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EXECUTIVE SUMMARY

Name of the Course	RC in Disaster Management
Venue	The Hermitage, UGC-Human Resource Development Centre Kumaun University, Nainital.
Date	28 September to 12 October 2020
Organizing Agency	UGC-Human Resource Development Centre, Kumaun University, Nainital
Patron	Hon'ble Vice-Chancellor, Prof. N.K. Joshi, Kumaun University, Nainital
Course Team	
Director	Prof. B.L. Sah, Director, UGC-Human Resource Development Centre, Kumaun University, Nainital
Deputy Director	Dr. Divya Upadhayay Joshi, Deputy Director, UGC-Human Resource Development Centre, Kumaun University, Nainital
Assistant Director	Dr. Reetesh Sah, Assistant Director, UGC-Human Resource Development Centre, Kumaun University, Nainital
Officials	Mr. I.S. Negi, Dr. Rajendra Singh Bora, Mr. Jasod Singh Bisht, Mr. Arvind Singh, Mr. Kailash, Mr. Rajendra
No. of Participants attended	35
No. of Participants applied	100

Interactive Session, Science, Policy, Practice Interface for Climate and Disaster Resilience, Science, Policy, Practice Interface for Climate and Disaster Resilience, Rules and Regulations, Discussion/Interaction, Aerosols Radiative Forcing and Climate Change, Activity, Hazards Associated with Glacial and Periglacial Environment, Disaster Risk Management/ Reduction Disaster Management:-Understanding Disaster and Their Management Process Concept of Disaster Risk Management, Role of GIS in Urban Risk Assessment, The Carbon Inequality Era Geographical, Hazards Human Intervention and Resultant Geomorphological Hazards, Micro Teaching, Understanding Disasters and Their Management Process, Applications of Satellite Generated Weather Data for Mitigating Flood Hazards in the Himalayas, Local & Global Perspective of Natural Disasters: Causes, Consequences & Management, Community partnership to enhance local resilience, Sustainable development and practical solution, Disaster management: Conceptual framework and development linkage, MCQ, Disaster Management Institutional Frame work, Proposal Presentations, Journey towards achieving sustainable sanitation through Swachh Bharat Mission- Gramin, Disaster Management Institution Framework and Geospatial Technology, Disaster Management Institution Framework and Geospatial Technology.

Invitation Letter for Participants

Ref. No: UGC–HRDC/KU/PRO/RC/20-21

Date: 25/09/2020

Subject: Refresher Course in Disaster Management

Dear Participant,

Your online application for participation in **Refresher Course in Disaster Management** has been accepted. The course is scheduled from **28-09-2020** to **12-10-2020** at the UGC-Human Resource Development Centre, Kumaun University, Nainital.

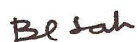
As per the UGC notification, all the programmes allotted to the HRDC will be done through online mode of delivery. Attendance in all the session is compulsory. Kindly ensure that you join the google meet at 09.55 am during the duration i.e. working days of the course.

E-Certificates will be issued after successful completion of the course.

The details of registration fee and general instructions are enclosed with this letter.

We look forward to seeing you through online during the course at the UGC-Human Resource Development Centre, Kumaun University, Nainital.

Sincerely,



(Prof. B. L. Sah)
Director

To,

Mandawad Gajanan Gopinath
Maharashtra Udayagiri College, Udgir
(Maharashtra)

General Instructions:

- As per the UGC notification, all the programmes allotted to the HRDC will be done through online mode of delivery for the year 2020-2021.
- Target Group: All regular faculties of Universities/ Colleges that are included under section 12 (b)/2(f) of the UGC Act. The contract teachers who have been teaching for at least 03 academic sessions may be permitted.
- Course will be of two week duration spread over a total of 12 working days comprising of 72 contact hours @ six hours per day.
- Classes will commence at 10.00 am continue till 5.00 pm in the evening. There will be a lunch break from 1 pm to 1.45 pm besides two tea-breaks of 15 minutes each at 11.15 am and 03.15 pm.
- Mode of Delivery: Online Sessions on Google Meet.
- Requirement for the Course: Desktop/Laptop/Smart phone with good Internet connectivity (Webcam, Microphone, headphones and Multimedia enabled).
- Participants will keep their audio/video in off mode and put it on as and when desired.
- Full attendance in all the sessions is mandatory for all the participants.
- Number of sessions conducted and number of sessions attended by the participants will be mentioned on the participation certificate.
- Participants will prepare a brief report/feedback on each day and every session as well as on the whole course and email it to the HRDC Course-coordinator daily.
- Check WhatsApp group on regular basis for updates. Pin it for the duration of course.

Schedule

UGC Human Resource Development Centre Kumaun, University Nainital Disaster Management (28 September to 12 October 2020)

Marks Distribution

- Research Project - 20 Marks
- Seminar Presentation (PPT of Research Project)- 20 Marks
- Microteaching- 20
- Marks multiple choice objective test -10 Marks (40 questions)
- Exercise Disaster Management- 10 Marks
- Overall response-20 Marks

Date/ Day	Session	Topic	Resource Person
28 September 2020 Monday	09.45-10.30 am.	Introduction	
	10.30-11.00 am.	Inaugural Function/	Prof. B.L. Sah Prof. Divya U. Joshi Dr. Reetesh Sah
	11.00-11.30 am	Interactive	Prof. B.L. Sah
	11.45-01.15 pm	Science, Policy, Practice Interface for Climate and Disaster Resilience	Prof. A. K. Gupta
	01.15-02.00 pm.	LUNCH	
	02.00-03.15 pm	Rules and Regulations	Prof. B.L. Sah
	03.30-04.30 pm.	Discussion/Interaction with Course Coordinator	Prof. B.L. Sah Prof. P.C. Tiwari
29 September 2020 Tuesday	09.45-11.15 am.	Aerosols Radiative Fercing and Climate Change	Dr. J.C. Kuniyal
	11.30-01.00 pm.	Aerosols Radiative Fercing and Climate Change	Dr. J.C. Kuniyal
	01.00-01. 30 pm.	LUNCH	
	01.30-03.00 pm	Activity	Prof. B.L. Sah
	03.00-04.30 pm.	Lecture	Prof. V.P. Sati
30 September 2020 Wednesday	09.45-11.15 am.	Hazards Associated with Glacial and Periglacial Environment	Prof. R.C. Joshi
	11.30-01.00 pm.	Hazards Associated with Glacial and Periglacial Environment	Prof. R.C. Joshi
	01.00-01. 30 pm.	LUNCH	
	01.30-03.00 pm	Activity	Prof. B.L. Sah
	03.00-04.30 pm.	Disaster Risk Management/ Reduction	Prof. V.P. Sati
01 October 2020 Thursday	09.45-11.15 am.	Disaster Management:- Understanding the Process and Identifying the Possible Responses	Prof. P.C. Tiwari

	11.30-01.00 pm.	Disaster Management:- Understanding the Process and Identifying the Possible Responses	Prof. P.C. Tiwari
	01.00-01. 30 pm.	LUNCH	
	01.30-03.00 pm	Understanding Disaster and Their Management Process	Dr. Shahnawaz
	03.00-04.30 pm.	Concept of Disaster Risk Management	Prof. V.P. Sati
02 October 2020	Gandhi Jayanti [Holiday]		
03 October 2020 Saturday	09.45-11.15 am.	Role of GIS in Urban Risk Assessment	Dr. Sandeep Maithani
	11.30-01.00 pm.	Role of GIS in Urban Risk Assessment	Dr. Sandeep Maithani
	01.00-01. 30 pm.	LUNCH	
	01.30-03.00 pm	The Carbon Inequality Era	Prof. P.C. Tiwari
	03.00-04.30 pm.	The Carbon Inequality Era	Prof. P.C. Tiwari
04 October 2020 Sunday	SUNDAY		
05 October 2020 Monday	09.45-11.15 am.	Geographical Hazards	Prof. Anita Pande
	11.30-01.00 pm.	Human Intervention and Resultant Geomorphological Hazards	Prof. Anita Pande
	01.00-01. 30 pm.	LUNCH	
	01.30-03.00 pm	Micro Teaching	Dr. Kiran Dangwal
	03.00-04.30 pm.	Micro Teaching	Dr. Kiran Dangwal
06 October 2020 Tuesday	09.45-11.15 am.	Understanding Disasters and Their Management Process Introduction to Geospatial Science and Systems	Dr. Shahnawaz
	11.30-01.00 pm.	Applications of Satellite Generated Weather Data for Mitigating Flood Hazards in the Himalayas	Dr. Shahnawaz
	01.00-01. 30 pm.	LUNCH	
	01.30-03.00 pm	Local & Global Perspective of Natural Disasters: Causes, Consequences & Management	Prof. Atiqur Rahman
	03.00-04.30 pm.	Activity	Prof. Atiqur Rahman
07 October 2020 Wednesday	09.45-11.15 am.	Community partnership to enhance local resilience	Dr. Pankaj Tewari
	11.30 -01.00 pm.	Sustainable development and practical solution	Dr. Pankaj Tewari
	01.00-01. 30 pm.	LUNCH	
	01.30 -03.00 pm	Micro Teaching	Dr. Kiran Dangwal
	03.00 -04.30 pm.	Micro Teaching	Dr. Kiran Dangwal

08 October 2020 Thursday	09.45-11.15 am.	Disaster management : Conceptual framework and development linkage	Dr. Om Prakash
	11.30 -01.00 pm.	Disaster management : Conceptual framework and development linkage	Dr. Om Prakash
	01.00-01. 30 pm.	LUNCH	
	01.30 -03.00 pm	Temporal Variations in Aerosols : A case study Disaster management : Some lessons from the pages of history	Dr. Shahnawaz
	03.00 -04.30 pm.	MCQ	Course Team
09 October 2020 Friday	09.45-11.15 am.	Disaster Management Institutional Frame work	Dr. Manju Pande
	11.30 -01.00 pm.	Stress & Psycho Problems: Post Disaster Relief	Dr. Manju Pande
	01.00-01. 30 pm.	LUNCH	
	01.30 -03.00 pm	Proposal Presentations	Prof. P.C. Tiwari
	03.00 -04.30 pm.	Proposal Presentations	Prof. P.C. Tiwari
10 October 2020 Saturday	09.45-11.15 am.	Journey towards achieving sustainable sanitation through Swachh Bharat Mission- Gramin	Dr. B.S. Bisht
	11.30 -01.00 pm.	Journey towards achieving sustainable sanitation through Swachh Bharat Mission- Gramin.	Dr. B.S. Bisht
	01.00-01. 30 pm.	LUNCH	
	01.30 -03.00 pm	Proposal Presentations	Prof. P.C. Tiwari
	03.00 -04.30 pm.	Proposal Presentations	Prof. P.C. Tiwari
11 October 2020 Sunday	SUNDAY		
12 October 2020 Monday	09.45-11.15 am.	Disaster Management Institution Framework and Geospatial Technology	Prof. P. K. Joshi
	11.30 -01.00 pm.	Disaster Management Institution Framework and Geospatial Technology	Prof. P. K. Joshi
	01.00-01. 30 pm.	LUNCH	
	01.30 -03.00 pm	Valedictory Session	
	03.00 -04.30 pm.		

List of Participants

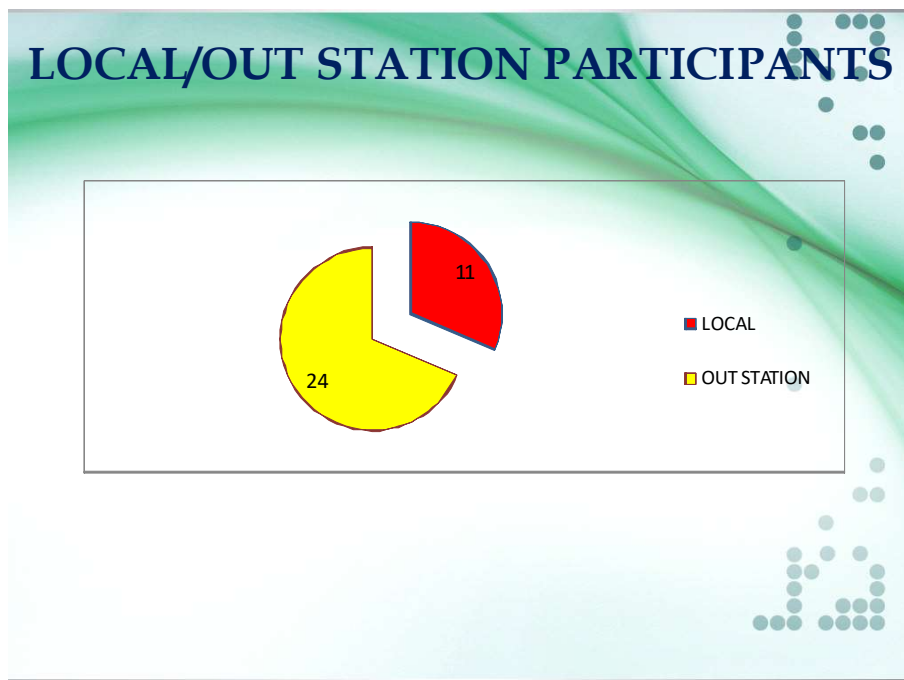
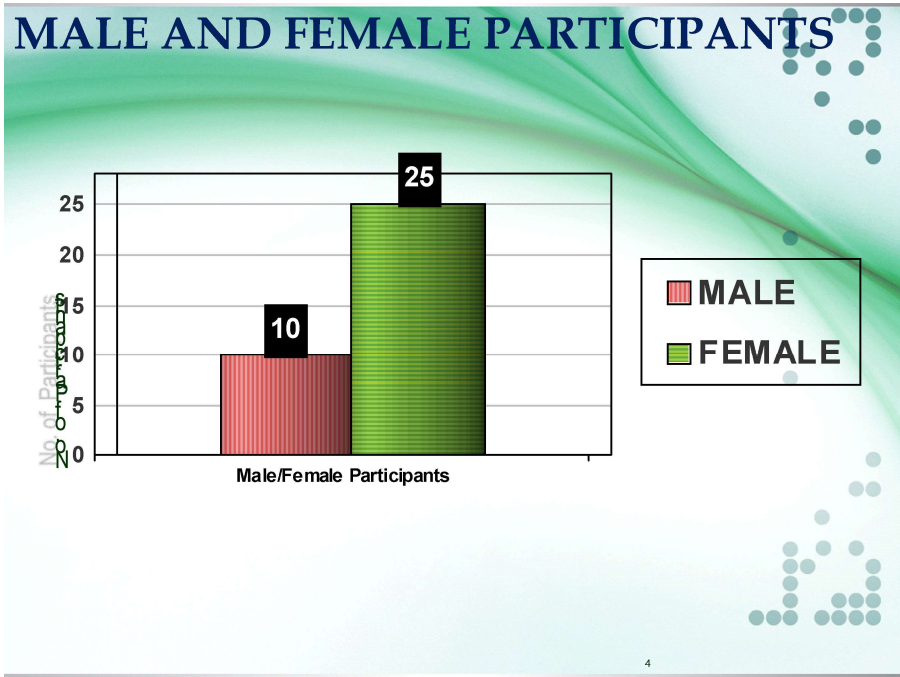
UGC Human Resource Development Centre Kumaun, University Nainital R. C. in Disaster Management (MD) (28/09/2020 to 12/10/2020)

S.No	Name of the Applicant	Subject	Name of Campus/College/ Institution	E-mail	Mobile No.	Cat	M / F
1.	Antika Thapar	Mathematics	Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra-(U.P.)	antikathapar@gmail.com	9897976571	Gen	F
2.	Anuradha Bisht	Chemistry	M.B. P.G College Haldwani (Uttarakhand)	anusingh4@gmail.com	9719840281	Gen	F
3.	Dr. Chhavi Arya	Home Science	DSB Campus	chhavi_arya@hotmail.com	9411198726	SC	F
4.	Dr Akhila Singh Gaur	Law	D.A.V. P.G. College Kanpur	akhilasinghladu@gmail.com	8887552896	Gen	F
5.	Dr Beena Lohiya	Botany	Govt P.G.College Berinag, Pithoragarh (Uttarakhand)	beenalohiya10@gmail.com	9639778755	SC	F
6.	Dr Nisha Bahal	Sociology	D.A.V. P.G. College Kanpur (U.P.)	nishasocio1@gmail.com	9450146746	Gen	F
7.	Dr. Bhagwati Joshi	Geography	Department of Geography, SBS Government Post Graduate College, Rudrapur, Uttarakhand	2bhagwatiyoshi@gmail.com	9411538139	Gen	F
8.	Dr. Leena Sharma	Zoology	Govt. College Dhaliara, Distt. Kangra, HP	leenamadan68@gmail.com	7018912032	Gen	F
9.	Dr. Mala Kumari	Chemistry	Satish Chandra College, Ballia	kumarimala310@gmail.com	9451059779	SC	F
10.	Dr. Manju Rani	Education	SMPGGPG College Meerut	m.raniteach123@gmail.com	9536812883	SC	F
11.	Dr. Nupur Bhakta	Physics	Durgapur Government College Jawahar Lal Nehru Road, Amarabati Colony, Durgapur, West Bengal 713214	nupurbhakta89@gmail.com	9635415052	SC	F
12.	Dr. Rekha Pandey		LSM Govt. PG College Pithoragarh (Uttarakhand)	rekhapandeydr2017@gmail.com	7579230777	Gen	F

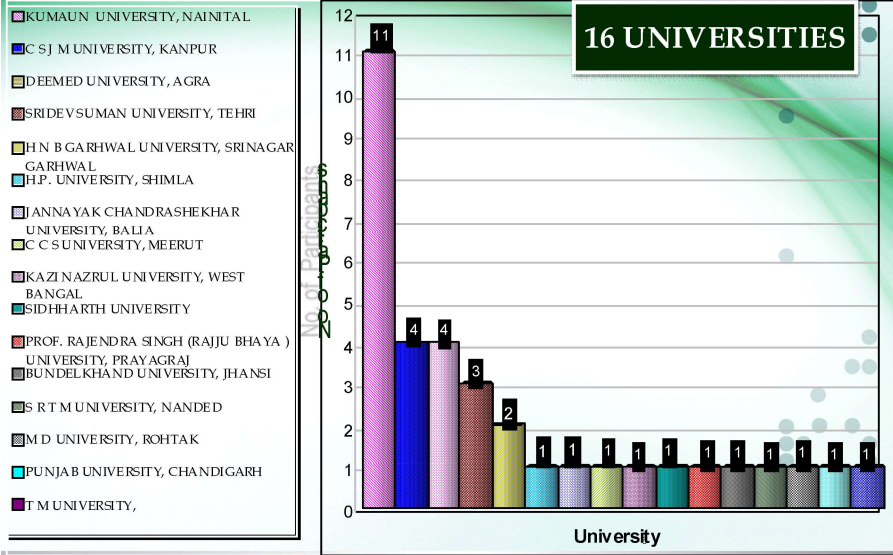
13.	Dr. Richa Chauhan	Botany	Chamanlal Mahavidhyalaya Landhaura, Roorkee, Haridwar District, Uttarakhand	richachauhanclm@gmail.com	8869033804	Gen	F
14.	Dr. Sanjeev Kumar	Political Science	Govt. P.G.College, Kotdwar (Garhwal)	shahsanjeev007@gmail.com	8057609494	SC	M
15.	Dr. Satya Prakash Srivastava	Zoology	P.P.N.P.G. College Kanpur (U.P.)	spsrivastava6@gmail.com	9450329730	Gen	M
16.	Dr. Vidyawati Yadav	English	I.S.S.S Government Degree College,	vidyawatiyada v5@gmail.com	9628885264	OBC	F
17.	Dr.Ameeta Tiwari	Chemistry	M.B.G.P.G. College Haldwani (Uttarakhand)	tiwari.ameeta@gmail.com	9412085607	Gen	F
18.	Dr.Neeraj Kumar Rai	Sociology	K.B.S.G. Govt. Girls Degree College, Dhindhui, Patti, Pratapgarh, U.P.-230138	dr.nkrbhu@gmail.com	9889323649	Gen	M
19.	Dr.Sharmita Gupta	Botany	Dayalbagh Educational Institute	drsharmitagupta123@gmail.com	9411401309	Gen	F
20.	Dr.Sunil Bhatia	Chemistry	Bipin Bihari P.G. College	drsunilbhatia5@gmail.com	9936981981	Gen	M
21.	Dr.Vinod Singh	Drawing & Painting	Govt. P.G. College, Kotdwara (Garhwal)	drvsbhandari@gmail.com	9456480980	Gen	M
22.	Krishma Yadav	Civil Engineering	Dayalbagh Educational Institute, Agra	karishmayadav92@gmail.com	9910366899	Gen	F
23.	Mandawad Gajanan Gopinath	Chemistry	Maharashtra Udayagiri College, Udgir.	mandawadgajanan@rediffmail.com	9049197873	OBC	M
24.	Ms. Vandana	Geography	Government P.G. College for Women, Rohtak	vandana.dse@gmail.com	8295134394	Gen	F
25.	Parvati Rastogy	Hindi	Govt P.G. College Berinag Pithoragarh (Uttarakhand)	parurastogi123@gmail.com	9756580784	SC	F
26.	Poonam Rawat	Physical Education	Govt. P.G. College Rishikesh	poonam.bittu.rawat8@gmail.com	9458142412	Genl	F
27.	Priyanka Tiwari	Chemistry	M.B. G.P.G. College Haldwani (Uttarakhand)	priyanka.tiwari1207@gmail.com	8755162614	Gen	F
28.	Pushpa Pant Joshi		LSM Govt. P.G. College Pithoragarh (Uttarakhand)	pushpapantjoshi2020@gmail.com	8954877201	Gen	F

29.	Rajesh Kumar Trivedi	Commerce	P.P.N.(P.G.) College, Kanpur	cmarktrivedi@ gmail.com	9415043950	Gen	M
30.	Richa Bansal	Mathe- matics	Dayalbagh Educational Institute, Dayalbagh Agra (U.P.)	richabansal200 7@gmail.com	8171662847	Gen	F
31.	Ritu Singh	Chemistry	I.P.G.G.P.G College of Commerce Haldwani Nainital	ritunsr@gmail. com	8859722070	Gen	F
32.	Ruchi Kalra	Home Science	Gurunanak College, Sri Muktsar Sahib	ruchipathela.k alra@gmail. com	9417422467	Gen	F
33.	Suman Kumar	Sociology	Govt. PNGPG College Ramnagar	ssumanjay9@ gmail.com	7351159171	SC	M
34.	Md. Mosarrat Hussain	Physics	G.B. College	mossarathussai n15@gmail. com	7766896120	OBC	M
35.	Pradeep Joshi	Chemistry	Dav(PG) College	Pradjoshi3@ gmail.Com	9837019231	Gen	M

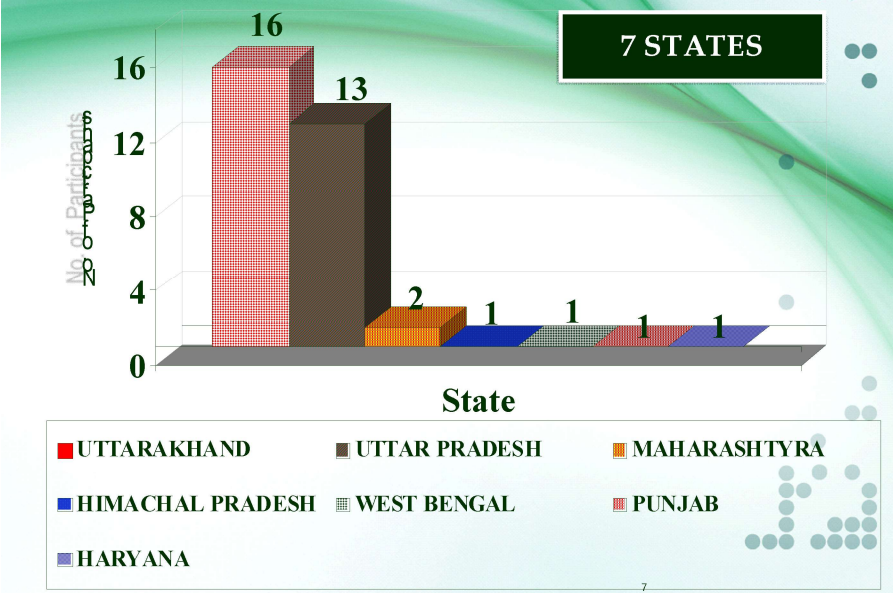
Data Illustration



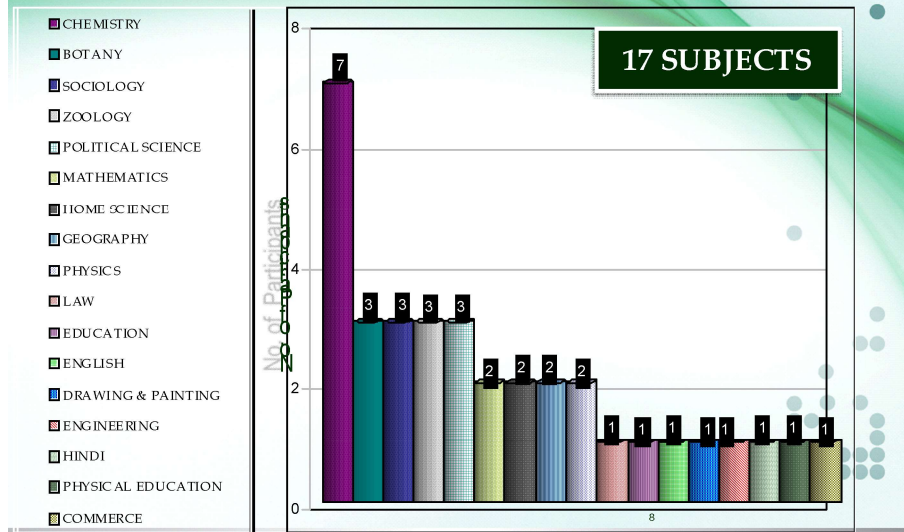
UNIVERSITY WISE REPRESENTATION



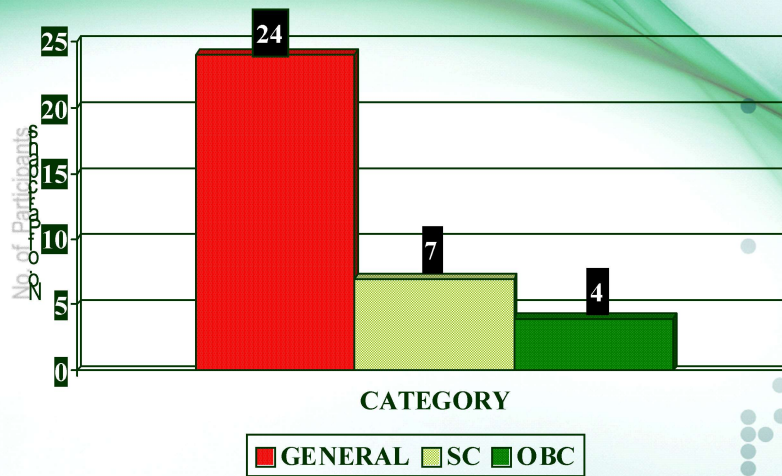
STATE WISE REPRESENTATION



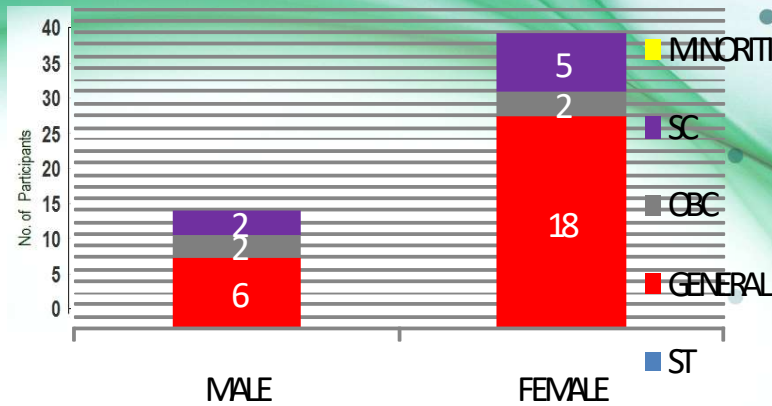
SUBJECT WISE REPRESENTATION



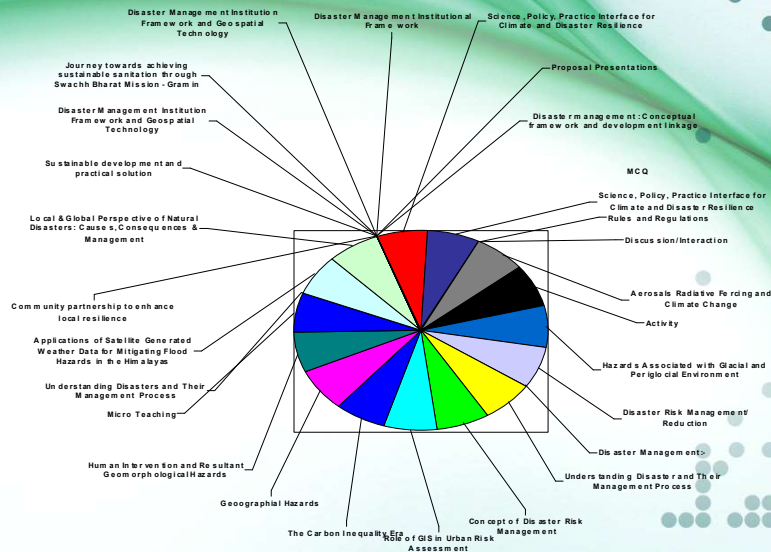
CATEGORY WISE REPRESENTATION



SUB-CATEGORY WISE REPRESENTATION



CURRICULAM ASPECTS



List of Day Officers

**UGC-Human Resource Development Centre, Kumaun University, Nainital
Disaster Management (28 September to 12 October 2020)**

DATE	DAY OFFICERS	
Day-1	Dr. Chhavi Arya	Dr. Pradeep Joshi
Day-2	Dr. Anuradha Bisht	Dr. Beena Lohiya
Day-3	Dr. Sanjeev Kumar	Dr. Akhila Singh Gaur
Day-4	Dr. Leena Sharma	Dr. Manju Rani
Day-5	Dr. Sharmita Gupta	Dr. Ankit Thapar
Day-6	Dr. Vinod Singh	Dr. Krishma Yadav
Day-7	Dr. Poonam Rawat	Dr. Nupur Bhakta
Day-8	Dr. Priyanka Tiwari	Dr. Parwati
Day-9	Dr. Rajesh Kumar Trivedi	Dr. Mohd. Mussaraf Hussain
Day-10	Dr. Ritu Singh	Dr. Rajesh Kumar Trivedi
Day-11	Dr. Ruchi Kalra	Dr. Richa Bansal
Day-12	Dr. Bhagwati	Dr. Richa Chauhan

Evaluation of Participants

S.I. No.	Name of the Participant	Overall response 20 marks	Research Project Proposal 20 marks	Power Point Presentation 20 Marks	Micro Teaching 20 marks	MCQ 20 marks	Total Max. Marks 100
1.	Akhila Singh Gaur	18	13	15	14	20	80
2.	Dr. Ameeta Tiwari	18	13	13	14	20	78
3.	Dr. Antika Thapar	18	13	12	14	20	77
4.	Dr. Anuradha Bisht	18	13	12	13	20	76
5.	Dr. Beena Lohiya	18	14	14	14	20	80
6.	Dr. Bhagwati Joshi	18	15	15	12	20	80
7.	Dr. Chhavi Arya	18	14	13	14	20	79
8.	Dr. Leena Sharma	18	14	12	13	20	77
9.	Dr. Mala Kumari	18	12	12	13	20	75
10.	Dr. Manju Rani	18	18	12	14	20	82
11.	Dr. Neeraj Kumar Rai	18	13	13	12	20	76
12.	Dr. Nisha Bahal	18	16	12	15	20	81
13.	Dr. Nupur Bhakta	18	12	13	13	20	76
14.	Dr. Richa Chauhan	18	16	15	14	20	83
15.	Dr. Sanjeev Kumar	18	15	14	15	20	82
16.	Dr. Satya Prakash Srivastava	18	14	13	12	20	77
17.	Dr. Sharmita Gupta	18	15	14	15	20	82
18.	Dr. Suman Kumar	18	14	15	14	20	81
19.	Dr. Sunil Bhatia	18	15	15	14	20	82
20.	Dr. Karishma Yadav	18	15	14	14	20	81
21.	Dr. Mandawad Gajanan Gopinath	18	14	12	12	20	76
22.	Dr. Mohd. Mussaraf Hussain	18	17	15	12	20	82
23.	Dr.Parvati Rastogi	18	15	14	14	20	81
24.	Dr. Poonam Rawat	18	12	13	14	20	77
25.	Dr. Pradeep Joshi	18	15	15	14	20	82
26.	Dr. Priyanka Tiwari	18	14	15	14	20	81
27.	Dr. Rajesh Kumar Trivedi	18	15	15	14	20	82
28.	Dr. Richa Bansal	18	13	13	12	20	76
29.	Dr. Ritu Singh	18	12	12	13	20	75
30.	Dr. Ruchi Kalra	18	12	13	12	20	75
31.	Dr.Vinod Singh	18	18	13	12	20	81
32.	Ms. Vandana	18	14	12	13	20	77
33.	Dr. Pushpa Joshi	18	12	12	13	20	75
34.	Dr. Rekha Pandey	18	16	15	12	20	81
35.	Dr. Vidyawati Yadav	18	14	14	13	20	79

Director

Course Coordinator