

Press Release

JMI organises International Conference on Nanotechnology Opportunities and Challenges (ICNOC 2022)

The Department of Applied Sciences & Humanities, Jamia Millia Islamia (JMI) successfully organized a three-day International Conference on Nanotechnology Opportunity and Challenges (ICNOC-2022) from 28th to 30th November 2022.

The three-day conference saw an exemplary enthusiasm of the scholars, subject experts and researchers for different parts of the world. The conference was marked with 8 plenary talks from distinguished subject experts along with 48 invited talks delivered in the span of 3 days. There were about 700 participants registered for the conference.

The event was marked by the inspiring presidential address of Prof. Najma Akhtar, Vice Chancellor, JMI. She applauded the efforts of the department in conceiving the idea of the conference in furtherance of pioneering research in the field of Nanotechnology in sync with the nation's aspiration of becoming 'Vishwa Guru'.

Dr. Mukesh Pratap Singh, the Organizing Secretary of ICNOC 2022 welcomed the Chief Patron, delegates and participants of the conference. The organizing Chair of the conference, Prof. Zishan Husain Khan in his inaugural address introduced the topic of the conference, charted out the objectives of the conference, and anticipated a meaningful deliberation.

Prof. Mini S Thomas, the Dean of the Faculty of Engineering, shared her views on the relevance of the area in contemporary scientific ambience and stressed on the need of more such initiatives by the technologists to join hands in starting discursive practices on latest challenges and opportunities in the area and she believed that Nanotechnology has the potential to revolutionize the world.

The keynote speaker, Prof. Mohammad Khaja Nazeeruddin from École Polytechnique Fédérale de Lausanne (NEFL), Switzerland delivered his talk on the Efficient and Stable Perovskite Solar Cells and Modules by Interfacial and compositional Engineering.

Prof. Shibu Thomas, the Chief Guest of the conference also highlighted the key areas where Nanotechnology is proving itself as a game changer and he goaded the young researchers that they should take up innovation in this field, as the

potential of the area is immense. Prof. Nazim Hussain Al Jafri, the Registrar of the university assured all administrative assistance and support to the department in its aspiration to establish the university as a leading center for the advancement of Nanotechnology.

Some notable speakers were Prof. Hang T. Ta from Griffith University, Australia addressed his speech on “spiky silver-iron oxide nanoparticles: a new class of materials for highly efficient theragnostic of diseases such as thrombosis and cancer”; Prof. Stefano Bellucci from Istituto Nazionale di Fisica Nucleare, Italy presented his research on CBRN sensors based on two-dimensional materials and artificial intelligence; Prof. M. Ishaque Khan from Illinois Institute of Technology, USA, shared his research on Functional Materials for Sustainable Development.

Prof. Venugopal Achanta, Director CSIR NPL, New Delhi, India in his talk discussed the role of metamaterials for spintronics devices.

The organizing Secretary, ICONOC 2022 Prof. Nafis Ahmad presented a detailed report on the conference and extended his vote of thanks to the distinguished guests and participants, administration of the university and members of the organizing committee for successful organization of ICNOC 2022.

The thrust areas of the conference were on various topics intricately related to the contemporary applications of Nanotechnology especially in Medical Sciences, Energy and Environmental Studies. The university is committed to host such conferences, workshops and seminars towards the advancement of knowledge in specialized areas in days to come.

Public Relations Office
Jamia Millia Islamia



