

# NATIONAL POWER TRAINING INSTITUTE



An ISO 9001:2015 & ISO 14001:2015 Organization  
(MINISTRY OF POWER, GOVT. OF INDIA)  
WESTERN REGION, NAGPUR (M.S)

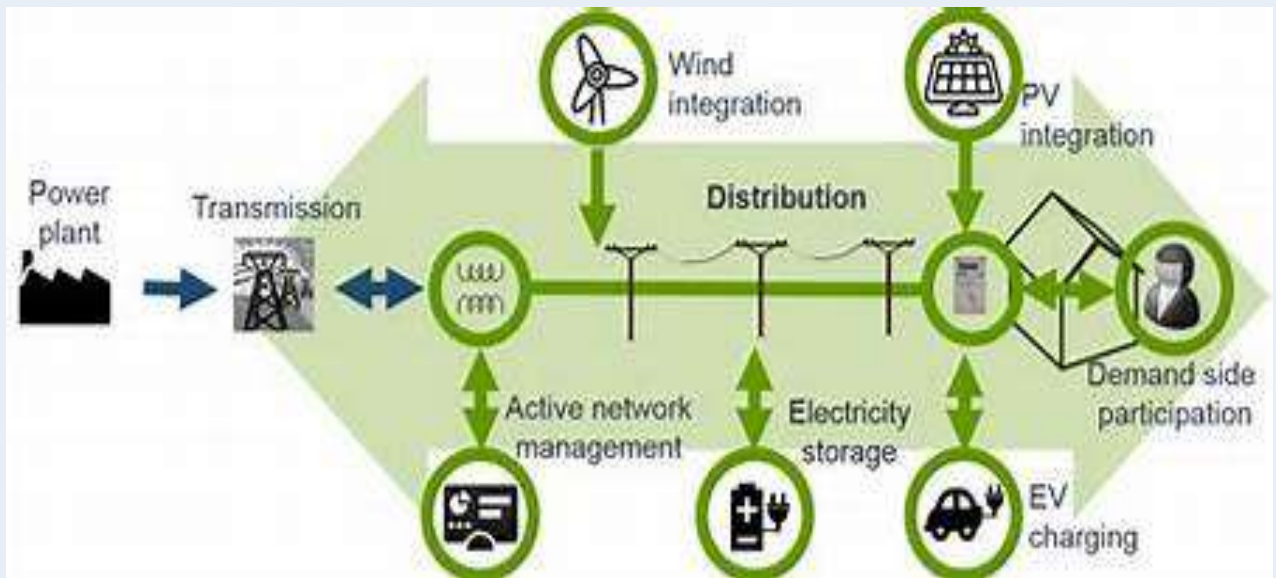


## 05 days Program

on

## “Smart Transmission and Distribution System”

22<sup>nd</sup> to 26<sup>th</sup> July 2024



**Venue:**

**National Power Training Institute**  
**South Ambazari Road, Gopal Nagar, Nagpur-22**

## Greetings from NPTI Nagpur!!

National Power Training Institute is an apex body under the Ministry of Power, Govt. of India, engaged in Human Resources Development of Power Sector for the last 5 decades. NPTI operates through its 11 Institutes all over the country. NPTI, Nagpur is a recognized as Category-I (Grade-A) training institute by CEA, Ministry of Power, Govt. of India.

National Power Training Institute (NPTI), Nagpur is organizing a one-week training program on “Smart Transmission and Distribution System” from **22/07/2024(Mon)-26/07/2024(Fri)**. The objective of the program is to update the knowledge of the participants in various Operations and Maintenance of Transmission and Distribution Lines.

This training program would be immensely beneficial and enrich the knowledge of In-Service Engineers, Operators, and Technicians in the area of Operation and Maintenance of Transmission and Distribution Lines. A brief profile of the program is given below.

### Program Profile

- Role of Smart Grids In The Indian Power Sector
- Distribution Automation
- Project Management of EHV Lines & Towers Including Sub Station.
- Working of Advanced Metering Infrastructure (AMI)
- Metering Demand Meter Data Management Systems (MDMS)  
Static VAR compensators (SVCs), Flexible AC Transmission system
- (FACTS), Active and Reactive power flow control, uninterruptible power system, (UPS), fuel-cell-based energy system, etc.
- Operation Maintenance, Pre-Commissioning Tests Of Transformer
- Monitoring (WAMS) Using PMU/PDCs
- Electrical Protection System
- Intelligent Load Management System
- Regulatory Framework In the Power Sector
- HVDC Transmission Systems
- Operation & Maintenance (O&M) Of Transformer
- Field Visit

**You are requested to depute a minimum 2-5 Engineers/Technicians for the above training program at NPTI, Nagpur.**

## Fees Structure

Training Fees/Training cost:  
Rs. 18000/- + GST @18% per participant.

## Accommodation Charges

Accommodation Charges (In Executive Hostel-A) with Attached bathroom, TV and AC on twin sharing basis @Rs. 1,000/- per day per participant for one week +GST @18%.

## Boarding Charges

Boarding Charges including Bed Tea, Breakfast, Lunch, Dinner (Veg/Non Veg) : @Rs. 600/- per participant per day + GST @18%.

For more details, please contact the undersigned.

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	If interested in the training, kindly fill up the Consent Form- <a href="https://docs.google.com/forms/d/e/1FAIpQLSft9Y0zP41gmyq1uDX5c69OvuWS-gqp4IJocJ2RMI_qijPAGg/viewform?vc=0&amp;c=0&amp;w=1&amp;flr=0&amp;usp=mail_form_link">https://docs.google.com/forms/d/e/1FAIpQLSft9Y0zP41gmyq1uDX5c69OvuWS-gqp4IJocJ2RMI_qijPAGg/viewform?vc=0&amp;c=0&amp;w=1&amp;flr=0&amp;usp=mail_form_link</a> our team will contact you shortly.	

**Website : [www.npti.gov.in](http://www.npti.gov.in)**

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