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Coimbatore



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HOD-ECE, SKCET

Convener

Dr. T. Joby Titus

Associate Professor, Department of ECE, SKCET

Coordinators

Dr. V. Nandalal

Professor, Department of ECE, SKCET

Dr. V.R. Balaji

Professor, Department of ECE, SKCET

Registration Fee

Students (UG & PG): Rs.250

Academic Staff, Research Scholars & Industrial

Delegates: Rs.300

The DD Should be drawn in favour of “**The Principal, Sri Krishna College of Engineering and Technology**” payable at Coimbatore. Completed application forms should reach the Coordinator through post/courier on or before 12.10.2023. Final list of participants will be intimated through e-mail by 15.10.2023

Address for Correspondence

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Associate Professor / Coordinator

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DRDO Sponsored Two Days Seminar on

Paradigm shift of 5G and Terahertz Antenna Design for Semantic Evolution in Embedded Systems

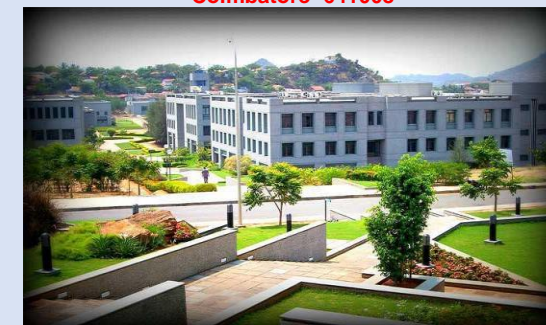
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Organized by



**Department of Electronics and Communication
Engineering
Sri Krishna College of Engineering
and Technology
(An Autonomous Institution)
Affiliated to Anna University, Chennai
Coimbatore- 641008**



**Date - 18th & 19th October 2023
Venue- Convention Centre, SKCET**

ABOUT THE INSTITUTION

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, 4 PG programmes, 1 integrated programme and 6 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.

DEPARTMENT PROFILE

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 programme (M.E.) in Applied Electronics with high class technical expertise to the students. The department is accredited by NAAC with "A" grade and also been reaccredited by NBA. 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.

SEMINAR SCOPE

The main purpose of this seminar is to provide an opportunity for Engineering Faculty from Academic Institutions, Engineers from Industries and Under Graduate / Post Graduate Students to get the exposure and interaction with the field experts, who are involved in the research and development activities in Terahertz Antenna Design. Eminent persons from Research Laboratory, Academic Institution will be handling the seminar. The seminar helps to learn the concepts of Monolithic Microwave Integrated Circuits in high frequency applications, the design perspective, Modern MMIC technologies in antenna designs. The session covers the design aspect of terahertz Antenna for future embedded devices, the development of wireless networks fostering the exploration of new spectrum as the Millimeter-wave (30 to 300 GHz) and Terahertz (0.1 to 10 THz) frequencies are considered as the front-runner enabling technologies for future wireless networks.

SEMINAR DETAILS

DAY-1(18.10.2023)

- SESSION 1** Introduction to Monolithic Integrated Circuits
- SESSION 2** MMIC Techniques for Terahertz Antenna
- SESSION 3** 5G System Architecture Challenges

- SESSION 4** Advances in 5G Antenna Designs and Systems

DAY-2(19.10.2023)

- SESSION 1** Features of Terahertz (THz) Wireless Systems
- SESSION 2** Terra Hertz Antenna for applications Semantic Embedded Systems
- SESSION 3** Nano Materials for Antenna Design
- SESSION 4** Opportunities and challenges of Nano Antenna for Terahertz Communications

RESOURCE PERSONS

The resource persons for this seminar will be drawn from research laboratory, various leading academic and industries related to the seminar theme.

SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY



DRDO sponsored

Two Days Seminar On

**Paradigm shift of 5G and Terahertz Antenna
Design for Semantic Embedded Systems**

18th & 19th October 2023

REGISTRATION FORM

Name:

Age: Gender:

Name of the College / Organization:

Department:

Designation:.....

Qualification:

Address for communication:

Mobile No/ Phone No :.....

Email:

Fee Details:

Demand Draft for Rs.....

DD Number.....

Name of the Bank

..... dated.....

(Signature of the applicant with date)


Sponsorship Certificate

Dr/Mr./Ms.....
is an employee of our Institution and is hereby
sponsored. He/She will be permitted to attend the
course if selected.

Place :

Date :

(Signature of sponsoring authority)