UGC-HRDC REFRESHER COURSE (ONLINE)

THEME: CLIMATE ACTION AND DISASTER MANAGEMENT

JANUARY 27- FEBRUARY 10, 2023

CISCO-WEBEX PLATFORM

Organized by

JAI NARAIN VYAS UNIVERSITY, JODHPUR

in collaboration with

CHRIST CHURCH COLLEGE, KANPUR

REPORT OF THE REFRESHER COURSE

The Jai Narain Vyas University, Jodhpur, in collaboration with Christ Church College, Kanpur, organized an online UGC-HRDC Refresher Course on Climate Action and Disaster Management from January 27th to February 10th, 2023. Prof. Meet Kamal was the coordinator of the Refresher Course from Christ Church College, Kanpur. Following is the day-wise report of the entire course program:

DAY-1:

Professor Sanjay Kumar, the esteemed Vice-Chancellor of Amity University, emphasized the significance of inner self-development and collaborative research efforts. Delving into the four pillars of the New Education Policy—Equality, Inclusivity, Accessibility, and Affordability—Professor Kumar outlined a strategic research approach: Mind to Market, Campus to Corporate, and Institution to Industry. He underscored the vital need to translate theoretical concepts into real-world applications.

Professor Alok Kumar Chakrawal, Vice-Chancellor of G G Central University, Bilaspur, delved into life's true essence and urged participants to be accessible to those facing challenges. He highlighted the importance of cultural reflection and spirituality in problem analysis and solution formulation. Professor Shiv Singh, former Chairman of RPSC, Rajasthan, concentrated on disaster management, elucidating the connection between human activities, nature, and resultant disasters. He underscored the need to align contemporary challenges with traditional cultural values for effective resolution. Professor Kamlesh Mishra, Former Registrar, RDV, Jodhpur, linked Professor Shiv Singh's insights to the current water crisis in Jodhpur, emphasizing the importance of sustainable development in environmental and tourism contexts. Professor Rajesh Kumar Dubey, Director of UGC-HRDC, Jodhpur, outlined the objectives of the Refresher Course, emphasizing the integration of digital pedagogy, andragogy, and technology-enabled learning for sustainable education. After the break, Professor G.P. Sahu stressed the importance of experimentally validated concepts in research. He presented a three-step process for efficient literature review, emphasizing the need for



focused reading and utilization of tertiary resources.

Dr. Manoj Kumar Daniwal demonstrated the use of SPSS, guiding participants on importing and utilizing data effectively. Professor Vijay Jariwala discussed the role of Artificial Intelligence in higher education, highlighting its incorporation in the National Education Policy 2020 and cautioning against potential pitfalls in its application.

DAY-2:

Day 2 of the workshop featured three insightful sessions. In Session 1, Dr. Sharma discussed the significance of Moodle Cloud Software in facilitating online meetings. The software allows seamless sharing of e-content like courses, classes, quizzes, and assignments. In Session 2, Dr. Sharma delved into Artificial Intelligence Modeling, emphasizing its reliance on past data and its transformative impact on various industries. UNESCO is considering implementing data science in education to personalize student learning experiences. Sessions 3 and 4 focused on Effective e-content development using Instructional design, highlighting its six key stages: analysis, design, development, testing, implementation, and evaluation. Instructional design makes eLearning learner-centric, employing various models to motivate learners, prepare them for real-world situations, influence thinking and behavior, enhance completion rates, and improve recall and retention power. Overall,

Instructional design promotes experiential learning, fostering essential skills such as critical thinking, teamwork, and communication.

DAY-3:

On Day 3, Professor Dr. Ashok Kumar Sharma provided a comprehensive tutorial on Canvas, covering account creation, certificate generation, messaging, and the development of Massive Open Online Courses (MOOCs) using Moodle. Emphasizing the evolving role of teachers, he highlighted the significance of ICT tools in education. The session aimed to motivate students for online courses, encourage participants to enroll in domain-specific Refresher courses and guide them on MOOC development. Dr. B.S. Balaji's lectures in Sessions 3 and 4 focused on crossword puzzles and rubrics preparation, offering insights to create a multi-dimensional learning platform. The importance of continual learning and adaptation was underscored, emphasizing that literacy in the 21st century involves a willingness to learn, unlearn, and relearn.



DAY-4:

Renowned speaker Prof. Ram Pathak delivered an insightful lecture on the "Importance of Soft Skills in Modern Research." He highlighted the qualities of an ideal researcher, the significance of academic personal branding, essential aspects of the research process, and ethical considerations in writing research papers. Prof. Pathak emphasized the combination of emotional, social, professional, and physical skills in researchers. Key soft skills for success included self-confidence, leadership, problem-solving, public speaking, and effective communication. He stressed the importance of building a personal brand to convey passion, talent, and goals. The

session provided valuable insights for teachers, faculty, and students, enhancing their understanding of research practices.

DAY-5:

In Session I, Dr. Ved Prakash Yadav from Rajasthan Agriculture Research Institute discussed agriculture and climate change, emphasizing the need for a 70% increase in global agriculture production by 2050. He addressed the sector's role in greenhouse gas emissions and advocated for mitigation through reduced deforestation, improved soil management, and increased productivity. Dr. Yadav highlighted strategies to manage water resources, promote integrated farming systems, and enhance livelihoods. Additionally, he emphasized the significance of millets, designated as the International Year of Millets by the United Nations in 2023. In Session II, Dr. Rupam Mukherjee spoke on crafting effective research proposals, providing valuable insights for faculty members attending the online refresher course on climate action and disaster management.

DAY-6:

Day 6 of the Refresher Course featured Prof. Rajesh Kumar Dubey's expert comments and a talk by Dr. O.P. Shukla on "Hypothesis Testing in Quality Research," covering dispersion measures, skewness, kurtosis, estimation, sampling distribution, and hypothesis types. The second session by Dr. Anil K Mishra highlighted the importance of teachers staying updated, integrating research into teaching, and improving classroom strategies. Prof. Chetan Srivastava, in Session 3, discussed trends in social science research, emphasizing academic excellence, intellectual freedom, and the criteria for quality research. The sessions were encouraging, informative, and beneficial for participants at all levels.

DAY: 7-10:

Days 7-10 focused on climate change, emphasizing human activities as its main driver, particularly through fossil fuel use. Consequences include droughts, water scarcity, fires, sea-level rise, floods, melting polar ice, storms, and biodiversity loss. The link between natural hazards and disasters lies in vulnerability and lack of preparation. Climate change amplifies risks by increasing hazards and community vulnerability. Practical steps to combat climate change were discussed, advocating for individual actions like reducing meat consumption, flying less, using energy responsibly, and supporting green spaces. The sessions provided a novel perspective on personal contributions to environmental protection and climate change mitigation.

DAY-11:

Session 1 featured Dr. Manisha Shukla's engaging lecture on "Nature, its Harmony and Human Self-Regulation." She emphasized understanding one's role in nature and achieving harmony for continuous human happiness. Dr. Shukla highlighted the four orders of dependence—Bio, Animal, Physical, and Human—underscoring the need for the right understanding to fulfill human order and avoid environmental exploitation. Session II focused on Antarctica as the Earth's last sentinel against climate change, with Prof. I.K. Pai shedding light on its importance and the catastrophic consequences of melting polar ice. Dr. Sabina Bodra's Session III explored the economic impacts of climate change, addressing loss of life, and



property, disruptions in supply chains, and growing inequality. The sessions provided valuable insights into preserving Earth and mitigating climate change.

DAY-12:

In the first session of Day 12, Prof. Dhruv Sen Singh discussed the interconnection of physical geography and natural hazards, emphasizing the role of geography in understanding, predicting, and mitigating events like earthquakes, hurricanes, and floods. The lecture highlighted the importance of interdisciplinary approaches considering both natural processes and human activities in managing hazard risks. In Session 2, Mr. Kumar Tushar Srivastava explored "IPR & Climate Change," underscoring the significance of patents for researchers. He emphasized how patents protect inventors' exclusive rights, encourage innovation, and contribute to societal development. The session provided valuable insights for researchers on safeguarding their work and exploring new dimensions.

VALEDICTORY SESSION:



In the valedictory session of the refresher course, Dr. Nidhi Sandal welcomed attendees and introduced the concept of FID. Dr. Meet Kamal presented an insightful overview of the climate action and disaster management refresher course. Professors Sudhir Gupta, Prof. Joseph Daniel, and Mr. Rajesh Kumar Dubey shared their perspectives. Guest of honor speeches were delivered by Prof. R. K. Dwivedi from CSJMU, Kanpur, and Dr. Niloy Khare from the Ministry of Earth Science, Government of India. Prof. Anand Prakash, the honorable VC of MG Central University, served as the chief guest, while Prof. K. L. Srivastava, VC of JNV University, Jodhpur, gave the chairperson's address. Dr. Anindita Bhattacharya, the program coordinator, expressed gratitude to the esteemed speakers in her vote of thanks.

(**Prof. Meet Kamal**) Coordinator



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			Name						Overall	Total
				Comments	Seminar	Ar ticle	Micro-teaching	MCQs	Perfor mance	
		0	Alizzana Alt A							
	1	Dr.	Akram Ali A+	Good	20	20	15	12	20	87
	2	Dr.	Amrita Majumder B							
		UI.		Not regular	-	-	-			
	3	Ms.	Ananya Ohdedar A+	Good	20	20	15	15	20	90
				Good	20	20		15		
	4									
	·	Ms.	Ananya Sarkar	Absent						
	5	Dr.	Anil Kumar Solanki B	Article plag rep					20	
	5	01.		nt submitted					20	
	6	Dr.	Anindita Bhattacharya A+	good	20	20	15	20	20	95
	7	Dr.	Ashim Kumar Nathaniel A	ok	15	20		12	20	67
			Ashini Kumar Nathanier A	OK	15	20		12	20	07
	8	Mr.	Ashok Kumar A	ok		20	15	12	20	67
				1						
	9									
		Dr.	Ashok Kumar Ranjan A+	Good	20	15	15	13	20	83
	10									
		Dr.	Atul Singh Bharadwaj A+	Good	20	20	15	12	20	87
	11	14-	Dilyach Dutte A.							
		Mr.	Bikash Dutta A+	Good	20	20	15	13	20	88
	12									
	12	Dr	Chandrakanta Verma	ABSENT						
				- DOL: 1						
	13									
		Dr.	Choudhari Shailendra Sadashiv A+	Good	20	20	13	12	20	85
	14									
		Dr.	Deepa Srivastava A+	Good	20	20	13	12	20	85
	15									
<u> </u>		Dr.	Deepanjali Pandey A+	0.1	20	20	12	12	20	0.5
		Ur.	Deepanjali Pandey A+	Good	20	20	13	12	20	85
				Not uploaded		-				
				on link anything						
	16	Ms.	Deepika Sharma							

List of Participants in UGC-HRDC Refresher Course (Online) on "Climate Action and Disaster Management"



Dr.	Deeplata Sharma	ABSENT						
Dr.	Dharmendra Kumar Sahu A+	Good	15	15	15	15	12	72
Dr.	Dhondiram Tukaram Sakhare A+	Good	20	20	20	15	15	90
Mr.	Govind Prasad Sarswat A+	Good	20	20	20	15	15	90
Dr.	Hakim Singh A	ok	20	15	20	15	15	85

22	Mr.	Harendrakumar Chhaganlal A+ Bamburde	Good	20	15	20	15	15	85
23		Harish Kapasya	ABSENT						
24	Dr.	Himani Chaurasia A	Plag report nt sub	20	15	15	12	15	77
25	Dr.	Jaidev Kumar	ABSENT						
26	Dr.	Jyoti Ramesh Singh A +	Good	20	15	20	15	15	85
27	Dr.	Kailash Dan Ratnu A+	Good	20	15	20	15	15	85
28	Dr.	Kavita Choudhary A+	Good	20	15	15	15	15	80
29	Dr.	Kumud Kant Awasthi A+	Good	20	15	15	15	15	80
30	Dr.	Kushal Singh A	0k	20	15	20	15	15	85
 31	Dr.	Leena Goyal A	ok	20	15	15	15	12	77
32	Dr.	Leena Guyar A	ок	20	15	15	15	12	11
	Dr.	Madhu Sharma A+	good	20	15	20	15	15	85
33	Dr.	Mahesh Kumar Jangid A	Seminar nt presented /Nt regular	15	15	15	15	12	72
			regular						

34	Dr.	Manju Lata	ABSENT						
35	Mr.	Manmohan Arya	ABSENT						
36	Dr.	Manu Faujdar A	Not at all regular	15	15	15	15	12	72
37	Dr.	Meet Kamal A+	good	20	20	15	15	20	90
38	Dr.	Mohd Meraj Jafri B	Not uploaded anything	•	-	-	-	-	-
39	Dr.	Monika Singh A+	Good	20	20	15	15	15	85
40	Mrs.	Mridula Samson	Not regular/ not uploaded anything						
41	Mr.	Narender Kumar A	ok	20	20	10	12	10	72
			Good	20	20	15	12	10	77

42	Dr	Narmada Singh A+ Neeti			1				
43	Dr	Mishra	Left out						
44	Dr.	Nimesh Kumar Choubisa	ABSENT						
45	Mr.	Nitish Bhooshetty	ABSENT						
46	Mr.	Niyaz Ahmad Khan	ABSENT						
47	Dr.	Omkumari A	ok	20	20	10	10	10	70
48	Dr.	Parul Gurjar	ABSENT						
49		Pooja Jain	ABSENT						
50	Dr.	Poonam Mehrotra	ABSENT						
51		Prakash Chand Thakur	ABSENT						

		1	Plag rep not	1					
52	Dr.	IPramod Kumar A	Plag rep not subm	20	20	10	10	10	70
53	Dr	IPraveen I ribathi A	Plag rep not subm	20	20	10	10	10	70
54	Dr.	IPravin Kumar Singh A+	Plag rep not subm	20	20	20	15	15	90
55	Ms.	IPreeti Sharma B	Not uploaded anything						
56	Mr.	Pushkar Singh Bagria	ABSENT						
57	Dr.	IRadna Rahi B	Not regular in session						
58	Mr.	Rajesh Kumar Verma A	Ok	20	20	10	10	10	70
 59	Dr.	Rakesh Kumar							
	Dr.	Ranjeet Kumar A+	Good	20	20	20	15	15	90
 61	Mr.	Rasbihari	ABSENT						
62	Dr.	IRASIMI Adrawal A+	Plag rep nt admt	20	20	20	15	15	90
63	Dr.	Ravendra Singh A+	good	20	20	20	15	15	90

	64	Dr	Rohini Jamwal A+ Rohit	Good	20	20	20	15	15	90
	65		Kumar A+	Good	20	20	20	15	15	90
		Dr								
		•		Nt Regular/						
	66	Dr.		plag report nt submittes	20	20	20	10	10	70
				suomittes						
_		-								
	67	Dr.	S Tameem Sharief A+	Good	20	20	20	15	15	90
	68									
		Ms.	Sakshi Shukla A+	Good	20	20	20	15	15	90
	69									
		Dr.	Sandeep Kumar Singh	ABSENT						

70	Dr.	Sanjeev Kumar A	ok	20	20	10	10	10	70
_71	Dr.	Sanjeev Kumar Yadav	ABSENT						
72	Dr.	Sarita Chaudhary	ABSENT					_	
73		our au onodanon y							
	Dr.	Satya Prakash Singh	Nt regular						
74	Dr.	Shakuntala Devi Rana	ABSENT						
75									
	Dr.	Shashi Bala Singh A+	Good	20	20	20	15	15	90
76	Mrs.	Shikha Mishra A+	Plab/session rep nt subm	20	20	20	15	15	90
77	Dr.	Shikha Verma A+	Good	20	20	20	15	15	90
78	Dr.	Shubh Karan A+	Good	20	20	20	15	15	90
79	Dr.	Shweta Chand A+	Cont	20	20	20	16	16	90
80	Ur.	Shweta Chand A+	Good	20	20	20	15	15	90
-80	Dr.	Sonia Singla	ABSENT						
81	Dr.	Sudha Agrawal A+	Good	20	20	20	15	15	90
82	Dr.	Sudhir Gupta A+		20	20	20	15	15	90
83									
	Dr.	Sudhir Kumar A+	Good	20	20	20	15	15	90
84	Dr.	Sujata Chaturvedi A+	Good	20	20	20	15	15	90
85	Dr.	Sunitha Kanipakam	ABSENT						
86									
	Dr.	Suresh Kag A+	Good	20	20	20	15	15	90
-								_	

87 Dr. Sushila A Seminar nt 20 20 10 10	10 70	
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Prof. Meet Kamal Coordinator Refresher Course







(UGC-HUMAN RESOURCE DEVELOPMENT CENTRE)

Jai Narain Vyas University

Jodhpur-342001, Rajasthan | Cell: 9198218888 | E-mail: directorhrdc@gmail.com |

Certificate of Participation

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On

Climate Action & Disaster Management

This is to certify that: -Name of the Participant: College / University:

Dr. Anindita Bhattacharya Christ Church College, Kanpur.

Participated in the Refresher Course

A+

Duration: And obtained Grade: From: 27/01/2023 To: 10/02/2023





(Prof. Meet Kamal Dwivedi) Coordinator (RC: CA & DM)



(Prof. Rajesh Kumar Dubey) Director UGC-HRDC, JNVU, Jodhpur

(Prof. K. L. Srivastava) Vice-Chancellor JNV University, Jodhpur









(UGC-HUMAN RESOURCE DEVELOPMENT CENTRE)

Jai Narain Vyas University

Jodhpur-342001, Rajasthan | Cell: 9198218888 | E-mail: directorhrde@gmail.com |

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This is to certify that: -Name of the Participant: College / University:

Dr. Ashim Kumar Nathaniel N-75, Sector N, Awas Vikas, Keshavpuram, Kanpur.

Participated in the Refresher Course

Duration:

And obtained Grade:

From: 27/01/2023 To: 10/02/2023

A+





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(Prof. K. L. Srivastava) Vice-Chancellor JNV University, Jodhpur







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Dr. Meet Kamal Christ Church College, Kanpur.

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(Prof. K. L. Srivastava) Vice-Chancellor JNV University, Jodhpur







(UGC-HUMAN RESOURCE DEVELOPMENT CENTRE)

Jai Narain Vyas University

Jodhpur-342001, Rajasthan | Cell: 9198218888 | E-mail: directorhrdc@gmail.com |

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This is to certify that: -Name of the Participant: College / University:

Dr. Shweta Chand Christ Church College, Kanpur.

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(Prof. Meet Kamal Dwivedi) Coordinator (RC: CA & DM)



(Prof. K. L. Srivastava) Vice-Chancellor JNV University, Jodhpur







(UGC-HUMAN RESOURCE DEVELOPMENT CENTRE)

Jai Narain Vyas University

Jodhpur-342001, Rajasthan | Cell: 9198218888 | E-mail: directorhrdc@gmail.com |

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Climate Action & Disaster Management

This is to certify that: -Name of the Participant: College / University:

AT% and above

Dr. Sudhir Gupta Christ Church College, The Mall, Kanpur.

Participated in the Refresher Course

Duration: And obtained Grade: From: 27/01/2023 To: 10/02/2023



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E:	Heliow 49%	3	Halatic response (ponctuality, regularity, initiative, conduct, responsibleness, etc.)	20
C	39% to 50%	1.1	Micro-teaching portacipation	- 20
8	69% 10 60%	1	Project/survey others	- 20
A.,	8494-50 7094	2.0	Seminaro/porticipant presentation	20



(Prof. Meet Kamal Dwivedi) Coordinator (RC: CA & DM)



(Prof. K. L. Srivastava) Vice-Chancellor JNV University, Jodhpur







(UGC-HUMAN RESOURCE DEVELOPMENT CENTRE)

Jai Narain Vyas University

Jodhpur-342001, Rajasthan | Cell: 9198218888 | E-mail: directorhrdc@gmail.com |

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Dr. Sujata Chaturvedi Christ Church College, Kanpur, Uttar Pradesh.

Participated in the Refresher Course

A+

Duration: And obtained Grade: From: 27/01/2023 To: 10/02/2023





(Prof. Meet Kamal Dwivedi) Coordinator (RC: CA & DM)



(Prof. K. L. Srivastava) Vice-Chancellor JNV University, Jodhpur