



विद्युत मंत्रालय
MINISTRY OF
POWER



20²⁴
25

POST GRADUATE DIPLOMA COURSE
**HYDRO POWER PLANT
ENGINEERING**

PGDC HYDRO

राष्ट्रीय विद्युत प्रशिक्षण प्रतिष्ठान

NATIONAL POWER TRAINING INSTITUTE

(MINISTRY OF POWER GOVT. OF INDIA)

Hydro Power Training Centre

Nangal, Punjab-140124

An ISO 9001: 2008 & 14001:2004 Organization

Phone: 01887-220573 | Website: www.npti.gov.in

FIFTY YEARS OF SERVICE TO THE POWER SECTOR



PREAMBLE

National Power Training Institute (NPTI), an ISO 9001 & ISO 14001 organization under Ministry of Power, Government of India had been providing its dedicated service for more than five decades. NPTI is endowed with wonderful infrastructure facilities in its wide campus, the institution provides quality education and training facilities to the students and trainees in the Power Sector, which is the most important sector among various infrastructure sectors.

Higher quality standards and growing concerns of the Power sector have pushed the sector to adopt state-of-the-art Techniques for effective utilization of resources and optimized performance of the plants.

The Indian Power Sector is demanding trained man power due to increasing capacity, modernization & technological advancements. Given the growing demand for technically skilled professionals, and the rapid changes in technology, there is an increasing need to keep the academia abreast of the skill set requirement of the 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. The “Post Graduate Diploma Courses (PGDC)” have been designed to meet this requirement. These job-oriented courses are designed with a proper balance of theory with practice, so that students get enough hands-on experience and enable them for readily absorption in the Sector. The curriculum of courses enables graduate engineers/working engineers to enhance their skills and to get an exposure to industrial standards & practices.

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. The product of the prestigious courses has a promising record of employment in the power industry.

एन पी टी आई

NPTI

प्रावीण्यं परोपवृत्तिश्च

Message from Director General Shri. Dr. Tripta Thakur



It is a great pleasure for me to welcome you to the National Power Training Institute (NPTI) under the Ministry of Power, Government of India, which is the National Apex body for Training and Human Resources Development in the Power Sector. The NPTI is working for the development of human resources in the Power Sector for more than five decades. NPTI operates on a pan-India basis through its eleven institutes. So far, the NPTI has trained more than 4,70,000 power professionals. To meet the demand of adequate scientific and technical manpower at all levels and to address the issue of quality and reliable power to all, NPTI is successfully conducting job oriented & technologically advanced Post Graduate Diploma Courses in Power Plant Engineering, Smart Grid Technologies, Power System Operation, Renewable Energy & Grid Interface Technologies and nine months Post Graduate Diploma Course in Hydro Power Plant Engineering. Profound learning shaped by the values of excellence, hard work, integrity, and humility, guides the trainees to embark on this exciting journey and enables them to make significant contributions to the power sector. With our PGDC Programs, the learning emphasis and the delivery of education are not only based on knowledge enhancement but also to achieve certain qualities, traits and values. Our programs have received highest recognitions in the sector. NPTI thus continues to provide skillful, knowledgeable, hardworking and enthusiastic human resources to organizations that are serving in power sector.

NATIONAL POWER TRAINING INSTITUTE
HYDRO POWER TRAINING CENTRE

एन पी टी आई

NPTI

प्रावीण्यं परोपवृत्तिश्च

Message from Director

Shri. Dr. M. Ravichandra Babu



National power training institute (NPTI) an ISO 9001 and 14001 certified organization under Ministry of Power, Government of India is a reputed institute for providing graduates engineers an opportunity to be accomplished with the skills required in the Power Sector Industry in India by providing them specialization courses in various departments of power generation. Due to increase in the awareness in consumer, economic, environment there has been a change undergoing in power sector unlike the past where generation and distribution of electricity was not considered commercial activities.

To keep our trainee Updated with latest technologies, the training infrastructure is also being upgraded. All out efforts are being made to ensure that the courses offered by NPTI stand out and meet the power sector needs. We have been modifying the training calendar to incorporate the program's which are in great demand. I wish the students will be benefited by the courses offered by NPTI and will lead a successful path in Power sector industry.

NATIONAL POWER TRAINING INSTITUTE
HYDRO POWER TRAINING CENTRE

एन पी टी आई

NPTI

प्रावीण्यं परोपवृत्तिश्च

Message from Program Director

**Shri. Saurabh Mahajan,
Assistant Director**



The Degree & Diploma Engineers i.e. (B-Tech/Diploma in Electrical & Mechanical) over here, undergo theoretical inputs along with practical exposure of Hydro Power Plant of various ratings. We assure you that the inputs given to these participants are quite practical oriented. HPTC, NPTI Nangal is the only institute conducting this course in our country. After completion of their training in July 2024 (PGDC), they will be ready to be deployed in various disciplines of Power industry. They will be the most suitable engineers for Hydro Power Stations, Manufacturing units, Design & corporate offices of various power utilities, consulting companies, EPC contractors etc. in Hydro Sector.

We shall be happy if your esteemed organization visits HPTC, NPTI to judge the capability, aptitude and knowledge level of these groomed engineers and give them a chance to serve your organization and the Indian power sector



About Us

Fifty Years of Service In the Power Sector



National Power Training Institute, an ISO 9001:2000 AND 14001 Organization has been set up by Ministry OF POWER (GOVT OF INDIA) to function as national apex body for human resource development for Indian Power Sector. The HYDRO POWER TRAINING CENTRE(NPTI), NANGAL is a specialized Centre of NPTI, situated on a picturesque landscape of about 15 (fifteen) acres. The Campus houses the main Institute building, guest house, boys hostel, Girls hostel, Gymnasium & residential quarters for the employees. The main Institute building houses air conditioned lecture halls , library , administrative office, a 250 MW Hydro Simulator, auditorium hall with the facility of latest Audio/ Video system.

NPTI has been conferred the award for “Best Learning and Development Strategy” for the year 2010-11 by the World HRD Congress, under the category Hindustan Times, shine.com, HR Leadership Award. The award was announced on 9-2-2011 in a ceremony held at Hotel Taj Lands’ End, Mumbai. NPTI has also been conferred the award for “Excellence in Training “for the year 2010-11 by the World HRD Congress, under the category Employer Branding Award.



NATIONAL POWER TRAINING INSTITUTE
HYDRO POWER TRAINING CENTRE






National Power Training Institute (NPTI) has been conferred 4th India Power Awards 2011 instituted by Council of Power Utilities for "Excellent work in imparting training to Power Engineers". The award was received by Director General ,NPTI in a glittering ceremony held at India Habitat Center on 24th November, 2011. NPTI was selected for the coveted award by an eminent jury consisting of Sh .P. Abraham, Former Secretary, Ministry of Power, Sh. H. L. Bajaj, Former Member (Technical), Appellate Tribunal for Electricity and others and the jury had unanimously recognized the contribution of NPTI towards excellent work in imparting training to Power Engineers.



PGDC Hydro Batch : 2023-24

The duration of the PGDC course is 39 weeks. The objective of the course is to develop groomed manpower for the power sector having high skills and confidence in running a Power Plant. This course covers the complete syllabus under the provision of Indian Electricity Act Regulations which include the class room sessions as well as on-the-job training. The students are provided on-job practice sessions in various Hydro power plants of BBMB and station visit to KOLDAM (NTPC Ltd.), THDC Ltd., Naphtha Jhakri (SJVN) of different unit size. To enhance the personal skills, inputs of Management are also given to the students. After completion of the courses the students would be readily available for the Indian Power Sector for taking over the charge of Operation & Maintenance of Power Plant equipment's. The course is also open for the sponsored candidates from Power utilities.





एन पी टी आई

प्रावीण्यं परोपवृत्तिश्च

About PGDC HYDRO

The duration of the PGDC course is 39 weeks. The objective of the course is to develop groomed manpower for the power sector having high skills and confidence in running a Power Plant. This course covers the complete syllabus under the provision of Indian Electricity Act Regulations which include the class room sessions as well as on-the-job training. The students are provided on-job practice sessions in various Hydro power plants of BBMB and station visit to KOLDAM (NTPC Ltd.), THDC Ltd., Naphtha Jhakri (SJVNL) of different unit size. To enhance the personal skills, inputs of Management are also given to the students. After completion of the courses the students would be readily available for the Indian Power Sector for taking over the charge of Operation & Maintenance of Power Plant equipment's. The course is also open for the sponsored candidates from Power utilities.

SPECIALITY OF PGDC (HYDRO)

Taught by eminent experts from utilities, manufacturing organizations and academic field.

- Overall personality development of an individual along with technical specialization.
- Seminars, Tests, viva voce, projects are conducted from time to time for continuous evaluation.
- Workshops on various topics to update the knowledge about the current techniques in power sector.
- These engineers have practical exposure with on job training (Operation and Maintenance) at Bhakra Hydro power plants of BBMB.
- These engineers have learnt various testing procedures in the lab and various workshops.
- The engineers have been given exposure of the manufacturing sites of various equipment's related to Hydro Power Plants.
- The engineers have been given exposure to the practical work which has helped them to build confidence for doing job.
- The engineers have been given exposure on the Of-job, hands on training on 250 MW Real-time Hydro Simulator at NPTI (HPTC), Nangal. Training Simulator which has helped them to know to reduce plant trip & trouble-free startup & optimum usage of resources for less down time and lower costs.

Program Profile

Specially Curated For Better Practical Approach



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

Total Weeks For The Complete Training: 39 Weeks

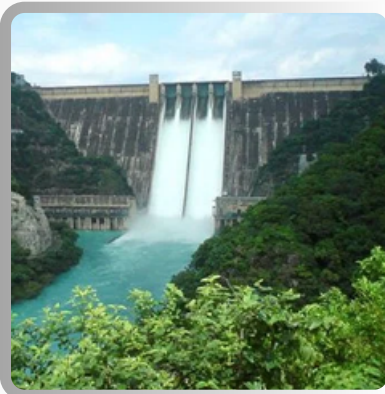
Advantages: Companies Recruiting from NPTI-HPTC, Nangal

Where Our Student's meets Excellence



- No investment on training and the time for providing training to the newly inducted engineers is saved.
- The course is a specialized course in Hydro Power Plant Engineering.
- The engineers trained under this course have an edge over the fresh engineers as they have been specially trained in the Operation & Maintenance, Erection & Commissioning, Manufacturing works, contractor's site etc. of Hydro Power Plant.
- The course curriculum is regularly updated with the latest technologies in the power sector and as per the customized as per the requirements of the industry.
- The engineers could be placed directly on the site/job after providing a minimal of training concerned with the actual job.
- HPTC, NPTI helps individual to nurture their talents and skills to transform into a professional.
- The students avail the opportunity to interact with experienced faculty from prestigious Institutes/ organizations like NTPC, NPCIL, BBMB, NHPC, PSPCL, THDC, SJVNL, PEC, BHEL, Voith Hydro, CEA
- The training was given at Power Stations of various ratings of NTPC (KOLDAM), manufacturing units like BHEL, Voith Hydro Ltd. and other manufacturer of switchgear, transformers, cables etc.
- This training program is under the mandatory requirements of the Indian Electricity Regulations act.

PLANT VISITS



BHAKRA POWER PLANT PP-I



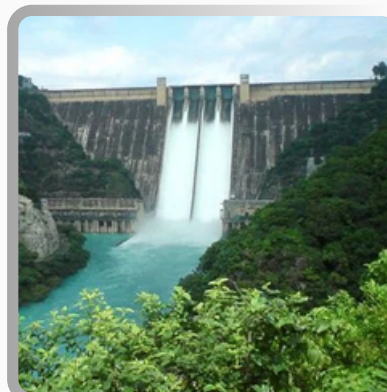
PONG POWER PLANT



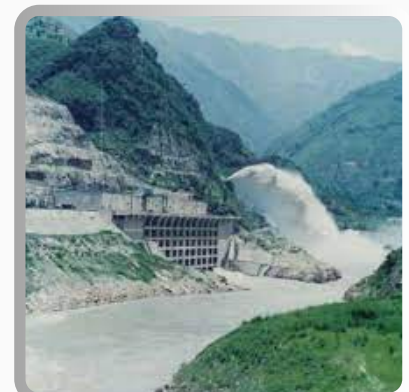
GANGUAL CANAL POWER HOUSE



KOTLA CANAL POWER HOUSE



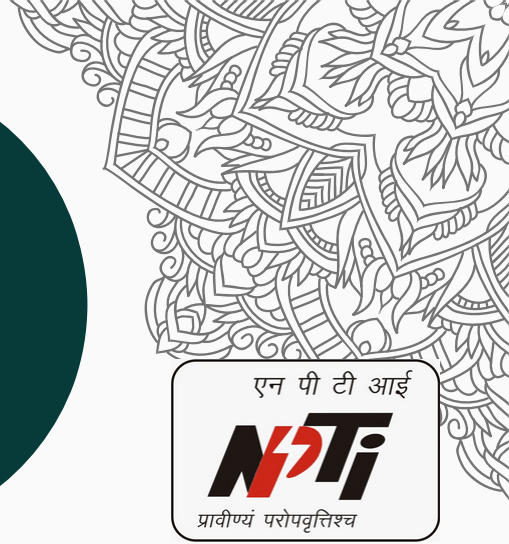
BHAKRA POWER PLANT PP-II



DEHAR POWER HOUSE

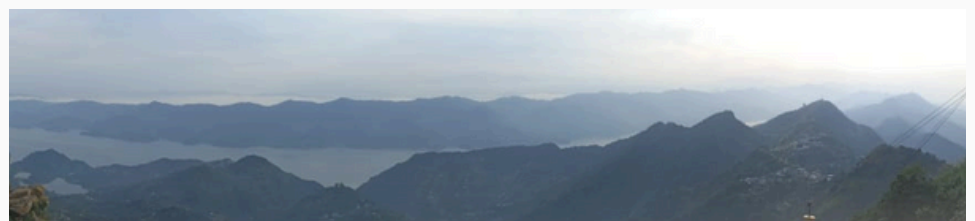
Advantages: Companies Recruiting from NPTI-HPTC, Nangal

Where Our Student's meets Excellence



ON-JOB TRAINING

The trainees will be going to On-Job training (operation) 06 weeks & (maintenance) 06 weeks in BBMB/PSPCL/Other Hydro Electric Project



Unique Facilities

Well Equipped Labs for Real time Training



SIMULATOR TRAINING PROFILE

- Charging of power supply
- Charging of auxiliary system
- Automatic unit run-up system
- Synchronization of Unit to national grid
- Loading operation up to 100%
- Emergency Handling.

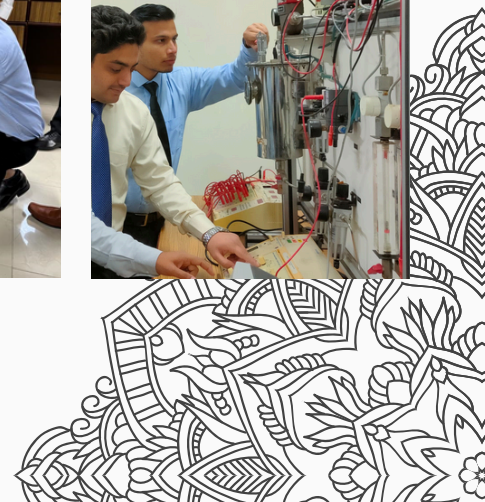


ADVANTAGES OF THE SIMULATOR TRAINING

- Highly efficient learning.
- No fuel cost on account of training.
- No wastage of equipment time.
- Risk free training.
- High retention level.
- Improved sharpness.
- Test bed.

OTHER FACILITIES

- Hydro Lab
- Control & Instrumentation Lab
- Electrical Lab
- PLC Trainer Kit
- Digital Electronics Lab
- Computer Lab
- Library
- Hostel Accommodation etc.





Placement Records



PGDC Hydro 2019-20



SUNANDA MONDAL

PGDC HYDRO 2019-20
Branch - Electrical

JSW Energy

Package: 5 LPA + 75k Incentive



VAIBHAV PANWAR

PGDC HYDRO 2019-20
Branch - Mechanical

JSW Energy

Package: 5 LPA + 75k Incentive



RICHI SHARMA

PGDC HYDRO 2019-20
Branch - Mechanical

JSW Energy

Package: 5 LPA + 75k Incentive



VIVEK KUMAR

PGDC HYDRO 2019-20
Branch - Mechanical

JSW Energy

Package: 5 LPA + 75k Incentive



**SANDEEP SINGH
DEHAL**

PGDC HYDRO 2019-20
Branch - Mechanical

JSW Energy

Package: 5 LPA + 75k Incentive

PGDC Hydro 2019-20



VISHAL PANDE

PGDC HYDRO 2019-20
Branch - Mechanical



Package: 3.12 LPA



AVI RANA

PGDC HYDRO 2019-20
Branch - Electrical



Package: 3.12 LPA



SURJEET CHAUHAN

PGDC HYDRO 2019-20
Branch - Mechanical



Package: 3.12 LPA



NAVDEEP SINGH

PGDC HYDRO 2019-20
Branch - Mechanical



Jaiprakash Associates Limited

Package: 5 LPA + 75k Incentive



RAHUL

PGDC HYDRO 2019-20
Branch - Mechanical



Jaiprakash Associates Limited

Package: 5 LPA + 75k Incentive

PGDC Hydro 2019-20



SURYAKANT

PGDC HYDRO 2019-20
Branch - Mechanical



DEVENDRA SAHU

PGDC HYDRO 2019-20
Branch - Mechanical



VIKAS PATHAK

PGDC HYDRO 2019-20
Branch - Electrical



SUMEET KUMAR

PGDC HYDRO 2019-20
Branch - Mechanical



Jaiprakash Associates Limited

Package: 5 LPA + 75k Incentive



Jaiprakash Associates Limited

Package: 5 LPA + 75k Incentive



Greenew Urja
PVT. Ltd

Package: 2.7 LPA



Greenew Urja
PVT. Ltd

Package: 2.7 LPA

PGDC Hydro 2019-20



KRISHNENDU GHOSH

PGDC HYDRO 2019-20
Branch - Electrical

Higher Studies



PRAVEEN SAXENA

PGDC HYDRO 2019-20
Branch - Mechanical

Higher Studies



RAJAT RAWAT

PGDC HYDRO 2019-20
Branch - Mechanical

Higher Studies



**ABHISHEK
BHATTACHARJEE**

PGDC HYDRO 2019-20
Branch - Mechanical

Higher Studies



PGDC Hydro 2021-22



SOURABH RANA
PGDC HYDRO 2021-22
Branch - Mechanical



Package: 8 LPA + 1.5 L Incentive



VISHAL KUMAR
PGDC HYDRO 2021-22
Branch - Mechanical



Package: 8 LPA + 1.5 L Incentive



NISHANT KUMAR
PGDC HYDRO 2021-22
Branch - Mechanical



Package: 8 LPA + 1.5 L Incentive



MANVENDRA SINGH
PGDC HYDRO 2021-22
Branch - Mechanical



Package: 8 LPA + 1.5 L Incentive



VISHESH GARG
PGDC HYDRO 2021-22
Branch - Mechanical



Package: 8 LPA + 1.5 L Incentive

PGDC Hydro 2021-22



GANESH KUMAR R.

PGDC HYDRO 2021-22
Branch - Electrical &
Electronics



Jaiprakash Associates Limited

Package: 5 LPA + 75k Incentive



ANKIT KUMAR

PGDC HYDRO 2021-22
Branch - Electrical



Jaiprakash Associates Limited

Package: 5 LPA + 75k Incentive



ASHUTOSH SHARMA

PGDC HYDRO 2021-22
Branch - Mechanical



Jaiprakash Associates Limited

Package: 5 LPA + 75k Incentive



MANJEET RANA

PGDC HYDRO 2021-22
Branch - Mechanical



Jaiprakash Associates Limited

Package: 5 LPA + 75k Incentive



**KESHAV KUMAR
HAZARI**

PGDC HYDRO 2021-22
Branch - Mechanical



Package: 4.2 LPA

PGDC Hydro 2022-23



VIVEK THAKUR

PGDC HYDRO 2022-23
Branch - Mechanical



Package: 8 LPA + 1.5 L Incentive



ANKUSH CHANDEL

PGDC HYDRO 2022-23
Branch -



Package: 8 LPA + 1.5 L Incentive



ABHAY SHRIVASTAVA

PGDC HYDRO 2022-23
Branch - Electrical



Package: 8 LPA + 1.5 L Incentive



BADAL CHAUHAN

PGDC HYDRO 2022-23
Branch - Mechanical



Package: 8 LPA + 1.5 L Incentive

PGDC Hydro 2022-23



YASH KUMAR

PGDC HYDRO 2022-23
Branch - Mechanical



Package: 3.0 LPA



**VIBHAV KUMAR
MISHRA**

PGDC HYDRO 2022-23
Branch - Mechanical

GlobalHydro

Package: 3.0 LPA



RAHUL KUMAR

PGDC HYDRO 2022-23
Branch - Mechanical

GlobalHydro

Package: 3.0 LPA



SHIVAM SHARMA

PGDC HYDRO 2022-23
Branch - Mechanical

GVK

Package: 3.5 LPA



BEENENDRA KUMAR

PGDC HYDRO 2022-23
Branch - Mechanical

GVK

Package: 3.5 LPA

PGDC Hydro 2022-23



MANISH TRIPATHI

PGDC HYDRO 2022-23
Branch - Mechanical



BOMS
PRIVATE LIMITED

Package: 4.2 LPA



ANURAG BHARDWAJ

PGDC HYDRO 2022-23
Branch - Electrical



BOMS
PRIVATE LIMITED

Package: 4.2 LPA



PGDC Hydro 2023-24



PRABAL SHARMA

PGDC HYDRO 2023-24
Branch - Electrical

JSW Energy

Package: 8 LPA + 1.5 L Incentive



NEERAJ GULERIA

PGDC HYDRO 2023-24
Branch - Mechanical

JSW Energy

Package: 8 LPA + 1.5 L Incentive



**ANCHAL SINGH
THAKUR**

PGDC HYDRO 2023-24
Branch - Mechanical

JSW Energy

Package: 8 LPA + 1.5 L Incentive



PRINCE GULERIA

PGDC HYDRO 2023-24
Branch - Electrical

JSW Energy

Package: 8 LPA + 1.5 L Incentive



NAYAN CHOUDHARY

PGDC HYDRO 2023-24
Branch - Electrical

JSW Energy

Package: 8 LPA + 1.5 L Incentive

PGDC Hydro 2023-24



SAGAR RAI

PGDC HYDRO 2023-24
Branch - Mechanical

JSW Energy

Package: 8 LPA + 1.5 L Incentive



ABHISHEK RANA

PGDC HYDRO 2023-24
Branch - Electrical &
Electronics

GVK

Package: 3.5 LPA



**NISHANT SINGH
CHAUHAN**

PGDC HYDRO 2023-24
Branch - Mechanical

GVK

Package: 3.5 LPA



PRATUYSH SHARMA

PGDC HYDRO 2023-24
Branch - Mechanical



TATA CONSULTING ENGINEERS LIMITED

Package: 5 LPA



**SUMIT KUMAR
SHARMA**

PGDC HYDRO 2023-24
Branch - Electrical



TATA CONSULTING ENGINEERS LIMITED

Package: 5 LPA

PGDC Hydro 2023-24



HARSH SAINI

PGDC HYDRO 2023-24
Branch - Electrical

GlobalHydro

Package: 3.5 LPA



CHANDER MOHAN

PGDC HYDRO 2023-24
Branch - Mechanical



Package: 3.0 LPA



NIVESH KUMAR

PGDC HYDRO 2023-24
Branch - Mechanical

SHPL

Package: 2 LPA



GOBIND SAINI

PGDC HYDRO 2023-24
Branch - Electrical

SHPL

Package: 2 LPA



PRASENJIT PHOOKAN

PGDC HYDRO 2023-24
Branch - Electrical

एन पी टी आई

NPTI

प्रावीण्यं परोपवृत्तिश्च

Our Prominent Recruiters

Industry Leading Companies



NATIONAL POWER TRAINING INSTITUTE
HYDRO POWER TRAINING CENTRE

Activities

For Social Engagement and Involvement in NPTI as a Member



Swachh Bharat Abhiyan



Swachh Bharat Abhiyan is a transformative initiative that has mobilized the entire nation towards achieving cleaner and healthier living conditions. While there are ongoing challenges, the campaign has laid a strong foundation for a cleaner India, contributing to improved public health and environmental sustainability.



स्वच्छता के लिए श्रमदान के साथ पैदा की जागरूकता

जागरण संवाददाता, नंगल: नंगल में नेशनल पावर ट्रेनिंग इंस्टीट्यूट की ओर से रविवार को स्वच्छ भारत अभियान के तहत स्वच्छता ही सेवा के लिए श्रमदान किया गया।

इस दौरान संस्थान के सहायक डायरेक्टर एवं कार्यक्रम समन्वयक सौरभ महाजन ने बताया कि भारत सरकार के ऊर्जा मंत्रालय के अंतर्गत संचालित उनके संस्थान ने भी प्रधानमंत्री की ओर से चलाए गए स्वच्छ भारत अभियान को सहयोग देकर शहर की मेन मार्केट में लोगों को सहयोग के लिए जागरूक किया है। इस मौके पर संस्थान के पीजीडीसी हाइड्रो स्टूडेंट्स के साथ मौजूद सोशल वर्कर इंजी. पवन

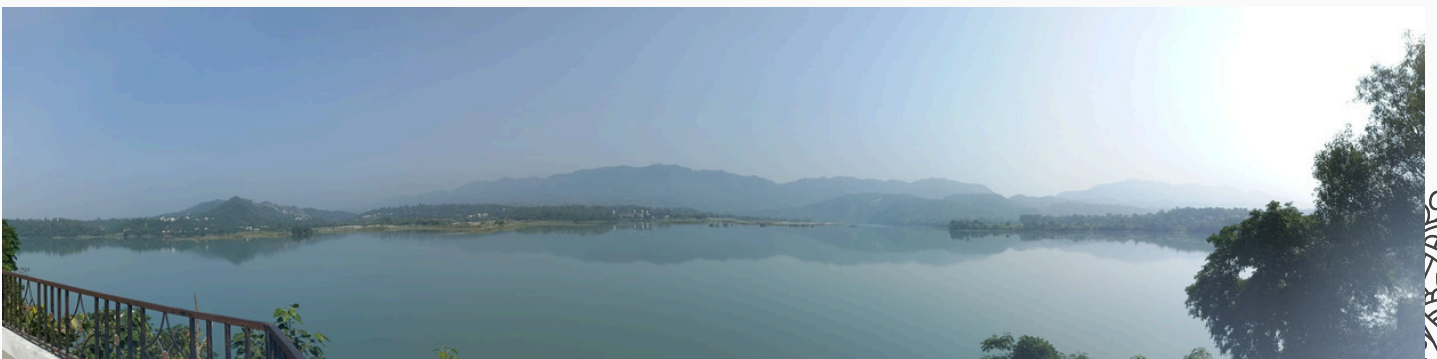


नंगल में एनपीटीआई के सहायक डायरेक्टर सौरभ महाजन, समातन धर्म सभा के प्रधान रमेश गुलाटी व अन्य स्वच्छता ही सेवा के तहत जागरूकता पैदा करते हुए जागरूकता

कुमार, श्री समातन धर्म सभा के प्रधान रमेश गुलाटी आदि ने कहा कि स्वच्छता को बनाए रखकर ही हम समाज को समृद्धि की ओर ले जा सकते हैं।

सौरभ महाजन ने कहा कि उनका संस्थान लगातार पर्यावरण संरक्षण में अग्रणी भूमिका निभा रहा है। आज

भी सभी छात्रों व स्टाफ सदस्यों ने स्वच्छता ही सेवा अभियान को सफल बनाने में योगदान दिया है। आगे भी ऐसे प्रयास जारी रखे जाएंगे।



Activities

For Social Engagement and Involvement in NPTI as a Member



Hindi Pakhwara



Hindi Pakhwara is a significant cultural event that underscores the importance of Hindi in India's national identity. Through various activities and initiatives, it fosters a deeper appreciation for the language and encourages its use in both formal and informal contexts. The celebration is a step towards preserving and nurturing the linguistic heritage of India, ensuring that Hindi continues to thrive as a vital component of the nation's cultural fabric.

Despite these efforts, there are challenges in promoting Hindi uniformly across the country, particularly in non-Hindi speaking states. Balancing the promotion of Hindi while respecting the linguistic diversity of India is an ongoing endeavor.

Despite these endeavors, the uniform promotion of Hindi across India encounters significant challenges, especially in regions where Hindi is not the primary language. Achieving a harmonious balance between the promotion of Hindi and the reverence for India's linguistic diversity is an ongoing and delicate pursuit.



Activities

For Social Engagement and Involvement in NPTI as a Member



Celebrating 75th Republic Day of India

Republic Day is a national holiday that holds immense significance as it not only marks the enforcement of the Constitution but also serves as a reminder of India's democratic values and the sacrifices made by freedom fighters. It is a day of national pride, patriotism, and reflection on the country's progress and future aspirations.



India celebrates its Republic Day on January 26th every year to commemorate the day the Constitution of India came into effect in 1950, making India a sovereign, democratic republic. In 2024, India will be celebrating its 75th Republic Day.



Activities

For Social Engagement and Involvement in NPTI as a Member



Tree Plantation Ceremonies

Tree plantation ceremonies in central government offices in India are part of the government's broader initiatives to promote environmental sustainability, increase green cover, and combat climate change. These ceremonies are often organized to mark significant national events, observances, and campaigns such as World Environment Day, Van Mahotsav and during Swachh Bharat Abhiyan activities.



Activities

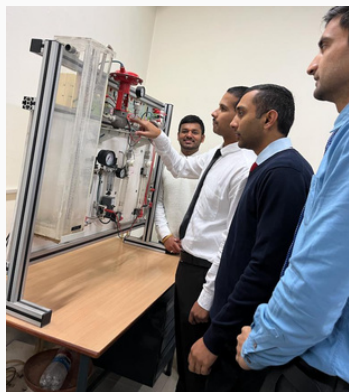
For Social Engagement and Involvement in NPTI as a Member



Campus Placements



Our Labs and Classrooms



Amenities

For Social Engagement and Involvement in NPTI as a Member



Our Facilities



Activities

For Social Engagement and Involvement in NPTI as a Member



Places to Visit Nearby:



Julfa Mata Ji Temple



Mata ChintPurni Ji Temple



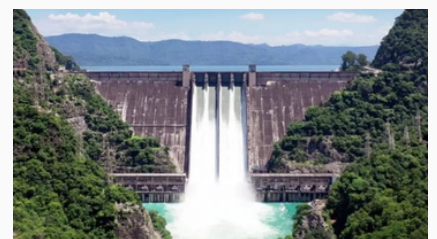
Mata Jwala Ji Temple



Baba Balak Nath



Mata Naina Devi



Bhakra Dam



Shri Anandpur Sahib



Shri Kiratpur Sahib



Virasat E Khalsa

A Glimpse Of Our Activities:



Click the Play Button to interact





ADMISSION NOTICE

39 WEEKS POST GRADUATE DIPLOMA COURSE IN HYDRO POWER PLANT ENGINEERING PGDC Hydro (2024-25)

WHY YOU SHOULD JOIN?

The main aim of the course is to develop the pool of technically trained manpower readily available for recruitment to the Indian Power Sector. The course enhances the knowledge and skill of the fresh Graduate Engineers who join this course at their own as well as the engineers sponsored by Power utilities etc.

ABOUT THE COURSE: -The course is of 39 weeks duration and covers all aspects of Hydro Power Plant Engineering including O&M, Erection, Commissioning, Management, Distribution of Electricity & Tariff.

ELIGIBILITY: -BE/B.Tech or equivalent in Mechanical/Electrical/Electrical & Electronics/Power Engineering from a recognized College/University with minimum 60% marks for both Non-sponsored & sponsored candidates. Candidates under sponsored category have to provide sponsorship letter from its employer/sponsoring authority.

AGE LIMIT: -No age limit.

SELECTION PROCEDURE: -Merit basis (% of marks of qualifying Degree).

TOTAL SEATS: -60 (Sixty). Reservation for EWS/SC/ST/OBC/PWD etc. is applicable as per Govt. of India norms. 25% seats are reserved for candidates sponsored from the power utilities. Total No of seats may vary as per requirements. Vacant seats in sponsored category may be filled by non-sponsored category and vice-versa if required.

PLACEMENT: -This course is job oriented professional course and NPTI maintains close linkages with the Hydro Power Utilities and reputed hydro Power Companies for the placement. All PGDC Hydro students (2023-24) are placed in reputed companies. However, institute doesn't claim the guarantee of placement.

HOW TO APPLY: -

Prescribed application as per format (i.e. Annexure A, B & C) filled with relevant details along with the application fees Rs 500/- should be submitted

However, those who have applied earlier are exempted from application fees and they may appear directly for admission.

COURSE FEES :

(1) For Non-sponsored candidates: Rs. 1,75,000/- + GST as applicable to be paid in (03) three instalments

S. No.	Instalments	Course Fee	GST @18%	Total Fee
1	1 st Instalment to be paid at the time of admission	Rs. 20,000/-	3600/-	23,600/-
2	2 nd Instalment to be paid on or before 30 th Nov 2024	Rs. 80,000/-	14400/-	94400/-
3	3 rd Instalment to be paid on or before 31 st Jan 2025	Rs.75,000/-	13500/-	88500/-

(2) For sponsored candidates: -Rs. 236000/-to be paid in full at the time of counselling for confirmation of admission. There is no fee concession for any category of candidates.

TRANSPORTATION CHARGES & SECURITY DEPOSITS: Transportation charge Rs. 7080/- and security Rs. 5,000/-(Refundable) are to be deposited at the time of admission along with 1st instalment.

LODGING: Hostel facility (twin sharing basis) is available on first come first serve basis, subject to availability @ Rs. 2,500/- per month. Total amount for full tenure (Rs.22500/-) Plus GST as applicable to be deposited at the time of admission. Separate Hostel Facility for Boys and Girls.

NOTE:

The above fee is to be paid online through State Bank Collect only. Candidates are required to pay before applying as they need to fill the payment details in online application form.

Candidates can go to State Bank collect payment page by clicking on the link <https://www.onlinesbi.sbi/sbicollect/icollecthome.htm>. (Search for National Power Training Institute – Haryana and then Select Payment Category as “PGDC Application Fee”)

No application will be accepted without on-line payment.

BOARDING: Cooperative Mess facility is available for the students.

IMPORTANT DATES

1. Registration : To be announced
2. Date of Reporting & Commencement of course: **To be announced**

Note: All instructions/Notifications or any further information to the candidates regarding the course shall be displayed only on our websites www.npti.gov.in/npti_nangal or www.npti.gov.in.

All communications to be addressed to:

Dr. M. Ravichandra Babu, Director,
National Power Training Institute,
Hydro Power Training Centre,
Nangal, Rupnagar, Punjab-140124

For Any Information:

Contact No.: 01887-220573
Prog. Director- Sh. Saurabh Mahajan (9876036454)
Email: hptc_npti@rediffmail.com, saurabh.npti@gov.in

FIFTY YEARS OF SERVICE TO THE POWER SECTOR



ANNEXURE - "A"

APPLICATION FORM FOR PGDC IN HYDRO POWER PLANT ENGINEERING (2024-25)

Registration.

Sr. No./PGDC/24 _____

(For Official Use Only)

Name of the Candidate (in full & Capitals)						
Contact no						
Email						
Mother's Name						
Father's Name						
Date of Birth						
Gender	Female <input type="checkbox"/>	Male <input type="checkbox"/>	Other <input type="checkbox"/>			
Marital Status	Single <input type="checkbox"/>			Married <input type="checkbox"/>		
Nationality						
UID/Aadhar No						
Category	GEN <input type="checkbox"/>	EWS <input type="checkbox"/>	ST <input type="checkbox"/>	SC <input type="checkbox"/>	OBC <input type="checkbox"/>	PWD <input type="checkbox"/>
Address for communication (Give complete address in capitals clearly)						
Are you sponsored candidate						
Emergency contact details						

1. Educational Qualifications
(Starting from 10th class to Degree Onwards)

S. No.	Examination Passed	Branch /Subject	Year of passing	College/ Univ.	% Of Marks (Aggregate of all semester)

Note: -

- In case of CGPA please indicate equivalent % marks with proof of conversion formula.
- Attested photocopy of qualifying Degree a certificate, mark sheet and proof of Date of birth are to be sent along with application form.

2. Experience after Degree (if any)

Sl. No.	Designation	Period		Nature of duties
		From	To	

3. Sponsorship certificate for Sponsored candidates only, as per the annexure 'D'

4. Details of application fee: Transaction no _____ Amount Rs. _____ Date _____
Mode of Payment (Net banking/Wallet/Cards/others) _____

DECLARATION

The above furnished information is true to the best of my knowledge and in case anything found misleading or wrong my candidature is liable to be rejected without any notice.

Signed on this day _____ of _____ month _____ (Year)

Place:

Date:

Signature of Candidate
(Name in Full)

FOR OFFICE USE ONLY

Application No:

Certificate attached: Yes/No

Sponsored: Yes/No

Sponsorship Certificate: Attached /Not Attached





ANNEXURE- "B"

**CHECKLIST FOR DOCUMENTS TO BE ATTACHED ALONG WITH
(Attach attested copies of the documents)
(Please, Check the box)**

1	Online Payment Slip	
2	Matriculation certificate indicating date of birth	
3	HSSC Certificate	
4	Degree/ Final Mark Sheet- (Indicating Degree Percentage or Marks obtained for award of Degree)	
5	In case of CGPA/DGPA/SGPA/CPI/SPI/GPA(Degree)- Furnish a copy of conversion formula From Registrar or Controller of Examination Of the concerned university to calculate Degree Percentage	
6	Valid caste certificate (For SC/ST/OBC)	
7	For OBC candidates, Non-Creamy Layer certificate issued after 01/04/2023 in Central Govt. format	
8	For EWS candidates - Necessary certificate should be submitted	
8(a)	For PWD candidates- Valid Medical certificate	
9	Copy of Aadhaar Card	
10	Two passport size photos	
11	For Sponsored candidate-	
11(a)	Annexure 'C'	
11(b)	Attach Sponsorship letter & Annexure 'D'	

Signature: _____

Date:

Place:

Note:

- All details regarding Age/Degree Percentage/Caste/PWD must be supported by valid documentary proof.
- Incomplete application/application not in the given format will not be accepted.
- Change of Data/Information shall not be allowed later on, in any case.
- Application fee is non-refundable.
- Applications after due date will not be accepted.



ANNEXURE- "C"

Format for Submission of Undertaking / Declaration (On Rs.50/-Non-Judicial Stamp Paper) to be submitted by sponsored candidate for Post Graduate Diploma Course in Hydro Power Engineering at NPTI (HPTC) Nangal

I..... (Name of the candidate)

S/o _____ (father's name),

Resident of _____ (full permanent address)

working at _____ (Name of the company) as _____ (designation) having been sponsored by the aforesaid company for pursuing Post Graduate Diploma Course in Hydro Power Engineering at NPTI (HPTC), Nangal.

Hereby solemnly affirm, undertake and declare that:

1. The deponent is well aware and recognizes the benefit and sponsorship being accorded to him by his Employer Company mentioned above to pursue the course "Hydro Power Engineering" at NPTI (HPTC) Nangal.
2. That Deponent in recognition of above unconditionally undertakes that under no circumstances he / she shall volunteer or claim for campus recruitments conducted at the Institute.
3. The deponent shall be bound by the present undertaking without fail and the same is being tendered without any pressure or coercion from the Employer or NPTI Institute.

(Candidate's name & address)

In the presence of-

1. Witness
(Full name & Address)
2. Witness
(Full Name & Address)

Deponent



ANNEXURE- "D"

Format of Sponsorship Certificate

Date:

This is to certify that Mr./Ms. _____ Working in this organization _____ as _____ is sponsored by us. If he/ she is selected for admission in PGDC Hydro Power Plant Engineering course for the session 2023-24 he will be relived to attend course.

Signature of Employer

Name:

Designation:

Address:

Place: _____

Seal: _____

NATIONAL **POWER** TRAINING INSTITUTE

HYDRO POWER TRAINING CENTRE

For Online Application, Click the button above



How
to
Reach
US?



Click on the above map or scan the QR CODE to know more

Contact Us

Mr. Saurabh Mahajan (Asst. Director)
Program Director (PGDC Hydro)
E-mail: saurabh.npti@gov.in
Ph: 01887-220573| Mob: 9876036454