

BACKGROUND OF THE INSTITUTION

Kamaraj College of Engineering and Technology (KCET), Virudhunagar is a self-financing autonomous institution established in the year 1998 by a group of philanthropists at Virudhunagar in Tamil Nadu, named after the great leader and son of the soil, “Karmaveerar K. Kamarajar”. The Institute is accredited by National Assessment and Accreditation Council (NAAC), Bangalore with ‘A’ grade. KCET offers 9 UG Programmes and 7 PG programmes. Seven departments (ECE, CSE, PT, MECH, BT, IT & Mechatronics) are provisionally accredited by NBA, New Delhi. Seven departments (BT, PT, EEE, ECE, MECH, PHYSICS & CHEMISTRY) have been recognized as Research centers by Anna University, Chennai.

ABOUT THE DEPARTMENT

Vision “To make the Department of Electrical and Electronics Engineering of this Institution the unique of its kind in the field of Research and Development activities in this part of world”.

Mission

Department of Electrical and Electronics Engineering is committed to

1. Inculcate technical knowledge by providing well-balanced curriculum to the urban and unreachable rural student community through “Total Quality Education”
2. Induce leadership and entrepreneurial skills with high standard of ethics and moral values to the student community.
3. Impart innovative skills to the student community by effectively involving them in research activities.
4. Create a wholesome environment to promote effective interaction of students with the industry experts

KAMARAJ

COLLEGE OF ENGINEERING & TECHNOLOGY



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



Organizes

**DST-SERB SPONSORED TWO-DAY ONLINE FDP ON
“Design and Development of Machine Learning Model
for Remote Monitoring and Control of Hybrid Microgrid
in Educational Institutions**

using Smart Sensor Network and IoT”



11th & 12th January, 2022

Chief Patron

Thiru.T.J.Jeyakumar, Secretary, KCET

Patron

Dr. S. Senthil, Principal, KCET

Convener

Dr. D.Prince Winston, HoD/EEE

Co-ordinator

Dr. J. Jeslin Drusila Nesamalar, Asst. Prof/EEE

Join us at
Microsoft
Teams



❖ **REGISTRATION IS FREE!!!!**

❖ **Link: shorturl.at/gITW**

❖ **Visit www.kamarajengg.edu.in**

❖ **Session Timings: FN (09:30 am to 01:00 pm) & AN (02:00 pm to 03:30 pm)**

For more details: **9994271727 / 9952162133**

The Department of Electrical & Electronics Engineering was established in the year 2002. It offers UG programme in Electrical and Electronics Engineering and PG programme in Power Systems Engineering. The Department has Research Center approved by Anna University, Chennai and offers Ph.D. programme. The Department has obtained Permanent Affiliation from Anna University, Chennai for the UG program. The department has recently received funds worth 49 lakhs for Research projects, MODROBS, STTPs from funding agencies such as AICTE, DST, IE (India), TNSCST etc.



OBJECTIVE OF THE PROGRAM

The program focusses on imparting knowledge to participants in the area of IoT based smart sensor network and development of machine learning model

EXPECTED OUTCOME

At the end of this program, participants will be equipped with the skills to undergo research projects related to IoT operated sensor network and develop the Machine Learning Models for monitoring and control application.

TOPICS TO BE COVERED

- ✓ Development of Machine Learning Model
- ✓ Implementation of Demand Side Management in Institution
- ✓ Integration of IoT and Smart sensors
- ✓ Control of Hybrid & DC Microgrid
- ✓ How to write Research Proposals?

RESOURCE PERSONS

- ✓ Dr. J.Jeslin Drusila Nesamalar, Principal Investigator
- ✓ Mr. T. Aathinarayanan, Junior Research Fellow
- ✓ Industrial Experts from Quantanics Techserv Pvt. Ltd, Madurai

ELIGIBILITY (Who can attend?)

All teachers in areas of technical education in AICTE approved institutions and research scholars are eligible to participate.

IMPORTANT DATES

- Last date for registration: 5th January, 2022
- Intimation of Teams Link: 10th January, 2022