



# केन्द्रीय शैक्षणिक एवम् तांत्रिक माहिती संशोधन समीती

**CENTRAL EDUCATION & INFORMATION TECHNOLOGY RESEARCH COMMITTEE**  
AN AUTONOMOUS INSTITUTION REGD. BY THE GOVT. OF NCT OF DELHI UNDER ITA 1882 GOVT. OF INDIA  
REGD. BY NCS-MINISTRY OF LABOUR AND EMPLOYMENT, GOVT. OF INDIA  
REGD. AT MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES (MSME), GOVT. OF INDIA  
An Autonomous Organization works for IT, HRD & Literacy

## भारत सरकार पंजीकृत. Diploma In Power Plant And Thermal Technology

### Description

This Course provides a simple understanding of the power plant engineering. The course contains the details of steam and gas thermal power plants, hydro power plants, nuclear power plants, along with solar, wind and geothermal energy power systems in addition to the direct energy conversion. The economics of power generation and the environmental aspect of power generation are also being addressed in this course.

### Course Content

- Power Plant Introduction and Industrial Safety
- Power Plant Familiarization
- Power Plant Operation
- Power Plant Briefing and Scheme Tracing
- Power Plant Performance & Efficiency Calculations
- Power Plant Chemistry, Metallurgy, NDT & Welding
- Power Plant Protection & Load Dispatch
- Design Aspects of Power Plant equipment

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