

(ESTABLISHED UNDER CENTRAL UNIVERSITIES ACT 2009) PO Box: 21, Dharamshala, Himachal Pradesh-176215

List of Course Offerings

"Monsoon Semester 2015"

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PO Box: 21, Dharamshala, Himachal Pradesh-176215

Centre for Computational Biology & Informatics

Name of School: School of Life Sciences

Name of the Programme of Study: MSc (Computational Biology/Informatics)

Courses for Semester III

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1	CBB 525	Enzyme Kinetics	2	Nil	Dr. Yusuf Akhter
2	CBB 431	Bio analytical Techniques	2	Nil	Dr. Yusuf Akhter
3	CBB 522	Elements of Synthetic Biology	2	Nil	Dr. Vikram Singh
4	CBB 403	Introduction Probability and Statistics	2	Nil	Dr. Vikram Singh
5	CBB 513	Chemo informatics	4	Nil	Dr. P. Aparoy
6	CBB 428	Practical course on CADD	2	Nil	Dr. P. Aparoy
7	CBB 515	Computer Aided Drug Discovery	4	Nil	Dr. P. Aparoy
8	CBB 420	Cell Biology and Genetics	4	Nil	Dr. Shailender Kumar
9	CBB 527	Plant Bioinformatics	4	Nil	Dr. Shailender Kumar
10	CBB 504	Genomics & Proteomics	4	Nil	Dr. Yusuf Akhter/ Dr. Shailender K. Verma

University Wide Courses

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	CBB 504	Genomics & Proteomics	4		Dr. Yusuf Akhter/ Shailender K. Verma
2.	CBB 401	Mathematics in Biology	2		Dr. Vikram Singh
3.	CBB 529	Introduction to Dynamical Systems : From Cells to Societies	2		Dr. Vikram Singh





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Department of Social Work

Name of the School: School of Social Sciences

Name of the Programme of Study: Master of Social Work

Courses for Semester III

Sr.	Course	Course Name	Credit	Pre-Requisite/	Name of Faculty
No.	Code			Co-Requisite	
1.	SWR 404	Social Welfare Administration	2		Mrs. Ambreen Jamali
2.	SWR 403	Social Policy and Social Development	2		Dr. Asutosh Pradhan
3.	SWR 412	NGO Management	2		Mr. Shabab Ahmad
4.	SWR 417	Concurrent Field Work and Viva-III	4		All Faculty
5.	SWR 423	Block Placement Training	4		All Faculty
6.	SWR 499	MSW Dissertation	4		All Faculty

UNIVERSITY- WIDE COURSES

Sr. No.	Course Code	Course Name	Credit	Teacher
1.	SWR 412	NGO Management	2	Mr. Shabab Ahmad







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Department of Economics and Public Policy

Name of School: **School of Social Sciences** Name of Programme of Study: **MA Economics**

Courses for Semester III

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	ECN 408	Public Economics	4		Mr. Kamal Singh
2.	ECN 502	History of Economic Thought	4		Mr. Indervir Singh
3.	ECN 411	Agricultural Economics	4		Mr. Amit K. Basantaray
4.	ECN 412	Industrial Economics	4		Mr. Amit K. Basantaray
5.	ECN 415	Labour Economics	4		Mr. Kamal Singh
6.	SWR 405	Basics of Research Methodology	2		Mr. Amit K. Basantaray
7.	ECN 440	Evolution of Indian Economic System	4		Mr. Kamal Singh
8.	SAS 405	Statistical Methods with Packages	2		Mr. Indervir Singh
9.	ECN 448*	Professional Development Activities in Economics	4		Mr. Kamal Singh

Note: * The course, ECN 448, will be offered as a zero credit course.

University Wide Courses

Sr. No.	Course	Course Name	Credit	Pre-Requisite/	Name of Faculty
	Code			Co-Requisite	
1.	ECN 445	Basic Terms and Concepts in Economics	2		Mr. Kamal Singh
2.	ECN 407	Indian Economic Environment	2		Mr. Kamal Singh





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Department of English & European Languages

Name of School: School of Humanities & Languages

Name of the Programme of Study: MA (English Language & Literature)

Courses for Semester III

Sr. No	Course Code	Name of Course	Credit	Name of Faculty
1.	EEL-423	Literary Criticism from	4	Dr. Roshan Lal Sharma
		Aristotle to T.S. Eliot		
2.	EEL- 409	Immigrant & Diaspora Writings	2	Mr. Hem Raj Bansal
3.	EEL 433	American Literature	4	Dr. KBS Krishna
4.	EEL-512	Indian Writing in English	4	Dr. Khem Raj Sharma

University-Wide Courses

Sr. No	Course Code	Name of Course	Credit	Name of Faculty
1.	EEL-414	Advanced Oral Communicative	2	Dr. Roshan Lal
		Skills in English		Sharma/Dr. Khem Raj
				Sharma/Dr. KBS
				Krishna/Hem Raj Bansal
2.	EEL- 438	Short Stories from around the	2	Dr. Roshan Lal
		World		Sharma/Dr. Khem Raj
				Sharma/Dr. KBS
				Krishna/Hem Raj Bansal



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Department of Hindi & Indian Languages

Name of School: School of Humanities & Languages

Name of the Programme of Study: MA (Hindi)

Courses for Semester III

Sr.	Course	Course Name	Credit	Pre-Requisite/	Name of Faculty
No.	Code			Co-Requisite	
	HIL 417	Naatak aur Rangmanch: Hindi Natak,	4	-	Mr.Chandrakant
1.		Natya Roopantar, Other Languages			Singh
		on Hindi Literature			
2.	HIL 442	Pashchatya Sahitya Siddhant	4	-	Dr. Sayema Bano
3.	HIL 447	Reetikavya	2	-	Mr.Chandrakant
3.					Singh
4.	HIL 406	Khadi Boli ka Kavya: Hindi ki Lambi	2	-	Dr. Sayema Bano
4.		Kavitayen			
5.	HIL 404	Khadi Boli ka Kavya: Prakriti Kavya	2	-	Mr.Chandrakant
]					Singh

University-Wide Courses

Sr. No	Course Code	Course Name	Credit	Code No. of Pre-requisitie/ Co-requisites if any	Full Name of the Teacher
1	HIL 423	Hindi aur Jan Sanchaar Madhyam (including New Media)	4	-	Mr Chandrakant Singh





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Department of Physics and Astronomical Sciences

Name of School: School of Physical and Material Sciences

Name of Programme of Study: M.Sc. in Physics (Specialization in Theoretical Physics)

Courses for Semester III

Sr.	Course	Course Name	Credit	Pre-Requisite/	Name of Faculty
No.	Code			Co-Requisite	
1.		Nuclear Physics	4	-	-
2.		Condensed Matter Physics	4	-	-
3.		Advanced Modern Physics Laboratory	2	-	-
4.		Seminar	4	-	-

University-Wide Courses

Sr.	Course	Course Name	Credit	Pre-Requisite/	Name of Faculty
No.	Code			Co-Requisite	
1.		Molecular Simulation and Applications	4	-	-
2.		ELK laboratory	2	-	-





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School of Business and Management

Department of Marketing and Supply Chain Management

Name of School: School of Business & Management Studies

Name of the Programme of Study: MBA

Courses for Semester III

Total Credit =6

S. No.	Course	Credit	Course Name	Pre-	Co-	Name of
	Code			Requisite	Requisite	Faculty
1.	MSC 520	2	Internet Based			Dr Bhagwan
			Marketing			Singh
2.	MSC 405	2	Integrated Marketing			Dr Bhagwan
		2	Communication			Singh
3.	MSC 512	2	International Marketing			Mr Chaman
4.	MSC 507	2	Rural marketing			Mr Chaman
5.	MSC 402	2	Services Marketing			Dr Sarvesh

Department of Accounting and Finance

S. No.	Course	Credit	Course Name	Pre-	Co-	Name of
	Code			Requisite	Requisite	Faculty
1.	AFA 528	2	Research Methods For Finance	-	-	Dr Sanjeev
2.	AFA 507	2	Working Capital Management	-	-	Dr Manpreet
3.	AFA 512	2	Investment Analysis and Portfolio Management	-	-	Dr Ashish
4.	AFA 509	2	Management of Mutual Funds			Mr.Md. Atif
5.	AFA 415	2	Stock Market Operations			Dr Mohinder



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Department of HRM & OB

S.	Course	Credit	Course Name	Pre-	Co-	Name of
No.	Code			Requisite	Requisite	Faculty
1.	HRM 503	2	Human Resource Development	-	-	Dr Bhawna
2.	HRM 508	2	Compensation Management	-	-	Di Gitanjali
3.	HRM 513	2	Labour Laws	-	-	Dr Aditi
4.	HRM 512	2	Management of Industrial Relations	-	-	Dr Aditi

School Wide Courses (Total Credits 10)

S. No.	Course	Credit	Course Name	Pre-	Со-	Name of
	Code			Requisite	Requisite	Faculty
1.	MSO 506*	4	Strategic Management	-	-	
2.	MSO 507*	4	On-the-job Training and Training			
			Report			
3.	a)MIB 411		International Business			Dr Manpreet
			Environment			
			OR			
	b)AFA 415	2	Stock Market Operations			b) Dr Mohinder
		2	OR			
	c)HRM 503		Human Resource Development			c)Dr Bhawna
			OR			
	d)AFA 512		Investment Analysis and Portfolio Management			d)Dr Ashish
			OR			e)Mr Chaman
	e) MSC 512		International Marketing			Chian Chaman

*Compulsory course





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University Wide Courses

S.	Course	Credit	Course Name	Pre-	Co-	Name of
No.	Code			Requisite	Requisite	Faculty
1	HRM 401	2	Organizational Behaviour	-	-	-
2	MSO 401	2	Management Principles and	-	-	-
			Functions			
3	MSC 520	2	Internet Based Marketing	-	-	Dr Bhagwan
4	MSC 509	2	Green Marketing	-	-	Dr Sarvesh
5	EDM 401	2	Fundamentals of Entrepreneurship	-		Dr Manpreet





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Department of Computer Science & Informatics

Name of School: School of Mathematics Computer & Information Sciences

Name of Programme of Study: M.Sc. IT

Courses for Semester III

Sr.	Course	Course Name	Credit	Pre-Requisite/	Name of Faculty
No.	Code			Co-Requisite	
1.	CSI 429	Formal Languages & Automata	4		Keshav Singh
2.	CSI 501	Design and Analysis of Algorithms	2	CSI402,CSI420	Keshav Singh
3.	CSI414B	LAB- C++	2	CSI407A	Manoj Dhiman
4.	CSI 410	Object oriented programming using	2	CSI401	Manoj Dhiman
5.	CSI499	Industrial Training (Summer)	4		Manoj Dhiman/
J.					Keshav Singh

University Wide Courses

Sr.	Course	Course Name	Credit	Pre-Requisite/	Name of Faculty
No.	Code			Co-Requisite	
1.	CSI401	Programming Methodology &	2		Manoj Dhiman
		Problem solving on C			
2.	CSI407A	LAB- C	2		Manoj Dhiman





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Department of Library & Information Science

Name of School: School of Mathematics Computer & Information Sciences

Name of Programme of Study: Master of Library Science

Courses for Semester III

Course Code	Course Name	Credit	Name of Faculty
LIS 402	Web designing and hosting(Lab)	2	Prof. I.V. Malhan
LIS 501	Library Automation and Networks	2	Nimmala Karunakar
LIS 502	Library Automation and Networks(Practical)	2	Nimmala Karunakar
LIS 507	Community Lab for Library and Information Science	4	Prof. I.V. Malhan
LIS 530	Foundation of Digital Library (Theory)	4	Dr. Dimple Patel

University Wide Courses

Course Code	Course Name	Credit	Name of Faculty
LIS 410	Fundamentals of Information and Communication Technology	4	Nimmala Karunakar





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Department of Mathematics

Name of School: School of Mathematics, Computers and Information Science

Programme of Study: M. Sc.-Mathematics

Courses for Semester III

Sr.	Course Code	Course Name	Credit	Pre-Requisite/	Name of Faculty
No.				Co-Requisite	
1.	MTH 501	Topology	4	MTH 406	Dr. Ravinder Singh
2.	IAM 405	Fluid Dynamics	4		Dr. Rakesh Kumar
3.	MTH 402	Partial Differential Equations	4	MTH 102	Dr. Sachin Kumar Srivastava
4.	IAM 550	Project and Seminar based on Practical Training with Industry	4		Dr . S. K.Srivastava Dr. R. Singh and Dr. Rakesh Kumar
5.	MTH 501	Topology	4	MTH 406	Dr. Ravinder Singh

University Wide Courses

Course Code	Course Name	Credit	Name of Faculty
MTH 403	Linear Algebra	4	Dr. Ravinder Singh
MTH 406	Real Analysis	4	Dr. Rakesh Kumar





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Department of Tourism and Travel

Name of School: School of Tourism Travel and Hospitality Management Name of Programme of Study: MBA (Specialisation in Tourism and Travel)

Courses for Semester III

Sr. No.	Course	Course Name	Credit	Name of Faculty
	Code			
1.				Dr. Suman Sharma
	TTM 509	Airline Ticketing and Cargo Management	2	
2.	TTM 431	Galileo CRS System	2	Dr Suman Sharma
3.	TTM 409	Itinerary Preparation and Costing	2	Dr. Suman Sharma
4.	TTM 437	Front Office Operations in Hotels	4	Mr. Debasis Sahoo
5.	TTM 436	House Keeping in Hospitality Operations	4	Mr. Debasis Sahoo
6.	TTM 438	Food & Beverage Service	4	Mr. Debasis Sahoo
7.	TTM 543	Consumer Behaviour in Tourism	2	Mr. Arun Bhatia
8.	TTM 542	Public Relations in Tourism	2	Mr. Arun Bhatia
9.	TTM 539	Services Quality management in Tourism and Hospitality	2	Mr. Arun Bhatia
10.	TTM 530	Logistics Management	2	Dr.S.Sundararaman
11.	TTM 522	Strategic Management for Travel and Tourism	2	Dr.S.Sundararaman
12.	TTM 533	Economics of tourism	2	Dr.S.Sundararaman
13.	TTM 434	Student development program(Adventure group tour)	2	All Faculty of the Department





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University Wide Courses

Sr.	Course	Course Name	Credit	Name of Faculty
No.	Code			
1.	TTM 533	Economics of tourism	2	Dr.S.Sundararaman
2.	TTM 530	Logistics Management	2	Dr.S.Sundararaman
3.	TTM 429	Security, Rescue and Disaster Management	2	Dr.S.Sundararaman
4.	TTM 422	Introduction to Hotel Management	2	Mr. Debasis Sahoo
5.	TTM 435	Tourism Product of India -	4	Mr. Debasis Sahoo





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Department of Journalism and Creative Writing

Name of School: School of Journalism, Mass Communication and New Media

Name of Programme of Study: MA (Journalism and Creative Writing)

Courses for Semester III

Sr.	Course	Course Name	Credit	Pre-Requisite/	Name of Faculty
No.	Code			Co-Requisite	
1.	JCW 504	Public Relations	4		Dr. M.Rabindranath
2.	JCW 547	Mass Media Research	4		Dr. Archna Katoch
3.	JCW 551	Writing Screen Plays	2		Mr. Harikrishnan B.
3.	JCW 409	Business and Economic Journalism	2		Mr. Harsh Mishra
4.	JCW 504	Public Relations	4		Dr. M.Rabindranath

University Wide Courses

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	JCW 523	Media and Social Issues	2		Mr. Harsh Mishra





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Department of Mass Communication and Electronic Media

Name of the School: Journalism, Mass Communication and New Media Name of the Programme of Study: MA New Media Communication

Courses for Semester III

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1	MCE 513	Radio Production	4	MCE 425	Dr. Pradeep Nair
2	MCE 514	Television Production	4	MCE 511	Mr. Kuldeep Singh
3	MCE 516	Mobile & Internet Production	4	MCE 505	Dr. R. P. Rai
4	MCE 518	Media Internship	4	-	Mr. Kuldeep Singh/Dr. R.P. Rai/Dr. Pradeep Nair

University Wide Courses

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1	MCE 414	ICT in Governance	2		Dr. Pradeep Nair/Dr. R. P. Rai





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Department of Teachers Education

Name of School: School of Education

Name of the Programme of Study: MA Education

Courses for Semester III

Sr. No.	Course	Name of Course	Credit	Level	Name of Faculty
	Code				
1.	TTR 603	Politics & Economics of Education	4	6	Dr. Navneet Sharma &
					Ms. Prakrati Bhargava
2.	TTR 606	Quantitative Research in Education	4	6	
					Dr. Manoj K Saxena
3.	TTR 612	Curriculum Development	2	6	Dr. Anu G.S.
4.	TTR 427	Inclusive Education : Equity & Diversity	2	4	Ms. Renu Bhandari

University Wide Courses

Sr.	Course Code	Name of Course	Credit	Level	Name of Faculty
No.					
1.	TTR 454	Gender, Society and Education	4	4	Dr. Navneet Sharma
2.	TTR 436	Science Education	4	4	Ms Prakrati Bhargava





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Department of Environmental Sciences

Name of School: School of Earth and Environmental Sciences

Name of the Programme of Study: MSc (Environmental Sciences)

Semester III

Sr. No.	Course Code	Name of the course	Credit	Name of Faculty
1.	ENV 536	Disaster Management	2	AKM
2.	ENV 554	Environmental conservation and sustainable development	4	MA
3.	ENV 409	Environmental Microbiology	2	MA
4.	ENV531	Toxicology Lab	2	DP
5.	ENV 412	Analytical Techniques	2	DP
6.	ENV 562	Analytical Techniques (Biological Science)	2	SC
7.	ENV522	Ecosystem Diversity	4	SC
8.	ENV 528	Nano-techniques and Environment	2	SC
9.	ENV 537	Environmental Engineering	2	AT
10.	ENV 561	Science of Climate Change	4	AT
11.	ENV 560	Meteorology and Climatology	4	AT
12.	ENV 534	Green Technologies and Market	2	AL
13.	ENV 535	Natural Hazards	2	AL
14.	ENV 425	Applications of Remote Sensing and GIS	2	AL
15.	ENV 541	Techniques of Artificial Water Recharge in Hilly Regions	2	AL

University Wide Courses

Course Code	Name of the Course	Credit	Semester	Faculty
ENV 536	Disaster Management	2	3 rd / UW	AKM





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University wide courses offered by all the departments

Sr. No.	Course Code	Course Name	Credit	Name of Faculty	Name of offering Department
1.	CBB 504	Genomics & Proteomics	4	Dr. Yusuf Akhter/	Computational
	CBB 304	denomics & Froteomics	4	Shailender K. Verma	Biology/Informatics
2.				Dr. Vikram Singh	Computational
	CBB 401	Mathematics in Biology	2		Biology/Informatics
3.		Introduction to Dynamical Systems	2	Dr. Vikram Singh	Computational
	CBB 529	: From Cells to Societies	2		Biology/Informatics
4.	SWR	NCO Management	2	Mr. Shabab Ahmad	Social Work
	412	NGO Management	2	Will Shabab / William	Social Work
5.					Department of
	ECN 445	Basic Terms and Concepts in	2	NAv. Kamaal Cinah	Economics and Public Policy
	ECIN 445	Economics	2	Mr. Kamal Singh	Policy
6.					Department of
					Economics and Public
	ECN 407	Indian Economic Environment	2	Mr. Kamal Singh	Policy
7.	EEL-414	Advanced Oral Communicative Skills in English	2	Dr. Roshan Lal Sharma/Dr. Khem Raj	Department of English
		Skiils III Eligiisii		Sharma/Dr. KBS	& European
				Krishna/Hem Raj Bansal	Languages
8.	EEL- 438	Short Stories from around the	2	Dr. Roshan Lal	Department of English
		World		Sharma/Dr. Khem Raj Sharma/Dr. KBS	& European
				Krishna/Hem Raj Bansal	Languages
9.					



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10.	HIL 423	Hindi aur Jan Sanchaar Madhyam (including New Media)	4	Mr Chandrakant Singh	Department of Hindi & Indian Languages
11.		Molecular Simulation and Applications	4		Department of Physics and Astronomical Sciences
12.		ELK laboratory	2		Department of Physics and Astronomical Sciences
13.	HRM 401	Organizational Behaviour	2		School of Business & Management Studies
14.	MSO 401	Management Principles and Functions	2		School of Business & Management Studies
15.	MSC 520	Internet Based Marketing	2	Dr Bhagwan	School of Business & Management Studies
16.	MSC 509	Green Marketing	2	Dr Sarvesh	School of Business & Management Studies
17.	EDM 401	Fundamentals of Entrepreneurship	2	Dr Manpreet	School of Business & Management Studies
18.	CSI401	Programming Methodology & Problem solving on C	2	Manoj Dhiman	Department of Computer Science & Informatics
19.	CSI407A	LAB- C	2	Manoj Dhiman	Department of Computer Science & Informatics
20.	LIS 410	Fundamentals of Information and Communication Technology	4	Nimmala Karunakar	& Information Science
21.	MTH 403	Linear Algebra	4	Dr. Ravinder Singh	Department of Mathematics



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22.	MTH 406	Real Analysis	4	Dr. Rakesh Kumar	Department of Mathematics
23.	TTM 533	Economics of tourism	2	Dr.S.Sundararaman	School of Tourism Travel and Hospitality Management
24.	TTM 530	Logistics Management	2	Dr.S.Sundararaman	School of Tourism Travel and Hospitality Management
25.	TTM 429	Security, Rescue and Disaster Management	2	Dr.S.Sundararaman	School of Tourism Travel and Hospitality Management
26.	TTM 422	Introduction to Hotel Management	2	Mr. Debasis Sahoo	School of Tourism Travel and Hospitality Management
27.	TTM 435	Tourism Product of India -	4	Mr. Debasis Sahoo	School of Tourism Travel and Hospitality Management
28.	JCW 523	Media and Social Issues	2	Mr. Harsh Mishra	Department of Journalism and Creative Writing
29.	MCE 414	ICT in Governance	2	Dr. Pradeep Nair/Dr. R. P. Rai	Department of Mass Communication and Electronic Media
30.	TTR 454	Gender, Society and Education	4	Dr. Navneet Sharma	Department of Teachers Education



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31.	TTR 436	Science Education	4	Ms Prakrati Bhargava	Department of Teachers Education
32.	ENV 536	Disaster Management	2	AKM	Department of Environmental Sciences

