

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 – MARGDHARSHAN SCHEME

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.

Margdharshan Scheme mainly aims at Mentoring to institutes by a well performing Institute. The Hub 'n Spoke system is to be established by an Institute of repute as a Mentor within an existing facility to serve as the hub to guide and disperse knowledge to ten technical institutions to encourage best practices. The secondary branches, the spokes, are additional services provided to faculty for self-improvement. Eventually, the Hub 'n Spoke system will allow for inter-hamlet information sharing, such as technical education, research and sharing of resources to the entire system. Through this scheme an Institute of repute as a Mentor within an existing facility to serve as the hub to guide and disperse knowledge to and between around ten technical institutions as spokes. The durations of the project is for 3 years. The National Institute of Technology Tiruchirappalli is one such Mentor Institute of repute.

Five day Faculty Development Programme on “Perspectives of Teaching Power Systems”

17th – 21st May, 2021



Organized by

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

Under the aegis of



AICTE Margdarshan Scheme

**VENUE – Online Mode
Department of Electrical and Electronics
Engineering,
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 different perspectives of teaching the basic topics of Power Systems. It is structured such that the participants would get the utter need for a proper sequence of topics to be taught when offering courses on Power Systems such as Transmission and Distribution, Power System Analysis, Power System Protection and Switch Gear and Power System Operation and Control. The workshop would also highlight on the ICT applicable to teaching learning process involved in Power Systems Engineering.

MAIN THEMES OF THE WORKSHOP

The workshop is articulated to cover the following main themes:

Effective Teaching of

- **Transmission and Distribution of Electrical Energy**
- **Power System Analysis**
- **Power System Protection and Switch Gear**
- **Power System Operation and Control**

MODE OF DELIVERY AND REGISTRATION

- The registration fee is waived for participants from mentee institutions.
- Registration fee for participants from other institutes is Rs. 800/- (including 18% GST).
- The lectures will be delivered through Webex and the link will be sent to the registered participants through email.

MODE OF PAYMENT

The participants are requested to transfer the registration fee through i-collect to the following account:

Name of the a/c: DIRECTOR, NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI-15

Account No 10023883064

IFSC Code : SBIN0001617

MICR Code 620002009

Branch Code 01617

Type of A/c : Savings

Bank : State Bank of India

Branch : NIT Tiruchirappalli

CO-ORDINATORS

Dr. M. P. Selvan, Associate Professor/EEE

Dr. M. VenkataKirthiga, Associate Professor/EEE

Dr. P. Raja, Associate Professor/EEE

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on

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REGISTRATION FORM

1. Name (in block letters) :

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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

☐ Mentee Institution

☐ Other than Mentee Institution

Enclose Payment Details:

☐ Deposit slip for online payment

Dt......

for Rs......

COMMUNICATION

The participants are requested to fill the google form in the link :

https://docs.google.com/forms/d/e/1FAIpQLSdqKXnj0yeK7fpx_1dQ7nhkcdV7lmwkgMp7zxCHmHNqzvF70Q/viewform

For any further communications and to send the completed applications, please mail to the following email id on or before 13.05.2021

mail2powersys@gmail.com