

Venue:

### POWER SYSTEMS TRAINING INSTITUTE

Subramanyapura Road, Banashankari 2nd Stage  
Near Yarab Nagar Bus Stand, Bangalore-560 070.

Contact us:

### NATIONAL POWER TRAINING INSTITUTE POWER SYSTEMS TRAINING INSTITUTE

Subramanyapura Road, Banashankari 2nd Stage  
Near Yarab Nagar Bus Stand, Bangalore-560 070  
By mail: pstinpti@yahoo.com, pstinpti.training@gmail.com  
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#### Contact Persons :

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Shri. S. Ravi Kumar, AD (M): 95902 82978

### REGISTRATION FORM FOR SWITCHGEAR

Kindly register the following delegates for the 3- days course on "Switchgear Protection" being conducted by PSTI/NPTI, Bengaluru from 8th to 10th March, 2018

Name (s) & Designation	
Complete Address	
Postal of the Organisation	
Phone & Fax Nos.	
Mobile Nos.	
Email	
Details of fee paid	
Cancellation/Refund Policy	Cancellations received within the registration window will be fully refunded minus administrative charges. Substitutions can be made any time.

### Expert Committee

Prof. (Dr.) Rajendra Kumar Pandey,  
Director General, NPTI  
Shri H.B. Mukund, Consultant  
Shri Ravi Lepakshi, Rtd. GM, KPTCL

### Conveners

Shri.Pamu Srinivasa, Deputy Director, PSTI, NPTI  
Shri S. Ravi Kumar, Assistant Director, NPTI, PSTI

### Organising Committee

Shri. Allam Sreenivasulu, Deputy Director, PSTI, NPTI  
Shri.S.D. Patil, Deputy Director, PSTI, NPTI  
Shri B. Venkatasubbaiah, Deputy Director, PSTI, NPTI  
Mrs. Piyali Sarkar, Assistant Director, PSTI, NPTI  
Shri.K.Vetrivel, Assistant Director, PSTI, NPTI  
Shri. V.Suresh Babu, Assistant Director, PSTI, NPTI

Please address all correspondence to:

### The Head of Institute

### National Power Training Institute

Post Box No.6201, Banashankari II Stage  
Yarab Nagar, Subramanyapura Road  
Bangalore 560 070

Please visit [www.nptibangalore.in](http://www.nptibangalore.in)  
[pstinpti@yahoo.com](mailto:pstinpti@yahoo.com); [pstinpti.training@gmail.com](mailto:pstinpti.training@gmail.com)



## Three Day National Workshop on SWITCHGEAR

8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> March, 2018



at  
**NPTI - PSTI**  
Bangalore



Organised By:

### NATIONAL POWER TRAINING INSTITUTE

An ISO : 2016 & 14001:2015 Organization  
(Ministry of Power, Govt of India)

Power Systems Training Institute, Bangalore  
Post Box No. 8201, Subramanyapura Road,  
Banashankari II Stage, Bangalore - 560 070.

E-mail ID: [pstinpti@yahoo.com](mailto:pstinpti@yahoo.com)  
[pstinpti.training@gmail.com](mailto:pstinpti.training@gmail.com)



## ABOUT NPTI



National Power Training Institute (NPTI) an ISO 9001 & ISO 14001 organization under Ministry of Power, Govt. of India, is a National Apex body for Training and HRD in Power Sector with its Corporate office at Faridabad. NPTI is a leading Integrated Power Training Institute at New Delhi, Nangal, Bengaluru, Neyveli, Durgapur, Guwahati and Nagpur. NPTI has more than 50 years of professional expertise in the field of training and HRD in Power Sector.

### About the Workshop

THE PRESENT INSTALLED CAPACITY OF POWER PLANTS & NRE in our country is more than 3,34,399 Mw (as on 31-01-2018). Power Development plays a vital role in a country's economic growth and development and is accountable for standard of living index.

In an electric power System, switchgear or electrical switchgear is a generic term that includes all the switching devices associated with mainly power System protection. It also includes all devices associated with control, metering and regulating of electrical Power System. Assembly of such devices in a logical combination form Switchgear. In simple terms an apparatus used for switching, controlling and protecting the electrical circuits and equipment is known as switchgear. Also is the combination of electrical disconnect switches, fuses or circuit breakers used to control, protect and isolate electrical circuits to clear faults downstreams. This plays an important role and directly linked to the reliability of the electricity Supply. Switchgear protection plays a vital role in modern power system network, right from generated power transmitted over transmission lines to the distribution end.

The current interruption device or switching device is called circuit breaker in Switchgear protection System.

The workshop would give an opportunity to the participants to deliberate upon the various issues associated with Switchgear and Circuit Breakers.

### OBJECTIVES

The proposed National programme would deliberate how Switchgear forms an integrated part in the fault Clearance in Power Systems.

Aim for catalyzing speedy development of Switchgear standards & Swtichgear protection.

Have a insight of circuit breaking in circuit breakers. Familiarize in the schematics of Circuits Breakers and electrical testing of circuit breakers.

### SPEAKERS

Eminent Experts from Swtichgear Industry will be addressing the participants. The program will be conducted in an interactive environment providing greater scope for discussion. Emphasis will be on highly participative style of learning.

#### WHO SHOULD PARTICIPATE

Engineers, Supervisors, Faculty of Pvt. and Govt. Institutions, Power Corporations and Utilities, Technical Educational Institution may participate in the program. No TA & DA of the participants will be provided.

### PARTICIPATION BENEFITS

A critical evaluation on upcoming challenges with innovative idea is highlighted to achieve a roadmap of Power Sector Utilities infrastructure.

Non Residential fee + visit to Mysore: Rs.10,000/- (inclusive of GST) per delegate

Residential fee + visit to Mysore : Rs.12,000/- (inclusive of GST) per delegate

Fee should be paid by demand draft/ECS drawn in favour of "Power Systems Training Institute" payable at Bengaluru.

### Bank Details for E-Payment

Name of the Beneficiary	: Power Systems Training Institute, Bangalore
Name of the Bank & Branch	: State Bank of India, Banashankari II Stage
Address of the Branch	: 9 <sup>th</sup> Main Road, Banashankari-II Stage, Bangalore: 560070
NEFT IFSC Code	: SBIN0006767
Account Type	: Current
Account No.	: 10031210203
MICR No.	: 560002008
RTGS IFSC Code	: SBIN0006767
GSTN:	: 29AAALN0083C17B
Pan No.:	: AAALL0083c
Tan No:	: BLRP00338C
SAC (Service Accounting Code)	: Commercial Training 999293

### Duration of the Program: 8th to 10th March, 2018

#### DAY 1 :

- Classification, Types & Range of Circuit Breakers
- Switchgear Standards

#### DAY 2:

- Design construction and Selection of Switchgear
- Schematic Circuit Breakers
- Testing of Circuit Breakers

#### DAY 3:

Technical Visit to Mysore (130 kms from Bengaluru) with added attraction of visit to the World famous Mysore Palace, Chanmudi Hill and Brindavan Gardens.

