

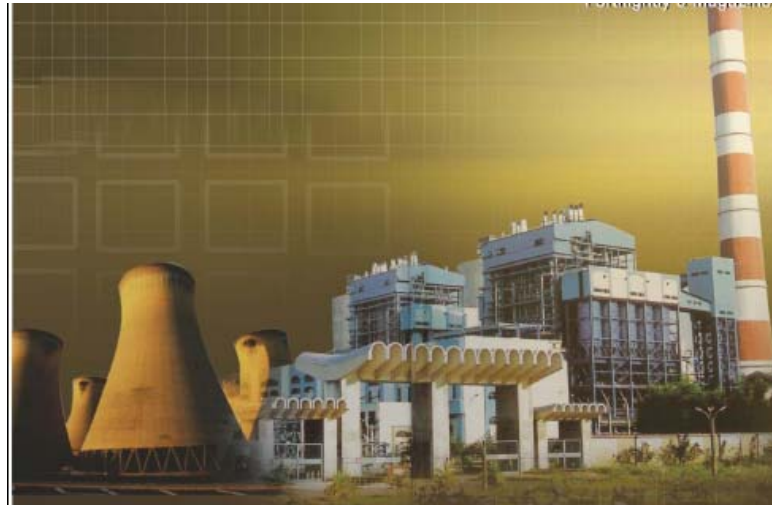


**12 Week programme on
THERMAL POWER
GENERATION**

(12/04/2010 to 02/07/2010)

At

***Power Management Institute, NTPC
Limited, NOIDA***



12 Week programme on THERMAL POWER GENERATION

Programme Overview

The installed capacity of power generation in India is targeted to reach over 200 GW by 2012 in order to achieve the national agenda of “Power for All”. Various public and private sector companies are committing resources for and augmentation of generation capacity. Thermal power generation, which contributes about two-third of total generation, will continue to dominate the power generation scenario in India.

To match the industry expectations, every organization needs to ensure availability of quality trained engineers who can optimize their operations and efficiency and ensure safety and cost effectiveness.

NTPC Ltd is the largest power generation company in India, having more than 3 decades of glorious record of thermal power project engineering, project commissioning, Operation and Maintenance.. After the success of inaugural 12-week programme in January 2010, now NTPC offers another training programme on *Thermal Power Generation* at its apex training institute, PMI, located at Noida. This training programme is a comprehensive training

course for people new to the generation field or those who want to develop in depth, first hand experience of thermal power generation.

Programme Profile

- Overview of thermo dynamics & fluid mechanics related to thermal plants.
- Safety in power plants
- Thermal power plant systems: air, water, steam, fuel, ash handling systems.
- Lubrication of Bearings and Vibration analysis
- Design, construction, O&M of Boiler & Turbine along with their auxiliaries.

- Generator, Transformers, Motors, Electrical testing and protection.
- Power Plant efficiency & performance optimization
- Other inputs necessary for power generation business :
 - Environmental concerns
 - Commercial issues.
 - Labour Laws
 - Project management
 - Communication skills
- Practical insight through Power plant visits and work-assignments with plant executives
- 200 / 500 MW simulator.

Methodology

The Training is designed to be highly interactive to develop Thermal

Power generation expertise through classroom lectures, case discussions, power plant simulator and plant assignments at some of the best plants in India.

Who May Attend

Working engineers from power utilities, private sector companies, funding agencies, and other stakeholders.

What our customers say about programme:

▪ *"We are very happy with the quality of training inputs being provided to our employees by Power Management Institute of NTPC. Quality of faculty has been found to be of a very high standard and pedagogy of programme is ideal for our requirements"* says Col

S Banerjee, Head, Learning & Development, L&T Power Limited

▪ *"I am learning new things with quality material, level of delivery and experienced instructors: all questions answered"* says Salim in al Kindi, from Oman refineries & Petrochemical company.

▪ *"Programme is very good, it revives my engineering study, and has very interactive sessions and site visits"* says Ajay Kumar from IPGCL New Delhi

Delegate Fees :

Rs: 140081 (R), Rs. 73680 (NR) per participant (DD in favor of NTPC Limited payable at New Delhi).

Venue

Power Management Institute,
NTPC Limited,
Plot No.5-14, Sector-16A,
NOIDA, UP-201301
Fax--0120-2515210

About PMI

Power management Institute (PMI) was set up by NTPC in recognition of the vital role that competence development of people has to play in the context of challenges associated with the growth of the Indian Power sector. The institution

is involved in the training and development of executives not only from power sector but from other organizations as well. PMI is committed to be leading institute of in developing world class competencies by providing a state of the art training, which responds to and proactively meets the needs of power sector. Over the years, PMI has developed its strength in designing and delivering customized programs in technical, management and IT areas. The infrastructure and idyllic surroundings of PMI, which is an ISO 9001:2000 certified institute, makes it conducive for learning and self development

For Any Enquiry Please Contact:

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