JINDAL INSTITUTE OF POWER TECHNOLOGY

(A Unit of Jindal Education and Welfare Society)

Approved by Central Electricity Authority (CEA), Ministry of Power, GOI

Information

Brochure

Shri Om Prakash Jindal

(7th August 1930 – 31st March 2005)
O. P. Jindal Group – Founder & Visionary

"Where others saw walls, he saw doors" – this is how Shri O. P. Jindal's vision has been expressed. He was a man of outstanding integrity and dynamism, who succeeded in every endeavor, a philanthropist and a true Indian, who channelized his energies into building a professional organization and a better India. His journey from a humble origin to becoming a successful industrialist, a politician and a leader, is a great source of inspiration for generations to come.

He laid special emphasis on development of young minds and establishing the highest value systems. His vision is index to his greatness.

Shri Naveen Jindal

Chairman
Jindal Steel & Power Ltd.

The workforce of any organization is the most important resource. Their skills and knowledge are the driving force of economic growth and social development in any country. The economy becomes more productive, innovative and competitive through the existence of skilled professionals. In the present era of liberalization, privatization and globalization, it is essential to equip the educated youth of our country with the right skills. JIPT endeavours to provide unique opportunities to professionals who are keen to succeed and have the vision to build their career in the Power Technology Sector.

O. P. Jindal Group

A US $ 18 billion conglomerate, the O. P. Jindal Group has emerged as one of India's most dynamic business groups over the past three decades. Founded in 1952 by Shri O. P. Jindal, the group is today a multi-national and multi-product steel conglomerate with business interests spanning across mining, power, industrial gases, port facilities and steel making. From mining iron ore and coal, the group produces sponge iron, ferro alloys and a wide array of hot and cold-rolled steel products ranging from HR coils/ sheets / plates, hot-rolled structural sections and rails to CR coils / sheets, high-grade pipes and value added items such as stainless steel, galvanized steel & coated pipes. It has not only diversified into power generation but also into petroleum, infrastructure, diamond and high value metals & mineral exploration. The group has manufacturing facilities across India, US, UK & Indonesia and marketing/representative offices across the globe.

Growth has been a way of life for the O. P. Jindal group and its motto all along has been 'Growth with a Social Conscience'. The group's strength lies in its individual companies with each one committed to consolidating its core strengths and excelling in its chosen field.

Jindal Institute of Power Technology

Jindal Institute of Power Technology (JIPT) is recognized by the Central Electricity Authority (CEA), Ministry of Power, Government of India, as a category-1 Institute, as per provisions of Sub Rule 2A of Rule 3 of Indian Electricity Rules 1956. It is promoted by the Jindal Education and Welfare Society and is a part of the O. P. Jindal Group. JIPT is located inside the 4x250 MW and 4x600 MW O P Jindal Super Thermal Power Plant in Tamnar, Raigarh, Chhattisgarh. The Institute aims to produce technically trained professionals for power utilities in India and abroad and prepares students to operate or undertake maintenance of power generating stations of 100 MW and above capacity.

Our Vision

"To be a World Class Power Training Institute for producing proficient power professionals"

Objectives

- To develop skilled manpower of world standards by imparting competency-based training.
- To cater to the training needs of power personnel of group owned power units.
- To conduct refresher training for experienced personnel.
- To make the trainees disciplined, creative, confident and self reliant in problem solving and develop their leadership and team work capabilities.

Course Overview

Today's changing industrial scenario is evolving into a globalization of economy where only a well-managed strong technical base can have the cutting edge over others. The Government of India plans to almost double the installed power generation capacity by the end of the 12th plan. Such an ambitious plan requires massive capacity addition in both public and private sectors with a corresponding requirement of trained power professionals. In this scenario, a clear supply-demand gap is seen with respect to skilled and competent manpower available for the power industry in the country. For bridging this gap, JIPT has planned to play a key role in promoting learning and growth through training interventions and development initiatives. The Institute is committed to continually enhance competence among the students and build new organizational capabilities.

Academics

POST GRADUATE PROGRAMME IN THERMAL POWER TECHNOLOGY (PGPTPT)

Eligibility :

A full time 4 year BE / B. Tech. Degree or equivalent from a recognized Institute in Mechanical / Electrical / Electronics / EEE / Control & Instrumentation Engineering with not less than 60% aggregate marks in B. Tech.
Age: Not more than 28 years as on July 01, of the academic session.
Total Number of Seats – 120

POST DIPLOMA PROGRAMME IN THERMAL POWER TECHNOLOGY (PDPTPT)

Eligibility :

A Full time 3 year Diploma from a recognized Institute in Mechanical / Electrical / Electronics / EEE / Control & Instrumentation with not less than 50% aggregate marks in Diploma.

Age: Not more than 28 years as on July 01, of the academic session.
Total Number of Seats – 60

Selection Process: Selection is based on Written Test and Personal Interview.

Internship Program

JIPT conduct various internship & project based program for the students of IIT / NIT / REC / All India Private College & Universities in the field of Thermal Power Plant Technology.

External Professional Training

JIPT imparts training to the executives, GET, Power Professionals, skilled & unskilled personnel and to various national multinational renowned companies.

Placements

Our students have been placed in the various companies in the field of Operation & Maintenance, Erection & Commissioning, Design, Testing, Simulation & Automation, Power Trading & Power Projects

Message from Director's Desk

Jindal Institute of Power Technology (JIPT) is a part of US$18 billion O P Jindal Group. The institute's uniqueness lies in the fact that it provides hands-on training to its students in the group own power plants.

Jindal Institute of Power Technology (JIPT) conducts training programmes on Power Plant Operation and Maintenance for Graduate Engineers and Power Plant Personnel of various Power Utilities. The institute aims to produce technically trained professionals for power utilities in India and abroad, and prepares trainees to operateor undertake maintenance of power generating stations of 100MW and above capacity.

The major advantage of the institute is that it is located within the premises of O.P. Jindal Super Thermal Power Plant, which allows the trainees to get regular exposure to the running power station of 4x250 MW & 4x600 MW. This facility, being unique for our institute, enhances the overall knowledge related to operation and maintenance of modern power plants.

The institute has state-of-the-art high fidelity dynamic full scope replica DCS (Distributed Control Systems) Simulators of 250 MW & 600 MW PF firing based and 135MW CFBC based units to train both fresh and experienced engineers and asses their skill imparted.

Jindal Institute of Power Technology has excellent infrastructure facilities such as fully air-conditioned classrooms, library, computer lab, practical lab, model-room and auditorium. It provides hostel accommodation inside the Institute's campus in fully furnished and air-conditioned rooms. The hostel has all amenities like mess, gymnasium, both indoor and outdoor gamed to make living comfortable for the trainees.

Jindal Institute of Power Technology (JIPT) offers One Year Post Graduate Programme in Thermal Power Technology for Graduate Engineers. In addition to this, the Institute also offer various training programmes on areas of Power Plant Operation and Maintenance including Simulator Training on 135 MW, 250 MW & 600 MW Units. All the programme are flexible and can be modified as per the actual requirement of Power Plant Personnel.

Jindal Institute of Power Technology (JIPT) is putting up best efforts to persuade the maximum number of companies from Power Sector to recruit its PG Program students and also to send their existing manpower for training on various aspects of Power Plant Operation and Maintenance including Simulators.

It is always better to follow the path of goodness to try to achieve the greatness they aspire for. There is no substitute of punctuality, sincerity, and hard work, which induce requisite knowledge, job specific skills and healthy attitude.

There is no scarcity of opportunities for the able people even in the crowd of billion masses, where one is required to develop the presentation skills to the extent of making others to understand about his/her knowledge, skills and attitude.

Dr. K.C. Yadav
Director - JIPT

Teaching Methodology

- Classroom lectures for imparting theoretical and technical knowledge
- Case Studies / Group Discussions / Experience Sharing / Panel Discussion
- Self learning through CBT Packages
- Exposure visits to other power plants
- Training in different technologies: 4x600 MW, 4x250 MW and 4x135 MW capacity Jindal Thermal Power Plant
- Simulator Training: JIPT has 250 MW, 600 MW Honeywell make full scope replica simulator. Beside this, 135 MW sets are also available.
- Practical Training: It is an essential supplement which provides the participants an understanding of the practical functions through involvement in real work situations.

Training Facility

Training Simulator

The Institute has state-of-the-art, high fidelity, dynamic, full scope replica Distributed Control Systems (DCS) Simulators of 250 MW & 600 MW PF firing based and 135 MW CFBC based units to train and asses both fresh and experienced Engineers.

Routine Plant start-up / shut-down, emergency situations tackling, engineering analysis and safety procedures are the salient features of the installed simulators.

Self Learning Laboratory

More than 45 Computer Based Training Packages on various power plant topics are available that impart a rich learning experience to users, along with fourteen SKF Self-Learning Tools which help in learning the Condition Monitoring of the rotating equipment of a Power Plant.

Miniature Engineering Models

JIPT has developed miniature power plant equipment models of Boiler, Turbo-Generator, Transformer etc. so as to show cut section views of these equipment, for a detailed understanding of their different components.

Practical Laboratories

a) Computer Lab: There are fully developed Computer Labs having 50 computers with latest software and networking & internet facility for the users.

b) Electrical and Control & Instrument Lab: There are a number of testing and calibration equipment for electrical systems, pressure, flow, level and temperature measurement for control systems.

c) Mechanical Workshop / Lab: There are different types of measuring instruments, tools and tackles for various mechanical equipment and their measurement / alignment etc.

Exposure to Power Plant

The Institute being located within the premises of O P Jindal Super Thermal Power Plant, the trainees get a regular exposure to the running power station of 4×250 MW and 4 x 600 MW. This facility being unique for any Institute, enhances the overall knowledge related to operation & maintenance of modern thermal power plants.

Infrastructure Facilities

Knowledge Centre

A fully air-conditioned Knowledge Centre has been established in the building having a seating capacity of more than 100 persons at a time. The Knowledge Centre is equipped with various Technical Manuals, Books, Handouts, Write ups on different topics related to Thermal Power Plants and allied subjects.

Classrooms

The Institute has fully air-conditioned classrooms equipped with latest audio and visual teaching aids.

Hostel

Hostel accommodation on twin sharing basis in fully furnished air conditioned rooms is available in the Institute Campus. Hostel has all amenities like mess, gym, indoor and outdoor games to make living comfortable for trainees.

Health Centre

A Health Centre exists within Plant premises for providing medical assistance to trainees as and when required. For specialized treatment whenever required, patients are referred to nearby fully equipped Fortis Jindal Hospital at Raigarh.

Auditorium

A fully air-conditioned auditorium with a seating capacity of over two hundred persons with all necessary facilities exists in the Institute for hosting important events.

Extra Curriculum Activities

National Seminar

JIPT organize National Seminar in which Power Professionals, Academicians, Researcher, Students, from prestigious organizations, Institutions and Professional bodies participate across the length and breadth of India.

1. National Conference on Recent Developments in Thermal Power Technology- 16-17 December, 2011.
2. National Symposium on CFBT Technology - Contemporary Scenario and Future Challenge-19-20 December, 2012.
3. National Seminar on Thermal Power Plant Performance Management-22-23 January, 2014.
4. National Seminar on Prospectus and Challenges of Electrical Power Industry In India-11-12 February, 2015.
5. National Seminar on Best Practices for Power Generation, Transmission and Distribution-06-07 January, 2016

Sports Activities

The Institution tries to involve the trainees by participating in various sports activities like Badminton, Volleyball, Cricket, Kabaddi, Caram, Chess.

Cultural Activities:

Cultural activities lead to the development of various soft skills and our Institution tries to develop such skills by making them participate in various cultural activities, Engineers Day, Teachers Day, Environment Day, Ganesh Chathurti, New Year event.

Modules for Post Graduate Program in Thermal Power Technology

Duration: One Year

Module Number	Module Name	Duration (Week/s)
1	Power Plant Introduction & Industrial Safety	1
2	Power Plant Familiarization	6
3	Power Plant Scheme Briefing & Tracing	2
4	Power Plant Operation	2
5	Rotation On-Job (Operation)	6
6	Power Plant Erection, Commissioning & Construction Management	2
7	Power Plant Performance, Efficiency and Monitoring	1
8	Power Plant Chemistry, Metallurgy, Non Destructive Testing & Welding	2
9	Gas Turbine & Combined Cycle Power Plant	1
10	Advanced Steam Generation - Super Critical & Fluidized Bed Combustion Technology	2
11	Business Communication and Personality Development	1
12	Power Plant Protection	1
13	Energy Conservation and Audit	1
14	Maintenance Planning and Cost Control	1
15	Nuclear Power Plant Familiarization	1
16	Renewable Energy & Hydro Plants	1
17	Maintenance Practice & Inspection	4
18	Design Analysis	1
19	Load Dispatch	1
20	Power Reforms and Regulations	1
21	Control & Instrumentation	2
22	IT in Power Sector & Gas Insulated Substations	2
23	Environment Management	2
24	Rotation On-Job (Maintenance)	3
25	Training & Visit to Manufacturers Works	2
26	Simulator Training	2
	Project Presentation, Final Examination and Viva	1

Training Programmes for Power Personnel

Institute offers training programmes on various areas of Power Plant Operation and Maintenance, which are flexible and can be modified as per actual requirement of Power Plant Personnel.

Sl. No.	Training Module	Duration
	Training of Graduate & Diploma Engineers to fulfill the Statutory Requirement	
1.	Induction Training for Fresh Graduate Engineer Trainees (GET)	52 Weeks
2.	Condensed Operation & Maintenance Training for Fresh GET	26/28/30 Weeks
	Modules to Develop Knowledge, Skill & AptitudeTowards TPP Equipment	
3.	Power Plant Familiarization (PPF)	8 to 3 Weeks
4.	Scheme Briefing &Tracing (ST)	3 to 1 Weeks
5.	Operation Training (OT)	2 to 1 Weeks
6.	Rotational On Job Training Operation (ROJO)	8 to 3 Weeks
7.	Operation & Maintenance of Boiler and its Auxiliaries	7 to 1 Weeks
8.	Operation & Maintenance of Turbine and its Auxiliaries	7 to 1 Weeks
9.	Operation & Maintenance of Generator and its Auxiliaries	7 to 1 Weeks
10.	Design, Selection, Layout, Installation, Commissioning, Testing, O & M of BOP	7 to 1 Weeks
11.	Power Plant Control & Instrumentation	6 to 1 Weeks
12.	Simulator Training either on 135 MW or on 250 MW or on 600 MW Unit (Sim T)	3/2/1 Weeks
13.	Maintenance Practices	6 to 3 Weeks
14.	Rotational On Job Training Maintenance (ROJM)	8 to 3 Weeks
	Need Based Customized Training	
15.	Specialized Operation Training for GET (7 PPF + 3 ST + 2 OT + 6 ROJ + 2 Simulator Training)	20 Weeks
16.	Specialized Operation Training for GET (6 PPF + 2 ST + 2 OT + 4 ROJ + 2 Simulator Training)	16 Weeks
17.	Specialized Operation Training for GET (4 PPF + 2 ST + 1 OT + 3 ROJ + 2 Simulator Training)	12 Weeks
18.	Specialized Operation Training for GET (3 PPF + 1 ST + 1 OT + 3 ROJ + 2 Simulator Training)	10 Weeks
19.	Specialized Operation Training for GET (4 PPF + 2 ST + 2 Simulator Training)	8 Weeks
20.	Efficiency Management & Performance Analysis	2 to 1 Weeks
21.	Applications of Thermodynamics in TPS	1 Week
22.	Condition Monitoring &Advance Maintenance Practices	1 Week
23.	Maintenance of Boiler Fans and Mills	1 Week
24.	Maintenance of Boiler Pressure Parts	1 Week
25.	Pump Maintenance	1 Week
26.	Boiler & Associated Control and Instrumentation	1 Week
27.	Electrical Protections	1 Week
28.	Switchgears - Erection, Commissioning, Operation, Maintenance & Safety	1 Week

Sl. No.	Training Module	Duration
29.	Transformer - Installation, Commissioning, Testing, Operation & Maintenance	1 Week
30.	HT / LT Motors - Erection, Commissioning, Operation & Maintenance	1 Week
31.	Operation & Maintenance of CHP, OHP and AHP	1 Week
32.	Operation & Maintenance of Valves and Dampers	1 Week
33.	ESP Operation and Maintenance	1 Week
34.	Operation & Maintenance of Mills, Feeder & Gear Boxes	1 Week
35.	Fossil Fuels, its Combustion and Combustion Equipment of Thermal Power Plants	1 Week
36.	Steam Turbine Governing & Control	1 Week
37.	Project Management (Power Project)	1 Week
38.	Commissioning of Thermal Power Plants	1 Week
39.	Power Business and Tariffs Regulation	1 Week
40.	Environment Management in Thermal Power Plants	1 Week
41.	Basic Metallurgy, Welding and NDT	1 Week
42.	Water Chemistry - Thermal Power Plants	1 Week
43.	Bearing Alignment & Vibration Analysis in Power Plants	1 Week
44.	An Overview of CFBC Boiler and its Auxiliaries	1 Week
45.	Maintenance Planning and Cost Control	1 Week
46.	Energy Conversion in Power Generation Processes	1 Week
47.	Optimization of Operating Parameters	1 Week
48.	Water Management in TPP	1 Week
49.	Customers' Chosen Topic	1 - 3 days

Power Plant Familiarization Course

To provide hands on training to familiarize the participants with the basics of a power plant, its various Sections, Functioning, Scheme Briefing and Tracing, Performance & Monitoring, Normal Start-up / Shutdown, Emergency Handling, Interlock Protection and Environmental Management. Importance of Control & Instrumentation is also stressed upon.

Basic Operation Course

To provide a comprehensive training on all facets of power plant operations to the participants and to provide hands on experience to operate control desk, cold and hot start-up, shut-down procedure and operation of unit injecting wide range of malfunction.

Refresher Course

To refresh knowledge and skills for efficient Operation and Maintenance of power plant and its equipment, Water Chemistry, Environment, Control Desk, Emergency Handling, Coal and Ash Handling Systems, Transient Operation, Malfunction Exercise, Efficiency Parameters, Performance and Efficiency Monitoring.

Modules for Post Diploma Program in Thermal Power Technology

Duration: One Year

Module Number	Module Name	Duration (Week/s)
1	Bridge Course for Electrical and Mechanical Engineers	2
2	General Power Plant Introduction & Industrial Safety	1
3	Power Plant Description	7
4	Power Plant Scheme Briefing & Tracing	3
5	Power Plant Operation	2
6	Rotation ON-JOB (Operation)	8
7	Power Plant Performance, Efficiency and Monitoring	2
8	Power Plant Chemistry and Environment Management	1
9	Power Plant Inter locks and Protection	1
10	Computer Appreciation	1
11	Business Communication and Personality Development	1
12	Control and Instrumentation	2
13	Advanced Steam Generation, Super critical & Fluidized Bed Combustion Technology	2
14	Maintenance Planning, Practice and Inspection	5
15	Rotation ON-JOB (Maintenance)	8
16	Power Plant Chemistry, Metallurgy, Non Destructive Testing & Welding	1
17	Training and Visit to Manufactures Works	2
18	Simulator Training	2
	Project Presentation, Final Examination and Viva	1

Placements

Jindal Institute of Power Technology in addition of giving training to the trainees is also involved in the placement activities for the last couple of years. Institute does not Guarantee 100% placements, however candidates completing the PG and PD courses have great chances of being absorbed in the Power Industry .Placement assistance in the form of campus interviews by various power utilities is provided by the institute.

Adhunik Power & Natural Resources Ltd.	Athena Chhattisgarh Power	Bajaj Energy	Bhushan Power & Steel Limited
Coastal Projects Ltd.	DB Power Limited DB Power Ltd.	Essar Power	Jindal India Thermal Power Ltd.
Jindal Power Ltd. (JPL)	Jindal Steel & Power Ltd.	SKS Ispat & Power Limited	Sokeo Power Pvt. Ltd.
Vedanta	Wartsila India Ltd.	JSW Energy	Rattan
Manikaran Power Ltd.	Mech-well Industries Ltd.	Power Mech Projects Ltd.	Simhapuri Energy Limited (SEL)
STEAG Energy Services (India) Pvt. Ltd.			

External Professional Training

- Abhijeet Power Limited
- ACB (India) Limited
- Alstom Power
- D.B. Power
- GVK Power & Infrastructure
- Jindal Steel & Power Limited
- Jindal Power Limited
- National Power Training Institute (Badarpur, Durgapur, Guwahati)
- RKM Powergen.
- STEAG Energy Services (India) Pvt. Ltd.

Faculty at JIPT

Name	Qualification	Experience
Dr. K. C. Yadav	B.E. (Mechanical), M. Tech. (Thermal Engineering), Ph. D.	Dr. Yadav holds over 34 years of academic & industry experience in organizations like NPTI, Lanco Power Ltd., Jindal Power Ltd., Reliance Power Ltd. and Adani Power Ltd. He has published numerous papers in various National & International Journals. Has presented many papers and co-authored NPTI books and simulator manuals. He has also designed and developed training curriculum for different training needs of power industry.
Mr. K. R. Mondal	B.E. (Mechanical), DIIT (Aero-thermodynamics)	Ex DGM, Durgapur Projects Ltd. Has more than 44 years of experience & which includes 32 years in power industry and 6 years in Hindustan Aeronautics Ltd. Has specialization in Machine Design, Erection and Commissioning & Maintenance of 250 MW thermal power plant. He was a member of Electricity Regulatory Cell of DPL & In charge of Fuel Supply Management & was instrumental for FSA with ECL, BCCL and MCL. Engaged as an Expert Faculty in imparting training on Turbine Technology, Metallurgy, Welding& Maintenance of Boiler & Turbine of Thermal Power Plant for last 6 years at JIPT.
Mr. S.K. Pal	FIE, Simulator Training Expert	Ex DGM, Bakreswar Thermal Power Project. Has more than 46 years of experience in modern power plant operation, commissioning and in 210 MW, 250 MW & 600 MW DCS based simulator training. He has been trained at Maryland, USA in delivering simulator training and is an expert in delivering simulator trainings.
Mr. A. K. Ghosh	MIE (Mechanical Engineering), Simulator Training Expert	Ex Senior Manager, NTPC. Has more than 44 years of experience in steel & power industry. He has undergone training under Central Electricity Generating Board (CEGB) in UK as Simulator Instructor. His expertise lies in C&I, Erection, O&M of 200 MW thermal power plant. He has also worked with NTPC Central Simulator Training Institute for 14 years and 6 years with JIPT as Simulator Instructor.

Mr. Purusottum Kumar	M. Tech. (Elec. & Inst.), PG Diploma in Thermal Power, B. E. (Elec. &Comm.)	Around 5 years of experience in teaching thermal power plant subjects. His expertise includes operation training on the simulator (135 MW-CFBC/250 MW & 600 MW- PFB), conducting rotational on-job training's and scheme tracing for power plant executives & trainee.
Mr. Ashif Ahmad	B. E. (Electrical), PG Diploma in Thermal Power	Over 4 Years of experience which include 2 years in Tunnel Project in Manipur under Coastal Projects Limited, Hyderabad & 2 years in various subjects of Thermal Power Plant.
Mr. Samirana Pati	B.E. (Mechanical), PG Diploma in Thermal Power	Over 7 years of experience in power plant training and project. His expertise on power plant subjects, involve in conducting on job rotational training, scheme tracing and trained the trainees of various maintenance activities in mechanical maintenance lab.
Mr. A. Ashok Rao	B.E. (Electrical) PG Diploma in Thermal Power	Around 3 years of experience in the field of Electrical Engineering, In which his experience as an Electrical Engineer in Quality & Inspection department,NHPC Limited under REC projects. Engaged as training officer, having expertise in operation training on the simulator (135 MW-CFBC /250 MW & 600 MW- PFB), conducting rotational on-job training's and scheme tracing for power plant executives & trainees at JIPT for past 2 years.
Mr. Hajari Prasad Rai	Diploma (Electrical Engineering) Post Diploma in Thermal Power	Around 6 years of experience in teaching Thermal Power Plant subjects. His expertise includes conducting Rotational on-job training, Scheme Tracing, Electrical and C&I Laboratory for Power Plant Trainees.

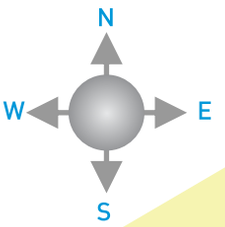
*The Institute is enriched with highly experienced engineers having expertise in field & academics. The Institute has got technical tie ups with reputed organization and institution in India to impart best experience sharing knowledge in field of power plant technology.

Guest Faculties

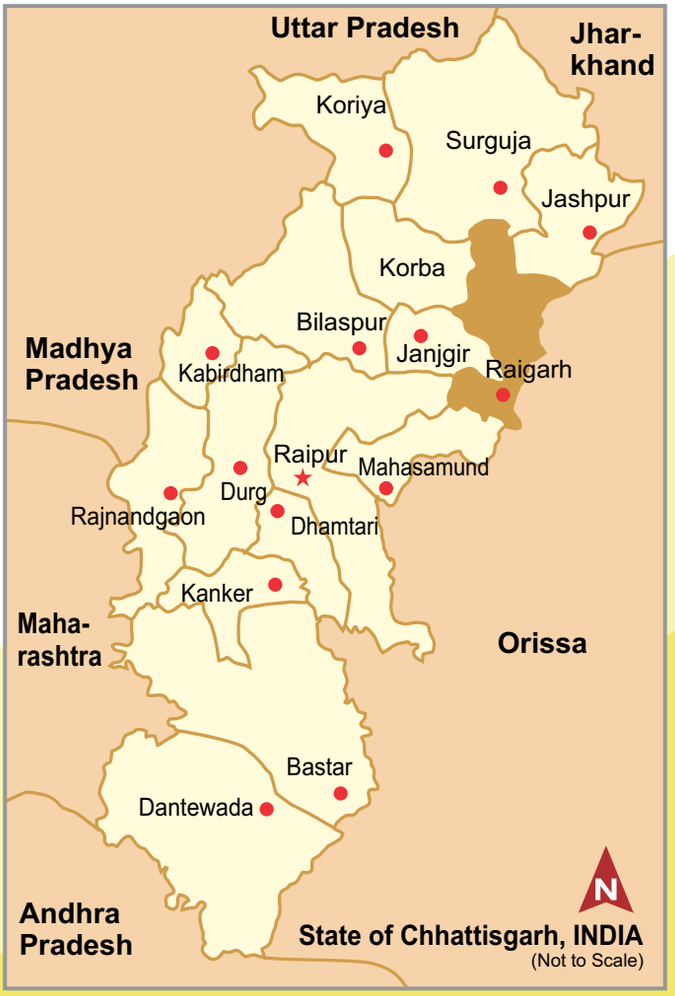
Name	Qualification	Experience	Expertise Area
Mr. Virendra Kumar Gupta	AMIE (Mech)	46 years	Mainly in Nuclear and Thermal Power Plants as training officer and field engineer, Mechanical Maintenance.
Mr. Deepak Das	M.B.A., B.Sc. (Chem)	37 years	Expertise in the field of Chemistry, Rtd. Deputy Director, NPTI, Durgapur
Mr. Purusottum Singh Thakur	B.E (Electrical & Instrumentation)	43 years	Expertise in the field of Instrumentation, Retd as Deputy Director, NPTI Nagpur
Mr. Soumitra Banerjee	M. Sc.	19 Years, 5 months	Applied Inorganic Chemistry (Chemical Process in Industries)
Mr. Kapil Dev Dubey	B.E. (Elec.) PG NPTI	18 years	EHT X - MERS, Electrical System, Protection, ESP, Battery, Generators
Mr. Aditya Sikarwar	B.E.	14 years	Mechanical Marketing from Government of MP
Mr. Santosh Kumar Pal	B.E.	12 years	Erection, Commissioning & Maintenance
Mr. Barun Jha	B.Sc.	12 years	Fire Safety
Mr. Sanjay Markan	B. Tech.	11. 5 years	Control & Inst. DCS, TG Instrumentation
Mr. Ajay Kumar Uikey	B.Tech.	10.5 years	Maintenance, overhauling, trouble shooting of LT, HT motors, switchgears, Transformers, MOV Actuators, EOT
Mr. Subir Biswas	B.E. Mechanical	10 years	Working as a unit control engineer of 4 x250MW BTG Operation
Mr. Rahul Pawha	M.Sc. Inorganic Chemistry	9 years	Pre-treatment & Post Treatment processes & equipment for DM Water
Mr. Vishal Laddha	B.Tech.	6.5 Years	Control & Inst. DCS, TG Instrumentation
Mr. Gaurav Gaur	B.Tech.	6.5 years	Generator & Auxiliaries, ESP (Electrostatic precipitator) EMS (Energy Management System)
Mrs. Poulami Ganguly	B. Tech.	6.5 years	SAP Plant production Module, EMS (Energy Management System)
Mr. Jay Prakash Yadav	B.Tech.	6.5 years	Electrical Equipments operation and maintenance (Switchyard)

Course Fee

- The tuition fee for one year Post Graduate Programme in Thermal Power Technology is INR 2,00,000/- (Rupees Two Lakhs Only).
- The tuition fee for one year Post Diploma Programme in Thermal Power Technology is INR 1,00,000/- (Rupees One Lakh Only).
- Hostel accommodation shall be provided on twin sharing basis in fully furnished air conditioned rooms.
- Hostel Fee shall be charged at the rate of INR 3000/- per month.
- Food Charges are on actual basis. The approximate amount per month is INR 3500/-.
- Transportation Charges for one year is INR 10,000/-.
- Caution Deposit of INR 10,000/- shall be deposited by the student. This will be refundable on completion of the course, subject to the student not having any monetary dues pending.
- Boarding, Lodging and Transportation charges will be borne by the participants on actual basis during outstation visits to other power utilities.



Location



The Institute is located within the O. P. Jindal Super Thermal Power Plant (4x250 MW & 4x600 MW) in Tamnar, Raigarh, Chhattisgarh.

The nearest Railway Station is Raigarh which is about 40 KM from the Institute. The nearest Airport is at Raipur which is about 300 KM from the Institute.

Raigarh is a City and a Municipal Corporation in Raigarh district in the Indian state of Chhattisgarh. It is the administrative headquarters of Raigarh district. Raigarh is also known for its coal reserves and power generation in the state as well as the country.

Raigarh is a station on the Tatanagar–Bilaspur section of Howrah-Nagpur-Mumbai line. It comes under Bilaspur railway division. Most of the express and superfast trains stop at Raigarh. It is well connected with major cities like New Delhi, Mumbai, Kolkata, Ahmedabad, Bhopal, Bhubaneswar, Nagpur, Patna, Pune, Raipur, Ranchi, Jaipur, etc., while for other destinations it has to depend upon Bilaspur railway station, which is a regional rail hub connected to every part of country and around 130 KM from Raigarh.

The Kelo river flows through the city, which is one of its main water sources.

The minimum - maximum temperature range is 29.5 - 49°C in summer and 8 - 25°C in winter.

The major languages spoken in the city are Chhattisgarhi, Hindi and Oriya.

Raigarh is rapidly growing as an industrial city of Chhattisgarh and is one of the major producers of Power and Steel in the country. Raigarh is also known as the cultural and industrial capital of Chhattisgarh.

Contact

Jindal Institute of Power Technology

O. P. Jindal Super Thermal Power Plant, Tamnar, Raigarh, Chhattisgarh – 496108

Phone: 07767 – 302454, 9301503625

E-mail : jipt@jindalpower.com, Website : www.jipt.org

JINDAL INSTITUTE OF POWER TECHNOLOGY

(A Unit of Jindal Education and Welfare Society)

O. P. Jindal Super Thermal Power Plant (4x250 MW & 4x600 MW)
Tamnar, Raigarh, Pincode: 496108 (Chhattisgarh)
Ph : 07767-302454, 09301-503-625
E mail : jipt@jindalpower.com; Website : www.jipt.org