TARGET AUDIENCE

This five-day short-term course is deliberately designed for the faculty members of the AICTE approved institutions (Polytechnic Colleges and Engineering Colleges), Research Scholars, participants from Government Institutions, Industries (Bureaucrats /Technicians /Participants from Industry etc.) and staff of host institutions.

RESOURCE PERSONS

Faculty experts from premier academic institutions and invited experts from leading industries, research and development organizations.

PARTICIPATION CERTIFICATE

E-Certificate will be issued based on the attendance percentage, assignment score, feedback and active participation in the programme.

ADDRESS FOR CORRESPONDENCE

Dr. N. Karimilla Bi
Assistant Professor/Mathematics
Faculty Development Training Centre,
Government College of Technology,
Coimbatore - 641 013.
Email: ftc@gct.ac.in

OBJECTIVE

This Faculty development program aims to equip teachers, Research Scholars, & PG students with skill and technology awareness of Electric vehicle architecture and dynamics. It also helps in healthy collaboration between Industry experts and faculties to further enhance innovation in Electric Vehicle Research & Development.

COURSE OUTLINE

- Electric Vehicle Architecture & Integration
- Plug-in Hybrid Electric Vehicle
- Fast Charging Stations for EV
- Power Rectifiers, Choppers and Inverters for EV
- Battery Management Systems
- Advancements in Batteries & Battery Swapping Stations
- Advanced Electric Drives for EV
- Setting up an Electric Vehicle Lab for EV Development
- Electric Vehicle Design and Simulation
- Fuel Cell for EV
- Fuel Cell Characteristics
- Electric Vehicle Design and Analysis
- Recent trends in wireless charging schemes for EV

Tamil Nadu State Government Sponsored Five Day Online Faculty Development Programme
on
"Electric Vehicles"
20.02.2023 to 24.02.2023

Organised by

Faculty Development Training Centre
Government College of Technology
Coimbatore - 641 013
Tamil Nadu.
&
Department of Electrical & Electronics Engineering
Government College of Engineering
Salem – 636 011.
Tamil Nadu.

ABOUT GCT, COIMBATORE

Government College of Technology, Coimbatore formerly known as the Arthur Hope College of Technology, was started in July 1945 to give high priority to Technical Education. The institute was renamed as Government College of Technology and affiliated to University of Madras in 1951. The institute offers nine UG and eleven PG programmes with recognized research supervisors to pursue M.S. (by Research) and Ph.D. programmes. The institute was granted full autonomy for all the UG and PG courses from the academic year 1987-88. Each department has well qualified faculty members and excellent infrastructural facilities. The institute received TEQIP funds in Phase I, II and III of MHRD project. The institute is accredited byNAAC with 'A' grade.

ABOUT THE FACULTY DEVELOPMENT TRAINING CENTRE

The Faculty Development Training Centre was established in the year 2019 to provide technical trainings to Engineering and Polytechnic college faculty members by Tamil Nadu State Government. It is equipped with sophisticated smart class rooms and tutorial rooms. It provides boarding and lodging facilities to resource persons and participants during the training programme. The programmes are organized to enhance the teaching skills of the faculty members.

ABOUT GCE, SALEM

Government College of Engineering, Salem – 11 was started in the year 1966 and is located in a beautiful site on NH 44, Salem-Bangalore Highway. The Institution is accredited by NAAC. This institution offers six B.E programmes namely Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Computer Science & Engineering and Metallurgy Engineering. In addition, six M.E Programmes, including Power Electronics and Drives are offered. All the departments in GCE,Salem have been granted recognition for Ph.D programme by Anna University.

Our Institution is one of the five technical institutions in Tamil Nadu selected for World Bank financial assistance under Technical Education Quality Improvement Programme (TEQIP). Our Institution is a QIP centre of AICTE for doing research leading to Ph.D in Civil Engineering, Mechanical Engineering and Electrical Engineering branches.

ORGANIZING COMMITTEE

Patron
Dr.K.Manonmani
Principal, GCT, Coimbatore

HOD / FDTC
Dr. T.Purusothaman
Professor / FDTC
GCT, Coimbatore

Convener
Dr.R.Malayalamurthi
Principal, GCE, Salem

Dr. V.Geetha
Professor & HoD / EEE
GCE, Salem

Coordinators
Dr.S.Senthil Kumar
Professor (CAS) / EEE
GCE, Salem

Dr.K.Logavani
Assistant Professor / EEE
GCE, Salem

IMPORTANT DATES:

Last Date for Registration	:	17.02.2023
Intimation of Selection	:	18.02.2023
Confirmation of Participants	:	19.02.2023

Tamil Nadu State Government Sponsored Five Day Online Faculty Development Programme
on
"Electric Vehicles"
20.02.2023 to 24.02.2023

Registration Link:
https://forms.gle/8RQU5HUS3qF2YFZS7

QR Code:

REGISTRATION

- No Registration Fee.
- Faculty members from AICTE approved institutions (Polytechnic Colleges and Engineering Colleges) are invited to participate in this Programme.
- Participants will be selected on first-come first-served basis.
- Selected candidates will be intimated by E-mail