

## **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 10<sup>th</sup> 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 duration 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”  
17<sup>th</sup> – 21<sup>st</sup> 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 Operation and Control**
- **Power System Protection and Switch Gear**

#### 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

1. Go to the SBI-collect using the link <https://www.onlinesbi.com/sbicollect/icollecthome.htm>
2. Select the state as 'Tamil Nadu', and Type of Institution as 'Educational Institutions'.
3. Select Educational Institutions Name as 'Conference and Workshop NIT Trichy'. Select payment category as "AICTE-FDP-PTPS-2021".
4. Make payment through UPI/ Net Banking/ Credit card/ NEFT.
5. Once the fee is paid, fill up your details and upload the payment receipt in the workshop registration form

#### CO-ORDINATORS

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

For any queries:

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Dr. P. Raja 9942680653

### Five day Faculty Development Programme on

### "Perspectives of Teaching Power Systems"

17<sup>th</sup> – 21<sup>st</sup> May, 2021

#### 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 completed applications are to be sent to the following email id on or before 19.05.2021  
[mail2powersys@gmail.com](mailto:mail2powersys@gmail.com)

Alternatively, the participants may use the google form in the below link for registration:

[https://docs.google.com/forms/d/e/1FAIpQLSdqKXnj0yeK7fpx\\_1dQ7nhkcdV7lmwkgMp7zxCHmHNqzvF70Q/viewform](https://docs.google.com/forms/d/e/1FAIpQLSdqKXnj0yeK7fpx_1dQ7nhkcdV7lmwkgMp7zxCHmHNqzvF70Q/viewform)