

### Chief Patrons:

Dr B S Ragini Narayan, Donor Trustee, BMSET  
Dr P Dayananda Pai, Chairman, BMSCE  
Sri K Jairaj IAS (Retd.), Trustee, BMSET

### Patrons:

Dr K Mallikharjuna Babu, Principal, BMSCE  
Dr Ravishankar B V, Vice Principal, BMSCE

### Conference Chair:

Dr G Poornima HOD, ECE, BMSCE, Bangalore

### Convenor:

1. Dr Siddappaji, BMSCE, Bangalore
2. Dr K S Vasundhara Patel, BMSCE, Bangalore

### Organizing Committee:

1. Dr A Meera, BMSCE, Bangalore
2. Dr Akhila S, BMSCE, Bangalore
3. Dr Jayanthi K Murthy, BMSCE, Bangalore
4. Dr Arathi R Shankar, BMSCE, Bangalore
5. Dr M N Suma, BMSCE, Bangalore
6. Dr K P Lakshmi, BMSCE, Bangalore
7. Dr Prerana Gupta Poddar, BMSCE, Bangalore
8. Dr Veena M B, BMSCE, Bangalore
9. Dr K R Sudhindra, BMSCE, Bangalore
10. Dr R Jayagowri, BMSCE, Bangalore
11. Dr Kiran Bailey, BMSCE, Bangalore
12. Dr Geetishree Mishra, BMSCE, Bangalore
13. Prof Narayan T Deshpande, BMSCE, Bangalore
14. Prof G Prapulla, BMSCE, Bangalore
15. Prof K Sujatha, BMSCE, Bangalore
16. Prof Shaila Hegde, BMSCE, Bangalore
17. Prof Latha H N, BMSCE, Bangalore
18. Prof S Lalitha, BMSCE, Bangalore
19. Prof K Vijaya, BMSCE, Bangalore
20. Prof Soumya Sunkara, BMSCE, Bangalore
21. Prof H H Surendra, BMSCE, Bangalore
22. Prof Harish V Mekali, BMSCE, Bangalore
23. Prof Ashwini V, BMSCE, Bangalore
24. Prof R C Radha, BMSCE, Bangalore
25. Prof B Harshitha, BMSCE, Bangalore
26. Prof Archana H R, BMSCE, Bangalore
27. Prof Sanjana T, 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, Late 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 70<sup>th</sup> year of its journey of promoting engineering education. The college, initially started with 3 undergraduate programmes in 1946, and currently offers 12 undergraduate and 15 postgraduate programmes in conventional and emerging fields. In addition, the college also offers PhD programmes in 14 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 Outcomes-based Education and is recognised as a mentor institution under TEQIP III. BMSCE is the only Partner institution in the country with the Melton Foundation, USA which promotes cross cultural learning for the selected students along with peers from five other countries and is one of the most preferred higher educational destinations for the students all across the country and also attracts students from South Asian & African countries.

## INTERNATIONAL CONFERENCE ON NETWORKING, EMBEDDED AND WIRELESS SYSTEMS (ICNEWS -2018)

*"WIRELESS TECHNOLOGY -  
BUILDING A PROGRESSIVE WORLD"*

**December 27<sup>th</sup>- 28<sup>th</sup> 2018**



Department of Electronics and Communication  
Engineering

### BMS College of Engineering

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

Sponsored by



Website: [www.icnews2018.com](http://www.icnews2018.com)

### 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 later enhanced to 120. The department offers three PG programs in the field of Electronics, Digital Communication Engineering and VLSI & Embedded Systems and is recognized as a Research Centre by Visveswaraya Technological University and for the QIP Research programs. 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.

### ICNEWS-2018

With the huge success of NEWS (Networking, Embedded and Wireless Systems) since its inception way back in 2010 at the national level, we are now aiming to reach out to a larger research community at International level. Keeping in line with the tradition of NEWS, ICNEWS-2018 has rightly coined the theme for the conference as **“Wireless Technology - Building a Progressive 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-2018 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
- 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 (limited to 6 pages) through Easy Chair within the stipulated date. The papers should be strictly in A4 size IEEE 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 to include the paper in the conference proceedings. **Best papers will be awarded. All accepted and presented papers will be sent to IEEE digital explorer for inclusion.**

### Registration fee

Author	National	International
Author (Industry):	INR 8000/-	USD 200
Author(Academia):	INR 6000/-	USD 150
Research scholar/Student Author	INR 5000/-	USD 125
Co-Author :	INR 3000/-	USD 75
Delegate:	INR 2000/-	USD 50

### MODE OF PAYMENT

Registration fee can be paid by Demand Draft in favour of **“NEWS DEPARTMENT CONFERENCE”** payable at Bangalore.

Registration form along with DD should be sent to the following address:

### ICNEWS -2018

**HOD, Department of ECE, BMS College of Engineering, Bull Temple Road, Bangalore -560019**

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

Account Name	NEWS DEPARTMENT CONFERENCE
Account Number	50099349759
Bank	ALLAHABAD BANK
IFSC Code	ALLA0212011
MICR Code	560010007
Address	<b>BMS Engineering College Campus, Hanumanthnagar, Bangalore, Karnataka 560019</b>

### VENUE

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

### Important Dates

Paper Submission Open:	20 <sup>th</sup> March 2018
Paper Submission Deadline:	<b>31<sup>st</sup> August 2018</b>
Acceptance Announcement:	25 <sup>th</sup> September 2018
Camera Ready Paper Submission Deadline:	15 <sup>th</sup> November 2018
Author Registration Deadline:	10 <sup>th</sup> December 2018
Delegates Registration Deadline:	20 <sup>th</sup> December 2018

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

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

## Advisory Board:

### National:

1. Dr Rathna G N, Principal Research Scientist, IISc, Bangalore
2. Dr M H Kori, Technology Consultant, Chairman TPCC, IETE, IMAPS India
3. Dr K S Venkatesh, Professor, IIT, Kanpur
4. Dr Sudeendra Kaushik, Chair IEEE Bangalore
5. B S Bindhumadhava, Sc - F & Associate Director, Centre for Development of Advanced Computing (C-DAC), Govt of India, Bangalore.
6. Dr C P Ravikumar, Technical Director, Technical Talent Development, Texas Instruments India
7. Smt Mamatha D, Scientist-SG, ISRO, Bangalore, Karnataka
8. Dr Manjunatha Mahadevappa, Professor, IIT, Kharagpur
9. Dr Deepak Gupta, Professor, IIT – Kanpur, U P
10. Dr Panduranga Vittal K, Professor, NIT, Karnataka
11. Dr Sanjiv V Bonde, Professor, Swami Ramanand Teerth Marathwada University, Nanded, Maharashtra
12. Dr V Sridhar, Principal, PESCE, Mandya, Karnataka
13. Dr D Kumar, Professor, Periyar Maniammai, University, Tanjavur, Tamilnadu
14. Dr Vangala Padmaja, Professor, JNTU, Hyderabad, Telangana
15. Dr Nagaraj H C, Dean, Faculty of Engineering, VTU, Karnataka
16. Dr Rajeshwari M Banakar, Professor, KLE Technological University, Hubli, Karnataka
17. Dr K L Sudha, Professor, DSCE, Bangalore, Karnataka
18. Dr Naveen Kumar K, Professor, Mangalore University, Mangalore, Karnataka
19. Dr Rohini Nagapadma, Professor, NIE, Mysore, Karnataka

### International:

1. Dr Prof Ali N Akansu, Professor, NJIT, University Heights, Newark, USA
2. Dr Himanshu Thapliyal, Asst. Professor, University of Kentucky, USA
3. Dr Sandip Kundu, Professor, University of Massachusetts, USA
4. Dr Nizar Naji Abdulameer Albassam, Head of Research & Consultancy, Middle East College, Muscat, Sultanate of Oman
5. Dr Anilloy Augustine Frank, Assistant HOD, Department of ECE, Middle East College, Muscat, Sultanate of Oman
6. Dr S S Iyengar, Professor, University of Florida, Miami, USA
7. Dr Jia Di, Professor, 21<sup>st</sup> Century Research Leadership Chair College of Engg (CSCE) Computer Science & Computer Engg University of Arkansas, USA
8. Dr Ashok Srivastava, Professor, Louisiana State University Division of Electrical & Computer Engg, USA
9. Dr Sudeep Pasricha Associate prof and chair of Computer Engg director, embedded system and High performance Computer Lab, Department of Electrical & Computer Engg, Colorado State University USA

### CONTACT:

Dr Siddappaji  
Phone No: +919945391911  
e-mail: siddu.ece@bmsce.ac.in

Dr K S Vasundhara Patel  
Phone No: +919945217699  
e-mail: vasu.ece@bmsce.ac.in

## INTERNATIONAL CONFERENCE ON NETWORKING, EMBEDDED AND WIRELESS SYSTEMS (ICNEWS -2018)

27<sup>th</sup> - 28<sup>th</sup> December 2018



### 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