

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.

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:

Training Course Name	Course Details
PGDC in Smart Grid Technologies	The objective of the course is to explain in detail the Smart Grid technologies, their applications covering Smart Generation, Smart Transmission and Smart Distribution. The candidates shall develop their skills to operate Smart Grids integrating Renewables, e-Vehicles, Storage system, Smart meters etc.

[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

Training 1	Course fee for the No
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3		Course fee for Interna

* 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	Apply Now
Durgapur	52 weeks	1000	01/09/2020	07/08/2020	Apply Now
Nagpur	52 weeks	1000	01/09/2020	07/08/2020	Apply Now
PSTI Bengaluru	52 weeks	1000	01/09/2020	07/08/2020	Apply Now
Alappuzha	52 weeks	1000	01/09/2020	07/08/2020	Apply Now
Shivpuri	52 weeks	1000	01/09/2020	07/08/2020	Apply Now

Who may attend

B.Tech. / B.E. or its equivalent with minimum 60 percentage marks in Electrical /Electrical & Electronics /Electronics & Communication / C&I /Computer Science/ Information & Communication Technology, Information Technology and related branches