**CURRICULUM VITAE**

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**Career Outlook**

* Dynamic professional with over 11 yearsof experience in process instrumentation project Installation Commissioning, Operations & Maintenance.
* Familiar with all kinds of process instrument calibrations, like temperature, pressure, level, flow, PH etc.
* Exposure in handling site operations and accountable for quality service & timely completion of projects.
* Proficiency in managing design reviews, maintenance (preventive, predictive & systematic) strategies, procedures & methods; diagnosing breakdown problems/controlling maintenance costs.
* An effective communicator with excellent relationship management skills and strong analytical, leadership, decision-making, problem solving & organizational abilities.

**Educational Qualifications**

* Bachelor Degree in Electronics and Telecommunication from Akula Sriramulu Institute of Engineering and Technology, JNTU Hyderabad

**Work Experience**

**Accountabilities:**

Sep 2010 to Nov 2011 SBQ Steel Plant ,Gudur(Nellore dist) Andhra Pradesh,GET in EIA Department

Dec 2011 to Jan 2016 Vishnu Chemical Limited,Vishakapatnam (Vishakapatnam dist) Andhra Pradesh, Worked has a Senior Engineer in Instrumentation Department

Jan 2016 to till date (Geethanjali Groups) Taanj(CIML) Quartz Grinding Unit And Engineering Stones Limited, Udaipur(Rajasthan) working has a Manager-Electrical instrumentation &Automation Department

* Leads a group of technicians for various daily maintenance activities like preventive maintenance of instruments
* Instrument calibrations and parameter setting using Rosemount HART communicator – 375,475
* Instrument fix up, cabling erection and commissioning activities according to P&ID and instrument cable layouts
* Troubleshooting of process instruments and control wirings
* Troubleshooting and maintenance of Pneumatic air packers and powder conveyor systems
* Installation, commissioning and maintenance of pyrometers for high range temperature measurements in rotary kiln
* Installation, commissioning and maintenance of Kiln thrust roller Hydraulic systems
* Commissioning, Alignment and maintenance of Scheck, Ipa, Precia molen make weigh feeder, solid flow feeder and belt weigh systems
* Maintenance and troubleshooting of Ball mill temperature scanners, electronic ear.
* Positioning and maintenance of Damper actuators, butterfly valves.
* Maintenance and troubleshooting of I-P converters (Foxboro, YKC).
* Maintenance and troubleshooting of control valve positioners (Fishermount, YKC).
* Trouble shooting of PLC/Instruments related problems and implementation of longterm solutions to achieve better equipment utilization and low break down times.
* Online Instrument calibrations using AMS Device manager.
* Installation and commissioning of ESP(Static and Rotating Plates Type),Bag filters
* Installation and commissioning of Magnetic circulation and Seperation units .
* Installation Sorting Machines(Analogue Electronics co.limited,Timing,Tomaro Sytems)

**Training attended**

* Emerson DCS delta V explorer in the year 2011
* Siemens DCS PCS-7 training in the year 2016

**Core Competencies**

**Project Coordination**

* Overseeing the activities involving working out various requirements & monitoring overall project operations for ensuring timely completion.
* Executing cost saving techniques / measures and modifications to achieve substantial reduction in O&M expenditures and work within the budget.

**Installation & Commissioning**

* Anchoring erection & commissioning of equipments and ensuring completion of project in minimum turnaround time effective resource utilisation to maximize the output.
* Overseeing installation & commissioning as well as conducting tests & inspections to ensure operational effectiveness of utilities.
* Commissioning and Handling of Main Control Panels having Schneider Electric & Siemens PLC-(300 & 1200 series) and Communication network components (Optical bus terminal, Optical link module, DP-DP coupler, CAN DP) Interfaces (RS- 232/RS- 485).
* Identifying areas of obstruction / breakdowns and take steps to rectify the equipment’s through application of trouble shooting tools and Editing/Correction through Step-7 SIMATIC manager, and spare components at Silos,Mixer,Press and Demolding area.
* Commissioning and Handling of AC and DC drives (Siemens- Simodrive 611, Sinumeric & Sinamics S120) and B&R , Mitsubishi (E,Q Series), YASKAWA and different field equipment’s (HMI, encoders, photoelectric,diffuse sensors, temperature & pressure elements )etc.
* Handling peak in 33kv substation installation and Erection during Plant Extenction, Power cable laying, Troubleshooting in VCB, HT panel, upgrading the SDB and, LT Panel’s as per requirement.
* Rebooting program’s and resetting of NC/PLC function & series start up’s in Drives of CNC, Servo systemlike machines by communicating with Breton “FABSHOP service’s & Compound stone service’s through PG & HMI online.
* Innovating and Implementing to develop New In-House Manufacture Machines and Modifying the Faulty machineries and checkpoints to reduce maximum breakdowns.

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* Preparation and laying of power cable, Control & Communication cable’s (fiber optics, Ethernet & Profibus) as per required schedule from Panels to field Instruments & Implementation of control connections using relay logics.
* HMI Application correction and Modification using GT Designer 3,wincc softwares.
* Analysis & Review with the Breton and China engineer’s for cable interconnection diagram of AC/DC drives & Interfacing of field instruments with PLC**.**
* Handle preliminary drawing, SLD, technical specification and data sheets.
* Undertake problem solving and troubleshooting skills as part of normal commissioning duties.
* Installation and commission Sortors Machines capacity:17tph,15 tph,5tph( Make: Analogue Electronics co ltd,Timing,Tomaro machines)

**Operations & Maintenance**

* Overseeing execution of preventive maintenance of machine, including schedules / shutdown maintenance to ensure trouble free and seamless operations.
* Handling preventive & break down shutdown maintenance work for all automation system.
* Preparing various project reports for identifying areas of obstruction / defects, conducting troubleshooting, service and repair to rectify the equipment.

**Team Management**

* Leading, mentoring & monitoring the performance of team members to ensure efficiency in process operations and meeting of project targets.
* Creating and sustaining a dynamic environment that fosters development opportunities and motivates high performance amongst team members.

**Technical: Field instruments**

* Flow Transmitters, Radar & Ultra Sonic Type Level Transmitters (Emerson).
* Mass flow Transmitters, pH & ORP Transmitters (E&H) PH (Yokoagawa).
* Anubar Type Air Flow Transmitters, Density Transmitters (Emerson).
* Magnetic flow Transmitters, conductivity Transmitters.
* Control valves (Fisher), On/Off (Rotex) Valves.
* Solids flow feeder (SCHENK) & Belt Weigh Feeders (IPA, Precia Molen), Motorized Dampers.
* Chronos Richardson’s & JaisonAir Packer machines and Palletizer.
* Mecawber’s and Keda Pneumatic Conveying System.
* Rose mountflue gas analyzers(Co, Co2, O2).
* Ingersoll Rand,Kaser compressors.
* Vega vibrating fork level switches SWING 61, SWING 63.
* Yokogawa pressure transmitters EJX210A, EJX530A.
* Yokogawa Magnetic flow meters.
* Yokogawa Mass flow meters.
* Mettler Toledo TDL sensor.
* Mettler Toledo inpro6510i oxygen sensor.
* Masoneilan, Samson, Baton, Fishermount, Mascut make control valves.
* Kirloskar, Powerica ,Mahindra make chillers.

**Technical: Electrical Equipments**

* Erection and Commission of 11kv,33kv in-door and out-door substations
* Transformers commission and testing
* HT motors and LRS ,resistance box commission and testing
* RTCC panel CRP panel commission and errecion
* Setting of protection devices like(earth fault and over current setting(make: alstom and c&s) ,VCB,ACB settings and mechanical lock maintenance
* Modification of trouble shooting of panel internal wiring
* SLD preparation of lighting and power points
* Maintain the diesel generators, air compressors(ATLAS COPCO,INGERSOL RAND,KASER:MAKE)
* Maintenance of batteries and battery chargers and Solar Panels maintenance and Solar Lighting poles maintenance
* EOT cranes power handling machines
* Wiring and commission and Parameter’s of VFD’S(ABB 550,560,800,850,MITSUBISHI ER 700,A800,D400,SIEMENS G120,S120,SINAMIC V20,TOSHIBA AS1,V15) AND SOFTSTARTERS(SEMIENS,YASKAWA,SCHNIDERELECTRIC,ABB,MITSUBISHI),START DELTA,DOL

PLC's : Siemens(S7-300,1200,1500) ,Mitshibushi(Q series),

DCS : Emerson Delta V, Siemens PCS-7

**Personal Dossier**

**Date of Birth** : 16-08-1987

**Permanent Address** : S/O B. Apparo,

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**Linguistic Ability** : English, Telugu, Hindi

**Marital** **Status** : Married