

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 NEWS 2025

The sixth edition of NEWS 2025 invites papers on diverse topics, including the next generation of wireless communication like 5G/6G, smart embedded systems, and cutting-edge applications in healthcare, industrial automation, and smart grids. Discussions will cover everything from secure blockchain networks and advanced VLSI design to novel quantum technologies and practical testbed deployments. This conference offers a vital platform for sharing groundbreaking ideas and fostering collaborations in these rapidly evolving fields.

Call for papers

- Sustainable Models and Systems for Next-Generation Wireless Communication and RF Engineering
- Vehicle-to-Everything (V2X) Communication
- Modeling, Simulation of Communication Networks
- Intelligent Embedded Systems and Edge AI
- Biomedical Signal Processing and Smart Healthcare Devices
- Digital Signal Processing & Image Processing
- Cyber-Physical Systems, Industrial Automation
- Smart Grids, Power Electronics, Renewable Energy
- Advanced Instrumentation, Measurement, Control Systems
- Quantum Technologies
- VLSI Design, Flexible Electronics, Emerging Materials for a Sustainable Future
- Network Security, Blockchain Technologies
- Photonics, Optoelectronics, Optical Networking
- Testbeds, Prototypes, Experimental Deployments
- Other allied areas towards Sustainable Eco system

About the Pre Conference Workshop

The Pre Conference Workshop (Dr M.S. Suma –FPGA and Design Hackathon)

Important Dates

Conference Launch, Call for Papers (CFP)	14 July 2025
Paper Submission Opens	1 Aug 2025
Last Date for Paper Submission	15 Sept. 2025
Acceptance Notification	10 Oct. 2025
Author Registrations for the Conference	13-15 Oct. 2025
Camera-Ready Paper (Revised Submissions) Due	25 Oct. 2025
Final Presentation Schedule	31 Oct 2025

Submission Guidelines

Visit website [www. news2025.org](http://www.news2025.org) for submission guidelines.

Registration Details

Category	Offline Mode (In-Person)	Online Mode (Virtual)
Non- ISOI members (Student -UG/PG/ Research Scholars)	₹900	₹750
ISOI members (Student -UG/PG/ Research Scholars)	₹700	₹600
Faculty/Industry Persons	₹1000	₹750

•Free ISOI membership for all registered student participants

•Certificates will be issued for registered participants only

•Visit website [www. news2025.org](http://www.news2025.org) for payment towards registration

Chief Patrons

Dr. B.S. Ragini Narayan, Donor Trustee

Dr. Dayanand Pai, Chairman, BMSCE

Patrons

Dr. Bheemsha Arya, Principal, BMSCE

Advisors

Dr. L. Ravikumar, Vice -Principal(Aca), BMSCE

Dr. Seshachalam D, Vice-Principal(Admin), BMSCE

General Chair

Dr. K. P. Lakshmi, Prof. & Head, ECE, BMSCE

Conveners

Dr. Santosh R. Desai, Professor, ECE, BMSCE

(M: 8618242724, santoshdesai.intn@bmsce.ac.in)

Dr Surendra H.H., Assoc. Prof., ECE, BMSCE

(M: 9449859023, surendrahh.ece@bmsce.ac.in)

Technical Program Committee

Dr Karthikeya G. S., Asst. Prof., ECE, BMSCE

Dr Feroz Morab, Asst. Prof., ECE, BMSCE

Publication and Marketing Committee

Dr. Lalitha S., Assoc. Prof., ECE, BMSCE

Dr. Madhusudhan K. N., Assoc. Prof., ECE, BMSCE

Mrs. Priyadarshini Jainapur, Asst. Prof., ECE,

Pre Conference Workshop Committee

Dr. M. S. Suma, Professor, ECE, BMSCE

Mrs. Pooja A. P., Asst. Prof., ECE, BMSCE

Finance Committee

Prof. Radha R. C., Asst. Prof., ECE, BMSCE

Prof Eesha D., Asst. Prof., ECE, BMSCE

Dr. Shivkumar M., Asst. Prof., ECE, BMSCE

Advisory Board

Dr. Sai Siva Gorthi, General Secretary, ISOI

Dr. Mukartihal. G.B., Joint Secretary, ISOI

Dr. Srinivas Talabattula, Professor, IISc.

Dr. Vishal Kumar, Professor, IIT Roorkee

Dr. Yogesh Vijay Hote, Professor, IIT Roorkee

Dr. S. Venkatesh, Professor, IIT Kanpur

Dr. Vivek Natarajan, Assoc. Professor, IIT Bombay

Dr. Shibhan Koul, Adjunct Professor, IIT Delhi

Dr. Vijay Prakash A. M., Professor, ECE, BIT

Mr. H. D. Ananda, Former Director, SPROC

Mr. Chandrashekhar B. U., Senior Architect, Synopsys Inc.

Mr. Somashekhar, Co-Founder & Technical Director, SM Electronic Technologies Pvt. Ltd.

Dr. Jayesh Barve, Principal -Digital, Controls & Optimization, GE Vernova

Dr. Ramesh G., GC Member, IETE

Registration Committee

Mrs. Sowmya Sunkara, Asst. Prof., ECE, BMSCE

Mrs. Pooja A. P., Asst. Prof., ECE, BMSCE

Dr. Shivkumar M., Asst. Prof., ECE, BMSCE

Mrs. Geeta, Asst. Prof., ECE, BMSCE

Hospitality Coordinator

Prof. Harish V. Mekali, Asst. Prof., ECE, BMSCE

Mrs. K. Poornima Kamath, Asst. Prof., ECE, BMSCE

Website coordinator

Mr. Suprith Kumar K. S., Asst. Prof., ECE, BMSCE

Mr. Syed Akram, Asst. Prof., CSE, BMSCE

Mr. Darshan, Student, ECE



B. M. S. College of Engineering,
(Autonomous College under VTU)
Bengaluru-19

6th National Conference
on

Networking Embedded and Wireless Systems (NEWS 2025)

Driving Sustainable Innovation

Hybrid mode

(6-7 November 2025)

Organized by

Department of

Electronics & Communication Engineering

in association with

Instrumentation Society of India