

**Raman Kumar**  
**Instrumentation Engineer**  
**Vill. - Mathlohiyar**  
**P.O - Mathlohiyar Motihari District,**  
**Bihar, India – 845422.**

## *Curriculum Vitae*



---

**Mob. +91 8210936911**  
**Passport no.- R2453325**  
**Email: Ramankumar1994@outlook.com**

### **Career Objective**

I am looking for a good position in the field of instruments and automation in a prestigious company where previous skills and capabilities can be put to efficient use. I possess effective organizational skills and the ability to supervise a team and develop the final output.

### **Personal Details**

Profile: Male, 24, Single, Indian, Hindu  
DOB: 15/02/1994  
Current Position: Project Engineer  
Current Location: Bathinda (PUNJAB), India.

### **Summary of Skills:**

- About 4 years of experience as an instrumentation and control systems engineer in detailed erection , maintenance, commissioning and development co-ordination of instruments and control systems in Power Plant and Process plant.
- Commissioning of OVATION DCS( ovation version-3.5.1) of 12 MW WHRB plant.
- Fault troubleshooting of YOKOGAWA,HONEYWELL,EMERSON(OVATION),ABB from field instruments to workstation.
- Troubleshooting of ABB,DANFOSS,SCHNEIDER VFD'S.
- Configuring and faults diagnosis of DCS, PLC, SCADA, RTU, Profibus Communication, Analyzers and Control Loops.
- Installation, calibration and Hot and Cold loop checking of the field instruments.
- Maintenance and calibration of the control valves ( MILL CONTROLS,FORBES MARSHALL,FISHER,MAZDA)
- Designing, Implementing and Commissioning of new control loops as per site requirements.
- Review of control philosophy, P&I diagrams, cause & effect diagrams, instruments list, flow chart.
- Technical Support for the instrumentation team.
- Experienced in the field instruments and control systems procurement activities.
- Spares balance investigation and inventory control for all instruments spare parts
- Having knowledge of Basic Electrical also.
- Having knowledge of BOILER, TURBINE interlocking, its open loop, closed loop and BOP.

- Having skills of assigning parameters, alarm values, graphics modification and database changing, and report generation in HONEYWELL and OVATION dcs (version 3.5.1)

### **Educational Qualifications:**

2016..... Bachelor of Instrumentation & Control Engineering, R.T.U with 73 % aggregate. Kota, India.

2012..... Higher Secondary Course, BSEB PATNA with 71 %..... India.

2010..... Secondary School Course, BSEB PATNA with 72 %..... India.

### **Organizational Experience**

**Organization:** Cethar Energy Ltd. M/S – Apollo Tyres Ltd.

**Duration:** June 2016 till December 2016

**Designation:** GET

**Project Description:** Calibration of instruments, Commissioning & Erection of Process Instruments.  
Understanding the working principle of instruments. Commissioning and Erection  
Of Ash Handling System of MECCGALE PNEUMATICS, OSM engineering.

**Organization:** Cethar Energy Ltd. M/S – Emami Cement Ltd.

**Duration:** Jan 2017 to June 2018

**Designation:** Instrumentation Engineer.

**Project Description:** Calibration of instruments, Commissioning & Erection of Process Instruments.  
Understanding the working principle of instruments.  
Commissioning and Erection of OVATION DCS ( version 3.5.1) of 12MW WHRB.

**Organization:** SEL manufacturing co. LTD.

**Duration:** June 2018 to July 2019

**Designation:** Shift Officer cum Instrumentation engineer.

**Organization:** IB AUTOMATION ENGG. PROJECTS PVT. LTD..

**Duration:** Aug 2019 to till now.

**Designation:** Project engineer.

**Achievements:** Completed BS-VI project of IOCL(PANIPAT)  
Running Petrochemical project of HMEL (BATHINDA)

### **Responsibilities:**

- Leading a team of four instrument Technicians Assistants.
- Reporting periodically to Maintenance Manager and Department HOD; preparing Monthly, PM reports.
- Planning required up-gradation for instruments to achieve production quality and cost minimizing.
- Maintenance and calibration of electro pneumatic control valves (Mill Controls, Fisher, Forbes Marshal )
- Maintenance and calibration of different analyzers : Conductivity, Silica, PH, TDS ( Working of SWAS PANEL of Forbes Marshall )
- Maintenance and calibration of flowmeters of ABB, Rosemount, Metern
- Maintenance and calibration of transmitters PT, LT, TT, DPT (Emerson Rosemount, ABB )
- Working on Bently Nevada, Schinkava VMS systems.
- Ensure Spares balance and inventory control for all instruments spare parts
- Maintenance and calibration of switches PS, DPS (Emerson Rosemount, ABB)

- Solving Technical and breakdown issue of any type of instruments in BOILER,TURBINE,WTP side.

\*\*\*\*\*

## **Training**

- Attended 6 month PLC, SCADA,DCS coaching from Jaipur RAJASTHAN. Jan 2016 to June 2016.
- Attended 2 months training from RS POWER SYSTEM Jaipur. Here I learnt the basics of Electronics. This company manufactures the UPS, INVERTER, BATTERY CHARGER etc.

## **PROJECT**

### **Parabolic solar concentrator.**

**Principle of working:-** It works on the principle of renewable source of energy. Here solar energy converted into thermal energy by parabolic solar concentrator.

## **IT Skills**

- Programs : Office Tools,excel, powerpoint.
- PLC Programming : Understanding of Ladder Diagram
- DCS : FBD, assigns alarms, database, graphics,loops etc.

## **Languages**

English: read, write & speak.  
Hindi: Fluent; read, write & speak.

### **Declaration**

I hereby declare that all information stated above are true to the best of my knowledge.

Bathinda  
29-06-2020

Raman kumar

(Last Updated on june 2020)

