

November 22, 2024

Press Release

JMI organizes BIOPHYSIKA-2024: National Conference on Interdisciplinary Sciences

New Delhi: The Centre for Interdisciplinary Research in Basic Sciences (CIRBSc), Jamia Millia Islamia (JMI), proudly hosted the BIOPHYSIKA-2024: National Conference on Interdisciplinary Sciences on November 22, 2024. The conference brought together distinguished scientists, researchers, and thought leaders to explore ground-breaking advancements across a range of scientific disciplines.

The day-long event commenced with a formal inaugural session presided over by Prof. Md. Mahtab Alam Rizvi, Registrar, JMI, who graced the occasion as the Chief Guest. In his address, Prof. Rizvi acknowledged the pivotal role of the CIRBSc and the Faculty of Life Sciences in contributing to JMI's impressive performance in the NIRF rankings and NAAC accreditation.

Prof. Dinakar M. Salunke, a renowned figure in structural immunology and molecular biology, delivered an inspiring keynote address as the Guest of Honor. Drawing on his illustrious career as the former Director of the International Centre for Genetic Engineering and Biotechnology (ICGEB) and the Regional Centre for Biotechnology (RCB), Faridabad, Prof. Salunke emphasized the necessity of interdisciplinary collaboration to tackle complex biological challenges. Prof. Salunke also reflected on the origins of biophysics in India and abroad, emphasizing the pioneering contributions of Prof. G. N. Ramachandran.

Prof. Seemi Farhat Baseer acknowledged the legacy of biophysics at JMI, introduced in 1985 by Prof. Amin. This legacy was carried forward by Prof. Faizan Ahmad and modernized by Prof. Imtaiyaz Hassan, who incorporated AI solutions, and Prof. Asimul Islam, who introduced neurodegenerative disease research.

The inaugural session underscored the conference's dedication to fostering collaboration and innovation across scientific disciplines. Prof. Rajan Patel, Director of CIRBSc, highlighted how BIOPHYSIKA-2024 provided a unique platform for interdisciplinary dialogue, addressing topics such as biophysics, molecular biology, and artificial intelligence in healthcare.

Prof. Zahid Ashraf, Dean, Faculty of Life Sciences emphasized the synergy of these fields in addressing global challenges like disease treatment, genetic engineering, and sustainability, reinforcing JMI's status as a hub for scientific innovation.

The conference featured invited talks by leading scientists, including, Dr. G. Senthil Kumar (National Institute of Immunology), who presented cutting-edge research on protein NMR spectroscopy. Dr. Vineet Gaur (NIPGR, New Delhi), who explored the intricate

mechanisms of plant DNA repair.

The vibrant poster session provided a platform for emerging researchers to showcase their innovative projects, fostering networking and collaboration. Afternoon sessions delved into transformative topics such as AI-driven healthcare innovations by Dr. Rahul Katarya (Delhi Technological University) and ground-breaking molecular biology strategies by Dr. Neetu Singh (IIT Delhi).

The event also included a series of oral presentations, spotlighting pioneering work by young scientists from prestigious institutions, including Jamia Millia Islamia, AIIMS, JNU, and AMU, and Sharda University. Icebreaker sessions, roundtable discussions, and engaging activities organized by students added to the dynamic atmosphere of the conference.

The conference concluded with a Valedictory Session and Certificate Distribution. Dr. Najmul Arfin delivered the Vote of Thanks, expressing gratitude to all participants and speakers and wishing for the continuation of initiatives that push the boundaries of scientific discovery.

BIOPHYSIKA-2024 was a resounding success, fostering an environment of intellectual exchange and collaboration. The event reinforced JMI's commitment to advancing interdisciplinary science and nurturing young researchers in their pursuit of innovation.

Public Relations Office
Jamia Millia Islamia



National Conference on Interdisciplinary Sciences
BIOPHYSIKA 2024
SEPTEMBER 2024
Organized by
Research in Interdisciplinary Sciences
University of Delhi


Prof. Dinakar M. Salunke
Former Director, ICGES & RCB

Prof. Md. Mahtab Alam Rizvi
Registrar, Jamia Millia Islamia

Prof. Mohammad Zahid Ashraf
Dean, Faculty of Life Sciences



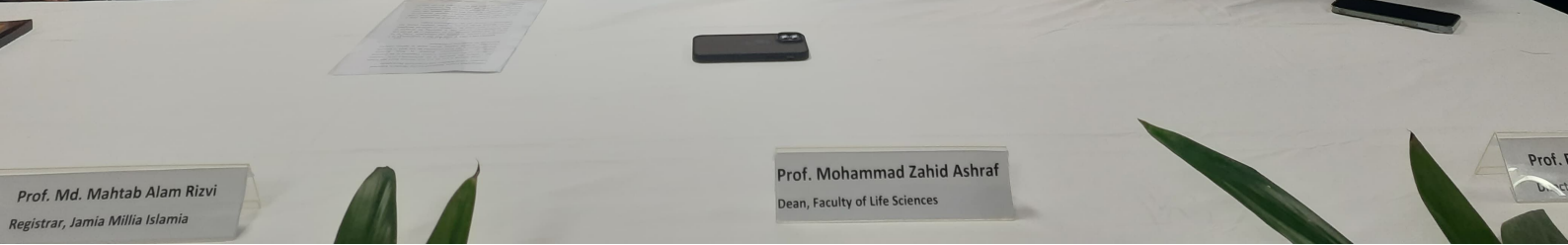
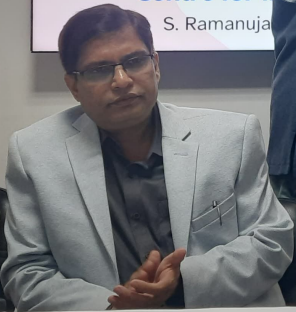



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BIOPHYSIKA 2024
21st NOVEMBER 2024
Organized by
Centre for Interdisciplinary Research in Biology
S. Ramanujan Block, Jamia Millia Islamia, Jamia Nag

Prof. Seemi Farhat Basir
Dean Students' Welfare

Prof. Dinakar M. Salunke
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