



शिक्षा मंत्रालय
MINISTRY OF
EDUCATION



INTERNATIONAL CONFERENCE ON NANOTECHNOLOGY FOR BETTER LIVING (NBL-2025)

7 - 11 September' 2025

NBL-2025 BACKGROUND & CONCEPT:

Nanotechnology has emerged as a transformative field with significant impacts on healthcare & medicine, energy, environment, electronics, and advanced materials. As global challenges continue to evolve, the role of nanotechnology in providing sustainable and innovative solutions becomes increasingly critical. The conference aims to highlight recent advancements and foster discussions on how nanotechnology can contribute to better living.

OBJECTIVE:

The International Conference on Nanotechnology for Better Living (NBL-2025) aims to bring together researchers, academicians, industry experts, and students to share insights, present research findings, and discuss future directions in nanotechnology. The event will serve as a platform for exchanging ideas and establishing collaborations to address real-world problems through cutting-edge innovations.

THEME:

The theme of NBL-2025 is "Nanotechnology for Sustainable and Enhanced Living". The conference will focus on utilizing Nanotechnology and advanced materials to solve critical challenges in Healthcare & Medicine, Energy Storage, Nanoelectronics & Biosensors.

TOPICS OF INTEREST: *The conference will cover a wide range of topics, including:*

1. Advanced Nanomaterials and Nanocomposites
2. Energy Harvesting, Storage, and Transportation
3. Nanotechnology in Healthcare and Medicine
4. Sustainable Technologies for Environment and Agriculture
5. Food Technology, Biotechnology and Information Systems
6. Computational Nanoscience, Simulation, Machine Learning, and AI
7. Industrial Innovations and Smart Manufacturing
8. Disaster Management, Remote Sensing, and Climate Resilience
9. Science Policy for a Resilient, Inclusive, and Sustainable Future

CONFERENCE STRUCTURE: *The five-day conference will include:*

KEYNOTE SPEECHES:	Delivered by globally renowned experts in Nanoscience & Technology
PLENARY SESSIONS:	Featuring discussions on emerging trends and challenges
TECHNICAL SESSIONS:	Oral and poster presentations by participants
WORKSHOPS AND TUTORIALS:	Hands-on sessions on advanced techniques & tools in Nanoscience & Technology
PRE-CONFERENCE SESSIONS:	A session with college students for inspiring them towards research and innovation goals of India
INDUSTRY EXPO:	Exhibition of Nanotechnology-based products and innovations; innovators meet
NETWORKING SESSIONS:	Opportunities for collaboration and knowledge sharing
CULTURAL PROGRAM:	Showcasing the rich cultural heritage of Kashmir

EXPECTED OUTCOMES

- A comprehensive understanding of the latest advancements in Nanotechnology and their applications
- Strengthened collaborations between academia, industry, and research institutions
- Identification of research gaps and future directions in Nanotechnology
- Enhanced awareness of the ethical and societal implications of Nanotechnology
- A platform for young researchers to showcase their work and gain mentorship from global experts

TARGET AUDIENCE:

- Researchers and academicians in nanotechnology and related fields
- Industry professionals and entrepreneurs
- Policymakers and government representatives
- Students and young scientists
- Innovators and startups

Chief Patron: • Prof. Nilofer Khan, Vice Chancellor, University of Kashmir

Co-Chief Patron: • Prof. B. S. Murty, Director, IIT - Hyderabad

Patrons: • Prof. S. Pirzada, Dean Academics, UoK

• Prof. M. S. Bhat, Dean Research, UoK

• Prof. Bharat Bhooshan Panigrahi, Dean Academics, IITH

Co-Patron: • Prof. Naseer Iqbal, Registrar/ Department of Physics, UoK

Organizing Chair: • Prof. Rabia Hamid, Department of Nanotechnology, UoK

Co-Organizing Chair: • Prof. Manish K. Niranjana, Department of Physics, IIT - Hyderabad

Honorary Advisor: • Prof. M. A. Shah, NIT Srinagar

SCIENTIFIC ADVISORY COMMITTEE

- Prof Mohamed Henini, University of Nottingham, UK
- Prof. Lucia Gemma Delogu, University of Padua, Italy
- Prof. B.S. Murty, Director IIT Hyderabad
- Prof. Bharat Bhooshan Panigrahi, IIT Hyderabad
- Prof. Mohammad Mobin, Vice Chancellor, CUS, Srinagar, Kashmir
- Prof. Shakil Ahamad Romshoo, Vice Chancellor, IUST Kashmir
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- Prof. Mridula Gupta, University of Delhi
- Prof. Praveen K Vemula, iBRICS- inStem, Bangalore
- Prof. Absar Ahmad, Aligarh Muslim University, Aligarh
- Prof. Abhijit Majumdar, IIT Bombay
- Prof. Bushra Ateeq, IIT Kanpur
- Prof. Ashok Kumar, IIT Kanpur
- Prof. Dr. Abir De Sarkar, INST Mohali
- Prof Aftab Alam, IIT Bombay
- Dr. N. Vijayan, NPL, New Delhi
- Prof. Nooruddin Khan, University of Hyderabad
- Dr. Aravind Kumar Rengan, IIT Hyderabad
- Prof. M.A. Shah, NIT Srinagar
- Prof. Sajad A. Loan, Jamia Millia Islamia, New Delhi

CORE ORGANIZING COMMITTEE

- Prof. Rabia Hamid, Head - Department of Nanotechnology, UoK
- Prof. Waseem Bari, Department of Physics, UoK
- Prof. Gulam Nabi, Department of Physics, UoK
- Dr. Javaid A. Sheikh, Department of Electronics, UoK
- Dr. Mushtaq A. Beigh, Department of Nanotechnology, UoK
- Dr. Faheem Arjamend, Department of Nanotechnology, UoK
- Dr. Shafquat Majeed, Department of Nanotechnology, UoK
- Dr. Tariq Maqbool, Department of Nanotechnology, UoK
- Dr. Ajaz A. Dar, Department of Chemistry, UoK
- Dr. Gulzar Ahamd Bhat, Department of Chemistry, UoK



LIST OF CONFIRMED SPEAKERS AT NBL-25:

Prof. B. S. Murty IIT Hyderabad	Prof. Mohamed Henini University of Nottingham, UK	Prof. Bharat Bhooshan Panigrahi IIT Hyderabad	Prof. Praveen K. Vemula iBRICS-inStem, Bangalore
Prof. Mohammad Mobin AMU Aligarh	Prof. Vivek Polshettiwar TIFR, Mumbai	Prof. Lucia Gemma Delogu University of Padua, Italy	Prof. C. Subramaniam IIT Bombay
Prof. M. Aslam IIT Bombay	Prof. N. Vijayan NPL, New Delhi	Prof. Absar Ahmad AMU, Aligarh	Prof. Dr. Abir De Sarkar INST, Mohali
Prof. Abhijit Majumdar IIT Bombay	Prof. Ashok Kumar IIT Kanpur	Prof. Bushra Ateeq IIT Kanpur	Prof. Subha Narayan Rath IIT Hyderabad
Dr. Aravind Kumar Rengan IIT Hyderabad	Prof. Bhuvanesh Ramakrishna IIT Hyderabad	Prof. Manish K. Niranjana IIT Hyderabad	Prof. Narendra Kurra IIT Hyderabad
Prof. Satyabrata Jit IIT BHU	Prof. Mridula Gupta University of Delhi	Prof. Surya Jammalamadaka IIT Hyderabad	Prof. Prem Pal IIT Hyderabad
Prof. Satish Shinde IIT Hyderabad	Prof. Shakil Ahmad Romshoo University of Kashmir	Prof. Nooruddin Khan University of Hyderabad	Prof. Harlisya Hj. Harun IoT, Kuala Lumpur, Malaysia
Prof. Sajad A. Loan JMI, New Delhi	Dr. Shabir Hassan Khalifa University, UAE	Dr. Rehan Khan INST, Mohali	Dr. Deepak Bharadwaj PVP NIPER, Guwahati, Assam
Dr. Mohan C. Joshi JMI, New Delhi	Dr. Padmini Panday Chung-Ang University, Seoul, RSK	Dr. Ravi Mani Tripathi Amity University, New Delhi	Prof. Anima Nanda Sathyabama Institute, Chennai
Dr. M. Jamaal Dar IIIM, Jammu	Prof. Mohsin Bhat University of Kashmir	Dr. M. Altaf Bhat CIRI, University of Kashmir	Dr. Adil Gani University of Kashmir
Dr. Asifkhan Shanavas INST, Mohali	Dr. Yaser Khanjani Sharif University, Tehran, IRAN	Dr. Firasat Hussain University of Delhi	Dr. M. Sajid Khan AMU, Aligarh
Prof. Ashok Bera IIT Jammu	Dr. Mithu Baidya IIT Jammu	Dr. Vinay Sharma IIT Jammu	Dr. Uday Kiran Roopavat IIT Jammu

Registration, Fee details & Submission of Abstracts in NBL-25		
Category	Early Bird Registration Till July 20, 2025 Registration Fee (INR)*	Early Regular Registration Till July 31, 2025 Registration Fee (INR)*
Research Scholars	2000	4000
Faculty/Researchers from Academia/R&D Institutes/ Govt. Organizations	3500	6000
Industry	10000	15000
Accompanying person	2000	3000

Registrations for NBL-25 are open on conference online portal/website of NBL-25: <https://nbl2025.uok.edu.in>

Please read instructions under registration tab for registration, submission of abstracts and payment of registration fees. *Registration fee is excluding accommodation charges. Accommodation will be provided to registered participants on nominal charges in the University International Hostel/University guest House on first come first serve basis. A request for accommodation should be made via e-mail: nbl2025@uok.edu.in at the time of registration.

SCAN THIS QR CODE FOR REGISTRATION



CONTACT INFORMATION:
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Organizing Chair, NBL-2025/
Department of Nanotechnology,
University of Kashmir

For registration, submission of abstract and other information, please visit website: <https://nbl2025.uok.edu.in/>, <https://kashmiruniversity.net/>.

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