

# CURRICULUM VITAE

## OBJECTIVE

Seeking a position to utilize my skills and abilities in Power Plant Industry that offer Professional growth while being resourceful, innovative and flexible.

## EDUCATION QUALIFICATION

**B.Tech in Mechanical Engineering** from Indian Institute of Management and Engineering, Nagpur University, Maharashtra with **77.00%** in Year **2017**.

**Diploma in Mechanical Engineering** from Govt. Polytechnic Collage, Jashpur Chhattisgarh Swami Vivekanand Technical University Bhilai (C.G.) with **60.71 %** in Year **2014**.

**Higher Secondary School (10th)** with **46%** in Year **2010** from S.S.M Higher Secondary School, Distt. Raigarh , Chhattisgarh Board Secondary Education, Raipur, (C.G.)

## PROJECT WORK

Study of Moveable Economical Furnace

## VOCATIONAL TRAINING

Vocational Training (**2 Weeks**) in MONNET ISPAT & ENERGY LIMITED (NAHARPALI), Raigarh (C.G.)

## COMPUTER PROFICIENCY

MS-Office, MS Word, Excel & Proficient in Personal Computer Use.

## WORK EXPERIENCE (TOTAL EXPERIENCE 9+ YEARS)

**Current Employee- Manpower Group Services India Pvt.Ltd (Under GE Power) at NUPPL Ghatampur(3\*660 MW), Distt.- Ghatampur, (U.P)**

**Designation- Commissioning Engineer (Operation Commissioning)**

**Duration- 10 Aug2021 To Till Date.**

**Reponsibilities- Commissioning & Operation (Field & DCS) of Supercritical Steam Turbine & It's Auxiliaries.**

**Previous Employee- General Engineering Company (Under GE Power) at NTPC Tanda, (2\*660 MW), Distt.- Ambedkar Nagar, (U.P)**

**Designation- DCS Engineer (Operation)**

**Duration- 01 Dec 2019. To 08 Aug 2021**

**Reponsibilities- Commissioning & Operation (Field & DCS) of Supercritical Steam Turbine & It's Auxiliaries.**

**Previous Employee- BACS Energy Private Limited. (Under GE Power) at NTPC Tanda, (2\*660 MW), Distt.- Ambedkar Nagar, (U.P)**

**Designation- DCS Engineer (Operation)**

**DEEPAK PATEL**

**S/O-Mr.RAMKIRTAN  
PATEL**

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**Permanent Address :**

- Mr.R.B.Shukla

Malipara

Boirdadar Raigarh (C.G),

Pin No-496001

**Personal Details : -**

DOB : 01 Jan 1995

Blood Group : O+

Sex : Male

Marital Status : Single

Nationality : Indian

Languages : Hindi &

English

**Duration-** 09 Feb. 2019 To 30 Nov 2019.

**Reponsibilities-** Commissioning & Operation (Feild & DCS) of Supercritical Steam Turbine & It's Auxiliaries.

**Previous Employee-** BACS Hi Tech Engineering (Under L&T Power) at Shinghaji Thermal Power Project Khandwa (M.P.) (2\*660 MW), Distt.- Khandwa (M. P.)

**Designation-** Field Engineer (Operation)

**Duration-** 17 Jan. 2018 To 01 Feb. 2019

**Reponsibilities-** Commissioning & Operation (Feild & DCS) of Supercritical Steam Turbine & It's Auxiliaries.

**Previous Employee-** BNK Power Private Limited (Under ABG Cement Limited) at Naliya Kutch, Gujarat

**Designation-** DCS & Field Engineer (Operation)

**Duration-** 04 Dec. 2016 To 28 Dec. 2017

**Reponsibilities-** Operation (Field & DCS) of CFBC Boiler (2x154 TPH) & Steam Turbine (2x25 MW)

**Previous Employee-** Shree Shayam Ispat Privat limited, Raigarh (Under O & M Ensol Power Private Limited)

**Designation-** DCS & Field Engineer (Operation)

**Duration-** 05 March. 2015 To 30 Nov. 2016

**Reponsibilities-** Operation (Field & DCS) of Steam Turbine (1x17 MW)

**Previous Employee-** Nav Durga Fuel Private Limited , Saraipali, Raigarh (C.G.)

**Designation-** Field Operator (Boiler & Turbine)

**Duration-** 06 Aug. 2013 To 03 March 2015

**Reponsibilities-** Operation (Field) (1x8 MW & 1x4 MW)

## **ROLE & RESPONSIBILITIES**

### **COMMISSIONING COMPETENCIES-**

Involve planning, supervision , monitoring & observation of various pre-commissioning & commissioning activies of supercritical steam turbine & it's auxiliaries such as

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- \* Oil Flushing- Air Blowing & Card Board Blasting of Lube Oil Flushing through different steps and normalization, Turbine Lube oil Flushing, Turbine Control oil System, Seal oil System, LP & HP By Pass System MDBFP Lube oil System, TDBFP Lube oil System,
- \* Chemical Cleaning- Chemical Cleaning Pre-Boiler System and other Pipeline loops
- \* Flushing- CCCW Circuit Flushing, ACW Circuit Flushing, Generator Stator Coil Cooling Water Flushing,
- \* Cold & Hot Clean Up- Initial Cleaning of pre-boiler system during first start up of plant
- \* Steam Blowing- Steam Blowing of MS, HRH, CRH, HP & LP By Pass, IP Extraction, Gland Steam Pipes, HP & LP Auxilary PRDS, and Various Pipe loops.
- \* Condenser Flood test, CW Water Box Charging,
- \* Generator Air Tighting Test, Co2 & H2 Gas System Charging and Normalization
- \* Prepare No-Load & Load trial run of various equipment such as , ACW , CCCW, Pump, CEP, MDBFP & TDBFPs, Lube Oil System of Turbine, Control Oil System, HP & LP By Pass System, Seal Oil System, SSCW & Vaccum pumps etc.

*\* Taking responsibility of Field & DCS operation during commissioning, synchronisation, COD & trial operation of plants.*

*\* Follow all safety rules & regulation during work at site, commissioning & operation .*

***OPERATION -***

*\* Take Field & DCS responsibility during commissioning, operation and trial operation of plants.*

*\* Monitoring, observation and maintain optimum parameters during commissioning and operation face of plant.*

*\* Handling emergency situation during blackout.*

***INSTRUMENTATION -***

*\* Cold & Hot loops checking from Field to DCS panel.*

*\* Commissioning of Pressure transmitter, Temperature transmitter, RTD, thermocouple, level switch and transmitter etc.*

*\* MOVs & Control valve Commissioning*

***DOCUMENTATION -***

*\* Review of plant PFD, P&ID, Isometric Drawings, HMDs, Equipment Data Sheet, wiring diagram etc.*

*\* Maintain Field & DCS log sheet during commissioning and operation face .*

*\* Maintain safety check point and log sheet during commissioning & operation face.*

***DECLARATION***

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*I hereby declare that the information furnished above is true to best of my knowledge.*

***PLACE - Ghatampur (U.P.)***

***DATE -***

***Signature***

***MR. DEEPAK KUMAR PATEL***