

About NIT Trichy

The National Institute of Technology Tiruchirappalli (NIT-T), formerly known as Regional Engineering College, Tiruchirappalli (REC-T) is one of the technical institutes started by the Government of India. REC-T was imparting quality education since its inception. In 2003, the institute has been granted “Deemed to be University” status with the approval of UGC/ AICTE. The college has been conferred with autonomy in financial and administrative matters to achieve rapid development. NIT-T was registered under Societies Registration Act XXVII of 1975. The College has a total campus area of 800 acres. With the cream of engineering and management talent, encompassing exuberant students and inspiring faculty, integrated with state-of-the-art infrastructure facilities, NIT-T today has emerged as one of the premier institutions in the country.

Coordinators

- Dr. Josephine. R. L, EEE, NITT
- Dr. S. Moorthi, EEE, NITT

About EEE department

The department of Electrical and Electronics Engineering, National Institute of Technology Tiruchirappalli offers an undergraduate program, post-graduate programs (Power Systems and Power Electronics) and research degrees (M.S and Ph.D.) in various fields of Electrical Engineering. The department is recognized for excellence in teaching, research, and service to the profession. The department has very well-established laboratories with sophisticated equipment supplementing the academic and research needs of students and research scholars.

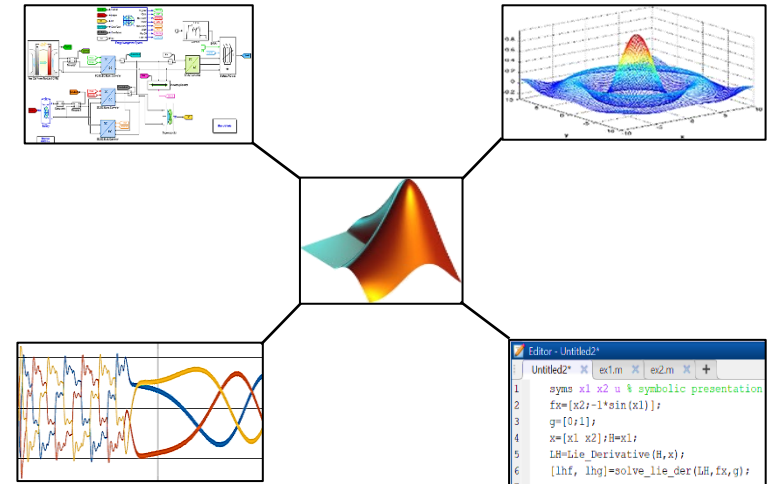
Resource persons

Faculty from National Institute of Technology Tiruchirappalli and simulation experts in the domain will be handling the sessions.

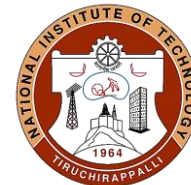
Course Timings

The classes will be conducted from 5.30 PM to 7.30 PM on all seven-days of the short-term course.

One Week Short-Term Course on Modelling and Simulation Tools in Power Electronics (Phase-1) 14th -20th July, 2021 (Online Mode)



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



Pre-requisites

The participants should have installed MATLAB 2016a/ higher versions with Simulink and Simscape tools in their PC/laptops.

Course Contents

- Rectifiers
- Choppers
- Multilevel/Grid connected Inverters
- AC to AC converters
- Solar PV Integration with converters
- MPPT methods
- Wind energy conversion systems
- PWM Methods/ PI controller and tuning
- Non-linear control in PE systems

Contact information

For any further queries and clarifications, mail to nittee.workshop@gmail.com.

Important Dates and Instructions

- Only limited participants are allowed for online short-term course.
- Participants who enroll for the short-term course should register through online google form given below.
- <https://forms.gle/FmEGRj528yr5KsaH7>
- First round of acceptance for the shortlisted participants will be intimated by 15.06.2021.
- Second round of acceptance for the shortlisted candidates will be intimated on 30.06.2021.

Start date of registration	01.06.2021
Last date of payment for first round of shortlisted participants	20.06.2021
Last date of payment for second round of shortlisted participants	10.07.2021

***Registration fee to be paid by using SBI-collect only.** The payment for the registration includes GST and other taxes.

Payment procedure

1. Go to the SBI-collect using the link <https://www.onlinesbi.com/sbicollect/icollecthome.htm>
2. Select the state as ‘**TamilNadu**’, and category as ‘**Educational Institutions**’.
3. Select “**conference and workshop NIT Trichy**”.
4. Select payment category as “**MSTPE-I**”.
5. Make payment through **UPI/ Net Banking/ Credit card/ NEFT**.
6. Once the fees is paid, fill up your details and upload the payment receipt in – <https://forms.gle/zkLZqWHgXiHYiu4J6>

Upon successful completion of short-term course, e-certificate will be given to the participants.

Registration Fee

The registration fee includes GST and other taxes also.

Category	Amount to be paid (INR)
UG/PG students	Rs. 600/-
Research scholars	Rs. 1,000/-
Faculty	Rs. 1,500/-
R&D/Industry personnel	Rs. 5,000/-