ABOUT THE INSTITUTION

Bharath Institute of Higher Education and Research (BIHER), located in Chennai, Tamil Nadu, stands as a testament to the visionary leadership of Dr. S. Jagathrakshakan, its founder. Established in 1984 under the Sri Lakshmi Ammal Educational Trust, BIHER has evolved into a premier deemed-to-be university recognized by the UGC. Dr. S. Jagathrakshakan 's mission of delivering quality education and fostering innovation has positioned the institution as a hub for academic and research excellence. BIHER offers various undergraduate, postgraduate, and doctoral programs across engineering, medicine, law, arts, and management disciplines. Its world-class infrastructure, cutting-edge laboratories, and extensive libraries create an ideal learning environment. With a strong focus on research and industry partnerships, the institute consistently drives technological progress and societal transformation. Accredited by NAAC with an "A" grade, BIHER exemplifies Dr. S. Jagathrakshakan 's vision of empowering students to achieve global success and contribute meaningfully to society.

ABOUT THE DEPARTMENT

About the Dept The Department of Electronics and Communication Engineering (ECE) at Bharath Institute of Higher Education and Research (BIHER) is recognized for its commitment to academic and research excellence. Equipped with state-of-the-art teaching and research laboratories, the department fosters a competitive and innovative learning environment. Faculty members and students engage actively in multidisciplinary research, focusing on areas such as power electronics, renewable energy systems, control systems, VLSI design, and RF & microwave engineering.

The department emphasizes hands-on learning and industry collaboration, offering consultancy, training programs, and opportunities for student projects in partnership with leading organizations. Additionally, it houses a Center of Excellence in Electric Mobility and VLSI Design to enhance technical skills and research capabilities.

Boasting a placement record consistently above 90% in recent years, the department prepares students for success in both core and software industries through comprehensive career guidance and development programs. Students are encouraged to present their work at national and international conferences and participate in various extracurricular activities, promoting holistic growth.

ABOUT THE CONFERENCE

The National Conference on Signal Conditioning and Communication Engineering Systems (NCSC) is an academic and professional event designed to bring together researchers, engineers, and scholars working in the fields of Signal Processing, Communication Engineering, and related areas. This conference provides a platform for participants to present their latest research findings, innovations, and developments in signal conditioning and communication systems. The conference typically emphasizes the growing need for innovations in signal processing and communication systems due to the rapid technological advancements and increasing demand for better communication infrastructures,

KEY NOTE SPEAKERS

Dr.A.Divya, Assistant Professor (Sr.G), ECE, MIT, Anna University, Chennai.

Mr B Jayaprakash Senior Architect at Ericsson India Global Services Private Limited Chennai.

Dr. Pandiyarasan Veluswamy Professor / ECE, IIITDM, Chennai .

B. K. S. GOKUL Network Engineer, CISCO, Bangalore.

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School of Electrical Engineering

Department of Electronics and Communication Engineering

Organizing a
National Conference
on
"Signal Conditioning and Communication Engineering Systems 2024 (NCSCCES-24)"

In Association with

International Association for Science and Technical Education

Date: 21.11.2024 & 22.11.2024
Venue: ECE Conference Hall
Mode: Hybrid

GUIDLINES FOR PAPER SUBMISSION

All papers must follow submission guidelines and will be peer reviewed and evaluated based on originality, technical and research depth, correctness, relevance to conference contributions and readability. Acceptance of papers will be communicated to authors by email. The authors of the accepted paper will be allowed tp make correction in accordance with the suggestions of the reviewers.

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PAPER FORMAT

Papers submitted to NCSCCES 2024 should follow the standard IEEE manuscript template for conferences and it can be a minimum of three pages and a maximum of six pages.

IMPORTANT DATES

Full paper submission   :   11 . 11 . 2024
Acceptance notification   :   16 . 11 . 2024
Final Paper Submission   :   18 . 11 . 2024

Topics if Interest include but not limited to:

Futuristic Networks and Communication

- Nanoelectronics and microelectronics
- Power and Applied electronics
- Microprocessor and Microcontroller
- Very Large Scale Integration(VLSI)
- Micro scale fabrication
- Electrical Machines and Drive Systems
- Electric Vehicle Technologies
- Electrotechnologies
- High Voltage and Insulation Technologys
- Power Electronics and Drive Systems
- Power Quality and Electromagnetic Compatibility
- Power System Reliability and Security
- Power Systems Communication

Signal Processing and Computational intelligence

- VLSI Signal Processing
- Mobile and Cellular Communications
- Vehicular Communication Networks
- Antennas, RF and Microwave Communications
- Optical Communication
- MIMO and Space Time Communications
- Cognitive Radio and Cognitive Networks
- Satellite Communication
- OFDM and CDMA Communication Receivers
- Bio Signal Processing
- Audio / Speech Processing and Coding
- Statistical Signal Processing
- Signal Processing for Communications
- Digital Signal Processing
- Signal Processing for Security

Intelligent Systems and Robotics

- Robotic structure and design
- Robotic sensing and perception
- Intelligent decision making
- Intelligent manufacturing
- Industrial automation and robotics
- Agricultural automation and robotics
- Service and medical robotics
- Multimodal fusion
- Robotic manipulation
- Human-robot interaction and cooperation
- MEMS (Microelectromechanical systems)
- Supply chain management and automation

JOURNAL / PAPER PUBLICATION

All registered and presented conference papers will be published in Conference proceeding with ISBN (978-93-341-4107-8) and the extended versions of the papers will be published in UGC/Scopus/SCI Listed journals with additional cost.

REGISTRATION DETAILS :

Industrial Experts/Academicians   : 1000

UG/PG Students & Research Scholars   : 750

MAIL ID FOR SENDING PAPER

conferences.ece@bharathuniv.ac.in

PAPER SUBMISSION PROCESS

Authors are invited to submit their paper on or before 11th November, 2024 through the registration link provided.

REGISTRATION LINK

https://forms.gle/vNW89hYMb1QqR5MA6

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For Further details, Contact:
Dr.S.Saravana,
Assistants Professor / Dept. of ECE
Bharath Institute of Higher Education and Research, Chennai.
Mobile: 9952947458
Mail Id: conferences.ece@bharathuniv.ac.in