

**UGC-Malaviya Mission Teacher Training Centre
Jawaharlal Nehru University
New Delhi**

Website: <https://www.jnu.ac.in/mmttc>

29th Refresher Course in Life Sciences & Biotechnology (RESIDENTIAL MODE)

6th November – 20th November, 2024

Course coordinators:

Prof. Kashyap Kumar Dubey, School of Biotechnology, JNU

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Dr. Rajesh Mishra, School of Biotechnology, JNU

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List of Participants:

Sl. No	NAME	Sl. No	NAME
1	Dr. Aasawari Khairnar	20	Dr. Moitrayee Banerjee Chakraborty
2	Dr. Aditya Abha Singh	21	Dr. N. Radhakrishnan
3	Dr. Alok Kumar Singh	22	Dr. Namita Ashish Singh
4	Mr. Anuruddha Singh	23	Dr. Nisha Singh Tomar
5	Dr. Bipin Chandra Pathak	24	Dr. Padma vashist
6	Dr. Chhaya Singh	25	Mr. Pushpendra
7	Mr. Chinmaya Kandi	26	Dr. R. Manikandan
8	Dr. Daulat Ram Gwalwanshi	27	Dr. Ranjana Sahu
9	Dr. Dev Bukhsh Singh	28	Dr. Ranjna Nagpal Koul
10	Dr. Dhananjay Soren	29	Dr. Ripu Daman Parihar
11	Dr. Dipti Thakuria	30	Dr. Ritu Mishra
12	Mr. Domdatt Singh	31	Dr. Ritu Mishra
13	Dr. Gopal Krishna Shukla	32	Dr. Sangeeta Tomar
14	Dr. Gouri Nandi	33	Dr. Shalini Mudalkar
15	Mr. Kailash Kumar Thakre	34	Mr. Shrikant Gautam
16	Khirod Kumar Sahoo	35	Dr. Srikanta Jena
17	Lekshmi R	36	Dr. Sunita Kumari Yadav
18	Ms. Madhubala Rathore	37	Dr. Suresh Kumar
19	Dr. Mohita Bhagat	38	Dr. Tripta Jain

Schedule
Week I

DATE	09.00 am - 10.00 am	10.30 am - 11.00 am	11:00 am - 11:30 am	11:30 am - 01:00 pm	1:00 pm - 2:00 pm	2:00 pm - 03.30 pm	03.30 pm - 03.45 pm	03.45 pm - 05.15 pm
Wednesday November 6, 2024	Registration	Inaugural Programme	Tea Break	Interaction with Course Coordinators	Tea Break	Prof. Supriya Chakraborty <i>"Plant-virus Interactions"</i>	Tea Break	Dr. Neel Bhavesh <i>"Visualizing Biology"</i>
DATE	09.30 am - 11.00 am		11.00 am - 11.30 am	11:30 am-01.00 pm	1.00 pm-2.00 pm	2.00 pm - 3.30pm	3.30 pm - 3.45 pm	3:45 pm-5:15 pm
Thursday, November 7, 2024	Dr. Sushil K. Jha <i>Recent Trends in Neuroscience</i>		Tea Break	Prof. Rajiv Bhat <i>"Understanding Protein folding and Stability aspects: Biomedical and Industrial Applications"</i>	Tea Break	Dr. C. Bharadwaj <i>"Mobilizing Genes to Varieties: The Success of Genomics Assisted Breeding (GAB) in Plants"</i>	Tea Break	Prof. Suneel Kateriya <i>"Optobiotechnology"</i>
Friday, November 8, 2024	Prof. Vivek Kumar			Prof. Ananda K. Sarkar <i>"Small RNA in Plant Development"</i>		Dr. Bhupendra Chowdhary <i>"Unravelling Genetic Threads: Cotton Fibre Domestication and Agronomic Enhancement"</i>		Prof. Rupesh Chaturvedi <i>"Omics"</i>
Saturday November 9, 2024	<i>Assignment Work</i>			<i>Assignment Work</i>		<i>Assignment Work</i>		<i>Assignment Work</i>

Week II & III

DATE	09.30 am - 11.00 am	11.00 am - 11.30 am	11:30 am-01.00 pm	1.00 pm-2.00 pm	2.00 pm - 3.30pm	3.30 pm - 3.45 pm	3:45 pm-5:15 pm
Monday November 11, 2024	Prof. Ramesh V. Sonti <i>"Biotechnological Tools for Crop Improvement"</i>	Tea Break	Dr. Meenakshi Munshi <i>"Essentials of Grant Writing"</i>	Lunch Break	Dr. Ravi Verma	Tea Break	Prof. Yogender Pal Khasa <i>"Recombinant expression and purification of proteins"</i>
Tuesday November 12, 2024	Dr. Alok K. Sinha <i>"Signal Transduction through Mitogen-Activated Protein Kinase in Plants"</i>		Dr. Arvind Pratap Singh <i>"Microbiome"</i>		Dr. Ravi Kumar <i>"Chromosome condensation"</i>		Prof. K. Natarajan <i>"Leveraging Incubation Opportunities to Build Successful Startups"</i>
Wednesday November 13, 2024	Dr. Jitendra K. Thakur <i>"Mediator as a processor of transcriptional signal"</i>		Prof. Shilpee Dutt <i>"Management of Cancer Resistance: Strategies for Effective Treatment"</i>		Prof. Ajay K. Saxena <i>"Structure-based Drug Design"</i>		Dr. Sanjay Mishra
Thursday November 14, 2024	Prof. Ritu Kulshreshtha <i>"Micro RNA"</i>		Prof. Shrikant Kukreti <i>"Nucleic acid Chemistry"</i>		Dr. Archana Singh <i>"Omics: The Way Forward to Investigate Stress Tolerance in the Era of Climate Change"</i>		Prof. Sivaram Mylavarapu
Friday November 15, 2024	<i>Gazetted Holiday</i>		<i>Gazetted Holiday</i>		<i>Gazetted Holiday</i>		<i>Gazetted Holiday</i>
Saturday November 16, 2024	<i>Assignment Work</i>		<i>Assignment Work</i>		<i>Assignment Work</i>		<i>Assignment Work</i>
Monday November 18, 2024	Dr. Debasis Chattopadhyay <i>"Genome Sequencing as a tool for developing genetic resources for agriculture and medicine"</i>		Dr. Aasish Ranjan <i>"Genomics Approaches to Investigate Plant Structure and Function: A Case Study with Photosynthesis"</i>		Prof. Praveen K. Verma <i>"Research and Development in HEI"</i>		Prof. Atul K. Johri
Tuesday November 19, 2024	MCQ (09.00 am 09.30 am) (09.30 am onwards Evaluation)		Evaluation		Evaluation		Evaluation
Wednesday November 20, 2024	Evaluation		Evaluation		Evaluation		Valedictory Session