

**UGC – Human Resource Development Centre  
Jawaharlal Nehru University, New Delhi**

**5<sup>th</sup> Refresher Course (Interdisciplinary) in Contemporary Studies (Natural Sciences, Environmental Sciences, Biological Sciences, Demography and Education)**

31<sup>st</sup> December to 25<sup>th</sup> January, 2019

**Course coordinators:**

**Prof. Bhagat Oinam**

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**List of participants**

Sl. No.	NAME	STATE
1	ANITA YADAV	HARYANA
2	BARJINDER PAL KAUR	HARYANA
3	CHANDRA SHEKHAR DIWAKAR	UTTAR PRADESH
4	DEEPAK KUMAR PANDEY	UTTAR PRADESH
5	DEV PRAKASH SINGH	PUNJAB
6	DHARMENDRA KUMAR	UTTAR PRADESH
7	DHARMENDRA KUMAR MALLICK	DELHI
8	DHARMESH HARWANI	RAJASTHAN
9	EKTA DUGGAL	DELHI
10	FARHANA KHATOON	WEST BENGAL
11	FIRDOOS AHMAD ITOO	JAMMU & KASHMIR
12	HOMEN THANGJAM	MANIPUR

13	JAVED MOHAMMAD IQBAL	JAMMU & KASHMIR
14	JITENDRA KUMAR	JHARKHAND
15	KESANG WANGMO BHUTIA	SIKKIM
16	KHURAIJAM BIJOY KUMAR SINGH	DELHI
17	KIRAN	DELHI
18	MANASHI BORTAMULY	ASSAM
19	MANMOHAN VERMA	UTTAR PRADESH
20	MOHAMMAD AMIN MIR	JAMMU & KASHMIR
21	N. CHANDRIKA DEVI	DELHI
22	NAOREM SARITA DEVI	MANIPUR
23	NARENDER KUMAR	DELHI
24	NAVEEN MITTAL	DELHI
25	NITISH MONDAL	ASSAM
26	POTSHANGBAM BIJAYA DEVI	MANIPUR
27	PRIYANKA SINGH	BIHAR
28	PUKHRAMBAM DEVJANI	MANIPUR
29	RACHNA SIROHI	DELHI
30	RUHEELA HASSAN	JAMMU & KASHMIR
31	SASHI BHUSHAN	UTTAR PRADESH
32	SAVITA BUDHWAR	HARYANA
33	SHABNUM ARA	JAMMU & KASHMIR
34	SHELMI SANKHIL	DELHI
35	SHUKLA SALUJA	DELHI
36	SMRITI SHARMA BHATIA	DELHI
37	SURAJIT SARKAR	DELHI
38	SURENDER KUMAR ROHILLA	DELHI
39	VINEET KUMAR AGOTIYA	JHARKHAND
40	YUVRAJ GURUNG	WEST BENGAL

## Schedule

### Week - I

DATE	9:00 am-09.45 pm	10.00 am - 11.00 am	11.00 am - 11.30 am	11.30 am - 12.30 pm	1:00 pm – 2:00 pm	2:00 pm onwards		
Monday, December 31, 2018	Registration UGC-HRDC, JNU	Inaugural Session Committee Room, UGC-HRDC, JNU	High Tea HRDC Lawn, JNU	Interaction with the Course Coordinators	Lunch UGC- HRDC, JNU	Registration to be continued		
DATE	9:30am -11:00am	11.00 am - 11.30 am	11:30 am-1:00 pm		1.00 pm- 2.00 pm	2.00 pm - 3.30pm	3.30 pm – 3.45 pm	3:45 pm-5:15 pm
Tuesday, January 1, 2019	Prof. Ravindra B. Bapat <i>“Graph Theory and Applications”</i>	<b>Tea Break</b>	Dr. Yagati Chinna Rao <i>“Understanding Social Exclusion”</i>		<b>Lunch Break</b>	Prof. H.S. Shivaprakash <i>“Critique of Research Methodology”</i>	<b>Tea Break</b>	Prof. Andrew M. Lynn <i>“The Evolution of Bioinformatics”</i>
Wednesday, January 2, 2019	Prof. R. K. Brojen <i>“Bridging Science and Social Sciences through Computational Techniques”</i>		Prof. Raghawendra Pratap Singh <i>“Western Education, Indian Variant and Gandhi”</i>			Prof. A. L. Ramanathan <i>“Major environmental problems and possible indigenous remedies-an over view”</i>		Prof. S. Srinivas Rao <i>“Current Trends in Education”</i>
Thursday, January 3, 2019	Prof. V. T. Sebastian		Prof. T. V. Vijay Kumar <i>“Big Data”</i>			Dr. Naidu Subbarao <i>“Drug Discovery &amp; Drug Development for TB, Malaria &amp; Cancer”</i>		Prof. Indira Ghosh <i>“Interdisciplinary Approach to Drug Design”</i>
Friday, January 4, 2019	Dr. A. Krishnamachari		Dr. Manorama Tripathi <i>“Anti-Plagiarism and Reference Management Tool”</i>			Dr. Jagdish Chand Bansal <i>“How to get Publish?”</i>		Prof. Dhruv Raina

**Week - II**

<b>DATE</b>	<b>9:30am -11:00am</b>	<b>11.00 am – 11.30 am</b>	<b>11:30 am-01.00 pm</b>	<b>1.00 pm- 2.00 pm</b>	<b>2.00 pm - 3.30 pm</b>	<b>03.30 pm – 03.45 pm</b>	<b>3:45 pm-5:15 pm</b>
Monday, January 7, 2019	Dr. Shashi Tyagi <i>“Genomic &amp; Genetically Modified Plants”</i>	<b>Tea Break</b>	Prof. Anirban Charkraborti <i>“What is Econophysics”</i>	<b>Lunch Break</b>	Prof. Harjeet Kaur Bhatia <i>“Philosophical framework for Teachers”</i>	<b>Tea Break</b>	<i>Library</i>
Tuesday, January 8, 2019	Prof. Saradindu Bhaduri <i>“Understanding Frugality in the Context of Science, Technology and Innovation”</i>		Prof. Dipendranath Das <i>“API Issues”</i>		Dr. Saroj Kumar Sahni SAU <i>“Computational Biology”</i>		Prof. Shandaar Ahmad <i>“Data Driven Biology”</i>
Wednesday, January 9, 2019	Prof. Khurram Mustafa <i>“Scientific Methods”</i>		Prof. Raghawendra Pratap Singh <i>“Knowledge and Power”</i>		Dr. Jyoti Atwal <i>“Cultural Trauma as a Historical Method”</i>		Prof. Avanish Kumar <i>“Evolving Scientific and Technical Terminology”</i>
Thursday, January 10, 2019	Prof. Kaushal Kishore Sharma <i>“Time Space and Migration”</i>		Dr. Shivo Bakar CSIRO & ANU		Dr. Deepa Sinha <i>“Social Network”</i>		Dr. Promila Kumar <i>“Data Analysis using MS Excel”</i>
Friday, January 11, 2019	Prof. Vinay Srivastava <i>“Engaging Anthropology-I”</i>		Prof. Vinay Srivastava <i>“Engaging Anthropology-II”</i>		Dr. Sanjeev Sharma <i>“Himalayan Communities”</i>		Prof. T. V. Vijay Kumar <i>“Artificial Intelligence &amp; Applications”</i>

**Week - III**

<b>DATE</b>	<b>9:30am -11:00am</b>	<b>11.00 am – 11.30 am Tea Break</b>	<b>11:30 am-01.00 pm</b>	<b>1.00 pm-2.00 pm Lunch Break</b>	<b>2.00 pm - 3.30 pm</b>	<b>03.30 pm – 03.45 pm Tea Break</b>	<b>3:45 pm-5:15 pm</b>
Monday, January 14, 2019	Dr. Nirala Ramchiary  <i>"Understanding what makes Bhut Jolokia (King chilli) the Fiery Ghost"</i>		Prof. Dhruv Raina  <i>"Crisis of Science and Social Science"</i>		Prof. Amit Bardhan  <i>"Prescriptive Analytics: Hedge from optimization"</i>		Prof. Chander Mohan  <i>"Science Communication and Popularization"</i>
Tuesday, January 15, 2019	Dr. Kapil Kumar Sharma  <i>"Applications of Maths in Contemporary World"</i>		Prof. Avanish Kumar  <i>"Real World Modelling"</i>		Prof. Sachidanand Sinha  <i>"Understanding Social Well-being"</i>		Prof. Bindu Puri  <i>"Reason and Faith"</i>
Wednesday, January 16, 2019	Prof. Pankaj Tyagi  <i>"Innovative Pedagogy must for Innovation"</i>		Prof. Rana Pratap Singh		Prof. K. Srinivas  <i>"Online Course"</i>		Prof. K. Srinivas  <i>"Online Course"</i>
Thursday, January 17, 2019	Prof. Arun Kharat  <i>"Evaluation: Modes and Impact"</i>		Dr. Pramod Kumar Prasad  <i>"Science and Engineering Research Board (SERB) – Empowering Basic Research in India".</i>		Prof. Satish Kumar  <i>"India's Foreign Policy"</i>		Prof. Alka Behari  <i>"Teaching and Learning How to Teach in Higher Education: Pedagogic concern and issues"</i>
Friday, January 18, 2019	Prof. Balram Singh  <i>"Science of Evolution, Microbes: Friends or Foes, and/or Ayurvedice Biotechnology"</i>		Prof. Arun Kumar  <i>"Understanding the Black Economy in India"</i>		Prof. Suman Dhar		Prof. Manoj Sinha  <i>"Motivation &amp; Leadership"</i>

Week - IV

DATE	9:30am -11:00am	11.00 am – 11.30 am Tea Break	11:30 am-01.00 pm	1.00 pm-2.00 pm Lunch Break	2.00 pm - 3.30pm	03.30 pm – 03.45 pm Tea Break	3:45 pm-5:15 pm
Monday, January 21, 2019	Prof. Satish Chandra Garkoti	<b>GROUP PHOTO</b>	Prof. Pankaj Gupta <i>“AHP for Discussion Making”</i>		Dr. Bhaswati Das <i>“Gender &amp; Equality”</i>		Dr. Adwitiaya Sinha <i>“Social Network Analysis”</i>
Tuesday, January 22, 2019	<i>Group Discussion</i>		Prof. Girish Nath Jha <i>“Information Technology for Sanskrit and Indic Studies”</i>		Prof. Dhananjay Singh <i>“Contemporary Reflections on Natyasastra”</i>		Dr. Arun Srivastava <i>“Indoor Air Quality &amp; Health”</i>
Wednesday, January 23, 2019	<i>Preparation for Group Presentation</i>		<i>Evaluation</i>		<i>Evaluation</i>		<i>Evaluation</i>
Thursday, January 24, 2019	<i>Evaluation</i>		<i>Evaluation</i>		<i>Evaluation</i>		<i>Evaluation</i>
Friday, January 25, 2019	Feedback Session	Valedictory & Certificate Distribution					