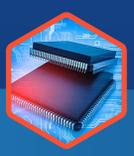
B. N. M. Institute of Technology

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icitt cee

Conference Brochure

5th International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics

Technically Co-Sponsored by IEEE Bangalore Section
&
IEEE Vehicular Technology Society, Bangalore Chapter

21-22 January 2027

Organising Departments:

- Electrical and Electronics Engineering
- Electronics and Communication Engineering

Bhageerathi Bai Narayana Rao Maanay Educational Institutions
1972-2022



About BNMIT

Since 2001, B.N.M. Institute of Technology has emerged as well-established in Karnataka, led by the philanthropic and visionary ideas of Founder and Managing Trustee Shri. N. Raghunath Rao Maanay and Founder Secretary Prof. Sunanda P Jadhav, and further expanded by Shri. Narayan Rao Maanay, Secretary, BNM Educational Institutions.

BNMIT is an Autonomous institution since 2021. This most sought-after institution located in the heart of Bangalore city set on a lush landscaped green campus. BNMIT offers UG programs in Computer Science, Electrical & Electronics, Electronics & Communication, Mechanical, Information Science and Artificial Intelligence & Machine Learning, apart from MTech and MBA programs. The institute's state-of-the-art infrastructure includes Wi-Fi network, digital classrooms, highly sophisticated laboratories with latest equipment, Industry supported Centers of Excellence, Skill labs, fully furnished and equipped conference/seminar halls and a large auditorium.

BNMIT has adopted a unique outcome-based education system by employing project-based teaching-learning techniques with more emphasis on skill development. Centres of Excellence and specialized labs like Engineering Exploration Lab and Experiential Learning Lab help carry-out projects effectively. Implementation of LMS with Microsoft TEAMS ensures exceptional online education. QS-IGauge has certified BNMIT with E-Lead certification for excellence in E-Learning and Academic Digitization.

The Career and Professional development cell create global professionals through structured training programs, enabling 95% of eligible students to be placed across over 150 companies with attractive salary packages.

BNMIT is ranked by ARIIA in B Band category of Private Self-Financed institutions (26-50 Band) and holds NIRF Rank in the Band 200-250. Also BNMIT is NAAC accredited with “A” grade and all eligible programs are NBA accredited. Most of the surveys conducted by agencies like TIMES, OUTLOOK, Dataquest and India Today have ranked BNMIT one amongst top Institutions in the country.

Legacy of ICIITCEE - A Journey of Excellence

BNM Institute of Technology (BNMIT), Bengaluru, has been consistently organizing the International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (ICIITCEE) every January for the past four years. Over successive editions, ICIITCEE has emerged as a flagship international conference, recognized for its technical quality, global participation, and strong organizational framework. Since its inception, ICIITCEE has evolved into a premier international forum, attracting researchers, academicians, industry professionals, and students from across the world. Each edition has successfully provided a vibrant platform for knowledge exchange, innovation dissemination, and collaborative networking in the rapidly advancing domains of Computing, Electrical, and Electronics Engineering. The conference has successfully completed four consecutive international editions, demonstrating strong continuity, organizational excellence, and adherence to high technical and ethical standards. The past editions witnessed robust international participation, featured keynote talks by eminent academicians, industry leaders, and distinguished speakers, and included peer-reviewed technical sessions, special sessions, and workshops covering emerging and interdisciplinary research areas.

Success of ICIITCEE 2026 (4th Edition)

The 4th International Conference on ICIITCEE 2026, held on 22nd and 23rd January 2026 at BNMIT, Bengaluru, marked a significant milestone in the conference series.

- The conference received an overwhelming global response from researchers, academicians, and industry professionals.
- More than 1884 papers were submitted, all papers under went a rigorous double-blind peer review process, 572 high-quality research papers were accepted, and 295 papers were presented.
- The event served as a strong convergence point for theoretical insights, practical innovations, and emerging technologies in Computing, Electrical and Electronics.
- The success of ICIITCEE 2026 reinforced BNMIT's capability to host large-scale, impactful conferences.

Encouraged by the grand success of the previous four editions, BNMIT is proud to announce the 5th International Conference on ICIITCEE 2027, scheduled to be held on 21st and 22nd January 2027. ICIITCEE 2027 aims to further strengthen its legacy by offering a comprehensive technical program comprising paper presentations, special sessions, and workshops to exchange ideas, techniques, research experience and best practices providing an outstanding platform for academicians, researchers, practitioners, policymakers, and students to exchange ideas, share experiences, and discuss emerging challenges and solutions.

Objectives of the Conference:

- To provide a common platform for stakeholders to share ideas, innovations, and recent research findings.
- To strengthen collaboration between academia and industry at regional, national, and international levels.
- To enable students and early-career researchers to interact, learn, and network with experts.
- To bridge the gap between industry and academia through meaningful technical interactions.
- To promote high-level discussions and knowledge exchange in theoretical, experimental, and applied engineering domains.

Important dates:

Submission Deadline: 31st October 2026
Acceptance Notification: 15th November 2026
Final Paper Submission: 15th December 2026
Conference: 21-22 January 2027

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Call for Papers

5th International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (ICIITCEE 2027) will take place at, BNM Institute of Technology, Bengaluru, India, on 21 & 22 January 2027. All accepted and presented papers will be submitted for possible inclusion in the IEEE Xplore Digital Library.

IEEE Conference Record: 71543 **IEEE ISBN:** 979-8-3195-3775-1 **IEEE Part No:** CFP27DA7-ART

The topics of the conference include, but are not limited to:

Computer Engineering
- Intelligent Computing
- Database Management Systems
- Software Engineering
- Systems Software
- Data Communication & Networking
- Internet of Things
- Management Information System
- Bio Inspired Computing
- Bioinformatics
- Computer Vision
- Expert Systems
- Image Processing
- Information Retrieval and Fusion
- Data Engineering
- Data Mining
- Data Warehousing
- Compiler Design
- Computer System and Modeling operating System
- Parallel and Distributed Computing

Business Intelligence & Data Science
- Emerging trends in Information Technology and Business Analytics
- Internet Addiction
- Blockchain the Future Technology
- Applications of Artificial Intelligence & Machine Learning
- Remote Management of Technology Infrastructure
- Financial Informatics
- Business Process Optimization
- Gamification Technologies, Neuromarketing VR ,AR, and Mixed Reality
- Big Data and Analytics
- Generative AI
- Cloud Computing
- Cloud Security
- Algorithmic Trading
- Time Series Forecasting

Electrical and Electronics
- Advanced Control Strategies in Electric Vehicle
- Smart Grids, Energy Systems & Renewable Integration
- Sustainable Energy & Reduction in Carbon Footprint – Associated Studies
- Power Quality Issues & Mitigation Techniques
- FACTS, HVDC & Custom Power Devices
- High Voltage & Power Engineering Applications
- Hybrid EV, Plug-In Hybrid EV & Fuel Cell EV
- Vehicle to Grid, Vehicle to Building/ Critical Loads
- Autonomous Vehicle Technologies
- Energy Storage System
- Grid Reliability, Resilience – New Advances
- Autonomous Vehicle
- Software Defined Vehicle
- IOT & Digitital Twinning
- Cyber Security in Automotive
- AI in Automotive
- EMI & EMC Studies
- Energy Management
- Advanced Material for PV Cells
- Intelligent Power Electronic Systems
- Vehicular Communication Techniques

Electronics and Communication
- Signal Processing
- VLSI Design
- Antenna Engineering
- Photonic/Opto Electronic Structures/ Devices
- Nanophotonics
- Consumer Electronics
- Smart Electronics Systems
- Low Power VLSI Circuits & Mixed mode VLSI
- Satellite Communication
- VLSI Verification and Testing
- Robotics and Automation
- Next Generation Networks
- Optical and Photonic Networks
- Spread Spectrum Communication
- Sensors & Networks
- Embedded Systems
- Communication Systems
- Quantum Computing
- VLSI & VHDL Design & applications
- MEMS & Medical Electronics
- Cyber Security & AI in Automotive

Papers Submission:

Papers for presentations should conform to the format and specifications. All submissions must be in English only. Authors are invited to submit full paper (Minium 4 pages and Maximum 6 pages, double-column US letter size) as PDF using the templates. Extra pages beyond this would require additional page length charges.

'Double Blind Review' Process will be followed by the conference.

The Authors are requested to strictly adhere to the submission guidelines provided on the conference website before submitting the manuscripts. https://iitcee2027.bnmit.in/forauthors

The paper template can be downloaded from the link given below.

https://www.ieee.org/conferences/publishing/templates.html

Paper Submission Link:

https://cmt3.research.microsoft.com/IITCEE2027/Submission/Index

Call for Special Sessions

5th ICIITCEE 2027 will be hosting a series of special sessions. Special sessions feature topics related to the Computer, Electrical and Electronics Engineering on the latest research related to the area of interest of the proposer of the special session. Each organized session should have a minimum of 5 (FIVE) papers that will be subject to the regular review cycle by the session organizer. The session organizer will have full authority in soliciting and accepting papers for the session. The proposal should be submitted by September 30, 2026 to the General Chair through CMT.

Call for Tutorials/Workshop Proposals

In addition to exciting technical sessions, special sessions, industry panels and exhibitions, 5th ICIITCEE 2027 will feature a series of half and full-day workshops/tutorials and invites the submission of proposals. The aim of the conference workshops/tutorials is to emphasize emerging topics not specifically covered in the main sessions. Workshops/Tutorials should highlight current topics related to technical and business issues relevant to the conference, and should include a mix of regular papers, invited presentations and panels that encourage the participation of attendees in active discussion. For more details, visit https://iitcee2027.bnmit.in/

Registration fees:

Category	From India	From Other Countries
Author(s) (IEEE Members)	INR 7000	USD 175
Author(s) (Non-IEEE Members)	INR 9000	USD 225
Invited Presentation	INR 6500	USD 150
Conference Attendee / Listener	INR 2500	USD 75

For Authors/Attendees:

All accepted papers should have at least one author registered. Additional paper requires additional registration. Only presented papers will be eligible for publication.

Contact:

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General Chair ICIITCEE - 2027
E-mail: iitcee2027.bnmit@gmail.com