

5th INTERNATIONAL CONFERENCE ON ADVANCEMENTS IN NANO-ELECTRONICS & COMMUNICATION TECHNOLOGIES

Organised by Department of Electronics & Communication Engineering

(May 16-17 , 2025)

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY MANAGEMENT & GRAMOTHAN , JAIPUR

ABOUT ICANCT-2025

Two Day International conference on "Advancements in Nano-electronics & Communication Technologies (ICANCT-2025) is organized by Department of Electronics & Communication Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT M & G), Jaipur during 16th-17th May 2025. This conference aims at presenting current research being carried out in the areas of Communication, Nano electronics, Photonics, Wireless Communication, Mobile Communications, Internet of Things, Machine learning and Artificial Intelligence, Antenna and Wave Propagation and VLSI Technology. The scope of this conference encompasses latest research outcomes in the form of theoretical models, environmental impact, security and defense technology, innovative designs, enhancements and improvements in existing frameworks, sustainable technological advancement, societal welfare etc. Thus the conference intends to bring together the best minds from around the world to cover literally all aspects of energy technology from a multi- disciplinary perspective.



NOTE :

Final Accepted and Presented Papers will be published with Springer in their proceedings – Communications in Computer and Information Science Series (Final Approval Pending).

TRACK 1 (NANO ELECTRONICS)

- Low-dimensional materials & 2D materials.
- Surfaces, Interfaces and Thin films.
- Nanocomposites and Nanocatalysts.
- Molecular and Nanoelectronics.
- Nanosensors and Nanoactuators.
- Photonic & Plasmonic Nanomaterials.
- Metamaterials and Metasurfaces.
- Manipulation and Characterization of Materials at Nanoscale.
- Nanodevices: Fabrication, Characterization and Application.
- Emerging Memory Technologies for High-Performance Computing.
- Biomedical nano-electronics for Personalized Healthcare.

CONFERENCE CHAIR

GENERAL CHAIR

- Dr. Mukesh Arora, SKIT M&G Jaipur
- Dr. Praveen Kumar Jain, SKIT M&G Jaipur

PROGRAM CHAIR

- Dr. Monika Mathur, SKIT M&G Jaipur
- Dr. Pallav Rawal, SKIT M&G Jaipur
- Dr. Tawfik Ismail, Cairo University, Egypt
- Dr. Pooja Sharma, University of Coimbra, Portugal
- Dr. Ghanshyam Singh , MNIT Jaipur
- Dr. Manish Tiwari, Manipal University Jaipur
- Dr. Sanyog Rawat, Central University Rajasthan, India

ORGANIZING SECRETARY

- Dr. Shubhi Jain, SKIT M&G Jaipur
- Mr. Harshal Nigam, SKIT M&G Jaipur
- Mr. Rahul Pandey, SKIT M&G Jaipur
- Ms. Gloria Joseph, SKIT M&G Jaipur

TRACK 2 (COMMUNICATION TECHNOLOGIES)

- AI-powered Communication Networks for Smart Cities.
- Energy-Efficient Communication Protocols for Wireless Sensor Networks (WSNs).
- Millimeter Wave (mmWave) Technologies for Ultrahigh Bandwidth Communication.
- Quantum-inspired Communication Techniques.
- Reliable and Secure Communication for Autonomous Vehicles.
- Cognitive Radio Networks for Dynamic Spectrum Access.
- Visible Light Communication (VLC) for Indoor Applications.
- Nanosatellite and smart communication -IoT.
- High Speed Communication using Machine learning.
- Mobile & wireless networks.



IMPORTANT DATES

START DATE OF PAPER SUBMISSION	25/12/2024
LAST DATE OF PAPER SUBMISSION	15/03/2025
ACCEPTANCE NOTIFICATION	31/03/2025
CAMERA READY PAPER SUBMISSION BEFORE	05/05/2025

CONFERENCE FEE

CATEGORY	ONLINE	PHYSICAL
STUDENTS/RESEARCH SCHOLAR	₹ 5,500/-	₹ 6,500/-
ACADEMICIANS	₹ 6,500/-	₹ 7,500/-
INDUSTRY PARTICIPANTS	₹ 7,500/-	₹ 8,500/-
NON-AUTHORS PARTICIPANT	₹ 2,000/-	₹ 3,000/-
FOREIGN DELEGATES (ALL CATEGORIES)	\$80	\$90

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ACKNOWLEDGMENT:- The Microsoft CMT service was used for managing the peer-reviewing process for this conference. This service was provided for free by Microsoft and they bore all expenses, including costs for Azure cloud services as well as for software development and support.

INSTRUCTIONS TO AUTHOR

- The authors are invited to submit Full papers of the Research/Review Papers. The papers will be peer-reviewed and only the accepted and registered papers will be considered for presentation during the conference and publication in the proceedings.
- Final Accepted and Presented Papers will be published with Springer in their proceedings Communications in Computer and Information Science Series (Final Approval Pending)
- All submissions need to be submitted through the CMT using the link:
<https://cmt3.research.microsoft.com/ICANCT2025/Submission/Index>
- NOTE : Acceptance of a full-length submission is strictly based on the reviewers' comments.
- At least one of the authors of an accepted paper needs to register for the conference and present the paper(s).

