

7th INTERNATIONAL CONFERENCE ON  
**RECENT TRENDS IN  
MATERIALS AND DEVICES  
(ICRTMD 2026)**

(Physical, Chemical, Mathematical, and Statistical Sciences)



29<sup>th</sup>-30<sup>th</sup> January, 2026

Amity University, Sec.-125,  
Noida (Delhi NCR), India

Organised by:



AMITY INSTITUTE OF  
APPLIED SCIENCES

## ABOUT THE CONFERENCE

The 7th International Conference on Recent Trends in Materials and Devices (ICRTMD-2026) aims to bring together academicians, researchers, scientists, engineers, and industry experts to share insights and showcase cutting-edge research. This conference will focus on physical, chemical, mathematical, and statistical sciences, highlighting advancements in sustainable materials, devices, and computational approaches.



## THEMATIC AREAS

### PHYSICAL & CHEMICAL SCIENCES

- Functional Materials
- Quantum Materials
- Applications of Radiations in Material Research
- Semiconductor Materials
- Nanomaterials and Thin Films
- Polymeric Materials
- Biomaterials
- Spintronic Materials
- Sustainable Materials
- Materials for Renewable Energy/Storage/Conversion
- Materials for Space Applications
- Sensors
- Photonics & Display Devices
- Catalysis
- Environmental Remediation
- Waste Utilization, Recycling & Recovery
- Drug Development
- Application of Plasma

### MATHEMATICAL & STATISTICAL SCIENCES

- Mathematical Analysis
- Complex Analysis
- Algebraic Theory
- Differential Equations & Fractional Calculus
- Fuzzy Sets & Systems
- Algorithms and Experimental Mathematics
- Adaptive and Complex System Analysis
- Reliability Modelling & its Applications
- Operations Research and Management Sciences
- Neural Computing and Machine Learning
- Artificial Intelligence in Material & Devices
- Mathematical Modelling and Simulation
- Inferential Statistics
- Computational Statistics
- Decision Sciences
- Network Security
- Blockchain Technologies
- Data Science
- Cloud Computing
- Internet of Things

## TECHNICAL SESSIONS

PLENARY  
TALKS

KEYNOTE  
ADDRESS

INVITED  
TALKS

ORAL  
PRESENTATIONS

POSTER  
SESSIONS

SPECIAL  
SESSIONS

## CALL FOR PAPERS

Papers are invited based on the focus areas of the conference. Author(s) can submit abstract only or full paper(s). Submission of full paper(s) is encouraged. The abstract must be submitted through the website <https://amity.edu/aia/icrtmd2026/index.asp> or email to [icrtmd@amity.edu](mailto:icrtmd@amity.edu). Conference abstract book will be released during the conference.

All papers will be peer-reviewed and selected contributory papers will be published in Scopus Indexed journals.

OUR  
PUBLICATION  
PARTNERS



Springer



### REGISTRATION FEE

Registration fee is applicable for all participants.

The fee includes entry to all session of the conference, conference kit, lunch and high tea.

### IMPORTANT DATES

Last date for registration without late fees:

15th January, 2026

Abstract submission deadline:

10th January, 2026

**Registration link:**

<https://amity.edu/aia/icrtmd2026/>

### THE YOUNG INNOVATOR AWARDS

To recognize exceptional innovations by young researchers through Presentations.

**Age limit:** maximum 35 years as on the last date of registration

**Criteria:** Originality, quality and presentation clarity.

| DELEGATES          | *Registration Before<br>15th January, 2026 | Registration After<br>15th January, 2026 | Attendee (Without<br>Presentations) |
|--------------------|--------------------------------------------|------------------------------------------|-------------------------------------|
| Foreign Delegates  | US \$ 400                                  | US \$ 450                                | US \$ 200                           |
| Foreign Students   | US \$ 200                                  | US \$ 250                                | US \$ 100                           |
| Indian Delegates   | INR 5500                                   | INR 6000                                 | INR 2000                            |
| Indian Students    | INR 4000                                   | INR 4500                                 | INR 2000                            |
| Industry Delegates | INR 7000                                   | INR 8000                                 | INR 4000                            |

To register,  
Scan the QR Code



**\*Group Registration Discount: 25% discount for groups of 4 or more registrations**

**\*At least 6 article registration is required for special session**

### STEERING COMMITTEE

#### Patron-in-Chief

Dr. Ashok K. Chauhan  
Founder President, Amity University

#### Patron

Dr. Atul Chauhan  
Chancellor, Amity University

#### Co-Patron

Prof. (Dr.) Balvinder Shukla  
Vice Chancellor, Amity University

#### Chairperson

Prof. (Dr.) Sunita Rattan, Director, AIAS

#### Co-Chairpersons

- Dr. Sangeeta Tiwari
- Dr. R.S. Pandey
- Dr. Seema Garg

#### Conveners

- Dr. Christine Jayaseelan
- Dr. Dheeraj Pawar
- Dr. Ashok Kumar
- Dr. Hari Darshan Arora

#### Co-Conveners

- Dr. Ravi Kant Choubey
- Dr. Deepshikha Gupta
- Dr. Niraj K Singh

#### Organising Secretaries

- Dr. Gautam Singh
- Dr. Tejendra Gupta
- Dr. Rashmi Singh

#### Treasurers

- Dr. U.C. Srivastava
- Dr. Rupakshi Mishra Pandey

### INTERNATIONAL ADVISORY COMMITTEE

- Prof. Andras Sapi, University of Szeged, Szeged, Hungary
- Prof. Bruno Ameduri - CNRS Occitanie Est, Pôle Chimie Balard Recherche, France
- Prof. Del Atkinson, Durham University, Durham, United Kingdom
- Prof. Hirohisa Tanaka, Kwansei Gakuin University, Hyogo, Japan
- Dr. Jonathan Hill, National Institute for Materials Science (NIMS), Tsukuba, Japan
- Dr. Kamala Kanta Nanda, Pontificia Universidad Católica del Perú, Lima, Peru
- Prof. Klara Hernadi, Head of Laboratory of Applied Nanomaterials, University of Miskolc, Hungary
- Dr. Marko Hattula, University of Oulu, Oulu, Finland
- Prof. Minyoung Yoon, Kyungpook National University, Daegu, South Korea
- Prof. Ponnuswamy Vinoth Kumar, Kaohsiung Medical University, Kaohsiung, Taiwan
- Dr. Puneet Rana, Wenzhou-Kean University, Wenzhou, China
- Prof. Satyendra Kumar, University at Albany, NY, USA
- Dr. Seko, NQT, Takasaki, Japan
- Prof. Suresh Sagadevan, Nanotechnology Catalysis & Research Centre Universiti of Malaya, Malaysia
- Prof. Vasily T. Lebedev, Konstantinov Petersburg Nuclear Physics Institute, Gatchina, Russia
- Prof. Yasuhiro Fukuma, Kyushu Institute of Technology,

### NATIONAL ADVISORY COMMITTEE

- Dr. Anil Bharadwaj, PRL, Ahmedabad
- Dr. Balwinder Sapra, BARC, Mumbai
- Dr. Bhuvanesh Gupta, UPES, Dehradun
- Prof. D. D. Sarma, IISc, Bangalore
- Prof. D S Rawat, Vice-Chancellor of Kumaun University, Nainital,
- Prof. Gajendra Pratap Singh, JNU, New Delhi
- Prof. Kamal Kishore Pant, Director, IIT Roorkee, India
- Prof. Kedar Singh, JNU, New Delhi
- Dr. Meena Mishra - OS & Director, SSPL, DRDO
- Prof. Naokant Deo, DTU, New Delhi
- Prof. S. Annapoorani, DU, New Delhi
- Dr. Sandeep Kumar, RRI, Bangalore
- Shri Shildhar Singh Yadav, Director, CSTUP
- Prof. Sanjeev V. Sabnis, IITB, Mumbai
- Dr. Tarun Kumar Pant, VSSC, Kerala, ISRO
- Dr. Thallada Bhaskar - Director, CSIRAMPRI, Bhopal
- Prof. Vijay Gupta, NSUT, Delhi

## AMITY UNIVERSITY - RANKED AMONG THE TOP 3% UNIVERSITIES GLOBALLY

Over twenty years ago, Amity University was established with focus on a deep culture of personalized care of students, a research-driven ecosystem, a value-driven and disciplined environment, a deep industry-connect and the most advanced facilities for students and faculty.

Today, Amity University has been ranked among the top 3% universities globally by QS and Times Higher Education, the world's leading university ranking organisations. It has also been ranked India's #1 not-for-profit private university for the past eleven years by India Today "India's Best Universities Rankings".

Amity has also set a new standard of academic excellence in India by becoming Asia's only not-for-profit university to be awarded US Regional Accreditation as well as accreditation by the UK's Quality Assurance Agency for Higher Education.

The university is part of the not-for-profit Amity Education Group, established more than three decades ago. Today it is home to over 250,000 brilliant students pursuing over 400 Programmes in 90+ diverse disciplines across 12 Universities and 29 schools and 14 international campuses. Amity has also been ranked among the top universities globally for producing the most employable graduates for 5 consecutive years, in a survey conducted among 9,000 employers worldwide by Times Higher Education, UK.

Amity's strong focus on research and innovation has led to a Scopus H-Index of 194 – a reflection of the quality of high end research by Amity scientists. Its faculty and scientists have been filed over 4,500 patents and have been granted over 400 patents in the last few years. They have also authored over 900 books and published over 45,000 research papers in top ranked research journals. They are also engaged in conducting more than 500 high-end government-funded as well as international research projects, including those funded by the Bill & Melinda Gates Foundation, USAID, DRDO, ICSR and ICAR.

Furthermore, 81 Amity Faculty have been listed among top 2% scientists globally in the list published by researchers at Stanford University. Amity also has over 40 Ramalingaswamy / Ramanujan Fellows, who are top young scientists funded by the Govt. to return to India from top universities abroad. Taking a step further, Amity has established over 35 hi-end Research Centres in diverse areas including Artificial Intelligence, Cancer Research, Microbial Technology, Space Science and Global Warming.

Amity also has one of India's most advanced supercomputing facilities (with 10 petaflop) for teaching and research of Artificial Intelligence. These research-focussed initiatives have led to Amity being conferred the National Intellectual Property Award for being the top Indian Academic Institution for Patents and Commercialisation by the Govt. of India. At Amity, some of the most brilliant students are pursuing their education. While over 9,000 students studying at Amity have secured 90%+ in Class XII Boards, Amity has also instituted India's largest private scholarship programmes, benefitting over 25,000 meritorious students. These students are blazing a trail of success, having filed over 850 patents and published more than 9000 Scopus Indexed Research Papers, besides being awarded prestigious fellowships / scholarship and Grants like Marie Curie Fellowship, as well as from Bill & Melinda Gates Foundation, DST, ICMR...

Further, Amity's unique initiatives to nurture professionals for the global stage include Study Abroad Program, 3 Continent Program and the Global Study Program at leading universities in USA, UK, Dubai, Singapore and Australia. The award-winning Innovation Incubator on campus has nurtured more than 100 student startup companies and attracted investments of over Rs. 350 crores. Today, Amity has a global network of 700,000 alumni, many of whom are working in leadership roles in top organisations including McKinsey, Boston Consulting Group, Deloitte, Google, KPMG and Amazon. Amity University is dedicated to grooming future leaders who will become not only competent professionals but also value-driven human beings with a deep passion for humanity, who together will change this world.

## AMITY INSTITUTE OF APPLIED SCIENCES

Amity Institute of Applied Sciences (AIAS) was established under the aegis of Amity University, Uttar Pradesh with a vision to be a Center of Excellence for Physical, Chemical, Mathematical and Statistical Sciences. The institute's highly qualified faculty includes more than all doctorates. AIAS offers UG, PG and doctoral programs in Physics, Chemistry, Mathematics, Statistics and Medical Physics. It has research collaborations with the labs of Govt of India as well as international universities and research institutes. The highly research oriented faculty regularly publishes papers in journals of high repute. AIAS faculty has filed a number of patents and has got sanctioned projects from premier funding agencies. Conferences, seminars and workshops are organized frequently.

343,983 sq. mtr. Amity University Campus, Noida (Delhi NCR), India



# AMITY UNIVERSITY

E-2 Block, 3rd Floor, Amity University,  
Sector-125, Noida (Delhi NCR) – 201313, India  
E-mail: [icrtmd@amity.edu](mailto:icrtmd@amity.edu) | Website: <https://amity.edu/aias/icrtmd2026>

Contact Details:

Dr. Gautam Singh  
Mob: +91 8130876392  
Email: [gsingh6@amity.edu](mailto:gsingh6@amity.edu)

Dr. Tejendra K.Gupta  
Mob: +91 9999425496  
E-mail: [tkgupta@amity.edu](mailto:tkgupta@amity.edu)

Dr. Rashmi Singh  
Mob: +91 7303970669  
Email: [rsingh7@amity.edu](mailto:rsingh7@amity.edu)