



Telefax: 080-26713758

NATIONAL POWER TRAINING INSTITUTE
Power Systems Training Institute
 (An ISO 9000:2000 & ISO 14001 Organization)
Ministry of Power, Govt. of India
 BANGALORE-560 070

Website: www.psti.kar.nic.in



email: pstinpti@yahoo.com

No.PSTI/NPTI/Trg./2016-17/

Date: 09.09.2016

Dear Sir / Madam,

Sub:- Individual Skill development programs– Reg.

1.0 The Power Systems Training Institute (PSTI) is interested to organize the following skill development programs for the benefit of the Engineering students/ faculty / working professionals etc. Each program is for a duration of three days and being organized with senior level faculty on cost plus basis. **The individuals may participate in the programs by paying Rs 345/- per program per person towards incidentals.**

Sl.No.	Short term skill development program	Contact person
1.	Power scenario and the job opportunities in the sector, Sector setup, Legal and Regulatory framework	V.Sureshababu, Assistant Director 9886441203
2.	Energy efficiency and Energy Audit in electrical systems.	
3.	Power Market Regulations - Open access, RE Tariff, Congestion, Ancillary Services.	
4.	Power Trading and Power exchanges	
5.	Numerical Relay Testing *	
6.	Hydro Power Plant generation and Operation	Pamu Srinivasa Deputy Director 9448213089
7.	Coal to Electricity- Boiler, Turbine and Generator Characteristics, operation & maintenance	
8.	Super critical Power plant Technologies	
9.	Live Line Maintenance techniques	
10.	Power Quality- Basics, Harmonic measurement, Power quality management,	
11.	High Voltage testing of Power Distribution Equipment *	
12.	Modern Thermal Power Plant Layout and Operation	B.Venkata Subbaiah Deputy Director 9741811574
13.	Hybrid Wind - Solar systems, Energy Storage, Scheduling and Despatch.	
14.	Energy efficiency and Energy Audit for Buildings	
15.	Wind Energy Systems– Technology, Components, Characteristics, Grid Integration issues	
16.	Solar Photo Voltaic systems- Technologies, Components, design, Grid Integration	
17.	400 / 220 kV Sub-Stations	Allam Srinivasulu Deputy Director 9900293363
18.	Sub-Stations and Transmission Lines	
19.	Power transformers – Basics, Operation, Testing and Trouble shooting	
20.	Generator Protection	



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21.	Power system protection - Protection of Generator, Bus bar, Transformer, Transmission lines, Distribution lines and Feeders.	
22.	Low voltage switchgear – Basics, sizing, selection, operation and maintenance	
23.	Power flow studies, Fault studies *	
24.	Power System Fault Studies *	
25.	Power System Stability Studies *	
26.	Recent trends in Power system operation and control – Hierarchical Load despatch, Frequency Control, Voltage Control.	K.Vetrivel Assistant Director 9449017475
27.	Flexible AC Transmission systems and Power Transmission Control	
28.	Reactive Power Management- Power factor correction and Voltage control in Industrial systems. *	
29.	Power System SCADA *	
30.	Modern Power System Operation through Dispatcher Training Simulator *	
31.	Automatic Generation Control in Electrical Systems *	S.D.Patil Deputy Director 9480253706
32.	Recent trends in Power System SCADA	
33.	Phasor measurement units and wide area protection	
34.	Power System Communication protocols	
35.	Demand Side Management- Load forecasting, Load balancing, Classification of loads, auto switching and demand management	
36.	Lead Acid batteries – Characteristics, selection, sizing, operation, maintenance and trouble shooting	
37.	Sub Station Modeling by SCADA tools*	
38.	Smart grids	Piyali Sarkar Assistant Director 9900097375
39.	Low Voltage Power distribution – Planning, design, safety, protection, optimal operation	
40.	Energy efficiency and Energy Audit in Thermal Utilities	
41.	Power Cables – Characteristics, selection, sizing, operation, maintenance and trouble shooting	
42.	Indian Electrical Safety Regulations	
43.	Power cables and jointing techniques *	

Note: The * marked programs are Lab oriented and hence venue is only PSTI, Bangalore.

The hostel facility can be extended to the participants on nominal tariff of PSTI for outstation participants.

2. Mode of Payment:

- Payments must be made in advance in the form of **Cash/DD/ e-transfer** only in favour of **Power Systems Training Institute** payable at **Bangalore.**

Bank Details in case of e-transfer:



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- Name of the Beneficiary : Power Systems Training Institute, Bangalore
- Name of the Bank & Branch : State Bank of India, Banashankari II Stage Branch
- Address of the Branch : 9th Main Road, Banashankari-II Stage, Bangalore 70
- NEFT IFSC Code : SBIN0006767
- Account Type : Current
- Account No. : 10031210203
- MICR No. : 560002008
- RTGS IFSC Code : SBIN0006767

All e-payments shall be supported by the transaction reference number.

All engineering graduates, diploma holders and working professionals are requested to avail the opportunity and enhance their skills.

Thanking you,

M.N.MURTHY
Principal Director
M: 9448904387