Office of the Chief Public Relations Officer
Jamia Millia Islamia

Press Release

Malaviya Mission Teacher Training Centre, Jamia Millia Islamia concludes its 2-Week Refresher Course on Basic Sciences (ID) on 11th February, 2026 in online mode

New Delhi, February 16, 2026

The Malaviya Mission Teacher Training Centre (MMTTC), Jamia Millia Islamia successfully organised a two-week online Refresher course on Interdisciplinary Basic Sciences emphasising on the Recent Advancements in Applied Aspects of Life Sciences and Basic Sciences from 29th January to 11th February, 2026.

The programme began with the welcome address by Prof. Kulwinder Kaur, Honorary Director, MMTTC who introduced and thanked the Prof. Ravins and Prof. Syed Naqui Kazim, from Centre for interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, for accepting her invite to jointly coordinate the programme. Further, Prof. Kaur, welcomed the inaugural speaker, Prof. Tanuja, Professor, CIRBSc and Dean Academics, Jamia Millia Islamia. She also shared a profile of the participants and thanked them for choosing MMTTC, JMI to undertake this programme. Prof Ravins and Prof. Kazim, shared the vision for the course and outlined the themes to be covered in the forthcoming 48 sessions and introduced the first speaker Prof. Tanuja.

Over the span of two-weeks, the programme saw enthusiastic participation from 118 participants representing across 19 Indian states, ranging from central and state institutions to deemed and private universities and 11 different disciplines. The programme brought together eminent academicians, public health experts, medical professionals, and scientists from leading institutions across the country.

Prof. Tanuja in her talk emphasised the need and relevance of interdisciplinary research and its diverse perspectives influencing higher education in India. Prof. Zahid Ashraf, Professor, Department of Biotechnology and Dean Faculty of Life sciences, JMI, shared the findings of his research related to miRNA, and its prospect as smart medicine for better and effective management of human diseases with respect to the diagnostics and treatment.

The refresher course featured a galaxy of eminent scientists, scholars and academician from premier institutions such as Jawaharlal Nehru University, various IITs, National Physical Laboratory (NPL), ICAR-NBPGR, ICGEB, University of Delhi, Department of Health Research-ICMR, Jamia Hamdard, AcSIR, IASRI, Era University, NII, NIT, ILBS, and Delhi Technical University (DTU) etc.

Renowned invited speakers, well recognised in their respective fields such as Prof. Sher Ali, Prof. Faizan Ahmad, Prof. Rajiv Bhat, Dr. Jameel Akhtar, Prof. Indrakant Singh, Dr. Tanveer Ahmad, Prof. Suhel Parvez, Dr. Mairaj Ahmed Ansari, Prof. Vivekanand Perumal, Prof. Rup Lal, Dr. Naseem Gaur, Prof. Amit Kumar Verma were among those resource persons who addressed the themes covered under the broad field of life sciences. They mainly talked about, biomolecules, macromolecules, protein structure and folding along with their biomedical applications, plant biology and plant quarantine, science of electrophysiology and its applications, molecular mechanisms of infectious diseases caused by viruses and other microorganisms, applications of microbes in human life and molecular basis of carcinomas.

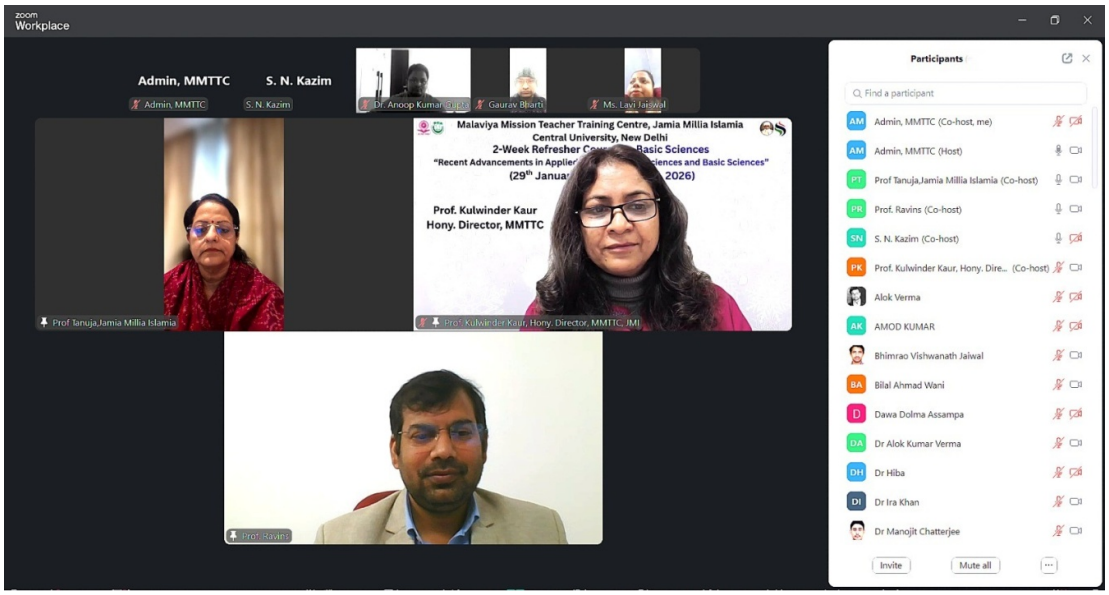
Other eminent speakers such as- Prof. Rahul Katariya, Dr. Manoj Kumar, Prof. Mansaf Alam, Prof. Kiran Chaudhary, Dr. Susheel Kumar Sarkar, Dr. Khalid Raza, Dr. Sachin Jadhav, Prof. Taran Singh Bharti, Prof. Zahid Raza, Dr. Debasisa Mohanty, Dr. Pitam Singh, Prof. Basant K. Tiwary, Prof. Manju Khari, Dr. Prashant K. Shrivastava, Prof. Kedar Singh, Dr. Kunwer Singh Mathur enlightened the participants with their insightful talks on diverse interdisciplinary interfaces connecting basic sciences with each other. In their talks, they shared knowledge pertaining to computer science, information science and technology, Artificial intelligence (AI), Machine Learning (ML) and applications in teaching learning, research and many more spheres of the knowledge systems. The related concerns and challenges were also thoroughly discussed. From basic mathematics to mathematical modelling, applied mathematics, Statistics and Biostatistics, Bioinformatics, Computational biology, Cyber security, Information safety and security were some of the important topics that were discussed in detail by the resource persons. Prof. Tokeer Ahmad, Dr. Mukesh Jewaria, Prof, Nasimul Hoda, Prof. Zishan Husain Khan, made participants aware of the physical and chemical theories, laws and their translational outcomes that have impacted humans to considerable levels. Prof. Haroon Sajjad and Prof. Amit Kumar Verma elaborated upon environmental hazards and sustainable development goals in their respective talks.

A broad spectrum of underlying core and applied aspects associated with human health and diseases, specifically pertaining to Neurology, liver diseases, epidemics, outbreaks of infectious diseases and related preparedness etc. were discussed by medical doctors, dentists and physiotherapists *viz*., Dr. Babita Meena, Dr. Neera Chaudhry, Dr. Ekta Gupta, Dr. Manoj Kumar Sharma, Dr. Saurabh Sharma.
Scientific paper writing, research grants related requirements, good lab practices, quality science, ethics related guidelines in science and research, in academics and education were covered by eminent scholars like Prof. Imtaiyaz Hasan, Prof. Vivekanndan Perumal, Dr. Vikas Dhikav, Dr. Gauhar Raza, and Dr. Prashant K. Srivastava.

Ninety-three participants from across the country and from various science backgrounds successfully completed this two-week online refresher course after rigorous evaluation through seminar presentations by a panel of eminent experts and a test comprising of multiple choice questions.

During the valedictory session, course coordinators Prof. Ravins and Prof. Syed Naqui Kazim provided a detailed description of the academic journey of the past two weeks, commending the participants for their interest and dedication throughout the programme. The session featured an inspiring valedictory address on Artificial Intelligence by Prof. Ahteshamul Haque, Professor of Electrical Engineering at JMI. He highlighted that applications with basics of Machine Learning, were becoming the backbone of modern scientific developments. At the conclusion, the Prof. Kaur, the director of MMTTC took feedback from the participants about the programme and extended thanks to Prof. Ahteshamul Haque, to all the participants and to the coordinators for a wonderfully curated programme. It was encouraging to record the overwhelmingly appreciating feedback from the participants about the design, quality and standards of the entire course content and about the selection of eminent resource persons. In the end, Dr. Shahla, MMTTC, JMI delivered a vote of thanks to all.

Prof. Saima Saeed
Chief Pubic Relations Officer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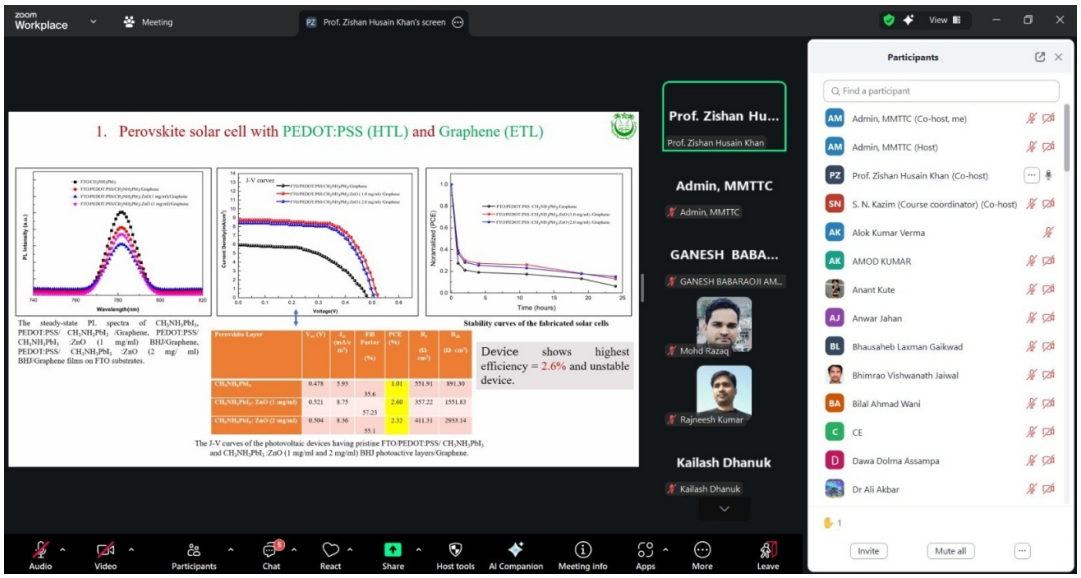
Admin, MMTTC
S. N. Kazim
Dr. Anoop Kumar Gupta
Gaurav Bharti
Ms. Lavi Jaiswal
Malaviya Mission Teacher Training Centre, Jamia Millia Islamia
Central University, New Delhi
Prof. Kulwinder Kaur
Hony. Director, MMTTC
Prof Tanuja,Jamia Millia Islamia
Prof. Ravins
Participants
Admin, MMTTC (Co-host, me)
Admin, MMTTC (Host)
Prof Tanuja,Jamia Millia Islamia (Co-host)
Prof. Ravins (Co-host)
S. N. Kazim (Co-host)
Alok Verma
AMOD KUMAR
Bhimrao Vishwanath Jaiwal
Bilal Ahmad Wani
Dawa Dolma Assampa
Dr Alok Kumar Verma
Dr Hiba
Dr Ira Khan
Dr Manojit Chatterjee
Invite
Mute all


zoom Workplace
Meeting
Prof. Zishan Husain Khan's screen
View
1. Perovskite solar cell with PEDOT:PSS (HTL) and Graphene (ETL)
Device shows highest efficiency = 2.6% and unstable device.
Prof. Zishan Hu...
Prof. Zishan Husain Khan
Admin, MMTTC
GANESH BABA...
Mohd Razaq
Rajneesh Kumar
Kailash Dhanuk
Participants
Prof. Zishan Husain Khan (Co-host)
S. N. Kazim (Course coordinator) (Co-host)
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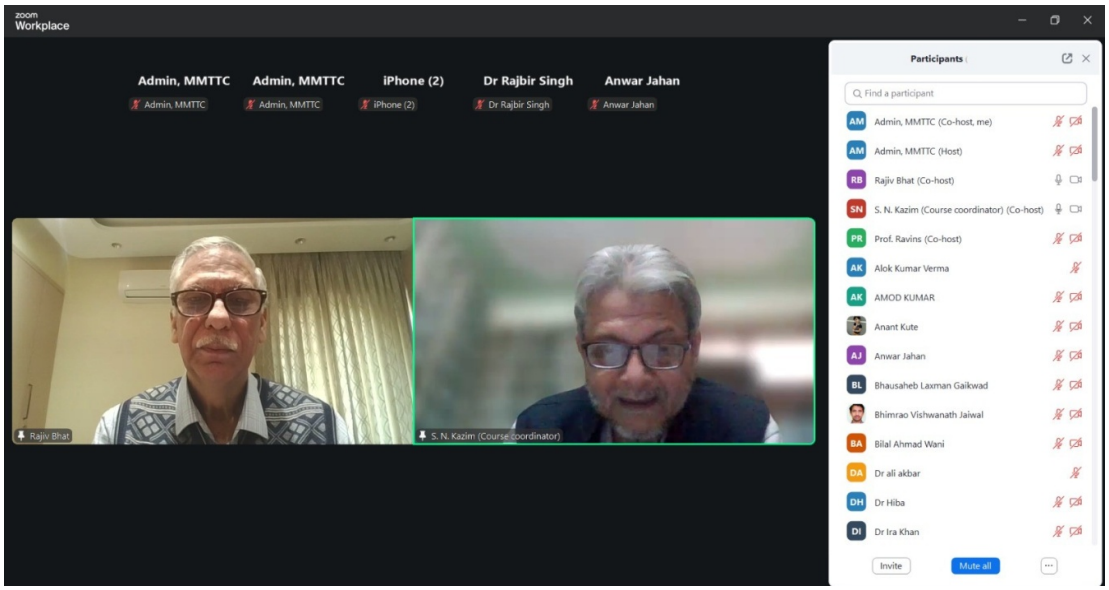
zoom Workplace
Admin, MMTTC
Admin, MMTTC
iPhone (2)
Dr Rajbir Singh
Anwar Jahan
Rajiv Bhat
S. N. Kazim (Course coordinator)
Participants
Admin, MMTTC (Co-host, me)
Admin, MMTTC (Host)
Rajiv Bhat (Co-host)
S. N. Kazim (Course coordinator) (Co-host)
Prof. Ravins (Co-host)
Alok Kumar Verma
AMOD KUMAR
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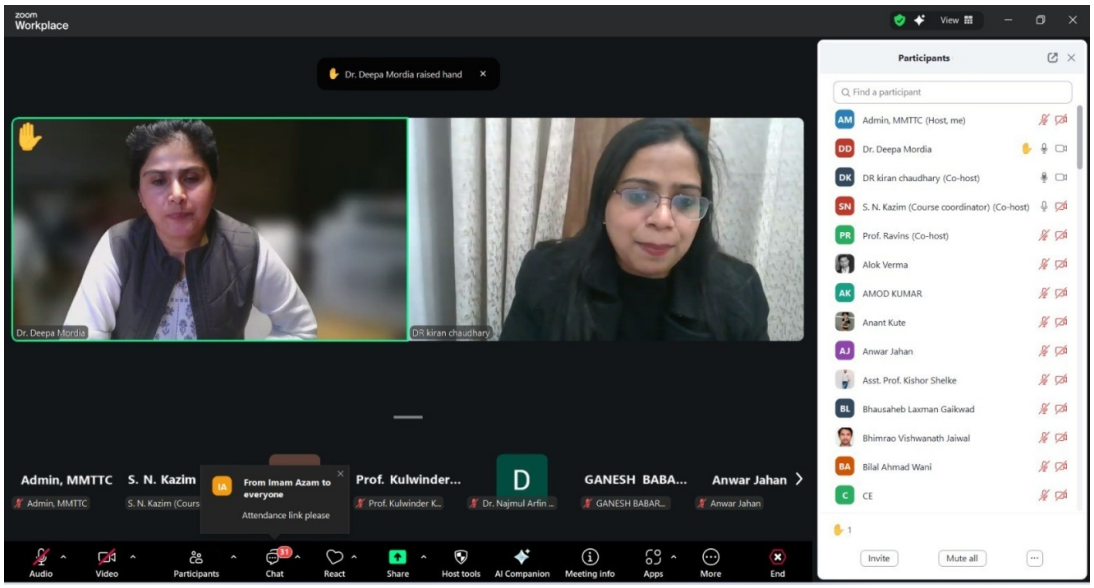
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Dr. Deepa Mordia raised hand
Participants
Admin, MMTTC (Host, me)
Dr. Deepa Mordia
DR kiran chaudhary (Co-host)
S. N. Kazim (Course coordinator) (Co-host)
Prof. Ravins (Co-host)
Alok Verma
AMOD KUMAR
Anant Kute
Anwar Jahan
Asst. Prof. Kishor Shelke
Bhausaheb Laxman Gaikwad
Bhimrao Vishwanath Jaiwal
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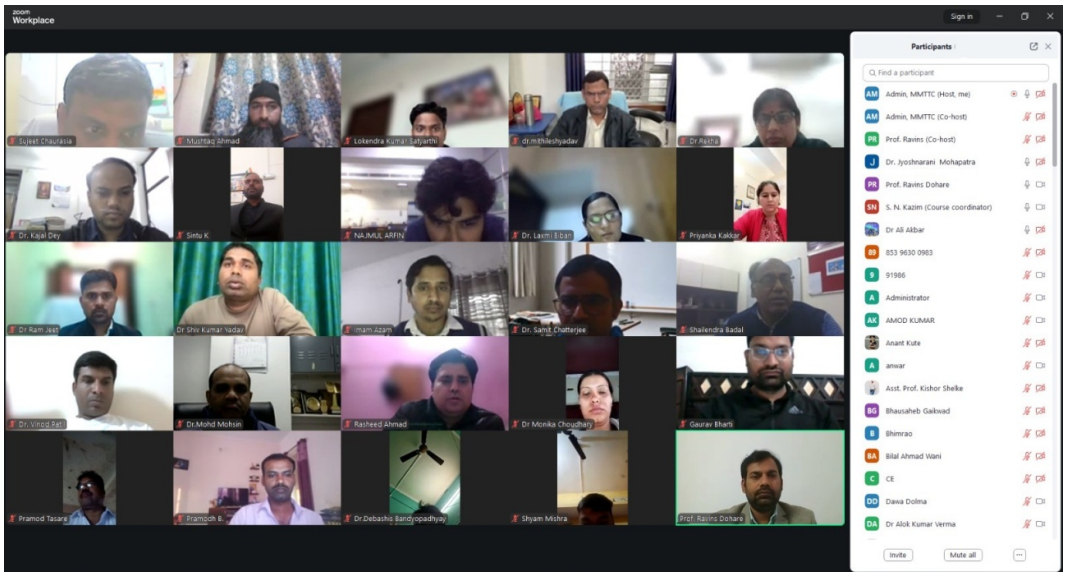
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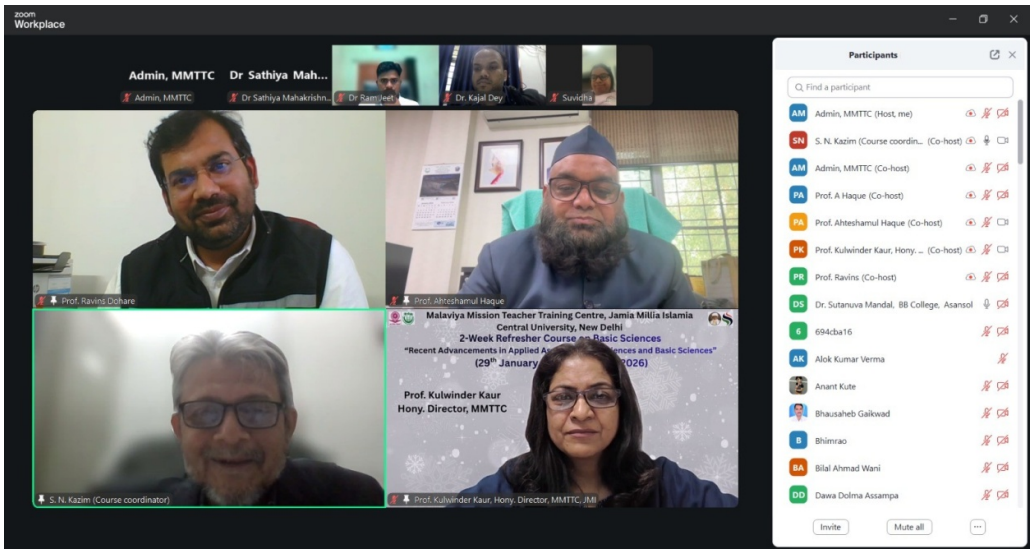
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Dr Sathiya Mah...
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Hony. Director, MMTTC
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Mute all

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