

**KTU -Faculty Development Program
on E Mobility**

26th June - 1st July 2019

REGISTRATION FORM

Name :
Gender :
D.O.B & Age :
Designation:
Institution :
Qualification :
Experience in Years :
Address for Communication. :

Mobile No :
E-mail ID:
Preferred Cuisine : Veg./Non-Veg
Accommodation Required(Payment Basis): Yes/No

Sponsorship Certificate

Mr/Mrs./
Dr _____
is an employee of our Institute/College and is hereby sponsored for attending the KTU-faculty development program on "E-Mobility" from 26th June to 2nd July 2019 at SCT College of Engineering Trivandrum. He/ She will be permitted to attend the course if selected.

Place: _____ Signature of
Date: _____ the sponsoring authority with seal

Patrons:

Sri. K. R. Jyothilal IAS, Principal Secretary
(Transport) Govt. of Kerala
Prof(Dr.) K. Prabhakaran Nair, Principal,
SCTCE

Coordinators:

Dr. Boby Philip,
Associate Professor in Electrical & Electronics
Engg.
Dr. Anilkumar S. H.,
Professor in Mechanical Engg.

Contact details:

Mobile Numbers: 9447340870/
9495741482
Email: boby@sctce.ac.in
College website: <https://www.sctce.ac.in/>

Important dates:

Last date for registration: **21st June 2019**
Confirmation by selected participants: **24th
June 2019**

College Location (Plus code for Google Map):
FXCH+6Q Thiruvananthapuram, Kerala



APJ Abdul Kalam Technological
University (*Kerala Technological
University*)
sponsored

Interdisciplinary
**Faculty Development Program
on
E- Mobility**

26th June to 1st July 2019

Organised by
Department of Mechanical Engg. &
Division of Electrical Engg.

SCT College of Engineering,
Pappanamcode, Thiruvananthapuram
695018



About the course:

United Nations' Environment Program(UNEP) estimates that each year 2-4 million premature deaths occur due to outdoor pollution. Road transport which extensively uses fossil fuels, is a major contributor to local air pollution and smog.

World energy council in its 2017 report says that transport systems have significant impact on environment and account for 20 to 25% world energy consumption and carbon dioxide emission. Quest for low carbon systems and cleaner have pushed the transportation electrification to greater levels.

E-mobility or Electric – Mobility refers to transportation electrification and allied technological transformations and amalgamations.

Course Objective:

The course is designed to impart training to engineering college faculty on different aspects of E-mobility. The course intends to make faculty aware of major advancements and possibilities of transportation electrification such that they can motivate students to find environmentally safe and economically viable transportation solutions suiting Indian conditions.

Areas covered:

- Transformation from IC engine driven vehicles to hybrid and electric vehicles
- Power Electronics and Drives for E-Mobility
- Battery management systems of E Vehicles.
- Charging Infrastructure for E-vehicles
- Electric, Hybrid Electric and Plug-in Hybrid Electric Vehicle System Architectures
- Modelling Simulation and Control of EVs
- Connected Cars

Resource Persons:

Experts/ researchers from industries/CDAC-Trivandrum /ANERT and engineering college faculty will engage classes.

About the organising institution:

Sree Chitra Thirunal College of Engineering was established in 1995 under Department of Transport Government of Kerala with it being the first college in south India to offer a BTech program in Automobile Engineering. It also became one of the seven colleges in Kerala State to have come under the first phase of Technical Education Quality Improvement Program(TEQIP) of Government of India.

The college has the distinction of being one of the few colleges in Kerala to get accredited in early 2000's. Currently, four BTech programs are NBA accredited. The college has conducted training in Automobile Engineering to persons from Industry. At present Mahindra Pride School in collaboration with Mechanical Engineering Department conducts skill development courses in the college campus. TATA ELXSI had in 2016 chosen this institution from a group institutions from entire India for imparting training(State of the art Automobile Technologies) within the college campus for enabling new graduates to join the job as full fledged engineers on completion of their studies.

This Kerala Technological University sponsored faculty development program is being organised jointly by Division of Electrical Engg. and Department of Mechanical Engineering of SCT College of Engineering.

How to apply:

Advance registration for the course can be done through the link:

<http://bit.do/eTKko>

The hard copy registration application form in given format along with sponsorship certificate should be produced when the selected participants come for attending the program. Scanned copies of the above documents should also be submitted to the contact e-mail address indicated while applying for the course online.

Who can apply:

This being an interdisciplinary course, faculty from AICTE approved Engineering Colleges from all disciplines can apply. Number of participants is limited to 30.

Registration fee:

Registration is free for faculty from KTU affiliated engineering colleges. Others will have to pay a fee of Rs500.