

## Course

- Academic Courses

## Initial Description

The Indian Power Sector with approx. 356.1 GW (as on 30/04/2019) installed capacity along with modernization of Indian Power Sector also with technological advancements and sophistication during last few decades has, in turn, been demanding trained man power. In addition, India is also likely to surpass 175 GW of Renewable Energy Target by 2022. The technical knowledge acquired from Engineering Colleges provides the basic foundation, which needs to be supplemented with the Applied Engineering skills so as to groom the engineers for efficient functioning at every stage of planning, designing, engineering, procurement, construction, commissioning, operation, maintenance, transmission and distribution of power supply industry.

NPTI recognized the need for making this technically trained manpower readily available to the Power Sector in line with its present and future requirements. It was felt that requirement of trained manpower for Power Sector could be fulfilled if the engineers after passing their engineering degree are groomed by conducting a technical course approved by the competent authority of Government of India and giving them an exposure to the theoretical as well as practical aspects.

The “Post Graduate Diploma Course in Thermal Power Plant Engineering” has been one of the many flagship programs of NPTI. Assessing the next decade’s requirements NPTI has now re-designed the course contents to suit the needs of the Power Sector. It is now re-named as “Post Graduate Diploma Course in Power Plant Engineering”. The course profile covers the emerging Power Sector needs. Product of the course has promising record of employment in the power industry.

## Objective

With a view to build adequate technical capacity and develop economically viable Energy sector and energy efficient systems and compliance of laudable objectives of the Govt. of India, adequate scientific and technical manpower at all levels is a prerequisite. The main aim of the courses is to create a pool of technically trained manpower readily available for recruitment to the State, Central and Private Power Utilities and allied Industries.

## Program Profile

Duration of the course is one year, consisting of two semesters covering formal training at Institutes and industrial/field training. Course Details are tabulated below:

Course Name	Course Details
PGDC in Power Plant Engineering	The course covers operation and maintenance of Power Plants viz., Thermal including Gas, Solar, Wind, Biomass etc., with exposure to on-job training for substantiation of Operational and Maintenance practices and concepts. The program also satisfies all the requirements of on-going and emerging power sector needs The trained personnel shall develop the competence of O&M and Commissioning principles of plants based on different sources of energy.

[Click here for more details on course contents and hours.](#)

[Click for ALUMINI SPEAK.](#)

The sequences of these modules are not rigid and may be modified suiting to requirements of power companies, from time-to-time.

### COURSE FEE DETAILS

1	Course fee for the Non- spons
2	Course fee for the sponsored
3	Course fee for International C

\* To be paid Online or by Demand Draft favoring “National Power Training Institute” payable at Faridabad at the time of Counseling.

\*\* To be deposited at the allocated Institute by Demand Draft/On-line favoring & payable in the name of allocated Institute where admission is confirmed during counseling.

Note: - **There is no Fee concession to any category of students.**

**You can download the Prospectus from the following link regarding details of eligibility criteria & other details for admission to PGDC Programs:** [PGDC Prospectus 2020-21](#)

Training Name of Institute	Duration	Application fee	Date of Commencement	Last Date for Application	Apply Online
Faridabad	52 weeks	1000	01/09/2020	07/08/2020	<a href="#">Apply Now</a>
Badarpur	52 weeks	1000	01/09/2020	07/08/2020	<a href="#">Apply Now</a>
Nangal	52 weeks	1000	01/09/2020	07/08/2020	<a href="#">Apply Now</a>
Neyveli	52 weeks	1000	01/09/2020	07/08/2020	<a href="#">Apply Now</a>
Durgapur	52 weeks	1000	01/09/2020	07/08/2020	<a href="#">Apply Now</a>
Guwahati	52 weeks	1000	01/09/2020	07/08/2020	<a href="#">Apply Now</a>
Nagpur	52 weeks	1000	01/09/2020	07/08/2020	<a href="#">Apply Now</a>
Alappuzha	52 weeks	1000	01/09/2020	07/08/2020	<a href="#">Apply Now</a>
Shivpuri	52 weeks	1000	01/09/2020	07/08/2020	<a href="#">Apply Now</a>

### Who may attend

B.Tech. / B.E. or its equivalent with minimum 60 percentage marks in Mechanical/ Electrical /Electrical & Electronics / C&I / Power Engineering and related branches