**Prem Shankar**

Address: New Colony, Bettiah, Bihar.

Contact No: +91 9759700125 E-Mail: premshankar005@gmail.com

**Professional Profile**

**Post Graduate Diploma in Hydro Power Plant Engineering with Ten (10) Years of Experience in Electrical Design, Erection, testing, Commissioning, Operation & Maintenance of Hydro Power Projects.**

**Objective**

To work in an inspiring and challenging environment where I can apply my knowledge to various real time projects and contribute my worth towards a better future in industry.

**Experience**

**Working in GVK Alaknanda hydro power (330 MW)** plant as Sr. Engineer (Shift Incharge).

JOB PROFILE

* Operation & Maintenance of **330 MW Hydro power plant** including Generation forecasting and daily scheduling for optimizing the generation.
* Coordination with UPSLDC and NRLDC for smooth grid operation.
* Coordinate and implement routine maintenance work and Energy data Management.
* Maintenance of Hydro Generator, Generating transformer, U.C.B Panel, EBOP, and 400 KV Switchyard equipment ( PLCC ,CT, CVT , 400KV CB).
* Maintenance of electrical systems in power plant (electrical equipment’s like generator, transformers, relays, trouble shooting, HV & LV switchgears, DC system. EHV,MV, & LV Motors)
* Performing Electrical Maintenance (Preventive Maintenance, regular maintenance), and troubleshooting work (power hose equipment’s and 400KV Switchyard).
* Working as shift in charge and decision making for starting (Synchronizing) and stopping the units.
* Supervision of SCADA system (MAX DNA) of power house for control and monitoring.
* Coordination and meetings with internal and external project associates for handling plant effectively and efficiently to achieve maximum generation.
* Preparation of daily generation reports and billing documents.

**Worked for NSL POWER (Hydro power)**

JOB PROFILE

* Working in **NSL Power** as Asst. Manager (E)Handling Works related to erection, testing and commissioning of electromechanical items from embedment to commissioning of NSL Tidong Power(**3X50 MW)Hydro Electric Project**
* Quality control for electromechanical works for N.S.L TR-I, TR-II & Tidong hydro project.
* Erection, testing commissioning of Generators, E-BOP, GIS, Power Transformers.
* Handling Contract Management for Electro-mechanical Packages.
* Interfacing with Main Packages, drawing approvals and providing clarifications to OEM queries in line with project requirements.
* Follow up of electromechanical erection activities in accordance with contract.
* Preparation of contractual reply letters for Civil Contractors & E&M Contractors.
* Commissioned NSL TR-II(6 MW) Hydro Electric Project.
* Handling Troubleshooting works at running hydro electric project NSL Power.

**Worked for Jal Power Corporation Limited as Asst. Manager (E) From December 2011 to September-2014.**

COMPANY PROFILE

**Jal Power Corporation Ltd. is developing (120 MW H.E.P) Rangit -IV Hydro Power Project in Sikkim**.

JOB PROFILE

* Responsible for Erection, testing & commissioning of Turbine, generator & control protection package of 3 X40 MW Hydro Electric Project.
* Erection of Embedment’s, Draft Tube, Spiral Casing, Generator.
* Follow up of erection activities in accordance with the program of the works.
* Creation and management of E&M design and drawings archive on site.
* Shop inspections for electromechanical supplies.
* Follow up of electromechanical erection activities in accordance with contract.
* Follow up quality of erection and relevant documentation and procedures management.
* Responsible for Field installation, Erection, Loop checking and Pre-commissioning & commissioning of Francis turbine& E-BOP Package.
* Coordination interferences civil-electromechanical.

**Worked in Mecamidi HPP, G-21, Sector-63, Noida, U.P. as Engineer (Electrical Design, Erection and commissioning) from MAY 2010 to Nov. 2011.**

COMPANY PROFILE

Mecamidi HPP is a Joint Venture Company with Hydro Power Plant France–established in India on **EPC** basis for implementation of **Hydro Power Projects** in India & abroad.

JOB PROFILE

* Erection, testing and commissioning of Francis turbines at Rishiganga & Birahiganga hydro power project. (uttrakhand).
* Hands on experience in erection & commissioning of Hydro projects.
* Pre commissioning & commissioning of hydroelectric project.
* Erection, testing and commissioning of switchyard.
* Planning, Billing & contract Management for Erection of E&M at Site.
* Coordination with Head office during erection, testing and commissioning.
* Electrical design work in head office for hydro projects.
* Preparation of, **S.L.D, drawing schedule**, **Cable Schedules,** Cable Trench & Panel Layout of various hydro Projects at Head office.
* Preparation of Commissioning Report, Pre Commissioning Report.

**Education Details**

* **Post Graduate Diploma in Hydro Power Plant Engineering** fromNational Power Training Institute(**NPTI** Nangal, Punjab.)With90 %( **1st class with Distinction**).
* **B. Tech** in **Electrical & Electronics engineering** with 77.9 % (**1st class with Distinction**). Bharath University Chennai.
* Short Term course O&M Hydro from **IIT Roorkee.**
* 10+2 from Guru Nanak H.S School, (C.B.S.E Board) Ranchi.
* 10th from St. Xavier’s H.S School, (C.B.S.E Board) Bettiah.

**Personal Details**

Name : Prem Shankar

Date of birth : 12th August1986

Father’s Name : Mr.Binod Kumar Singh

Mother’s Name : Mrs. Sushila Devi

Nationality : Indian

Languages known : Hindi, English, Tamil, Nepali.

**Declaration**

I hereby declare that the information given by me is true and best of my knowledge and belief.

**Place: Srinagar,**

**(Uttrakhand)**.

**Date:**  23-02-2020(Prem Shankar)