

CONVENOR

Dr Prakash S P

Professor & Head, Department of ECE, BIT-Sathyamangalam

Dr Maheswari K T

Professor & Head, Department of EEE, BIT-Sathyamangalam

Dr Vairavel K S

Associate Professor & Head, Department of EIE, BIT-Sathyamangalam

Dr Harikumar R

Professor, Department of ECE, BIT-Sathyamangalam

Dr Ganeshbabu C

Professor, Department of EIE, BIT-Sathyamangalam

Dr Deepa D

Professor, Department of BME, BIT-Sathyamangalam

Dr Poongodi C

Professor, Department of ECE, BIT-Sathyamangalam

ORGANIZING SECRETARY

Dr Sampooranam K P

Professor, Department of ECE, BIT-Sathyamangalam

Dr Pushpavalli M

Associate Professor, Department of ECE, BIT-Sathyamangalam

Dr Ramya P

Associate Professor, Department of ECE, BIT-Sathyamangalam

Dr Sathishkumar S

Associate Professor, Department of EEE, BIT-Sathyamangalam

Dr Manojkumar P

Associate Professor, Department of EEE, BIT-Sathyamangalam

Dr Haritha J

Assistant Professor, Department of EIE, BIT-Sathyamangalam

Ms Caroline Vinneta S

Assistant Professor, Department of BME, BIT-Sathyamangalam

Mr Syed Althaf

Assistant Professor, Department of BME, BIT-Sathyamangalam

Journals of Interest for Publication:

All accepted and registered papers will be published in the conference proceedings. Further, the selected papers will be proposed for publishing in good quality journals (as per journal guidelines) listed below based on willingness of the authors. All papers submitted as per the guidelines will undergo double-blinded peer review and the acceptance will be based on the relevance, originality, contribution, validity, and presentation. Based on the recommendation from the editorial board, the camera-ready paper must be submitted for final acceptance.

List of Journals

1. Indian Journal of Science and Technology
2. Journal of Environmental Nanotechnology

Mail ID: icssss@bitsathy.ac.in

IMPORTANT DATES

Paper Submission Deadline	27 March 2026
Notification of Acceptance	03 April 2026
Registration Open Date	06 April 2026
Camera Ready Paper Submission	08 April 2026
Registration Deadline	11 April 2026
Release of Conference Schedule	15 April 2026
Conference Date	17-18 April 2026

Conference Fee Details:

Registration fee (inclusive of GST)

UG, PG Students	Rs. 1000/-
Research Scholars & Faculty	Rs. 1500/-
Industrial Experts	Rs. 2000/-

Payments Details*

Mode of Payment	: Online Transfer
Bank Name	: Axis Bank
A/C Name	: BIT-Center for Advance Studies
A/C Number	: 911010036862582
Branch Name	: Sathyamangalam
IFSC Code	: UTIB0000368

Contact Details

1. Dr Pushpavalli M - 9943314368
2. Dr Sathishkumar S - 9942130500
3. Mr Syed Althaf - 6369375421

BANNARI AMMAN

INSTITUTE OF TECHNOLOGY

An Autonomous Institution, Affiliated to Anna University,
Approved by AICTE, Accredited by NAAC with 'A+' Grade



Fifth International Conference on Circuits, Signals, Systems and Securities (ICSSSS-2026)

17-18 APRIL 2026

Organized by

**Department of ECE, BME, EEE and E&I
(Hybrid Mode)**

*Indexed in leading databases
Web of Science and Scopus*



ABOUT THE CONFERENCE

This conference will provide a wonderful forum to refresh the knowledge base and explore the innovations in signal processing and systems, Smart Technologies in Power System, Smart Automation and its allied fields. It is also a good platform for researchers, academia professionals and students to disseminate information on the latest developments on the themes mentioned above. This conference strives to offer plenty of networking opportunities and interact with leading scientists, researchers and colleagues. The conference includes technical sessions, tutorials, technology and business panels. Prospective authors are invited to submit the papers to the conference. The primary goal of ICCSSS 2026 is to provide a platform to promote sharing of ideas which will contribute to fostering continued research in the respective field.

ABOUT BIT

Bannari Amman Institute of Technology is an autonomous, self-financing engineering college approved by AICTE, New Delhi, and affiliated to Anna University, Chennai. Located on the banks of the river Bhavani. BIT offers 12 UG, 2 PG and MBA programmes, while all the departments offer PhD programmes. The institute has well-established academic and research facilities with many state-of-the-art initiatives. The campus has excellent infrastructure built in collaboration with industry and research partners. The spacious and earth-connected buildings with their landscaped courtyards and pathways are designed to emphasise business ethics and the characteristics of an excellent learning centre. The campus houses well-planned academic blocks, computer centres, lecture halls, libraries, laboratories, conference rooms, staff quarters, residence halls and student centres.

CALL FOR PAPERS

ICCSSS 2026 welcomes the submission of papers in the following areas (but not restricted to the below topics):

Smart Signal Processing Systems

- Signal Processing
- Audio/Speech Processing
- Image/Video Processing
- Statistical Signal Processing
- Analog and Digital Signal Processing
- Design and implementation of Signal Processing Systems
- Soft Computing Techniques

Data Security Systems

- Security and Forensics
- Internet of Things and Security
- Artificial Intelligence/Big Data Analytics
- Machine Learning and Deep Learning
- Data Science and Optimization
- Cyber-Physical Systems
- AI/ML-Enabled Wireless Networks
- Broad Band Communication

Wireless Communication Systems

- Computational Electromagnetics
- Smart Antenna Design
- MEMS
- MIMO and Massive MIMO
- Cognitive Communications

Control Systems & VLSI

- Control system and Robotics
- Advanced VLSI Systems
- Smart Technologies in Power System
- Biomedical Circuits and Systems

Smart Automation Systems

- Industrial Process Control
- Smart Sensors and Intelligence
- AI based Industrial Applications
- Fault Detection and Diagnosis
- Industry 4.0 & IIoT
- Industrial Automation
- Advances in Measurements and Instrumentation

Power and Energy Systems

- Power and Energy Systems for Smart Industry
- New Energy Vehicles, Internet Energy Equipment
- Green Building
- Materials and Energy-saving Buildings
- Renewable Energy Sources and Systems
- Battery Technology – Materials and Systems
- Other Energy Storage Systems

Power Electronics, Drives and Machines

- Analysis, control, and design of electrical machines and drives
- Emerging converter topologies, modeling, simulation, and control
- Design and applications of wide band gap power electronic devices (SiC, GaN)
- Motor drive technologies for industrial applications
- Power converters for EV chargers and power-train
- Battery management systems, fuel cell
- Health monitoring, predictive maintenance of electrical machines
- Micro-grid and Nano-grid
- Energy management of Micro Grid
- Building Energy Management, Signal Processing for the Smart Grid.

ADVISORY COMMITTEE

Dr Palanisamy C Principal, BIT

Dr Sivakumar K Dean-Admin, BIT

Dr Amarkarthick A Dean-Academic, BIT

TECHNICAL ADVISORY COMMITTEE

Dr Moorthi S National Institute of Technology, Trichy

Dr Esakkirajan S Professor, Department of ICE, PSGCT, Coimbatore

Dr Hemalatha K Professor, Department of BME, VIT University, Vellore

Dr Shanmuga Raja P Professor, Department of EIE, Annamalai University, Chidambaram

Dr Raghappriya M Assistant Professor, Department of EIE, GCT, Coimbatore.

Dr Veerakumar T Associate Professor & HoD, Department of ECE, NIT, GOA

Dr Balamurugan N B Professor, Department of ECE, Thiagarajar College of Engineering, Madurai

Dr Sudarmani R Associate Professor, Department of ECE, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore.

Dr Kavithaa G Associate Professor, Department of ECE, Government College of Engineering, Salem.

Dr Dhinakaran M Associate Professor, Department of ECE, Government College of Engineering, Salem.

Dr Selvaganesan N Associate Professor, Department of Avionics, Indian Institute of Space Science and Technology (IIST), Thiruvananthapuram, Kerala

Dr Aravinth J Associate Professor, Department of ECE, Amrita University, Coimbatore

Mr Boopathy Sakthivel Founder and CEO, Prashan Medical technologies, Coimbatore.

Mr Kumaravel Founder & CEO, VAct Technologies, Coimbatore