

# NATIONAL POWER TRAINING INSTITUTE



**राष्ट्रीय विद्युत प्रशिक्षण प्रतिष्ठान**

(A National Apex Body for Training in Power Sector)

Established vide The Gazette of India, 3rd July 1993

(An ISO 9001 : 2015 & ISO 14001 : 2015 Certified Organization)

Ministry of Power, Govt. of India

SOUTHERN REGION, BLOCK-14 : NEYVELI-607 803



## POST-GRADUATE DIPLOMA COURSE IN POWER PLANT ENGINEERING

(SEPTEMBER 2020-21)

25<sup>th</sup> BATCH

# INSTRUCTIONS TO CANDIDATES

**POST-GRADUATE DIPLOMA COURSE IN POWER PLANT ENGINEERING  
(SEPTEMBER 2020-21)-25<sup>th</sup> Batch**

**INSTRUCTIONS TO CANDIDATES**

1. The duration of the course leading to the Post-Graduate Diploma Course in Power Plant Engineering (September 2020-21) shall be one academic year (52 weeks) divided into two semesters.

A candidate shall have to pass all the two semester examinations within a maximum period of three years of his/her admission to the first semester Post-Graduate Diploma Course in Power Plant Engineering (September 2020-21) program failing which he/she will be deemed to be unfit for the program. However, a candidate, who having passed the first semester examination discontinues his studies, for legitimate and justified reasons may be permitted to join second semester within one year of his passing the first semester examination.

2. a) The first semester examination shall be open to a regular student who
  - i) has been on the rolls of the Institute during the first semester;
  - ii) has at least 75% attendance in the class during the semester;
  - iii) has obtained pass marks in the internal assessment/ workshop/practical exam. and
  - iv) bears a good moral character
  
- (b) The second semester examination shall be open to a regular student who:
  - i) has been on the rolls of the Institute for the concerned semester
  - ii) has at least 75% attendance in the class during the semester;
  - iii) has passed the first semester examination and
  - iv) bears a good moral character.

**3. The Scheme of Examination and marks are detailed below:**

<b>Paper No.</b>	<b>Title of the Paper - First Semester</b>	<b>No. of Weeks</b>	<b>Internal Test Max marks</b>	<b>External exam Max Marks</b>	<b>Total Max marks</b>
1	Power Plant Familiarisation-I (Power Plant Introduction & Safety, Generators & transformers)	3	50	100	150
2	Power Plant Familiarisation-II (Boiler, Turbine & BOP)	4	50	100	150
3	Power Plant Operation, Power Plant Performance & Efficiency Calculation	3	50	100	150
4	Erection, Commissioning & Construction Management, Gas turbine & Combined Cycle Power Plant	3	50	100	150
5	Power Plant Chemistry, Metallurgy, NDT & Welding, Advanced Steam Generation Technology- Supercritical and FBC	3	50	100	150
6	Rotation On-job(Operation) (Based on Viva Voce)	5	50	100	150
7	Power Plant Briefing & Scheme Tracing (Based on Viva Voce)	2	50	50	100
8	Business Communication & Personality Development (Based on Viva Voce)	1	50		50
	Total				1050
	<b><i>First Semester Examination</i></b>	<i>1</i>			
	<b>Title of the Paper - Second Semester</b>				
1	Power Plant Protection, Control & Instrumentation, Energy Audit	3.5	50	100	150
2	Maintenance Planning & Cost Control, Environment Management, Nuclear Power Plant Familiarization, Renewable & Hydro Power Plants	4	50	100	150
3	Maintenance Practice & Inspection, Design Analysis	5	50	100	150
4	Load Dispatch, IT Application in Power Sector & GIS, Power Reforms & Regulation	4	50	100	150
5.	Rotation On-job(Maintenance) (Based on Viva Voce)	4	50	100	150
6	Training & visit to Manufacturers Works (Based on Viva Voce)	2	50		50
7	Simulator	2	100		100
8	Project (Based on Viva Voce)	0.5	50	100	150
	Margin for holidays	1			
	<b><i>Second Semester Examination</i></b>	<i>1</i>			
	<b>Total</b>	<b>52</b>			<b>1050</b>

**Distinction** - 75% and above

**First Division** - 60% & Above

**Second Division** - 50% to less than 60 %

**Pass Marks** - Minimum 45% in internal & external examination separately and 50% in overall Semester

**A student failing in a particular semester in three or more subjects will have to repeat the Semester exam with the next batch. A student failing in a particular subject will have to appear in the subject exam.**

#### 4. TRAINING FEE:

For non-sponsored candidates Rs.2,30,000/- (in two installments)

The installments of Training fee must be paid strictly according to the schedule given Below :

**Fees to be paid by students of Post-Graduate Diploma Course in Power Plant Engineering  
(September 2020-21) at NPTI (SR), Neyveli at the time of Joining**

Sl. No.	Details	Amount In Rs.	GST		Total Amount In Rs.
			%	In Rs.	
1.	Training fee -1 <sup>st</sup> Installment	1,15,000	18	20,700	1,35,700
2.	Transportation charges (for visit to Thermal power Plant for scheme tracing, Rotational On-job training (Operation & Maintenance))	1,500	18	270	1,770
3.	Identity Card Charges	80	18	14	94
4.	1 <sup>st</sup> & 2 <sup>nd</sup> Semester Examination Fee @ Rs.1,600/-x2	3,200	18	576	3,776
5.	Caution Deposit (Refundable)*	3,000	-	-	3,000
<b>Total fees without Hostel</b>					<b>1,44,340</b>
6.	Hostel Rent for one year at Hostel 'A' (Common Toilet Bathroom) (if hostel accommodation is required)*	30,000	18	5,400	35,400
7.	Hostel Rent for one year at Hostel 'C' (Common Toilet Bathroom) (if hostel accommodation is required)*	24,000	18	4,320	28,320
8.	Hostel Rent for one year at Hostel 'A' (Attached Toilet Bathroom) (if hostel accommodation is required)*	48,000	18	8,640	56,640
<b>Total fees with Hostel 'A' (Common Toilet Bathroom)</b>					<b>1,79,740</b>
<b>Total fees with Hostel 'C' (Common Toilet Bathroom)</b>					<b>1,72,660</b>
<b>Total fees with Hostel 'A' (Attached Toilet Bathroom)</b>					<b>2,00,980</b>

**Second Installment Fee to be paid on or before 15<sup>th</sup> February, 2021**

Sl. No.	Details	Amount Rs.	GST		Total Amount
			%	Rs.	
1.	Training fee -2 <sup>nd</sup> Installment	1,15,000	18	20,700	1,35,700

The sponsored candidates have to pay the training fee of **Rs.3,40,000/- plus Rs.61,200/- towards GST 18%** and other charges at Sl.No.2,3,4,5 and 6.

The appropriate amount is to be paid through "SBI Collect" vide link available in this institute's website [www.nptineyveli.in](http://www.nptineyveli.in) or Demand Draft in favour of 'National Power Training Institute' payable at Neyveli.

In addition to the above, the candidates joining the hostel are required to keep separately sufficient amount to meet their mess charges. (Approximately Rs.2,400/- per month)

- a. This deposit is refundable on completion of the program after clearing all dues to the Institute within a month failing which the amount will be forfeited. **The deposit amount of Rs.3,000/- will not be refunded if one discontinues the course without clearing the dues to the Institute.**

If the payment of any installment is not made in time, a late fee of Rs.20/- per day (Rs.120/- per week) will be charged.

- b. All the dues should be cleared for appearing in the Final Assessment. There is no fee concession for any category of candidates.
  - c. Candidates will not be allowed to undergo simulator training/appear in the 2<sup>nd</sup> Semester examination unless he/she has paid the training fee fully.
  - d. **Training fee paid once will not be refunded under any circumstances.**
5. The Course certificate will not be issued to the candidates who have not cleared all the dues.
  6. As a part of the program the participants must attend a study tour if any to various Power Plant Manufacturers works/Power stations etc. as and when arranged and must to attend 02 weeks simulator training either at Badarpur (New Delhi), Faridabad (Haryana) or Nagpur (Maharashtra) and the costs (Travel, Accommodation, Boarding etc.) are to be borne by the participants.
  7. The Institute will function from 09.30 hours to 18.00 hours with lunch break between 13.00 hours and 13.30 hours. The classes will be held from 09.45 hours to 12.45 hours in Forenoon Session and 14.15 hours to 17.15 hours in Afternoon Session. There will be a 15 minutes break in both the sessions.
  8. Hostel Accommodation will be provided at the Institute hostel on payment of the rent notified from time to time. The annual rent must be paid in advance at the time of hostel allotment.
  9. The participants are required to bring their own bedding. However cot and other necessary furniture will be provided in the hostel.
- 10. The candidates joining the hostel are required**
- i) To maintain discipline in the hostel and abide by the rules and regulations of the Hostel.
  - ii) To keep sufficient cash to meet initial charges/advance for the mess.
  - iii) To keep their belonging under their custody in the proper lock & key arrangement.
  - iv) To keep their room neat & tidy and they should not write on the walls/doors/windows of the room.
  - v) Not to use any additional electrical apparatus/gadgets viz. heaters, etc. in their room.
  - vi) To switch off fans/lights when not required and when away from the room.
  - vii) To intimate electrical complaints to the Care-Taker/Hostel In-charge and advised not to repair/attempt the electrical points i.e. fans, lights, etc., by themselves.
  - viii) **Consuming alcohol beverage & smoking in the hostel is strictly prohibited.**
  - ix) The trainees leaving or entering the campus between 10.00 p.m. and 05.00 a.m. should enter the details in the register at the main gate of Institute campus.
  - x) The day scholars will not be allowed to stay in the hostel rooms between 10.00 p.m. and 07.00 a.m. If due to any specific reason any day scholar wishes to stay in hostel in night time, he should take prior permission from the Estate Officer.
  - xi) No guest/relatives of the inmates of the hostel will be allowed to stay in the hostel rooms without the specific permission from the Estate Officer.
  - xii) Any violation of the above disciplinary measures is liable for termination of Hostel accommodation
11. The participants must abide by the rules & regulations of the hostel. Cost of any damage to the Institute property or loss of the same will be collected at market rates from the concerned participant/participants.
  12. The participants can avail free medical consultancy service from the Institute's Part-Time Doctor at the Institute's Dispensary. The Institute Dispensary functions from Monday to Saturday from 08.00 to 09.00 hours. Cost of medicines is to be borne by the participants. In case of emergency, the Estate Officer/Program Director may be approached for immediate assistance.

13. The participants will be issued cards for borrowing books/periodicals from the Institute Library. At any time, one book and one periodical only will be issued. The books will be issued initially for a week and subsequently renewed for another week if required. A fine of Rs.1.00 will be charged per book per day for late return after the due date. Loss of library card should be intimated immediately. An amount of Rs.50/- will be charged per card lost. Any book lost should be replaced. If not, the cost will be collected from the participant.
14. **The Institute will make efforts for the placement of the non-sponsored candidates only on completion of the course by arranging campus interviews. However there is no guarantee for placement by the Institute.** Those who get placement through the campus interview/Institute have to pay an amount of Rs.17,700/- [Rs.15,000+2,700 (18.00% GST)]to the Institute towards placement service charges.
15. All payments to the Institute are to be made only through SBI Collect or by Bank Demand Draft. The participants are requested to obtain printed official receipt for all their payment and keep with them till the completion of the program and produce to the officials concerned for entry/verification.
16. The participants must maintain discipline in the Institute, Campus as well as while attending on-job training, study tours, etc. Any action by the participant bringing disrepute to the Institute will be seriously viewed and may result in the termination of the participant from the course.
17. Post-Graduate Diploma Certificate will not be issued to Candidates who have not cleared all their dues. No Due Certificate has to be submitted to Training Section on completion of the course.
18. The participants are requested to submit two numbers of their recent stamp size photograph to Training Section for issue of Identity Card.
19. **Supplementary examinations will be held for failed/absent candidates as under:**
  - (a) First Semester Along with the Second Semester
  - (b) Second Semester Along with the subsequent first Semester
20. Those who have failed/not appeared in the Final exam of PGDC IN PPE will be permitted in the Supplementary exams to be conducted after six months of their final exams provided they are submitting valid reasons and payment of Rs.200/- (Rupees two hundred only) per paper.

**DIRECTOR**

