

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

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

**29<sup>th</sup> Refresher Course in Life Sciences & Biotechnology  
(RESIDENTIAL MODE)  
6<sup>th</sup> November – 20<sup>th</sup> November, 2024**

**Course coordinators:**

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**List of Resource Persons:**

Sr. No.	Name	Topic of lecture	Contact Details
1	Prof. Supriya Chakraborty	<i>Plant-virus Interactions</i>	Professor and Dean, School of Life Sciences, JNU <a href="mailto:supriyachakrasls@yahoo.com">supriyachakrasls@yahoo.com</a>
2	Dr. Neel Sarovar Bhavesh	<i>Visualizing Biology</i>	ICGEB, New Delhi <a href="mailto:neelsb@icgeb.res.in">neelsb@icgeb.res.in</a>
3	Dr. Sushil K. Jha	<i>Recent Trends in Neuroscience</i>	Associate Professor, School of Life Sciences, JNU <a href="mailto:sushil_1000@yahoo.com">sushil_1000@yahoo.com</a>
4	Prof. Rajiv Bhat	<i>"Understanding Protein folding and Stability aspects: Biomedical and Industrial Applications"</i>	School of Biotechnology, JNU <a href="mailto:rajivbhat@mail.jnu.ac.in">rajivbhat@mail.jnu.ac.in</a>
5	Dr. C. Bharadwaj	<i>Mobilising Genes to Varieties: The Success of Genomics Assisted Breeding (GAB) in Plants</i>	Principal Scientist Division of Genetics, IARI, New Delhi <a href="mailto:drchbharadwaj@gmail.com">drchbharadwaj@gmail.com</a>
6	Prof. Suneel Kateriya	<i>Optobiotechnology</i>	School of Biotechnology, JNU <a href="mailto:skateriya@jnu.ac.in">skateriya@jnu.ac.in</a>
7	Prof. Vivek Kumar		Centre for rural development and technology, IIT Delhi <a href="mailto:vivekk@iitd.ac.in">vivekk@iitd.ac.in</a>
8	Prof. Ananda K. Sarkar	<i>Small RNA in Plant Development</i>	Professor, School of Life Sciences, JNU <a href="mailto:aksarkar.jnu@gmail.com">aksarkar.jnu@gmail.com</a>
9	Dr. Bhupendra Chowdhary	<i>Unravelling Genetic Threads: Cotton Fibre Domestication and Agronomic Enhancement</i>	Associate Professor, School of Life Sciences, JNU <a href="mailto:bhupendrach@gmail.com">bhupendrach@gmail.com</a>
10	Prof. Rupesh Chaturvedi	<i>Omics</i>	School of Biotechnology, JNU <a href="mailto:rupesh@mail.jnu.ac.in">rupesh@mail.jnu.ac.in</a> <a href="mailto:rupesh.chaturvedi.jnu@gmail.com">rupesh.chaturvedi.jnu@gmail.com</a>

11	Prof. Ramesh V. Sonti	<i>Biotechnological Tools for Crop Improvement</i>	Director, ICGEB, New Delhi <a href="mailto:sonti@icgeb.res.in">sonti@icgeb.res.in</a> ; <a href="mailto:rameshvsonti@gmail.com">rameshvsonti@gmail.com</a>
12	Dr. Meenakshi Munshi	<i>Essentials of Grant Writing</i>	Former Advisor Department of Biotechnology (DBT) <a href="mailto:meenakshi29.dbt@nic.in">meenakshi29.dbt@nic.in</a>
13	Dr. Ravi Verma		Associate Professor School of Biotechnology, JNU <a href="mailto:raviverma@jnu.ac.in">raviverma@jnu.ac.in</a>
14	Prof. Yogender Pal Khasa	<i>Recombinant expression and purification of proteins</i>	Depart of Microbiology, University of Delhi, South Campus yogi110@gmail.com; <a href="mailto:ypkhasa@south.du.ac.in">ypkhasa@south.du.ac.in</a>
15	Dr. Alok Krishna Sinha	<i>Signal Transduction through Mitogen-Activated Protein Kinase in Plants</i>	Scientist VII, NIPGR, New Delhi <a href="mailto:alok@nipgr.ac.in">alok@nipgr.ac.in</a>
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17	Dr. Ravi Kumar	<i>Chromosome condensation</i>	School of Biotechnology, JNU <a href="mailto:ravikr@mail.jnu.ac.in">ravikr@mail.jnu.ac.in</a>
18	Prof. K. Natarajan	<i>“Leveraging Incubation Opportunities to Build Successful Startups”</i>	Professor, School of Life Sciences, JNU <a href="mailto:nat0200@gmail.com">nat0200@gmail.com</a>
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20	Prof. Shilpee Dutt	<i>Management of Cancer Resistance: Strategies for Effective Treatment</i>	Professor, School of Life Sciences, JNU <a href="mailto:drshilpeedutt@gmail.com">drshilpeedutt@gmail.com</a>
21	Prof. Ajay K. Saxena	<i>Structure-based Drug Design</i>	Professor, School of Life Sciences, JNU <a href="mailto:ajay_sxn@yahoo.com">ajay_sxn@yahoo.com</a>
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25	Dr. Archana Singh	<i>Omics: The Way Forward to Investigate Stress Tolerance in the Era of Climate Change</i>	Associate Professor, Department of Plant Molecular Biology, University of Delhi South Campus (UDSC) <a href="mailto:archanasingh@pmb.du.ac.in">archanasingh@pmb.du.ac.in</a>
26	Dr. Sivaram V S Mylavaram Professor		Regional Centre for Biotechnology, Faridabad <a href="mailto:sivaram@rcb.res.in">sivaram@rcb.res.in</a>
27	Dr. Debasis Chattopadhyay	<i>“Genome Sequencing as a tool for developing genetic resources for agriculture and medicine”</i>	Director, NIPGR, New Delhi <a href="mailto:debasis@nipgr.ac.in">debasis@nipgr.ac.in</a>

28	Dr. Aashish Ranjan	<i>"Genomics Approaches to Investigate Plant Structure and Function: A Case Study with Photosynthesis"</i>	Scientist V, NIPGR, New Delhi <a href="mailto:aranjan@nipgr.ac.in">aranjan@nipgr.ac.in</a>
29	Prof. Praveen Verma	<i>"Research and Development in HEI"</i>	School of Life Sciences, JNU, New Delhi Email: <a href="mailto:praveenkverma@jnu.ac.in">praveenkverma@jnu.ac.in</a> ,
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