(Specialisation in Travel and Tourism)	
Core Courses: Core Compulsory	
Course	Title
TTM 420	Emerging Trends
TTM 427	Managerial Economics for Tourism
TTM 422	Introduction to Hotel Management
TTM 410	Event Management
TTM 403	Tourism Principles and Practices
TTM 530	Logistics Management
TTM 435	Tourism Product of India
TTM 504	Entrepreneurship In Tourism and Travel
TTM 401	Introduction to Travel Agency and Tour Operation Business
TTM 522	Strategy for Tourism and Travel
TTM 437	Front Office Operations In Hotels
TTM 409	Itinerary Preparation and Costing
TTM 543	Consumer Behaviour In Tourism
TTM 534	On the Job Training
TTM 503	Quantitative Techniques for Tourism and Travel
TTM 517	Tourist Destination Management
TTM 525	Tourism Geography II

Core courses: Core Open	
TTM 431	Galileo CRS System
TTM 442	Tourism System
TTM 436	House Keeping in Hotel Operations
TTM 440	Introduction to Heritage Management
TTM 449	World Cuisine
TTM 453	Culinary Tourism
TTM 513	Specialization in Airline Operations
TTM 538	F & B Service
TTM 542	Public Relations in Tourism
TTM 443	Tourism Organisations
TTM 539	Service Quality Management in Tourism and Hospitality
TTM 457	Food and Beverage - Practicum and Viva Voce
TTM 524	Sustainable Tourism
TTM 523	Ethical Legal and Regulatory Framework
TTM 521	Cases of Selected Tourism and Hospitality Enterprises
TTM 510	Resort Management
TTM 416	Tourism Circuits of India
TTM 514	Specialization in Hotel Operations
Elective courses Specialization- 1Travel Agency and Tour Operation Business	
TTM 407	Introduction to Tourism Marketing
TTM 423	Geography of Tourism -I
TTM 533	Economics of Tourism
TTM 509	Airline Ticketing and Cargo Management
TTM 523	Ethical Legal and Regulatory Framework
TTM 526	e Tourism
TTM 434	Leadership Development Camp
TTM541	Contemporary Issue in Tourism
Specialization- 2: Hospitality Management	
TTM 436	House Keeping in Hotel Operations
TTM 449	World Cuisine
TTM 453	Culinary Tourism
TTM 538	F & B Service
TTM 539	Service Quality Management in Tourism and Hospitality
TTM 457	Food and Beverage - Practicum and Viva Voce
TTM 510	Resort Management
Specialization- 3: Pilgrimage Tourism	
TTM 407	Introduction to Tourism Marketing
TTM 442	Tourism System
TTM 416	Tourism Circuits of India
TTM 440	Introduction to Heritage Management
TTM 524	Sustainable Tourism
TTM 443	Tourism Organisations
Elective courses: Elective Open	
TTM 424	Guiding Skills and Personality Development
TTM 429	Security, Rescue and Disaster Management
Foundation Courses: Human Making	
F-HM-1	Public Health and Infections
F-HM-2	Understanding Contemporary Society

F-HM-3	Social Work and Human Rights
F-HM-4	Human Values and Ethics
F-HM-5	Inter Personal Effectiveness
F-HM-6	Social Media and Citizen Engagement
F-HM-7	Mental Health
F-HM-8	Indian Constitution and Citizenship
F-HM-9	Contemporary Environmental Issues
F-HM-10	Education for Being & Becoming
F-HM-11	Philosophy of Science
F-HM-12	Eco-tourism, Planning & Practices
F-HM-13	Knowledge-based Life Coaching for Youth
F-HM-14	Literature Empathy and Human-making
F-HM-15	Sahityaaur Vyaktitva Vikas
Foundation Courses: Skill Development	
TTM 448	MICE Management
TTM 446	Soft skill Laboratory
TTM 531	Project management for travel and tourism industry
TTM 514	Specialization-hotel operations
TTM 527	Mountain Tourism destination
TTM 529	Sales Promotion and Public Relations in Tourism
TTM 519	Destination interpretation – world
TTM 538	Airport Management
TTM 536	Cruise Tourism
TTM 444	Study of NTO/NTA Across Nations.
M. Phil/Ph.D Programme	

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** None

7. **Details of programmes discontinued, if any, with reasons:** None

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System: Semester, CBCS**
   - The examination is based on Choice Based Credit System- under Choice Based Credit System the students are offered variety of Courses to Choose from a number of courses offered by different faculty of the department and inter department also.
   - The examination is held every six months semester wide.
   - The midterm examination is held in the mid of semester.
   - Continuous Internal Assessment is carried out based on various parameters to judge the understanding of various courses. The various methods adopted are Class Tests, Class Presentations, Projects, and Group Assignments.

9. **Participation of the department in the courses offered by other departments:** Yes

The department has offered University Wide Course

1. Event Management – TTM 410
2. Management Information Systems - TTM 528
3. Economics of Tourism – TTM 533
4. Security Rescue and disaster Management – TTM 429
5. Logistics Management – TTM 530

Under the new CBCS, department is offering foundation courses under Human Making and Skill Development:-

1. Security, Rescue and Disaster Management – TTM 429
2. Eco Tourism Planning and Practices – TTM 512

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	0	
Associate Professor	2	0	
Assistant Professor	4	4	
UGC-FRP			
DST-INSPIRE Faculty			

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M. Phil. Students guided for last 4 years
Dr. Suman Sharma	Ph.D.	Assistant Professor	Destination Image and Branding	6 years Teaching and 3 and ½ Industry	5 (Ongoing)
Dr. Sundraraman	Ph.D.	Assistant Professor	Terrorism and Tourism	16 Years Air force and 4 years Teaching	3(Ongoing)

Mr.Debasis Sahoo	MTA; Pursuing Ph.D from Kurukshetra University	Assistant Professor	Gastronomy and Tourism	11 yrs (2 yrs Industry+ 9 years Teaching)	
Mr.Arun Bhatia	MTA (Gold Medallist), MBA	Assistant Professor	Consumer Behaviour in Tourism	6 and ½ years Industry and 3 years Teaching	

12. **List of Senior Visiting Fellows, adjunct faculty, emeritus professors:**
   - **Senior visiting fellows:** None
   - **Adjunct Faculty:** None
   - **Emeritus professors:** None
   - **AD Hoc fellows :-**

Name of the Fellow	Visiting Time	Courses Taken
Prof. Kumar Ashutosh	Jan 2012 – Dec 2012	Case Studies in Tourism and Hospitality
Mr. Amit Katoch	July 2011 – Dec 2012	Event Management , Tourism Marketing
Dr. Amit Gangotia	Jan 2012- Dec 2012	Tourism Systems

13. **Percentage of classes taken by temporary faculty – programme-wise information:**
   - **MBA (Specialisation in Tourism and Travel) :** None
   - **Ph.D.:** None

14. **Programme-wise Student Teacher Ratio:**
   - **MBA (Specialisation in Tourism and Travel) –** 1: 15
   - **Ph.D.:** 1:3.5

15. **Number of academic support staff (technical) and administrative staff:**
   Sanctioned:
   Filled: 0
   Actual: 1 (Ms. Meena) – On Temporary Basis

16. **Research thrust areas as recognized by major funding agencies:**
   - Terrorism and Tourism
   - Destination Image and Branding
   - Gastronomy and Tourism.
   - Consumer Behaviour in Tourism
   - Rural Tourism

- Heritage Tourism
- Work Life Balance

17. Number of faculty with ongoing projects from:
- **National funding agencies (Completed):**

Name of the Faculty	Organisation	Total Amount Received	Topic of Project
Dr. Suman Sharma	Indian Institute of Tourism and Travel Management	Rs.1,00,000	Study on Scheme of Social Media as an Influencer among Foreign Tourists Visiting India

- **National funding agencies (Ongoing):**

S.No.	Name of the funding agency	Project title	Grant received
1.		NA	
2.			
3.			
4.			
5.			
		Total	

- **International funding agencies:** None
- **Total grants received:**

18. Inter-institutional collaborative projects and associated grants received
- **National collaboration:** None
- **International collaboration:** None
  - During the initial inception of university the efforts are being made to enter into international collaborations with various organisations.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. - None

20. Research facility/centre with
- **State recognition:** None

- **National recognition:** None
- **International recognition:** None

21. **Special research laboratories sponsored by / created by industry or corporate bodies:** No

22. **Publications:**

- **Number of papers published in peer reviewed journals (national / international) – 32 Nos.**

Name of the Faculty (12)	Title of the Paper
Dr. Suman Sharma (12)	1. Paper entitled " An Insight into Entrepreneurial Motivation of Students of Higher Education"Vikrant Kaushaul, Dr suman sharma, Sandeep SharmaEntrepreneurship Business Review Volume 3,NO 2, 2013, ISSN 2229-7294
	2. Paper entitled Traditional Hospitality – an innovation for cultural tourism promotion Dr suman Sharma, Mr Arun Sharma Journal of Kashmir for Tourism and Catering Technology Volume 1,Issue 2,2014,ISSN No 23481986
	3. Paper entitled "Impacts of Rural Tourism on Local Community : A critical Review of LiteratureDr suman Sharma, Mr Amit Katoch Journal of Kashmir for Tourism and Catering Technology Volume 2,Issue 1, 2015, ISSN No 23481986
	4. Paper entitled "Direct Benefit Transfer Scheme: Issues and Challenges at bottom of the pyramid"Lal, Chamna. Upadhyay, Gitanjali and Sharma Suman Indian journal of commerce Vol.77, No. 2, (2014)
	5. Paper entitled Corporate social Responsibility – A study on Hotel Industry Mr Rajiv Kumar and Dr Suman Sharma Asian Journal of Multidisciplinary Studies Volume 2,issue 4, April 2014, ISSN 2321-8819
	6. Paper entitled Adventure Tourism Market Segments and Promotional Policies: A Study, Challenges and Strategic Interventions for Tourism Dr Prashant Gatuma and Dr suman Sharma Challenges and Strategic Interventions for Tourism, Dixit et. al. (Eds.) 2012. pp 76-87. ISBN 9788191007268
	7. Paper entitled Tourism & Technology: An implication of a challenging relationship: A case study on e-Travel agencies of Odisha"Debasis Sahoo& Dr Suman Sharma Tourism and

Hospitality Industry – An Insight by Prof Latil K Bansal and Dr Prashant k Guatma ISBN: 978-93-80318-41-7), Volume I, pp, 49-60.2013

8. Paper entitled Motivations, Perceptions & expectations of tourism postgraduate students: A study conducted in Central university of Himachal Pradesh, Dharamshala, Tourism & Hospitality industry Dr suman Sharma and Mr Amit Katoch Tourism and Hospitality Industry – An Insight by Prof Latil K Bansal and Dr Prashant k Guatma ISBN: 978-93-80318-41-7), Volume I, pp, 49-60.2013

9. Paper entitled Impact of Heritage Tourism on Local Community of Himachal Pradesh- A case study of heritage village Pragpur" Dr Suman Sharma and Ms Shikha Sharma Challenging strategies for business management by Robin Neema , Shweta Ramchandani , Vaibhav Joshi ISBN No. 978-81-927004-03, 2014.

10. Paper entitled "Towards A Quality Tourism Experience: A Destination Marketing Perspective Vikrant Kaushaul, Dr suman sharma, Sandeep Sharma Tourism and Hospitality: Trends Concerns and Opportunities edited by Prof. S. P. Bansal and Sandeep walia, ISBN No. 978-93-85000-20-1, 2015.

11. Paper entitled "Aaker☐S Brand Identity Traps: Implications for Destination Brands " Dr suman Sharma and Mr Vikrant kaushal Tourism Inclusive Growth and Sustainable Developmentedited by Prof. S. P. Bansal , Prof Sandeep Kulshreshtha and Dr Parshant gautam ISBN No. 978-93-81212-05-8, 2015

12. Paper entitled Corporate Social Responsibility in Tourism and Hospitality: Relationships and Applications Mr Vikrant Kaushal and Dr Suman Sharma Corporate Social Responsibility in the Hospitality and TourismIndustry by Lipika Kaur Guliani Panjab University, India Syed Ahmad Rizwan Tourism Recreation Research, CTRD, India LCCN 2015046865| ISBN 9781466699021 (hardcover : alk. paper) ISBN 9781466699038 (ebook : alk. paper),2016

Debasis Sahoo (07)	
	1. Sahoo, Debasis & Sharma, Suman (2013), "Tourism & Technology: An implication of a challenging relationship: A case study on e-Travel agencies of Odisha", Tourism & Hospitality industry: An Insight, (ISBN: 978-93-80318-41-7), Volume I, pp, 49-60.
	2. Sahoo, Debasis (2013), "PPP-A catalyst for emerging tourist destinations: A case study on Jharsuguda", Tourism Business: emerging trends & evolving practices, Volume I, pp, 130-136.
	3. Sahoo, Debasis (2014), "Resident's Perception of the Impact of Tourism development in Kantillo Nilamadhava temple in Odisha", JOHAR, Volume 9, Issue – 1, pp, 29-37.
	4. Sahoo, Debasis (2014), "Social Architecture of Ethnic food tourism in India", IJTHM, Volume 5, Issue – 1, pp, 53-66.
	5. Sahoo, Debasis (2014), "Role of Gastronomiques in tourism: A case study of Domestic travelers in India", AVAHAN, Volume 2, Issue – 1, pp, 124-132.
	6. Sahoo, Debasis (2015), "A case study on "Beach-tourism potential of Odisha", Journal for Kashmir Tourism & Catering technology: An International Referred Journal, Volume 1, Issue – 1
	7. Sahoo, Debasis (2015), "Analyzing the impact of Culture on a Destination's cuisine: A case study of Odisha", PCTE JOURNAL of Tourism & Hospitality Management, Volume 1, Issue –

Dr.Sundraraman (03)	
	1. Co- Authored Knowledge Paper "India's Outbound MICE- 2013" published at Ayanaant – An Outbound Travel through Leadership Meet held at New Delhi on 21st June 2013 along with Prof.Manjula Chaudhary, Director, IITTM, Gwalior, and Mr. Ravinder Dogra Asst. Professor, IITTM, Gwalior. (While serving as Asst. Professor at IITTM Gwalior)

	2. Dr. S. Sundararaman, "Best Practices in Sustainable Tourism and Hospitality", A Unit for B.Sc. Honours in International Hospitality Administration Programme, IGNOU, New Delhi, 2014. 3. Dr. S. Sundararaman "Challenges in Marketing Tourism Destination Affected by Terrorism" International Journal of Research in Management and Social Science, (ISSN 2322-0899)Vol. 2, Issue (II), Jan-Mar 2014.

Arun Bhatia (06)	
	1. Consumer Behaviour towards durable goods in rural areas of Himachal Pradesh – With special reference to Induction Stove – Perizotte Journal – Volume 1 – Page 39-42 ,2013 2. Paper Presented at National Seminar on Geothermal Tourism Potential in Himachal Pradesh -Natural Resource Management for sustainable Development: Present Needs and Our Common Future on 29 - 30th March 2014 at Maharaja Agrasen University Baddi, Solan.2014 3. Paper Presented "Ornithological Tourism – Tourism with Wings" at National Seminar Organised by Govt. Degree College Nalagarh 4. Paper Titled "Tourism and Traffic Problem in Shimla "- National Seminar being organised by Maharaja Agrasen University Baddi Himachal Pradesh. 5. Paper Titled "Impacts of Social Networks on growth of Tourism in Himachal Pradesh "at International conference organised by Vashisht school of Management Indore. 6. Paper Titled "Orchard Tourism – The next Big step "at International conference at Indian Tourism Hospitality Congress at Manali.

- **Monographs**
- **Chapters in Books**
  Edited Books

- **Books with ISBN with details of publishers**
- **Number listed in International Database (For *e.g.* Web of Science, Scopus,**
- **Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)**
- **Citation Index – range / average   SNIP**
- **SJR**
- **Impact Factor – range / average   h-index**

23. **Details of patents and income generated:** NIL

24. **Areas of consultancy and income generated:** NIL

25. **Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad:** NIL

26. **Faculty serving in**
    - **National committees**
    - **International committees**
    - **Editorial Boards**
    - **any other (please specify)**

27. **Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs)Orientation / Refresher Programmes: -** (Total Nos 05)

Name of The Faculty	Programme
Dr. Suman Sharma	Orientation Programme – Himachal Pradesh University – OP 119 from 22nd June – 18th July 2015.
Dr. Suman Sharma	Refresher Course (Special Summer School 2015) Himachal Pradesh University Shimla – 24th June – 11th July 2015
Mr. Debasis Sahoo	Orientation Programme –GOC 96- Guru Nanak Dev University – 11th Dec 2014-7th Jan 2015
Mr. Debasis Sahoo	Refresher Course (Special Summer School 2015) Guru Nanak Dev University – 10th June – 30th June 2015
Mr. Arun Bhatia	Orientation Programme – OP 116 – Himachal Pradesh University from 2nd June 2014 – 28th June 2014

Workshops: - Total Nos. 10

Dr. Suman Sharma (02 Nos)	1. 3 Days Short term cours on Disaster Management organized by UGC – Academic Staff College , HP University Shimla 2. 03 Days workshop on "Data Analysis and Data Mining"Organized by School of Business and Management Studies, Central University of HimachalPradesh.
Dr.Sundraraman:- (03)	3. (National Workshops on Research Methodology in Social Science) 4. (Case Method Workshop-2014", conducted by Case Research Centre, IIM Calcutta) 5. (India's Outbound MICE- 2013 Outbound Travel through Leadership Meet)
Mr.DebasisSahoo (03)	1. 03 Days workshop on "Data Analysis and Data Mining" Organized by School of Business and Management Studies, Central University of HimachalPradesh. 2. 03 Days Communication & Case Analysis Organised by School and Business Management ; 31 July 2014 to 2nd August 2014. 3. 02 Days Communication & Case Analysis Organised by School and Business Management ; 13th-14 May 2013
Mr. Arun Bhatia (02)	1. 03 Days workshop on "Data Analysis and Data Mining"Organized by School of Business and Management Studies, Central University of HimachalPradesh. 2. 03 Days Communication & Case Analysis Organised by School and Business Management; 31 July 2014 to 2nd August 2014.

28. **Student projects**

- **Percentage of students who have done in-house projects including inter-departmental projects – The students are given different projects depending on the subject.**

1. The students every year in the 3rd Semester prepare a project report on the Leadership Development Camp. The project helps them to understand the various avenues related to adventure tourism. The students do a survey in the adventure field to understand tourism from a different perspective.
2. The students every year in the 4th Semester prepare a on the job training report and viva-voce is conducted in the department.
3. Different subject teachers from time to time give assignment in the project form on the different subjects like Event Management, Consumer Behaviour, Airline Ticketing , Housekeeping and Front office, Itinerary preparation and costing in Tourism etc**.**

- **Percentage of students doing projects in collaboration with other universities /industry / institute -** None

29. **Awards / recognitions received at the national and international level by Faculty**
Best Paper Award for Research paper "Direct Benefit Transfer Scheme: Reality, Issues and Challenges at Bottom of the Pyramid"- Dr. Suman Sharma
Doctoral/ post doctoral fellows

30. **Seminars/Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any. Total 13 Nos.**

Dr. Suman Sharma(05)		Funding Agency
	1.10-day Research Methodology course for Social Sciences sponsored by ICSSR, New Delhi, held on August 20-29, 2015 at Central University Of Himachal	ICSSR
	2 .Organised 03 Days National Confernce on Jammu and Kashmir – A New Discourse on 09th -11th October 2015	ICSSR
	3. Organised a Guest Lecture/Panel discussion on "Emerging Trends in Indian Tourism" on 10th January 2014 as a part of Tourism Society Activity at CUHP.	CUHP
	4. Organised a guest lecture on "Contemporary issues in tourism" on 3rd May 2013 as a part of Tourism Society Activity at CUHP	CUHP
	5. Organised 1 day workshop in	CUHP

	collaboration with Club Mahindra Resorts, Kangra Valley Dharamsala, regarding the Seven Habits of Highly effective people based on the book written by Stephen R Covey on 6th march 2013	
Debasis Sahoo (03)	1.Organised a Guest Lecture/Panel discussion on 2."Emerging Trends in Indian Tourism" on 10th January 2014 as a part of Tourism Society Activity at CUHP. 2.Organised a guest lecture on "Contemporary issues in tourism" on 3rd May 2013 as a part of Tourism Society Activity at CUHP 3. Organised 1 day workshop in collaboration with Club Mahindra Resorts, Kangra Valley Dharamsala, regarding the Seven Habits of Highly effective people based on the book written by Stephen R Covey on 6th march 2013	CUHP CUHP CUHP
Dr.Sundraraman(03)		
	1.Organised a Guest Lecture/Panel discussion on 2."Emerging Trends in Indian Tourism" on 10th January 2014 as a part of Tourism Society Activity at CUHP. 2.Organised a guest lecture on "Contemporary issues in tourism" on 3rd May 2013 as a part of Tourism Society Activity at CUHP 3. Organised 1 day workshop in collaboration with Club Mahindra Resorts, Kangra Valley Dharamsala, regarding the Seven Habits of Highly effective people based on the book written by Stephen R Covey on 6th march 2013	CUHP CUHP CUHP
Arun Bhatia (03)	1.Organised a Guest Lecture/Panel discussion on 2."Emerging Trends	CUHP

in Indian Tourism" on 10th January 2014 as a part of Tourism Society Activity at CUHP.		
2.Organised a guest lecture on "Contemporary issues in tourism" on 3rd May 2013 as a part of Tourism Society Activity at CUHP	CUHP	
3. Organised 1 day workshop in collaboration with Club Mahindra Resorts, Kangra Valley Dharamsala, regarding the Seven Habits of Highly effective people based on the book written by Stephen R Covey on 6th march 2013	CUHP	

31. Code of ethics for research followed by the departments :-

- The research committee has been formed in coordination with the various external members from academics and the Corporate World.
- The department has selected a list of journals where all the members of the faculty along with the research scholars are advised to publish their contributions in the area of tourism research.
- The six monthly reviews is carried out to judge the development of research work by the various research scholars.
- Time to time presentations are organised in the department to understand the developments in the area of tourism research and give guidelines to the students in their respective fields.
- A goal oriented approach is followed in the research area.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2011	527				
2012	661				
2013	1103	15	10	60%	40%
2014	1082	23	6	79.3%	20.7%
2015	1104	24	6	80%	20%

33. Diversity of Students:

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
MBA (Specialisation in Tourism and Travel)	0%			Nil
2014- 2016	0%	74.19%	28.81%	Nil
2015-2017	0%	86.67%	13.37%	Nil

Details of PG Students as on 01.09.2015:

Sl. No.	Name of the Course	Total Number of Students enrolled as on 17.02.2015												Grand Total		Total No. of Minority Students as on 01.09.2015										Grand Total	
		General		OBC		SC		ST		PWD						Hindu		Muslim		Sikh		Christian		Buddhist			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	MBA (Tourism & Travel) 3rd Semester	8	5	10	-	3	1	2	1	-	-	23	7	21	7	2	-	-	-	-	-	-	-	-	23	7
2	MBA (Tourism & Travel) 1st Semester	12	2	5	2	5	-	2	2	-	-	24	6	23	5	1	-	-	-	-	-	-	1	24	6	

Details of RD Students as on 01.09.2015:

Sl. No.	Name of the Course	Total Number of Students enrolled as on 17.02.2015										Grand Total		Total No. of Minority Students as on 17.02.2015								Grand Total	
		General		OBC		SC		ST		PWD				Hindu		Muslim		Sikh		Christian			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	MBA (Tourism & Travel) RD Students	6	-	1	-	1	-	-	-	-	-	8	-	8	-	-	-	-	-	-	-	8	-

34. **How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Name of the student	Category	Exam Qualified
Surbhi Sharma	General	JRF- Tourism
Santosh Kumar	OBC	NET – Tourism
Oneil Sharma	General	NET - Tourism
Amit Katoch	General	NET- Tourism
Ajay Bharti	General	NET – Tourism
Tanuj Hans	General	NET - Tourism
Sunil	General	Banking

35. **Student progression**

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed: Campus selection	10
Other than campus recruitment	21
Entrepreneurs	Nil

36. **Diversity of staff:**

Percentage of faculty who are graduates	
of the same university	Nil
from other universities within the State	2
from universities from other States from	2
universities outside the country	Nil

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period -**Nil

38. Present details of departmental infrastructural facilities with regard to Library :-Nil
- **Internet facilities for staff and students** – Yes**.**
- Internet facility is provided to the students in the class and in the IT Lab. Students are assisted with Wi-Fi facility in the university.
- **Total number of class rooms:-** 1 CR -9**.** One class room is allotted to the Department. Adopting an approach of Choice Based Credit System the students of the department are also using other class rooms. The students move to the other class rooms at per the class allotment in the time table.
- **Class rooms with ICT facility :-** 1
- **Student's laboratories : -**Nil
- **Research laboratories :-** Nil

39. **List of doctoral, post-doctoral students and Research Associates**
- **from the host institution/university :- 08**

Sr. No.	Name of the student	Batch
1	Mr. Amit Katoch	2012
2	Mr. Arun Sharma	2012
3	Mr. Rajeev Kumar	2012
4	Mr. Sandeep	2013
5	Mr. Vipul	2013
6	Mr. Vikrant	2013
7	Mr. Satyajit Sinha	2014
8	Mr. Tarun Vasisht	2014

- **From other institutions/universities :-** Nil

40. **Number of post graduate students getting financial assistance from the university :-**
- The university offers free ship to the students based on the merit and the financial status.

Sr. No	Name of the Student	Roll No.	Semester
1	Santosh Kumar	CUHP12MBATTT24	1st Semester
2	Ajay Kumar	CUHP12MBATTT01	3rd Semester
3	Saurav Singh Bhaswal	CUHP12MBATTT26	3rd Semester
4	Rajneesh Kumar	CUHP12MBATTT23	3rd Semester
5	Amit Kumar	CUHP12MBATTT21	3rd Semester
6	Ashutosh	CUHP12MBATTT06	3rd Semester
7	Sammi Yadav	CUHP12MBATTT14	3rd Semester
8	Swati Ahluwalia	CUHP12MBATTT28	3rd Semester

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- Yes, the department organises regular meetings with the Members of Board of Studies, School Board and various corporate houses being a professional course. To develop and amend the course curriculum. The Course curriculum committee give their expert comments in the meetings and the accepted. Due care is taken to implement the suggestions in the teaching by the faculty.

42. Does the department obtain feedback from

a) **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? –**

- Every semester the students are given a feedback form. The feedback form contains various parameters to assess the teachers teaching. Once collected the feedback is analysed by the Controller of examination and given to the respective teacher to improve on the teaching style and methods of teaching.

b) **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**
- A meeting is conducted at the departmental level and exercise is carried out to improve on the teaching skills of the teachers.

c) **Alumni and employers on the programmes offered and how does the department utilize the feedback?**
- The members from various corporate are educational institutes are made the members of Board of Studies and are invited for the same from time to time to improve on the pedagogy in the School.

43.   List the distinguished alumni of the department (maximum 10)

Sr.	Name of the organisation	Name of the Company
1	Ravi Raj Gupta	Innoglobe tours and travels
2	Nishant Thakur	wwdmc
3	Rattan Gulshan	Isha Tours and Travels
4	Gaurav Verma	More than Travels
5	Kanika	Govt Sr. Sec School Kangra
6	Sahil	Euroconnect
7	Aneet Kumar	Yatra.com
8	Bindiya	Incredible Asia
9	Malik Fakruddin	Cox and Kings
10	SushantVerma	Orange Holidays

44.   Give details of student enrichment programmes (special lectures/ workshops / seminar) involving external experts.

Workshops organised by Tourism Society:-

a) Workshop on Home Stay Scheme – Status and Opportunities in Himachal Pradesh".
b) Workshop Conducted by Club Mahindra Resorts – "7 Habits of Highly effective People".

Panel Discussions:-

a) "Contemporary issues in Tourism".- Dr. Deepak Raj Gupta, Head, Central University of Jammu.
b) "Emerging trends in Indian Tourism" – Prof. S.P Bansal, Vice Chancellor, Maharaja Agrasen University Baddi Himachal Pradesh

45.   List the teaching methods adopted by the faculty for different programmes.

a) Leadership Development Camp is organised every year for 3rd Semester Students of MBA (Specialization of Tourism and Travel) in Manali to enhance on adventure tourism skills in the students.
b) Students in fourth Semester are sent for on the job training of Two Months in various travel corporate houses to understand the skills required for tourism.

46.   How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? Various methods are adopted in the same:-
a) Internal Assessment

b) Class Presentations.

c) Use of e learning methods to impart education

47. **Highlight the participation of students and faculty in extension activities. The students are made a part of the society with**

a) Students of tourism society organised a cleanliness drive in the nearby area.

b) Students collected funds for the flood affected areas of Jammu & Kashmir.

c) Students are part of "Swach Bharat Abhiyan"and regularly they keep on doing some activities for the society.

48. **Give details of "beyond syllabus scholarly activities" of the department.**

49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.** – No

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied. –** Yes

- The department with the faculty from the different fields try to make students understand the basics of tourism trade. The corporate exposure and the academic exposure of the faculty is rich enough to help students understand the tourism in a different way with on the job training classes in the class, practical exposure. The members of research in the department are publishing the research work in various national and international journals helping to make people understand the tourism from different perspective related with better running of tourism enterprises, helping the local community in understanding tourism etc.

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Strengths	Weaknesses	Opportunities	Challenges
Multi Disciplinary Faculty	Lack of space for the practical exposure	Development of Hospitality department in the University	No senior professors from Tourism in the department
Faculty with Corporate Experience	Lacking in international collaborations and national collaborations with various institutes in Tourism and Hospitality.	High manpower turnover	
Faculty with rich Academic experience in both Private and Govt.		Skill based courses for the working women in cooking and small entrepreneurs.	

Institutions.			
Giving course curriculum an inter disciplinary approach.		Bridging the gap between academia and industry.	
Give hands on practice to students using MOOC.		Collaboration with various Govt schemes, small private colleges in the nearby areas to improve the skills of the students.	

52. **Future plans of the department-**

    a) Starting of full fledged Hospitality and Event Management Department.
    b) Starting of under graduate courses in Tourism.
    c) Starting of Certificate and Diploma courses for the working professionals.
    d) Craft Courses in Food Production and F& B Service.
    e) Skill Based Training Programmes for the youth.

4. DECLARATION BY THE HEAD OF THE INSTITUTION

I certify that the data included in this SELF STUDY REPORT (SSR) are true to the best of my knowledge.

This SSR is prepared by the Institution after internal discussions, and no part thereof has been outsourced.

I am aware the Peer Team will validate the information provided in the Self Study Report during the Peer Team Visit.

Signature of the Head of the Institution
with seal

Pale: Dharamshala
Date: