

About B.M.S. College of Engineering

The B.M.S. College of Engineering (BMSCE) was founded by a great visionary and philanthropist Late Sri. B. M. Sreenivasaiah (BMS) in the year 1946. After demise of the founder, Sri. B. S. Narayan the illustrious son of the Founder took over the reins of the College. Under his able leadership, the college grew from strength to strength. BMSCE is the first engineering college established in the country (pre independent India) by a private enterprise. The college is an aided institution (by Government of Karnataka) and affiliated to Visvesvaraya Technological University (VTU). BMSCE offers 13 UG, 12 PG & 15 Research programmes. BMSCE is proud to be the first and only Engineering Institute in Karnataka accredited with the Highest Grade in three consecutive cycles of NAAC accreditation.

The College became an autonomous institution under VTU in the year 2008-09. In the year 2011, BMSCE was recognized as a QIP Centre in Engineering & Technology by All India Council for Technical Education (AICTE). BMSCE is the only partner institution from India along with the other universities located in Chile, China, Germany and USA for the Melton Foundation, USA. . The college has a strong alumni base.

About the Department of ECE

The Department of Electronics and Communication Engineering (ECE) of BMSCE was established in 1971 with an initial intake of 60 students to the Under Graduate (UG) program and is enhanced to an intake of 420 students currently. The department offers three PG programs: Electronics (since 1986), Digital Communication Engineering (since 1996) and VLSI Design & Embedded Systems (since 2014). The department is also a recognized Research Centre (RC) by VTU from 2002 and is a recognized Quality Improvement Program (QIP) center by the AICTE from 2011. Department is accredited by NBA (Washington accord) for 3 years under TIER-1 (cycle -2) from 2023-2026.

About ICNEWS 2027

ICNEWS 2027 invites original research and prototypes focused on "Driving Sustainable Innovation." Key themes include Next-Gen Wireless (6G/V2X), Edge AI, and Intelligent Embedded Systems, with a strong emphasis on Sustainable Industrial Automation, Smart Healthcare, and Advanced VLSI/Quantum Technologies.

Call for Research Work

Track 1: Communications & RF Engineering

- Next-Gen Wireless: 6G/V2X models, RF/Microwave engineering, and Optical networking.
- Network Intelligence: Modeling, Simulation, and Quantum-safe communication.
- Security: Blockchain-enabled networks and Cyber-Physical Systems (CPS) security.

Track 2: Intelligent Systems & Edge Computing

- AI & Embedded: Edge AI, Intelligent Embedded Systems, and IoT architectures.
- Quantum & Computing: Quantum technologies and Energy-efficient (Green) computing.
- Signal Processing: Advanced DSP, Image processing, and Media Analytics.

Track 3: Smart Healthcare & Biomedical Systems

- Bio-Instrumentation: Smart healthcare devices and Biomedical signal interpretation.
- Wearable Tech: Flexible electronics and Human-Machine Interfaces (HMI).

Track 4: VLSI, Automation & Industrial Tech

- Microelectronics: VLSI Design, Low-power circuits, and Emerging materials.
- Industry 5.0: Sustainable Industrial Automation and Advanced Measurement/Control systems.
- Semiconductors: Wide-bandgap devices and Nanoelectronics for sustainability.

Track 5: Energy, Smart Cities & Sustainability

- Power Electronics: Smart Grids, Renewable Energy, and Electric Vehicle (EV) systems.
- Urban Innovation: IoT for Smart Cities and Environmental monitoring.
- Green Lifecycle: E-waste management, Circular Economy, and Clean Energy technologies.

Track 6: Demonstration of Testbeds, prototypes and real-world sustainable deployments.

Important Dates

Call for Papers (CFP) Release	June 25, 2026
Original Submission Deadline	Sept. 15, 2026
Notification of Acceptance	Nov 25, 2026
Registration Opens	Nov 26, 2026
Camera-Ready Paper Due	Dec 15, 2026
Early Bird Registration Ends	Dec 20, 2026
Last Date of Registration	Jan 10, 2027
Conference Dates	Feb 11-12, 2027

Submission Guidelines

Visit website <https://ieee-conference2027-ltf3.vercel.app/>



Registration Details

Category	Non-IEEE Member	IEEE Member
Student -UG/PG/ Research Scholars	₹5500	₹3900
Faculty/Industry Persons	₹6500	₹4550

• Certificates will be issued for registered participants only

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B. M. S. College of Engineering

(Autonomous College under VTU)
Bengaluru-19

3rd International Conference on Networking Embedded and Wireless Systems (ICNEWS 2027)

Driving Sustainable Innovation
(11-12 Feb 2027)

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