

# **CURRICULUM VITAE**

**Swaroop Tej Garikimukkala,**

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## **Career Objective**

A competent instrumentation and control engineer with 10 years of experience in erection, commissioning and calibration in the field of Thermal power plants, Pharma industries And now in broadcasting. iam looking for challenging assignments where i can contribute my knowledge and skills for the growth of organization, team, self and get an opportunity for better learning.

Looking forward for an Organization that offers a technically intense role which makes use of my diverse field expertise and technical depth as well as helps me learn and apply new technologies.

## **Skill Set**

- Installation and Commissioning of non-contact/contact probes for vibration based condition-monitoring system.
- Calibration & Erection of parameters field instruments.
- Project handling (Control Liasoning, Managing workers)
- Power plant Erection & Commissioning (Boiler/TSI Auxiliaries)
- Working knowledge of Emerson DCS (Operations/Deployment)

## Educational Qualification

- Completed SSC in 2007.
- Completed Diploma Applied Electronic Instrumentation in 2010

## Career Profile

- Working as **ENGINEER & CALIBRATION IN CHARGE** for **PHOTON INSTRUMENTS** from Aug-2013 to Till date.

**Projects Working at :Dr.Reddy's Labs,Hetero,Aurobindo,Granules,Etc**

- Worked as **ENGINEER** for **TELECON SYSTEMS**,in Paradeep from Dec- 2012 to feb-2013

**Project Worked on : IOCL**

**CLIENT: FERNAS**

- Worked as **ENGINEER** for **KARUNA ENTERPRISES**,in bilaspur from Aug-2010 to November, 2012

**Project Worked On : 3x660MW thermal power plant (NTPC)**

**CLIENT: PMIL (Power Machines India Limited)**

## Summary of Work Experience:

- Have knowledge in Generator's Erection up to 72kva
- Having knowledge in material handling systems- Electrical & instrumentation projects.
- Having knowledge in proposals like estimating the total electrical system price for project.
- Manage and co-ordinate the team of Erection and commissioning of Power Plant.
- Having knowledge in site engineering on electrical.
- Have knowledge in Generator's maintaince up to 72 kva.
- Worked & managed in Termination & cable laying Dept of Electrical.
- Maintaining Schedule Maintenance documents and release modify control drawings. Breakdown analysis and Preparation of Fault history data.
- Trouble shooting, Calibration and Modification of Field Instruments.

## **Job Profile:**

### **Engineering:**

- Hands on experience with Power Plant DCS, Troubleshooting, Networking and hardware (EMERSON OVATION).
- Configuring OVATION module channels and troubleshooting the same.
- Hands on experience in controlling the field instruments through HMI.

### **Installation and commissioning:**

- Erection of instruments for Boiler and turbine Auxiliaries (FD fan, PA fan, ID fans, thermocouples, TSI) through DDCMIS.
- Manpower handling and Project Commissioning.
- Installation and Commissioning of **Bently Nevada** Vibration Monitoring System.
- Erection of parameter field instruments

### **Instrument Engineer:**

- Having Knowledge in calibration of instruments.
- Involved in JB erection of Electrical and tray work.
- Copper & SI tubing for field instruments.
- Having knowledge in Cable laying and Termination of field and prefab cables.
- Preparation design documentation Block diagrams, Termination diagrams, Schematics, loop diagrams, Functional Logic diagrams, Instrument layouts, P&ID and hook up diagrams.
- Calibration & maintenance of Pressure, Level, differential pressure gauges & transmitters, Flow, Temp & Humidity transmitters. (Make: Yokogawa, ABB, Rose mount, Rotronic, Graystone, Dwyer, Radix).
- Erection, commissioning and trouble shooting of RTD and Thermocouple. Installation & commissioning of Generator Instrumentation including Exciter System (Make: Electrosila) through DDCMIS.

### **Commercial Activities:**

- Preparing bill for Erection items for (as per work order), supply material and man power.
- All billing activities related to termination and commissioning of all cables (as per work order)

### **Additional Expertise:**

- Installation of networking & IP equipments (CAM, Switch, TX, EDFA 1510&1310, etc)
- Testing of Signal and making the signal quality to be excellent.
- Testing of signal in RF Power meters & optical power meters and setting the signal in range which is required.
- Splicing of Optical Fiber Cable

**MY STRENGTHS:**

- Confident, Enthusiastic, Dedicated and a Team Player. Good sense of humor and have a Positive Attitude.
- Can extend work hours whenever required to deliver the work.

**Extra Interests:**

- House Wiring as needed to the customer done Upto 4 Floors With 3 Phase Electricity.
- Plumbing Work for House as needed to customers done upto 4 Floors.

**My Hobbies:**

- Playing Cricket,badminton.
- Watching Tv(News,Sports,Action Movies)

**PERSONAL INFORMATION:**

Name	SwaroopTej Garikimukkala
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**(G. SwaroopTej)**