scms.sset ssetinsta +91 70347 80072

Department of Electronics & Communication Engineering

organizes

5-DAY ONLINE FDP

on

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING IN SIGNAL PROCESSING

March 11 - 15, 2024

SPEAKERS

Dr. N. Kasthuri
HoD, ECE
KEC, Erode

Dr. Kalaivaani P.T.
Prof., ECE
VCEW, Namakkal

Dr. Renu Jose
Assoc. Prof., ECE
GEC, Idukki

Dr. Arun Varghese
Assoc. Prof.,ECE
GEC, Wayanad

Dr. Rajeev Rajan
Assoc. Prof.,ECE
GEC Barton Hill, TVM

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SCMS SCHOOL OF ENGINEERING & TECHNOLOGY

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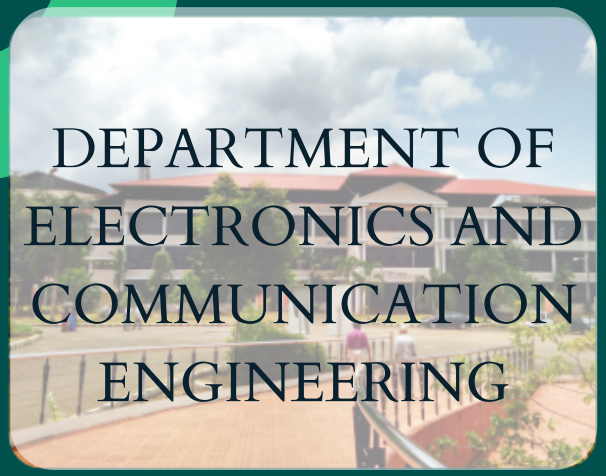

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ABOUT SSET

SCMS School of Engineering and Technology (SSET) is envisaged as a premier institution offering technology related education of exceptional quality to students by developing their total personality with due emphasis on ethical values and preparing them to meet the growing challenges of the industry and diverse societal needs of the institution. SSET, promoted by the SCMS Group of Educational Institutions, has been in the forefront of providing quality professional education in Engineering & Technology since 2001. SSET has been established with the state of the art facilities on a sprawling 29 acre campus at Karukutty in Ernakulam District. SSET is one among the first ten colleges to be set up in the state under the private self-financing sector. Right from the beginning SSET concentrated on providing quality education in a highly disciplined environment. This has paid rich dividends over the past years, as evidenced by the preference of students to join the College.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was established in the year 2001. The department offers 2 B.Tech Programmes: B.Tech Electronics & Communication Engineering, B.Tech Electronics Engineering (VLSI Design and Technology) and M.Tech Programme with specialization in VLSI & Embedded Systems.

The department has also been recognized as a research centre for Ph.D Programmes affiliated to APJ Abdul Kalam Technological University (KTU). Well experienced faculty members with expertise in the core areas of VLSI design, Wireless Communication and Signal Processing, Electronic Circuits and Embedded Systems work as a team to nurture students in a conducive academic and research environment. The department has very good infrastructure and laboratory facilities.

ABOUT THE FDP

The Department of Electronics and Communication Engineering at SSET is conducting 5 days Online FDP on "Artificial Intelligence & Machine Learning in Signal Processing".

The FDP aims to provide an insight into artificial intelligence and machine learning concepts, tools and its applications. Expert lectures will be delivered by eminent academicians. This FDP will be beneficial to faculty members and research scholars who intend to practice/begin research in the field of signal processing and analysis of data using advanced techniques.

SCMS School of Engineering & Technology

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Vision of the Department

To achieve academic excellence in Electronics and Communication Engineering and mould technically competent engineers by imparting quality education to the students while keeping in tune with the ever changing industrial demands and societal needs.

Mission of the Department

The department aspires to:

M1: Impart a solid foundation in the field of Electronics and Communication.

M2: Provide education with emphasis on the ethics, leadership and entrepreneurship necessary for students to become successful contributors to society.

M3: To create individuals who can continue to learn on their own to scale greater heights in their profession.

PROGRAM EDUCATIONAL OBJECTIVES

PEO1: Apply the fundamental concepts of mathematics, science and computing to Electronics and Communication Engineering so as to design and develop interdisciplinary and innovative systems.

PEO2: Communicate effectively and inculcate team work, ethics and leadership for a successful career in industry and R & D organizations.

PEO3: Be competent to use new technologies and attain professional excellence from lifelong learning through advanced research, publications and other professional activities.

ORGANIZING COMMITTEE

Dr. Deepak K. S.
HoD
ECE

Ms. Anandhi V.
Associate Professor
ECE

Ms. Retty George
Assistant Professor
ECE
9400675425

Ms. Mary Catherine
Assistant Professor
ECE
9744180678

REGISTRATION

Registration is free and digital certificate will be provided to active participants who fill and submit attendance and feedback forms. The number of participants is limited to 100. The confirmation of participation will be on first come first serve basis. Last date of registration: 08/03/2024.

RESOURCE PERSONS

11th March 2024
Dr. Renu Jose
Associate Professor, ECE
GEC, Idukki
"Fundamentals of AI & ML"

12th March 2024
Dr. Arun Varghese
Associate Professor, ECE
GEC, Wayanad
"Introduction to ML with TensorFlow"

13th March 2024
Dr. Kasturi N.
Professor, HOD, ECE
Kongu Engineering College, Erode
"ML for Bio-medical Applications"

14th March 2024
Dr. Kalaivaani P. T.
Associate Professor, HOD, ECE
Vivekananda College of Engineering for Women,
Namakkal
"Integration of AI-WSN"

15th March 2024
Dr. Rajeev Rajan
Associate Professor, ECE
GEC Barton Hill, Trivandrum
"ML in Audio Signal Processing"

5 DAYS FDP ON "ARTIFICIAL INTELLIGENCE & MACHINE LEARNING IN SIGNAL PROCESSING"

REGISTRATION FORM LINK:

http://tinyurl.com/2uunbfyc

Kindly use the above link or scan the QR Code to register for FDP