

### Chief Patrons:

Dr. B S Ragini Narayan, Donor Trustee, BMSET  
Dr. P Dayananda Pai, Chairman, BMSCE  
Sri. Aviram Sharma, Trustee, BMSET  
Sri. Ravi Venkatesam, Trustee, BMSET

### Patrons:

Dr. S Muralidhara, Principal, BMSCE  
Dr. Suresh Ramaswamyreddy, Vice Principal  
(Academic), BMSCE  
Dr. Bheemsha, Vice Principal (Admin), BMSCE

### Conference Chair:

Dr. Siddappaji, HOD, ECE, BMSCE, Bangalore.

### Convenor:

Dr. H N Latha, BMSCE, Bangalore  
Dr. Hemavathi, BMSCE, Bangalore

### TPC Chair & Co-Chair:

Dr. Abhishek Appaji M, BMSCE, Bangalore  
Dr. Archana H R, BMSCE, Bangalore  
Dr. Rajath Vasudevamurthy, BMSCE, Bangalore  
Dr. Shachi P, BMSCE, Bangalore

### Publication Chair & Co-Chair:

Dr. K R Sudhindra, BMSCE, Bangalore  
Dr. Karthikeya G.S, BMSCE, Bangalore  
Dr. Jeeru Dinesh Reddy, BMSCE, Bangalore

### Organizing and Finance Committee:

Prof. K Sujatha, BMSCE, Bangalore  
Dr. Kiran Bailey, BMSCE, Bangalore  
Dr. Surendra H H, BMSCE, Bangalore

### About the College

B.M.S. College of Engineering, Bangalore 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 Sri. B. M. Sreenivasaiah and his illustrious son Sri. B. S. Narayan. Imparting quality education and training was the founder's vision for the development of skilled and competent engineers, the workforce for the benefit of national prosperity. This vision of the founders has inspired the institution to take right steps in meeting its objectives ever since its inception. BMSCE has completed 76<sup>th</sup> year of its journey of promoting engineering education. The college, initially started with 3 undergraduate programmes in 1946, and currently offers 18 undergraduate and 13 postgraduate programmes in conventional and emerging fields. In addition, the college also offers PhD programmes in 15 of its departments which are recognized as research centres by the University, and is also approved as QIP Centre in Engineering & 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) is the testimony of 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 College has been effectively practicing Outcome-Based Education and is recognised as a mentor institution under TEQIP III.

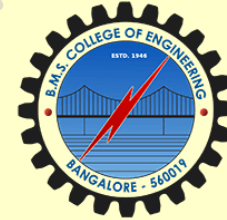
### About the Department

The department of Electronics and Communication Engineering was established in 1971 with an initial intake of 60 students to the UG program and enhanced to 276. The department offers three PG programs in the field of Electronics, Digital Communication Engineering and VLSI Design & Embedded Systems and is recognized as a Research Centre by Visveswaraya Technological University and for the QIP Research programs from AICTE. The department has been accredited by NBA for a period of 6 years under Tier-I in 2017. With these, various programs are being offered at the UG, PG and the doctoral level. The overall objective of the department is to contribute significantly to the realization of the Vision and Mission of BMSCE.

## 2<sup>nd</sup> INTERNATIONAL CONFERENCE ON NETWORKING, EMBEDDED AND WIRELESS SYSTEMS (ICNEWS - 2024)

*"WIRELESS TECHNOLOGY - BUILDING A DIGITAL WORLD"*

**August 22<sup>nd</sup> – 23<sup>rd</sup> 2024**



Department of Electronics and Communication  
Engineering

**B.M.S. College of Engineering**

Autonomous College under VTU,  
PB No. 1908, Bull Temple Road,  
Bangalore – 560 019  
Karnataka, India

Phone: +91-080-26622130-35

Technically Co-sponsored by



Website: [www.icnews2024.com](http://www.icnews2024.com)

## ICNEWS-2024

With the huge success of NEWS (Networking, Embedded and Wireless Systems) since its inception way back in 2010 at the national level and ICNEWS in 2018 at the international level, once again we are aiming to reach out to a larger research community at International level. Keeping in line with the tradition of NEWS & ICNEWS-2018, ICNEWS-2024 has rightly coined the theme for the conference as **“Wireless Technology - Building a Digital World”**.

The conference provides an interdisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges and solutions adopted in the field of Networking, Embedded and Wireless Systems.

### Call for papers

ICNEWS-2024 solicits original research papers in the following areas but not restricted to:

- Adhoc & Wireless Sensor Networks
- Modeling & Simulation of 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
- Image Processing
- VLSI Design and Testing
- Embedded System Architecture
- RTOS
- Ubiquitous and Distributed Embedded Systems and Networks
- Embedded system applications
- MIMO and Adaptive Antennas
- OFDM, CDMA and Spread Spectrum systems
- Reconfigurable Computing Systems
- IOT and Cloud computing

## Submission Guidelines

Authors are requested to submit a soft copy of the full-length paper (a minimum of 6 pages and a maximum of 8 pages, exceeding which ₹1000/- will be charged per page) at <https://cmt3.research.microsoft.com/User/Login?ReturnUrl=%2FICNEWS2024%2F> within the stipulated date. The papers should be strictly in IEEE double-column format. You may please refer to <https://www.ieee.org/conferences/publishing/templates.html> for the template. The papers will be peer-reviewed and evaluated based on originality, technical, and research content. A double-blind review process will be strictly followed. Hence the initial submission must not disclose the identity of the authors. Any manuscripts revealing the identity of the authors will be rejected without review. The acceptance of the paper will be intimated by e-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. All accepted and presented papers will be sent to IEEE digital Xplore for possible inclusion.**

### Registration fee

Author	Non IEEE members	IEEE members
Author (Industry):	INR 9000/-	INR 7200/-
Author(Academia):	INR 8000/-	INR 6400/-
Research scholar/ Student Author	INR 7000/-	INR 5600/-
Participants	INR 3000/-	INR 2400/-
Foreign Authors	300\$ (US)	240\$ (US)

### Important Dates

Paper Submission Open:	10 <sup>th</sup> June 2023
Paper Submission Deadline:	<b>15<sup>th</sup> May 2024</b>
Acceptance Announcement:	15 <sup>th</sup> June 2024
Camera Ready Paper Submission Deadline:	15 <sup>th</sup> July 2024
Registration Deadline:	31 <sup>st</sup> July 2024

\* Photo copies can be used for more than one participant.

\* Registration forms can also be downloaded from the website.

### MODE OF PAYMENT

On-line Registration fee can be paid by on-line money transfer using net banking facility. Following are the transaction details:

Kindly include proof of payment in the Google form.

Account Name	NEWS DEPARTMENT CONFERENCE
Account Number	50099349759
Bank	INDIAN BANK
IFSC Code	IDIB000B607
MICR Code	560010007
Address	B.M.S. Engineering College Campus, Hanumanthanagar, Bangalore, Karnataka-560019

Name: DEPARTMENT OF ECE BMSCE  
Pay Directly to: newsece@indianbk



### VENUE

B.M.S. College of Engineering,  
Autonomous College under VTU,  
PB No. 1908, Bull Temple Road,  
Bangalore – 560 019  
Karnataka, India  
Phone: +91-080-26622130-35

## Advisory Board:

### National:

1. Dr. Rathna G N, Principal Research Scientist, IISc, Bangalore
2. Dr. T Srinivas, Associate Professor, IISc, Bangalore
3. Dr. C P Ravikumar, Technical Director, Technical Talent Development, Texas Instruments India
4. Prof. Shibam Koul, Professor Emeritus, IIT Delhi
5. Dr. M H Kori, Technology Consultant, Chairman TPCC, IETE, IMAPS India
6. Dr. B S Saini, Professor, NIT, Jalandhar
7. Mr. Chandrashekar B U, Principal Engineer R&D, Synopsis, India
8. Dr. Arpan Desai, Charotar University of Science and Technology (CHARUSAT), Gujarat
9. Dr. K L Sudha, Professor, DSCE, Bangalore, Karnataka
10. Dr. Naveen Kumar K, Professor, Mangalore University, Mangalore, Karnataka
11. Dr. Shankaraiah, Professor, JSSSTU, Mysore
12. Dr. Umadevi H, Professor, Dr. AIT, Bangalore
13. Dr. G T Raju, Principal, SJGIT, Chickaballapur
14. Dr. Sudip Misra, Professor, IIT, Kharagapur
15. Dr. Krothapalli S Rao, Professor, IIT, Kharagapur
16. Dr. D Seshachalam, Professor, BMSCE
17. Mr. Somashekar, Director, SMET, Bangalore

### International:

1. Dr. S S Iyengar, Professor, University of Florida, Miami, USA
2. Dr. Shivakumar Sastry, Professor, University of Akron, Akron USA
3. Dr. Nagaraja Thanthy, Cisco Systems Inc USA
4. Dr. Heng Tung Hsu, International College of Semiconductor technology, National Yang Ming Chiao Tung University, Hsinchu, Taiwan
5. Mr. Muhammad Idrees Magray, Antenna Engineer ASUSTek Computer Inc., Taipei Taiwan

### Steering Committee:

1. Dr. Akhila S, Professor, BMSCE, Bangalore

2. Dr. Vasundhara Patel K S, Professor, BMSCE
3. Dr. G Poornima, Associate Professor, BMSCE
4. Dr. Arathi R Shankar, Associate Professor, BMSCE

### Technical Program Committee:

1. Dr. A Meera, BMSCE, Bangalore
2. Dr. M N Suma, BMSCE, Bangalore
3. Dr. K P Lakshmi, BMSCE, Bangalore
4. Dr. Jayanthi K Murthy, BMSCE, Bangalore
5. Dr. Veena M B, BMSCE, Bangalore
6. Dr. R Jayagowri, BMSCE, Bangalore
7. Dr. Rajanikanth K N, BMSCE, Bangalore
8. Dr. Geetishree Mishra, BMSCE, Bangalore
9. Dr. Madhusudhan K N, BMSCE, Bangalore
10. Dr. M A Sunil, BMSCE, Bangalore
11. Dr. Feroz Morab, BMSCE, Bangalore
12. Dr. Viveka Konandur Rajanna, IISc, Bangalore
13. Dr. Abhishek Kumar, IIT Hyderabad
14. Dr. Chinmayananda A, IIIT, Dharwad
15. Dr. Basavaraj Talwar, NITK Surathkal
16. Dr. Rakesh Kumar Palani, IIT Delhi
17. Dr. Suraj Sindia, Intel Corporation, USA.
18. Dr. Radhakrishna Bhat, MIT, Manipal
19. Dr. P Aparna Dinesh, NITK, Surathkal
20. Dr. Ekta Goel, NIT, Warangal, Telangana
21. Dr. Aparna Mohanty, VIT, Chennai.
22. Dr. Manjula Raja, SRM University, AP
23. Dr. Kankana Roy, University of Luxembourg
24. Dr. S Lekashri, Anna University, Chennai
25. Dr. Monoj Kumar Singha, University of Allahabad
26. Dr. Prakash Kodali, NIT Warangal
27. Dr. Veda S Nagaraja, Senior scientist, Ireland

### CONTACT:

Dr. Latha H. N.  
Phone No: +918296390933  
e-mail: lathahn.ece@bmsce.ac.in  
Dr. Hemavathi  
Phone No: +91 98456 59916  
e-mail: hemavathi.ece@bmsce.ac.in

## 2<sup>nd</sup> INTERNATIONAL CONFERENCE ON NETWORKING, EMBEDDED AND WIRELESS SYSTEMS (ICNEWS -2024)

August 22<sup>nd</sup> – 23<sup>rd</sup> 2024



### Registration Form

1. Name: .....
2. Designation: .....
3. Qualification: .....
4. Organization: .....
5. Phone: .....
6. Email: .....
7. Author / Participant.....
8. Mode of payment: DD NEFT  
Amount.....  
DD/UTR No. ....  
Date.....  
Bank.....

Date:

Signature of applicant

Mr./Ms./Dr.....is an employee of.....Institute and he/she is here by sponsored to attend the conference.

Signature and seal of the Sponsoring authority