



**MANIPAL UNIVERSITY
JAIPUR**



5th International Conference

on

Recent Advances in Materials Science and Computational Techniques (RAMSACT-2025)

18th-20th December 2025



Organized by

Faculty of Science, Technology and Architecture (FoSTA)
Manipal University Jaipur

In collaboration with

The University of Southern Denmark

Sunway University, Malaysia

Society for Materials Chemistry | Jaipur Chapter, India

The Microbiology Society, India

Indian Association for Reliability and Statistics

About the MUJ

The Manipal Group, a pioneer in higher education services with more than six decades of experience, owns and operates campuses in India and other countries. The seeds of its magnificent growth were sown back in 1953 by Padma Shree Late Dr. TMA Pai. Manipal University Jaipur (MUJ) established in 2011 is the fifth university established by Manipal Global Education Services (MAGE), a leading international quality higher education service provider. MUJ is the top ranked state private university in Rajasthan and ranked 58 in NIRF all India rankings. The vision of the University is to be a "Global Leader in Higher Education and Human Development." MUJ offers a wide spectrum of career-oriented programs in various disciplines such as Engineering, Sciences, Management, Law, Arts, Design, and Journalism, thereby maintaining Manipal University's legacy of providing quality education.

School of Physical and Biological Sciences (SoPBS)

The School of Physical and Biological Sciences (SoPBS), formerly known as the School of Basic Sciences (SBS), falls under the Faculty of Science, Technology, and Architecture (FoSTA) (formerly known as the Faculty of Science (FoS)), at MUJ. SoPBS is a center for innovation, research, and creativity dedicated to shaping the leaders for tomorrow in the fields of

Physics, Chemistry, Mathematics and Statistics, and Biological Sciences. SoPBS offers academic programs in various disciplines, including undergraduate, postgraduate, and doctoral degrees. The excellence of SoPBS in cutting-edge research resulted in substantial funding through central government schemes, such as DST-PURSE (₹10 Cr), DST-SERB, DST-FIST (₹1.5 Cr), DBT, ICMR, SERB, ASEAN and more. SoPBS has demonstrated significant growth in high-quality research publications in recent years, with 608 in 2024. SoPBS is committed to creating a learning academic environment where students and faculty members collaborate to push the boundaries of knowledge and technology.

About the Conference

Since the successful launch of the Recent Advancements in Materials Science and Computational Techniques (RAMSACT) series in 2021 and the advent of the 5th RAMSACT conference, scheduled for December 18-20, 2025, RAMSACT has established itself as a vital forum for academic scientists, researchers, and scholars to engage in discussions about the latest advancements in multifunctional materials & computational methodologies. This interdisciplinary conference allows participants to explore innovations, trends, challenges, and relevant practical issues related to the conference theme. The primary goal of RAMSACT is to facilitate a high-quality exchange of knowledge among students, academics, and industry professionals. The event will feature keynote presentations, oral discussions, poster sessions, and exhibitions showcasing the most recent innovations, creative concepts, and research findings in the interdisciplinary science field. RAMSACT invites scientists from around the globe to participate and contribute to the advancement of the conference.



<https://ramsact.in>



Advisory Committee:

1. **Prof. Y.K. Mishra**, Mads Clausen Institute (MCI), University of Southern Denmark.
2. **Prof. Radhey Srivastava**, University of Louisiana at Lafayette, LA, USA.
3. **Dr. Sanjay Singh**, School of Materials Science and Technology at IIT (BHU) Varanasi.
4. **Prof. Mahesh Kumar**, Department of Electrical Engineering, IIT Jodhpur, Rajasthan.
5. **Prof. Rajendra S. Dhaka**, IIT Delhi
6. **Prof. Rajendra Srivastava**, IIT Ropar.
7. **Dr. Ram Janay Choudhary**, UGC-DAE-CSR, Indore.
8. **Prof. Vasant Sathe**, Centre-Director, UGC-DAE-CSR, Indore
9. **Dr. Fouran Singh**, Inter-University Accelerator Centre (IUAC), New Delhi.
10. **Prof. Indra Sulania**, Inter-University Accelerator Centre (IUAC), New Delhi
11. **Prof. Rajesh Kumar**, Guru Gobind Singh Indraprastha University, New Delhi
12. **Prof. B.L. Ahuja**, Vice-Chancellor, Bodoland University, Assam
13. **Dr. N. L. Heda**, University of Kota, Kota
14. **Dr. Sudhir Kumar Goel**, TSM Medical College, Lucknow.
15. **Dr. Sarita Khare**, Barkatullah Vishwavidyalaya, Bhopal.
16. **Prof. S. C. Malik**, Department of Statistics, M.D. University, Rohtak.
17. **Prof. Gajendra Kumar Vishwakarma**, Indian Institute of Technology (ISM), Dhanbad.
18. **Prof. Joydip Dhar**, Indian Institute of Information Technology and Management Gwalior.
19. **Prof. Mukender S. Kadyan**, Kurukshetra University, Kurukshetra.
20. **Dr Bapan Ghosh**, Indian Institute of Technology, Indore.
21. **Prof. Susanta Mahapatra**, University of Hyderabad.

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ORGANIZING COMMITTEE

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Conveners	Dr. Rashi Nathawat	Physics
	Dr. Saurabh Srivastava	Chemistry
Co-Conveners	Dr. Ashish Kumar	Mathematics and Statistics
	Dr. Rajeev Nema	Biosciences
Organizing Secretary	Dr. Anjani Kumar Pandey	Chemistry
	Dr. Ankur Jain	Mathematics and Statistics
	Dr. Kishor Kumar	Physics
	Dr. Shatrunjai Giri	Biosciences

Themes of the conference:

- Novel Molecules and Materials for Drug Discovery
- Emerging 1D, 2D, and Quantum Materials
- Composite and Soft Materials
- Multifunctional Nanomaterials
- Sensors and Actuators
- Energy Storage/Harvest Materials
- Surface Functionalized Materials
- Advanced Materials for Environmental Applications
- Computational and Mathematical Modelling for Materials
- AI & ML Methods Employed for Materials Research
- Multi-omics, Precision medicine, Cheminformatics, and Bioinformatics for Materials

Registration Fee*

Attendee	Indian	Overseas
Faculty Member	₹5,000	\$150
Student	₹3,000	\$100
Industrial Representative	₹10,000	\$250

**Fee does not include accommodation charges*

Important Dates:

Last date of abstract submission : **15th Oct. 2025**

Acceptance notification of abstract : **31st Oct. 2025**

Last date for registration : **15th Nov. 2025**

Publication partner:



After rigorous peer review of selected papers will be considered for publication in Scopus-indexed journal.

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