

# Central University of Himachal Pradesh

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## Minutes OF

**12th BOARD OF STUDIES MEETING OF THE School of Physical &  
Material Science, Department of Physics & Astronomical Science  
HELD ON 24th OF September, 2021 AT 3:00PM**

**VENUE: Seminar hall, Central University of Himachal Pradesh, Campus  
Shahpur, District - Kangra, Himachal Pradesh - 176206 (Online Mode)**

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**CENTRAL UNIVERSITY OF HIMACHAL PRADESH, CAMPUS  
SHAHPUR, DISTRICT KANGRA, HIMACHAL PRADESH**

Website: [www.cuhimachal.ac.in](http://www.cuhimachal.ac.in)

Central University of Himachal Pradesh  
School of Physical and Material Science, Department of Physics and  
Astronomical Science, Campus, Shahpur, District - Kangra, Himachal  
Pradesh-176206

**12th BOARD OF STUDIES MEETING OF THE School of Physical &  
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**MINUTES**

The following members were present:-

- |    |                                   |                |
|----|-----------------------------------|----------------|
| 1. | Prof Hum Chand<br>Dean/Head SoPMS | Chairman       |
| 2. | Prof. Raman Sharma                | Subject Expert |
| 3. | Prof. Vimal Sharma                | Subject Expert |
| 4. | Prof. O.S.K.S. Sastri             | Member         |
| 5. | Prof. Bhag Chand Chauhan          | Member         |



6. Dr. Rajender Kumar  
7. Dr. Dalip Singh Verma

VC- Nominee  
Member

Dr. Mahesh Kulharia (VC Nominee) could not attend the meeting due to another assignment.

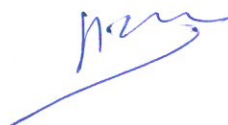
**MINUTES OF BOARD OF STUDIES**

Minutes for the 12th Meeting of Board of Studies (BoS) of the Department of Physics and Astronomical Sciences, (DPAS) held on 24th September 2021 at Shahpur campus through Online Mode. The decisions taken in various items of the agenda and record of discussions held are as under:

ITEM.	Description	Annexure
Item No. PAS-BOS-12/ 21-1	To confirm the minutes of the Eleventh Board of Studies Meeting held on 03rd December 2020. at 3.00 P.M. at Shahpur Campus.	Annexure-I
<b>Decision:</b>	All BoS members unanimously confirmed "The minutes of the Eleventh Board of studies Meeting held on 03rd December 2020. at 3.00 P.M. at Shahpur Campus" .	
PAS-BOS-12/ 21-2	To deliberate on the "In-principle approval of modification/change/addition etc of BSc (3+1) yr and MSc (1+1) yr syllabus from the Academic year 2021-22) as required in National Educational Policy-2020." Various changes/revisions in the syllabus from time to time will be required in the ensuing BoS Meetings.	
<b>Decision:</b>	All BoS members agreed that various changes/revisions in the syllabus from time to time will be required, so the department should be allowed to make changes in the planned pattern as and when required in future as per University and NEP-2020 provisions, and put them for approval in subsequent BoS. Also, the department can take time to prepare the detailed syllabus as per the new course structure and put it up for approval in the next BoS.	

*Handwritten signatures and initials:*  
A large signature in black ink is written over the bottom of the table.  
Below it, there are two blue ink signatures: one is a stylized 'D' and the other is a cursive signature.

PAS-BOS-12/ 21-3	Scheme of Syllabus for B.Sc. Physics Honours (3+1) yr as Per National Education Policy (NEP) and Guidelines provided by Central University of Himachal Pradesh.	
<b>Decision:</b>	BoS members have given detailed input about the structure of courses. All the changes have been incorporated within the NEP-2020 guidelines given by the University. The detailed course structure is given in the (Annexure-II). BoS members feel that the courses for 4th year need some more discussion. As a result, for the 4th year, only the course structure has been finalised and the details about the exact course name along with a detailed syllabus department should be put up for approval in the next BoS.	Annexure II
PAS-BOS-12/ 21-4	Scheme of Syllabus for B.Sc. Physics Research (3+1)yr as per National Education Policy (NEP) and Guidelines provided by University Level committee Central University of Himachal Pradesh.	
<b>Decision:</b>	BoS members have given detailed input about the structure of courses. All the changes have been incorporated within the NEP-2020 guidelines given by the University. The details about the agreed course structure are given in Annexure-III. BoS members feel that the courses for the 4th year need some more discussion. As a result, for 4th year, only the course structure has been finalised and the details about the exact course name along with the detailed syllabus department should be put up for approval in the next BoS	Annexure-III
PAS-BOS-12/ 21-5	Scheme of Syllabus for M.Sc. Physics (2) year as Per National Education Policy (NEP) and Guidelines provided by University Level committee Central University of Himachal Pradesh.	
<b>Decision:</b>	BoS members have given detailed input about the structure of courses. All the changes have been incorporated within the NEP-2020 guidelines given by the University. The details about the agreed course is given in the Annexure-IV.	Annexure-IV
PAS-BOS-12/ 21-6	Scheme of Syllabus for Ph.D. course work as Per National Education Policy (NEP) and Guidelines provided by Central University of Himachal Pradesh University Level committee.	
<b>Decision:</b>	BoS members have given detailed input about the structure of courses. All the changes have been incorporated within the NEP-2020 guidelines given by the University. The details about	Annexure-V







	the agreed courses are given in the Annexure-V.	
PAS-BOS-12/ 21-7	Detailed Syllabus of B.Sc. Physics Honours/Research (3+1) yr courses.	
<b>Decision:</b>	The BoS members have given the suggestion regarding the course structure. Given the fact that the entire structure has been changed as per NEP-2020, so BoS members agreed that the department can take time and put up the detailed syllabus as per the approved course structure (agenda point 3 and 4 above ) for approval in the next BoS.	
PAS-BOS-12/ 21-8	Detailed Syllabus of M.Sc. Physics 2 yrs courses.	
<b>Decision:</b>	The BoS members have given the suggestion regarding the course structure (e.g see agenda point 5). Given the fact that the entire structure has been changed as per NEP, so BoS members agreed that the department can take time and put up the syllabus as per the approved course structure (agenda point 5 ) for approval in the next BoS meeting, along with the detailed syllabus Ph.D. course work as well (as per course structure in agenda point 5).	
PAS-BOS-12/ 21-9	Exit/Entry Option for B.Sc Physics and MSc Physics Students after Completion of Even Semester of course.	As Per NEP Guidelines Annexure-VI
<b>Decision:</b>	All members of BoS agreed on the Exit/Entry Option for B.Sc Physics and MSc Physics As Per the NEP-2020 Guidelines.	
PAS-BOS-12/ 21-10	Adoption of NEP Guidelines as Proposed by the Committee constituted by Central University of Himachal Pradesh for Implementation of National Education Policy 2020 from Academic Session 2021-22.	
<b>Decision:</b>	All members of BoS have agreed on the Adoption of NEP Guidelines as Proposed by the Committee constituted by Central University of Himachal Pradesh for Implementation of National Education Policy-2020 from Academic Session 2021-22.	
PAS-BOS-12/	Approval of the synopsis of Ms. Shikha Awasthi :	Annexure







21-11	<b>Title:</b> Numerical Simulation of Light Nuclei <b>Supervisor:</b> Prof. (Dr.) O.S.K.S. Sastri.	VII
<b>Decision:</b>	The BoS members have approved the above synopsis of Ms. Shikha Awasthi.	
PAS-BOS-12/ 21-12	The item from Chair: Any other items.	
(i)	For the information of BoS, Prof. Hum Chand has reported that his 4 students (Mr. Parveen Kumar, Mr. Vineet Ojha, and Mr. Sunil Malik, and Ms. Sapna Mishra) which was registered with him at ARIES before joining CUHP in 2019, have defended their thesis in the past year and one student (Ms. Priyanka Jalan) has submitted the thesis. Now only two ARIES students (Mr. Vibhor Nagi and Mr. Vivek Jha) are registered with him whose thesis is yet to be submitted. Prof. Hum Chand has requested that he should be allowed to continue to guide these students so that they can smoothly finish their thesis work soon. This is just for the information of BoS and for the record of the Department of Physics and Astronomical Sciences.	
<b>Decision</b>	The point was noted, and BoS members agreed that Prof. Hum Chand can continue to guide the remaining two ARIES students whose thesis is yet to be submitted so that they can smoothly finish their thesis work soon.	
(ii)	HoD Physics also informed the BoS members that our department has signed an MoU with ARIES on 28th June 2021. Also, a detailed proposal MoU has been prepared between CUHP and ISRO, which has been approved by the Academic council of CUHP and ISRO Head-Quater Directorate of Space Situational Awareness and Management (DSSAM). This MoU will be signed soon and it will help to set up a 1m-class telescope at CUHP to foster the research facility requirement of the astronomy group of the department.	
<b>Decision</b>	All the BoS members appreciated such initiative and put emphasis on the development of research infrastructure and facilities at high priority.	

*Approved over email*  
Prof. Raman Sharma

Professor, HPU

(Subject Expert-External)

*(Approved over email)*

*[Signature]*

Prof. O.S.K.S. Sastri

(Member)

*Approved received by email*  
Dr. Rajender Kumar *as all same*

(VC Nominee)

Prof. Vimal Sharma

Associate Professor, NIIT

(Subject Expert-External)

*[Signature]*

Prof. Bhag Chand Chauhan

(Member)

*[Signature]*  
Dr. Dalip Singh Verma

(Member)

*[Signature]*  
Prof. Hum Chand *24.09.2021*

Head DPAS & Dean SoPMS







Hum Chand <humchand@hpcu.ac.in>

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**Minuets of the 12th DPAS BoS Meeting held on 24 September 2021 (3:00pm)**

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**Mahesh Kulharia** <kulharia@hpcu.ac.in>

Sun, Sep 26, 2021 at 5:26 PM

To: HOD Physics & Astronomical Science <hod\_phy@hpcu.ac.in>

Approved in toto.  
regards  
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**Minuets of the 12th DPAS BoS Meeting held on 24 September 2021 (3:00pm)**

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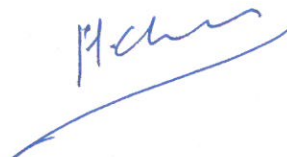
Rajender Kumar <rajender.cuhp@gmail.com>

Sun, Sep 26, 2021 at 6:04 PM

To: HOD Physics & Astronomical Science <hod\_phy@hpcu.ac.in>

Cc: "bramans70@yahoo.co.in" <bramans70@yahoo.co.in>, VIMAL SHARMA <vmlsharma@nith.ac.in>, "Prof. B. C. Chauhan" <bcawake@hpcu.ac.in>, SastriOsks Osks <sastri.osks@hpcu.ac.in>, dalip Verma <dalipverma2003@yahoo.co.in>, Rohit Dhiman <rohitdhiman422@hpcu.ac.in>, "kulharia@hpcu.ac.in" <kulharia@hpcu.ac.in>, Dean Physical & Material Science <dean\_spms@hpcu.ac.in>, Hum Chand <humchand@hpcu.ac.in>

Dear Sir  
Approved from my side.  
Thanks  
Rajender  
[Quoted text hidden]



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**Dr.Rajender Kumar**  
**Associate Professor & Head**  
**Department of Chemistry and Chemical Sciences**  
**School of Physical and Material Sciences**  
**Central University of Himachal Pradesh ,**  
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