

Resource Persons

Practising experts in the relevant areas of STTP from reputed institutions, relevant industries and R&D organisations.

Who can attend?

The faculty members, Ph.D. scholars, PG students and working professionals from various technical institutes/organisations/industries.

Organising Committee

Chief Patron

Prof. (Dr). K. Sankaranarayanan, Director
National Institute of Technology Puducherry, Karaikal

Patron

Dr. G Aghila, Registrar (i/c)
National Institute of Technology Puducherry, Karaikal

Conveners

Dr. A.Venkadesan
Assistant Professor and Head, Dept. of EEE

Dr. M.M. Rajan Singaravel
Assistant Professor, Dept. of EEE

Coordinators

Dr. S. Thangavel, Associate Professor/EEE

Dr. T.Vinopraba, Assistant Professor/EEE

Dr. G.Koperundevi, Assistant Professor/EEE

Dr. K.Navin Sam, Assistant Professor/EEE



About the STTP

Footprints of power electronics play a crucial role in management of conventional energy systems as well as smart/renewable energy systems such as solar, wind, fuel cell etc. Power electronics holds a major task for power extraction from the sources, transfer of power and its management among the load. The STTP will give lucid ideas and widespread knowledge on the role of power electronics devices such as converters, inverters and other equipment with their working on building smart energy systems and their futuristic scope. Experts speakers with their rational research experience in power electronics fields will incite the participants towards recent research and developments in smart energy systems.



IEEE

STB35743 STUDENT BRANCH-NITPY



Five Days Short Term Training Programme on

Applications of Power Electronics in Smart Energy Systems (Virtual Mode)

30th August-2021 to 03rd September-2021

Organised by

Department of Electrical and Electronics Engineering

National Institute of Technology Puducherry

(An Institute of National Importance under Ministry of Education, Govt. of India)

Karaikal-609609

in association with

IEEE Student Branch - NITPY



Content of STTP

Content of STTP are enlisted below but **not limited to**:

- ✓ Hybrid Wind PV Distributed Generators
- ✓ Optimal Reactive Power control in Wind energy conversion systems
- ✓ Control Schemes in Power Converters
- ✓ Application of Neural Network in Renewable energy system
- ✓ Energy management in smart cities
- ✓ Condition monitoring of Power apparatus in smart energy system

About NIT Puducherry

National Institute of Technology Puducherry, Karaikal (NITPY), is an autonomous public engineering institute nestled in the scenes of Karaikal, a coastal enclave in the basin of river Kaveri in Puducherry. It is one among the 31 National Institutes of Technology of India and is declared as an Institute of National Importance by Govt. of India under NIT Act, 2007. The institute was established in 2010, starting its intake in the academic year 2010-11. The institution is at a constant attempt of making endeavours to scale new heights by developing a synergy between studies, research, consulting/training activities, and placements. The institute is ranked at 130, under the category of "India Rankings 2020 - Engineering" of the 2020 NIRF rankings, released by the MHRD, Govt. of India.

About the Department

The Department of Electrical and Electronics Engineering was established during the inception of the Institute in the year 2010. It offers B.Tech. Degree in Electrical and Electronics Engineering, M.Tech. Degree program in Power Electronics and Ph.D. degree program in various fields of Electrical and Electronics Engineering. The programs have structured curriculum and syllabus and are being revised time to time in order to keep abreast with the latest developments and emerging technologies. The department has state of art laboratories with latest equipment. The faculty members are with different specializations. The research activity of the department includes both fundamental research and sponsored projects. CPRI and DST sponsored projects are in progress.

Registration Process

The interested candidates are required to pay a registration fee of Rs.500/- only through **online mode**, to the below mentioned account*. Upon paying the registration fee, the participants need to register themselves by filling the google form, which can be accessed using the link or QR code given below. On completion of the STTP, **e-certificate** will be sent to the participants.

Payment account Details*


Account Name : NITPYworkshop/conference
Account Number : 37854338444
IFSC Code : SBIN0070848
Bank Name & Branch : SBI, NITPY Karaikal Branch-Thiruvettakudy, Karaikal

(While making online payment, participants are further requested to mention their name in payment remark to enable us to trace your payment in the bank statement. Also, kindly note to add the applicable bank charges, if any, for online payment.)


Note: Cheque/ DD/ Cash payments are *not accepted*.

For any queries feel free to contact:

S.Senthamizh Selvan- Research Scholar, EEE-NITPY

Ph: +91 **948985 0667** 

S.Sankar -Research Scholar, EEE-NITPY

Ph: +91 **638127 3617** 

Enquiry Mail id. : sttpeenitpy@gmail.com

Google Form Link & QR code for registration

<https://forms.gle/c8nBHUBs3F67XTh66>

Last date for registration: 23-08-2021 (Friday)



Reg-QR Code