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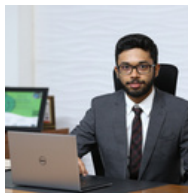
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RACE'23

TWO DAYS NATIONAL LEVEL CONFERENCE

ON

**RECENT ADVANCEMENTS IN
COMMUNICATION AND
ELECTRICAL TECHNOLOGIES**

29.03.2023 - 30.03.2023

Organised by

**Department of Electronics and Communication Engineering
&**

Department of Electrical and Electronics Engineering

**Sri Krishna College of Engineering and Technology,
Coimbatore, Tamilnadu**

About SKCET

Sri Krishna College of Engineering and Technology is the most sought after Institution among the premier technical Institutions in South India. With two decades of establishment in 1998, the Institution has marched towards the pinnacle of glory through its remarkable achievements in the field of Engineering Education. It is an autonomous Institution, accredited by NBA and has been offered 'A' Grade by NAAC for its academic excellence. It offers 11 UG programmes, 8 PG programmes, 1 integrated programme and 4 research programmes. The Institution offers an exciting academic environment with well qualified and dedicated faculty members to inspire and nurture the student fraternity. With Choice Based Credit System(CBCS) and industry drafted curriculum and syllabi, the Institution takes every effort to bring its students to the forefront of the society as skillful and responsible engineers.

About the Departments

Electronics and Communication Engineering

The Department of Electronics and Communication Engineering came into existence in the year 1998. The department offers UG programme (B.E.) in Electronics and Communication Engineering and PG programmes (M.E.) in Applied Electronics and Communication Systems with high class technical expertise to the students. The department is accredited by NAAC with "A" grade and also been reaccredited by NBA for three years of period from 2019 to 2023. The department has also been recognized as a Research Centre for carrying out Ph.D./M.S. (By Research) programme under Anna University, Chennai. Research Gazette is a periodical publication by the Department of Electronics and Communication Engineering which has a unique pinnacle for its goals, activities, achievements and research news. The blooming research program of the department leads as a bridge to the students to participate in various projects. The Department comprises of highly qualified and experienced faculty in various fields like Antenna, Communication, Embedded, Image Processing, Networks and Circuits, Signal Processing, VLSI etc., and has received funding worth Rs. 1 crore from various government and private agencies like AICTE, DST, TANSOST and IEEE. The Department conducts forums for researchers, academicians and industry people from all over the country to disseminate the new research finding and to explore innovative technologies for the benefit of the society. The Department pivots and anchors the current issues, advanced trends in the field of information, computing and communication systems.

Electrical and Electrical Engineering

The department of Electrical and Electronics Engineering was established in the year 2001. EEE largely focuses on emerging technologies like Big data analytics for Smart grid, IoT enabled electrical systems, Advanced automation, AI and ML based renewable energy systems, e-mobility and Energy management. The department offers one U.G. Degree Programme in Electrical and Electronics Engineering and one P.G. Degree Programme (M.E.) in Power Electronics and Drives. The Department is recognised as the Research Centre by Anna University, Chennai and has successfully produced 11 Ph.D. Scholars. The department has been equipped with state of art laboratory facilities with advanced equipments to fabricate products such as Energy App, Solar Kart, EKarts, and Drones. Students have showcased their talents in various competitions such as SIH, 5C, Brakes India Hackathon, Nasscom Hackathon and various e-mobility Competitions. The department has received funds from various funding agencies like AICTE, TANSOST and IEEE Students chapter for conducting STTP, STC, workshops and seminars. Technical Club, Energy Audit Cell, E-Kart club, Outreach activity club and Nizhal are the different clubs actively functioning to build the talents. Students are also encouraged to become a member in various professional bodies like IEEE and ISTE and to organize different events.

Thrust Areas

Original contributions are solicited on topics under broad areas such as (but not limited to)

- Embedded System & VLSI
- Signal /Image Processing
- Bio-Medical Engineering
- Opto-Electronics, Network Security
- Wireless & Mobile Communications
- MEMS/NEMS
- Satellite Communication
- Sensor/Ad Hoc Networks/Wi-Fi/ Wi Max
- MIMO & Antenna Design
- Artificial Intelligence
- RF and Microwave Applications
- Energy Storage Technology
- Distributed Generation and Power Quality
- Computational Intelligence for Sustainable Energy
- Microgrid and Smart Grid Integration
- Renewable Energy and Grid Integration
- Intelligent Controllers
- E-Mobility and Drone Technology
- Robotics, Control and Automation Systems
- Machine Learning and IoT

About Conference

The primary goal of RACE'23 is to promote the research activities in the filed of Electrical and Communication Technologies. This aims to provide the forum for researchers, academicians, Engineers throughout the nation to present their research findings, ideas and application in the areas of Electrical and Communication.

Manuscript Submission

Papers are invited from prospective authors in the topics of Electrical, Electronics and Communication domains. Papers submitted to the conference should be based on original, previously unpublished work, experimental or theoretical, and must not be under consideration for publication elsewhere. The papers submitted are original research contributions in IEEE format for the conference.

Call for paper details are available in the conference website <https://race2023@skcet.ac.in>

Important Dates

Paper Submission Due	: 15.02.2023
Date of Acceptance	: 18.02.2023
Registration Deadline	: 28.02.2023
Conference Dates	: 29.03.2023 & 30.03.2023

Publication

All submitted conference papers will be blind peer reviewed by three competent reviewers. The peer-reviewed conference selected papers will be submitted for inclusion to AIP Conference Proceedings. The length of the Manuscripts should be not more than 6 pages and less than 4 pages.

Registration Details

At least one author of the accepted paper must register on or before 28.02.2023, for further presentation and publication of their research work in the conference proceedings with ISBN number. A selection of the High-Quality papers presented at the conference will be considered for publication in SCOPUS Indexed Journal under author concern. For registration, use the below link.

Registration link:
<https://forms.gle/sDacZZj71JVPHqGP6>



Awards

A "BEST PAPER AWARD" will be given for different tracks of the registered and presented papers.

Venue



Contact Us

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