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Pre-Conference Symposium



The one-day Pre-Conference Symposium will be held on **12th October 2022** in association with **ELSOC** (Electronics Society) of B.M.S. College of Engineering. Regular UG/PG students can showcase their projects by submitting a report of maximum 3 pages at <https://easychair.org/my/conference?conf=news2022> and include **Student Project Showcase** as a keyword during submission. Best projects will be awarded.



B. M. S. College of Engineering

Bull Temple Road, Basavanagudi, Bengaluru 560019.

(Autonomous Institute under VTU)



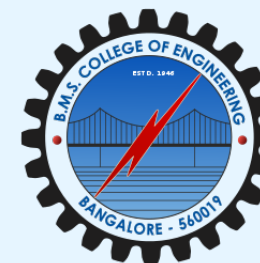
presents

5th National Conference on Networking, Embedded and Wireless Systems

“Evolving with Technology”

NEWS 2022

12th – 13th October 2022



Organized by

**Department of Electronics and
Communication Engineering**

in association with

**The Institution of Electronics
and Telecommunication Engineers
(IETE) Bengaluru Centre**

About the Institution

B.M.S. College of Engineering, Bengaluru has the unique distinction of being the first private engineering college established in the country in 1946. The institution owes its existence to the foresight and vision of its beloved founders, Late *Śrī* B. M. Sreenivasaiah and his illustrious son *Śrī* B. S. Narayan. Imparting quality education and training was the founder's vision for the development of skilled and competent engineers who will go on to become the workforce for the benefit of national prosperity.

The college initially started with three undergraduate programmes in 1946 and currently offers thirteen undergraduate and fifteen postgraduate programmes in conventional and emerging fields. In addition, the college also offers PhD programmes in fourteen of its departments which are recognized as research centers by the University, and is also approved as QIP Centre in Engineering and Technology by AICTE. The college maintains high academic quality standards, the certification by the National Assessment and Accreditation Council (NAAC) and National Board of Accreditation (NBA) bearing testimony for the same. In fact it is the first few institutions in the India to be bestowed with NBA in Tier-I Format (Washington Accord) in the year 2013. The institute is accredited by National Assessment and Accreditation Council (NAAC) with highest grade of A++ in the second Cycle with a CGPA of 3.83 on a scale of four. The institution is a proud recipient of TEQIP-III (World Bank Funded Project) after successful participation in TEQIP-I and II Projects. BMSCE is the only partner institution in the country with the Melton Foundation, USA which promotes cross-cultural learning for selected students along with peers from five other countries and is one of the most preferred higher educational destinations for students all across the country and also attracts students from South Asian and African countries.

About the Department

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 enhanced to an intake of 120 students from 1983 and 180 students from 2018. The department offers three Postgraduate Programmes: "M. Tech. Electronics" from 1986, "M. Tech. Digital Communication Engineering" from 1996 with an intake of 18 students and "M. Tech. VLSI Design & Embedded Systems" from 2014 with an intake of 24 students. The department is also a recognized Research Centre (RC) by VTU from 2002 and is a recognized Quality Improvement Programme (QIP) center by the AICTE from 2011. With these ac-

tivities on-hand, the overall objective of the department is to contribute significantly to the realization of the vision of BMSCE. The department is accredited by NBA for 6 years under TIER-I from 2017 to 2023. The department has a long tradition of excellence in educating, mentoring, and inspiring future technology leaders and researchers in the area of Electronics and Communication Engineering.

About IETE

The Institution of Electronics and Telecommunication Engineers (IETE) is the national apex body of professional engineers dedicated to promote the science and technology of Electronics, Telecommunications, Computers, Information Technology and allied areas. Established in 1953, IETE serves more over 50,000 members, both individuals and organizations/industries from India and abroad. IETE conducts various short-term courses, workshops and seminars to keep the aspiring professionals from Industry and R & D organizations involved in production and research in frontier areas of technology. The Bangalore center of IETE is one of the most active centers of the Institution striving to achieve the motto "*Saha vīryaṃ karavāvahaī*".

Theme of NEWS 2022

NEWS 2022 is organized with an objective to bring together academic scientists, researchers and research scholars to exchange and share their experiences and research results. The conference provides the interdisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, concerns and practical challenges encountered and the solutions adopted in the field of **Networking, Embedded and Wireless Systems**. For more details, please visit <http://news2022.in>.

Call for papers

NEWS 2022 solicits original research papers in the following areas, but not restricted to:

- Adhoc & Wireless Sensor Networks
- Modeling & Simulation of Communication Networks
- Computer Networks and Multimedia Communication
- Artificial Intelligence and Machine Learning
- Cryptography and Network Security
- Wireless Communication
- Mobile Communication and Computing
- Digital Signal Processing and Applications
- VLSI Design and Test
- Embedded Systems and Applications

- Robotics and Automation
- Smart Antennas and MIMO
- Reconfigurable Computing Systems
- IoT and Cloud computing

Submission Guidelines

Authors are requested to submit a soft copy of the full length paper (maximum of 6 pages, exceeding which ₹500/- will be charged per page) at <https://easychair.org/my/conference?conf=news2022> within the stipulated date. The papers should be strictly in IEEE double-column format. These papers will be peer reviewed and evaluated based on originality, technical and research content. The acceptance of the paper will be intimated by mail. At least one author of an accepted paper must register for the conference for the paper to be included in the proceedings. Best papers will be awarded at the conference. **Selected papers presented at the conference will be communicated for publication in the International Journal of Science, Technology, Engineering and Management (IJSTEM): A VTU Publication ISSN: 2582-5844 (Online).**

Important Dates

Paper Submission Deadline	31 st August 2022
Acceptance Notification	30 th September 2022
Camera Ready Submission	5 th October 2022
Last date for Registration	5 th October 2022

Registration

Interested participants are requested to register by filling out the following Google form:

<https://forms.gle/nBibuRDhMRCuP78h8>

Registration fee to be paid to the following Bank Account or using the QR code. Kindly include a screenshot for proof of payment in the registration form.

Account Name: NEWS DEPARTMENT CONFERENCE

Bank Name: Indian Bank, Hanumanthnagar branch.

Address: B.M.S. College of Engineering Campus, Bengaluru 19.

Account Number: 50099349759

IFSC: IDIB000B607

Industry Professionals	₹2,000/-
Faculty and Research Scholars	₹1,500/-
UG/PG Student Delegates	₹1,000/-
Pre-Conference Symposium	₹500/-

