NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI.

The National Institute of Technology (formerly known as Regional Engineering College) Tiruchirappalli, situated in the heart of Tamil Nadu on the banks of river Cauvery, was started as a joint and co-operative venture of the Government of India and the Government of Tamil Nadu in 1964 with a view to catering the needs of man-power in technology for the country. The college has been conferred with autonomy in financial and administrative matters to achieve rapid development. Because of this rich experience, this institution was granted Deemed University Status with the approval of the UGC/AICTE and Govt. of India in 2003 and renamed as National Institute of Technology.

NIT-T was registered under Societies Registration Act XXVII of 1975. National Institute of Technology Trichy is one of the 31 National Institutes of Technology established by the Government of India. The institution offers Under Graduate Courses in ten branches and Post Graduate Courses in twenty-one disciplines of Science, Engineering & Technology besides M.S. (by Research) and Ph.D. in all the departments. About 6200 students are enrolled in the institute and around 220 faculty members are employed in regular positions. NIT-T is ranked top among 31 NITs in India and is presently occupying 10th position in NIRF ranking, MHRD India. The Institute aims at benchmarking with global universities who are in the top 200 in world rankings in terms of teaching, innovation and research, funding and internationalisation.

AICTE – TEACHING AND LEARNING ACADEMY

AICTE - All India Council for Technical Education was established in 1945 by Government of India. The organization was set up as an Apex Advisory Body to conduct survey on facilities on technical education and to promote and develop technical education in the country. National policy of Education (1986) defines AICTE as the statutory authority for planning, formulation and maintenance of norms and standards, quality assurance through accreditation, funding in priority areas, monitoring and evaluation, maintaining parity of certification and awards, and ensuring coordinated and integrated development and management of technical education in the country.

The AICTE – Teaching and Learning Academy aims to plan and help in imparting quality technical education in the country and to support technical institutions in fostering research, innovation and entrepreneurship through training in various emerging areas. This academy aims at inculcating the drive for research and knowledge enhancement among the faculty members of various institutions, research scholars, PG scholars, and Industry personnel and hence the participants are expected to be from the above categories including participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.) and staff of host institutions.

Faculty Development Programme
on
“Electric Vehicles”
07TH – 11TH June, 2021

Organized by

Department of Electrical and Electronics Engineering,
National Institute of Technology, Tiruchirappalli

Under the aegis of

AICTE Teaching and Learning Academy

VENUE

Online platform
EEE Department,
National Institute of Technology,
Tiruchirappalli – 620015.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING - NITT

The Department of Electrical and Electronics Engineering, NIT, Tiruchirappalli was started in the year 1964. It offers one Under-Graduate programme(B.Tech.), two Post-Graduate programmes(M.Tech. in Power Systems and Power Electronics) and also research programmes (M.S. and Ph.D.) in the various fields of Electrical and Electronics Engineering. After the institute became NIT, the department has grown not only in terms of student and faculty strength, but also in improving the laboratory facilities for the teaching and research purposes. Thus, the department has dedicated and state of the art teaching / research laboratories. The department is recognized for excellence in research (First Department in NIT-T to be accorded QIP status for Ph.D. programme), teaching and service to the profession. The faculty members have strong sense of responsibility to provide the finest possible education for both graduate and undergraduate students. The academic strength of the faculty is reflected by the alumni, many of whom are in the top echelons of industry and academia both in India and abroad.

SCOPE OF THE WORKSHOP

The objective of the workshop is to give an insight into the nuances of the Electric Vehicles including the storage technologies, energy management schemes and their impact on charging upon the utility grid in India. The workshop also focusses on the recent developments in Electric Vehicles and related control circuitry.

MAIN THEMES OF THE WORKSHOP

The workshop is articulated to cover the following main themes:

- **Basic knowledge on Electric Vehicles**
- **Storage Technologies used in Electric Vehicles**
- **Energy Management in Electric Vehicle Topologies**
- **Impact of Electric Vehicles on Grid Quality**

The resource persons are arranged from reputed institutions like NITs and IITs as well as from industries with rich practical experience.

REGISTRATION

The interested applicants are directed to refer to the following website for registration
https://www.aicte-india.org/atal

CO-ORDINATORS

Dr. M. VenkataKirthiga, Associate Professor/EEE
Dr. P. Raja, Associate Professor/EEE
Dr. S. Mageshwari, Assistant Professor/EEE

Faculty Development Programme on "Electric Vehicles"

07TH – 11TH June, 2021

REGISTRATION FORM

1. Name(In block letters) :

   …….....

2. Designation:…….

3. Organization:..……

4. Address for Communication:

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5. Mobile:……....Land Line:…….....

6. E-mail id :……

Registration category(Tick the boxes as per your category). Delegate from

- ☐ **Academia**
- ☐ **PG/Research Scholar**
- ☐ **Industry**

COMMUNICATION

Any clarifications may be emailed to the following id: **aicteatalev@gmail.com**