

### Program Concept and Objectives:

As of March 2024, India has a total thermal installed capacity of 243 GW. Almost 86% of the thermal capacity comes from coal and the rest from Lignite, Diesel and Gas. About 65% of the electricity consumed in India is generated by thermal power plants. India is the world's third largest producer of electricity. India is also the third largest consumer of energy.

Electricity generation installed capacity increased by 39.2% from 248.5 GW in March 2014 to 370.1 GW in March 2020. In FY24 (until June 2024), the total thermal installed capacity in the country stood at 243.44 GW. The above describes the importance of Thermal Power Sector on Indian economy and on Indian Society.

Like any other sector, Power Generation has its own risks in the form of adapting new technology, managing generation, managing distribution and managing financial losses arising out of fortuitous incidences. One of the risk management tools is to transfer the risk to Insurance Companies. This transfer process needs some fundamental knowledge of technology, Insurance process including selection of correct policies, fixing Sum Insured, handling claims and such other related matters. This program is aimed at imparting this knowledge to the participants.

**Key Takeaways of the program:** The Program of three hours duration aims to make the participants aware of:

- Working of Coal based thermal power plant
- Working of Gas Based Combined Cycle Power Plant
- Major equipment and its protection systems
- Typical breakdown and loss scenarios in the power plant
- Typical insurance coverage

### Participant Profile:

The Program is designed for Executives from Insurance Companies, Brokers, IMF, Surveyors and Customers / Marketing official/Corporate agents / Field Marketing force and officials of Thermal Power Companies and others involved in the area.

### Program Fees:

- Participants requiring residential facilities: Total amount Required – Rs. 12980/- i.e. (Rs. 11000/- plus 9% CGST + 9% SGST).

(The fees cover tuition, course material, A/C single room accommodation in the Institute's campus and full boarding (bed tea/coffee, breakfast, lunch, light refreshments in the evening and dinner). All rooms are fully furnished with attached bathroom and Internet facility.

Rooms are reserved from 12.00 noon onwards the day prior to the commencement of the program. The participants can stay till 12.00 noon next day after the conclusion of the program.)

- Non-residential participants: Total amount Required – Rs. 9440/- i.e. (Rs. 8000/- plus 9% CGST + 9% SGST).

(The fees cover tuition, course material and day boarding (i.e. breakfast, lunch and tea/coffee during tea breaks for actual days of training).)

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### Program Date & Duration:

3 to 4 February 2026, 2 days (CT)

### Program Time (IST):

10.00 AM to 05.00 PM (6 Hrs. Every Day)

Program ID: CPG