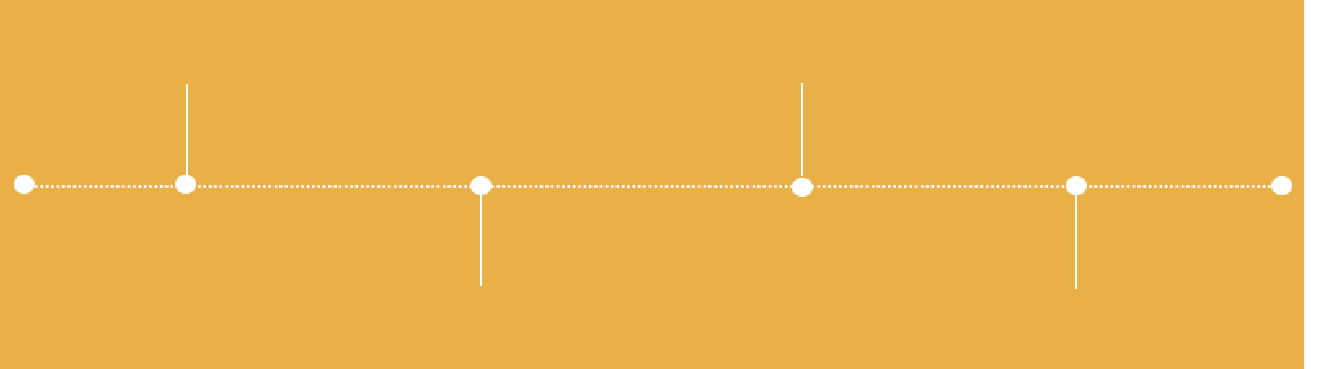
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| --- | --- | --- |
| [srinivas.263@gmail.com](mailto:srinivas.263@gmail.com) +91 9550777358/ +249 964763650  Padarti Sireesha Aditya  **ELECTRICAL OPERATIONS & MAINTENANCE**  Expertise in Planning, Execution, Testing-Commissioning and Operation-Maintenance of Electrical Systems in Power industry.  Career Timeline  **2009 to 2011 2013 to 2015**  Vasavi Power Jayashree  Services Pvt. Ltd. as Electromech Pvt.  Trainee Engineer Ltd. as Testing &  Commissioning Engineer  **2011 to 2013 2015 till date**  Vasavi Power Sudanese Thermal  Services Pvt. Ltd. as Power Generating  Testing Engineer Company as Sr.  Engineer Electrical | | |
|  | | |
| Key Impact Areas  Operations & Maintenance Execution & Commissioning Client Relationship Management | Testing Management Planning | Key Skills  Innovator  Communicator |
| Liaison & Coordination |  |
|  |  |
| Documentation Project Execution | |  |
|  |  | Collaborator |
| Relay Testing People Management | | Intuitive |
|  |  |  |
|  |  |
| Executive Profile Education & Credentials  Electrical Commissioning & Maintenance specialist with 4.0  years of experience. Skilled at Testing & Commissioning of B.Tech. (Electrical & Electronics Power Transformers, HT/LT Switchgear and Switchyard Engineering) from Jawaharlal Nehru  equipment’s and Numerical Relay testing. Hands-on Technological University, Hyderabad in experience in Maintenance activities of all Electrical 2009  Equipment’s in Thermal Power plants & Switchyards.  Monitored project activities & coordinating with various Technical Skills  agencies to maintain targeted schedules. Prepared  schedules for preventive maintenance, checklists for daily,  weekly or monthly checks for equipment as per IEC and IEEE standards  requirement. Fore fronted performance bottlenecks and Circuit Breaker Analyzer- Scope Make, CT Analyzer- took corrective measures to avoid the same; ensured Megger make  effective site management and discipline to ensure safe Transformer Testing Kits-TTR, DC winding Resistance,  execution of the projects. Administered erection, testing and SFRA, Vector Group of Megger & Scope Make commissioning of equipment and providing utility services Omicron-Test universe CMC256, CMC156, Ponova- to equipment. Analyzed maintenance issues & providing Power Test Software, Freja 300, Sverker 760 and technical support ensuring performance. Exposure in field Sverker 900  instruments like RTD, thermocouples, transmitters/ S1 Agile/ Studio-Micom, Digsi-Siemens, PCM-ABB,  pressure/ temp gauges/switches. Enervista- GE and Sepam- Schneider  MS-Office, MS Power Project & Windows | | |





# Selected Highlights & Contributions

Achieved maintenance cost reduction through counter-driven maintenance such as Vibration Analysis, Infrared Cameras to detect high temperature, Acoustic-to detect leaks, Oil Analysis- PPM to determine asset wear, Current and voltage readings of motors, and so on

Implemented predictive maintenance for Transformers, HT/LT panels, Motors and all Electrical Equipment

Managed the predictive & preventative maintenance program and drove continuous line improvement by taking data collection from various equipment

Conducted Preventive, Predictive, Corrective, Breakdown and Shutdown Maintenance at 2\*250MW Port Sudan power station- Sponge coke fired, 4\* 125MW Kosti Thermal power station- oil fired

Executed various planned maintenance activities such as Relays testing at sites based on fired hours

# Professional Experience

## May’15 till date

**Sudanese Thermal Power Generating Company, Sudan as Sr. Engineer Electrical**

**Role:**

Managing Operations & Maintenance and troubleshooting of Generators, Transformers, HT/LT panels, Switchgear, Circuit Breakers, D.G sets, EOT crane, and so on

Planning preventive and breakdown maintenance of electrical equipment

Performing annual protective maintenance and overhauling activities in Power plants associated with STPG Generating daily and monthly reports

Administering numerical Relays Testing of Generator, Motor, Transformer Protection Relay, Differential Relay, REF Relays make ALSTOM, ABB and GE Relays

Steering efforts in:

* Analyzing and troubleshooting of faults and Protection performance
* Preparation of testing & commissioning protocols and ensuring of proper quality standards and safety rules Collaborating with the client, consultant, engineering and procurement department regarding the interfacing of construction activities and material & equipment availability

Supervising and motivating a team of technicians and operators to achieve the excellence

## May’13 – April’15

**Jayashree Electromech Pvt. Ltd., Pune, India as Testing & Commissioning Engineer**

**Role:**

Spearheaded the following activities such as RELAYS – O/C Relay, E/F Relay, Motor Protection Relay, Transformer Protection Relay, Differential Relay, REF Relay , and all types of Numerical relays like ABB,ALSTOM and L& T Relays Performed testing & commissioning of 765/400/220KV Substation Equipment’s, Power Transformers, Busduct, and HT/LT Panels, HT/LT cables

Formulated cable schedule and termination schedules

Tested and commissioned power transformers up to 315 MVA

Executed maintenance activities in Switchyard, HT-LT Panels & Transformers, Bus Ducts and all Auxiliaries in Power plant Installed & commissioned UPS, Battery Charger and Battery system

Managed PANELS –scheme checking and commissioning of HT Panels, LT Panels, Synchronizing Panels, Control & Relay Panels, MCC Panels, PCC Panels, DG panels and Emergency Panels with all equipment

## Projects Handled:

765/400/220KV PGCIL, Sub-station, Aurangabad, Maharashtra 765/400 PGCIL, Sub-station, Raichur, Karnataka

132/33KV Sub-station, Khombalne Wind Power, Nashik, Maharashtra 400KV Switchyard, YTPS, Karnataka

132KV Switchyard, NTPC-SSTPS, Singrauli, MP

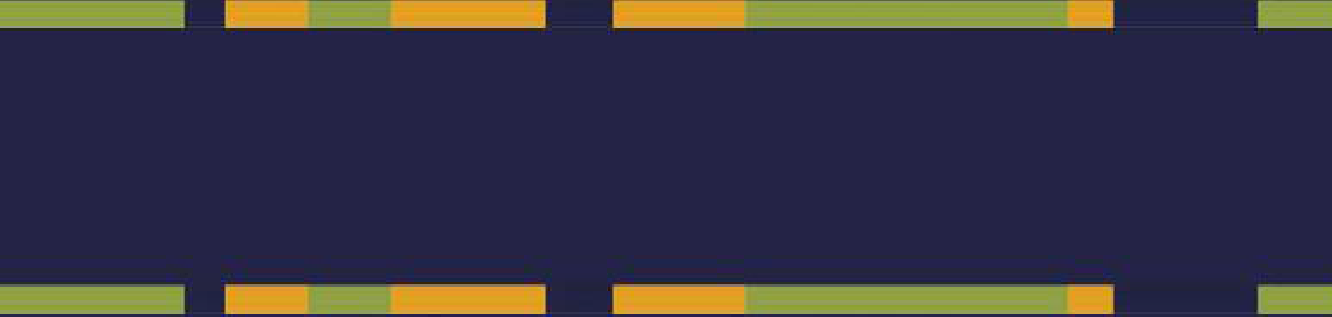
## June’09-May’13

**Vasavi Power Services Pvt. Ltd., Hyderabad**

**Joined as Trainee Engineer and rose to the post of Testing Engineer**

Projects Handled:

## Title:



Client: Customer: Period:

Role:

Key Result Areas:

4 X125 MW Kosti Thermal Power Station, Sudan Bharat Heavy Electricals Limited

Sudanese Thermal Power Generation Co. 2011 - 2013

Testing Engineer

Administered the following activities:

o Testing & commissioning of 220KV Switchyard Equipment’s, Power Transformers,

## Title:

Client: Customer: Period:

Role:

Key Result Areas:

Busduct, and HT/LT Panels

* Testing & commissioning of 150MW Alternator and their Auxiliaries



* Installation & commissioning of 110V and 220V DC system like, UPS, Battery Charger and Battery system
* Scheduling of resources, manpower, preparing detailed weekly, monthly plans in MS project and monitoring & reporting progress of daily activities as well as creating running account bills

## 2x 125 MW SLPP, Surat, Gujarat

Bharat Heavy Electricals Limited

Gujarat Industrial Power Company Limited 2009 - 2011

Trainee Engineer/ Engineer-Electrical Led the following activities:

* Erection of all electrical equipment like HT & LT Switchboard Generator Transformer,

Station Transformer and Busduct

* Preparation of cabling interconnection as per field requirement
* Testing of HT/LT Switchboard and Busduct

# Personal Details

**Date of Birth:** 3rd July 1986

**Languages Known:** Telugu, English, Hindi, Arabic (only Speak)

**Address:** 12/344, Kamsali street, Santhapet, Nellore, AndhraPradesh, India.

**Nationality:** Indian

**Passport Details:** H0551138 (Dt. of expiry 2018)