

Course

- Long Term Courses

Objective

To prepare engineers to become Power Station Managers in Operation and Maintenance of Hydro Power Stations.

Program Profile

Module No.	Description	Duration
1	General Introduction of Hydro Power Plant Engineering	2 Weeks
2	Power plant familiarization of Hydro Power Plant Engineering	3 Weeks
3	Planning & cost control	1 Week
4	Safety & First aid	1 Week
5	Construction activity of a Hydro Power Plants	2 Weeks
6	Electro mechanical equipment using in HYDRO Power Plants	3 Weeks
7	Hydro mechanical equipment Testing Erection & Commissioning	1 Week
8	Welding and NDT	1 Week
9	Control & Instrumentation	2 Weeks
10	Computer application in Hydro Power plant	1 Week
11	Power Plant Protections	2 Weeks
12	Switchyard Equipments	1 Week
13	Power Plant Operation	2 Weeks
14	Load dispatch	1 Week
15	Maintenance of Hydro Power Plant Equipments	1 Week
16	Inspection of Hydro Power Plant Equipments	1 Week
17	Hydro Power Plant Simulator	1 Week
18	Introduction to Management	1 Week
19	Plant Operational Training at Hydro Power Plant (On-JOB)	6 Weeks
20	Plant maintenance Training at Hydro Power Plant (ON-JOB)	5 Week
21	Final assessment & Evaluation	1 Week

Total 39 Weeks

Course Fee:

1,75,000 non sponsored

2,00,000 sponsored

Training Name of Institute	Duration	Application fee	Date of Commencement	Last Date for Application	Apply Online
Nangal	39 weeks	1000	21/10/2019	27/09/2019	-

Who may attend

B.E./B. Tech. or equivalent in Mechanical/Electrical/Electrical & Electronics/Power Engg.