



OVERVIEW

- Having **12 years** of solid hands on experience in **Testing & Commissioning of Numerical and Static type of Protection and Auxiliary Relays and Control and Relay Panel, Electrical system design and installation of high-rise buildings.**
- Proficient in **handling site operations, quality service and timely completion** of projects.
- High level of expertise in handling **Advanced Power Test Equipment** such as **Doble F6150, Ponova T200A** etc.
- Expertise in **preparation and modification of electrical schematic drawings**



STRENGTHS

- Factory Acceptance Test of Relay & CR Panel
- Troubleshoot complex issues in substations
- Lead Project testing and commissioning
- Analyze engineering drawings and perform corrections
- Automated testing of feeder protection relay, EF,REF and Differential protection relays
- Preparation of both automated and manual test plans for relays
- Circuiting and DB schedule
- Preparation of Electrical Schematic diagrams
- Preparation of estimation and BOQ
- Billing of works as per CPWD norms



EXPERIENCE SUMMARY

Project Coordinator (Electrical) **March 2021- Till date**
Kerala Irrigation Infrastructure Development Corporation (KIIDC), Thiruvananthapuram

- Quality assurance of electrical works for various KIIFB/Government funded projects
- Preparation of electrical schematic drawings as per design standards
- Billing of electrical works
- Preparation of estimate for electrical works of multi-level buildings, tourism projects and irrigation projects
- Supervision of HVAC works associated with multi-level buildings
- Preparation of revised estimate as per CPWD norms.

**Project Engineer(Electrical)
Heather Constructions, Thiruvananthapuram**

February 2021

- Supervision of electrical and ELV works of high rise buildings
- Quality and quantity auditing of electrical commodities
- Preparation of revised estimate
- Preparation of electrical schematic diagrams
- Preparation and maintenance of documents related to quality assurance

**Engineer (Electrical)
Navani Engineers and Consultants, Thrissur, Kerala**

October 2015 – January 2021

- Review and approval of engineering drawings
- Preparation of site modifications and obtaining clearances for the same.
- Designing of main panel and sub panel as per electrical inspectorate standards
- Directing, leading & motivating workforce and imparting continuous job training for accomplishing greater operational efficiency.
- Calculation of electrical loads and calculating the size of transformers and generators.
- Working on succession planning of the workforce, shift management activities, appraising the member's performance & providing feedback.
- Coordination with civil department for all external development work such as rain water harvesting line, sewer line, fire fighting line as per drawing specifications.
- Installation of fire fighting system

**Engineer (Testing & Commissioning)
ALIND RELAYS DIVISION, Thiruvananthapuram**

March 2011- September 2015

- Testing of numerical and static type protective and auxiliary relays with Doble F6150 and Ponovo T200A test equipment according to IEC standard testing procedures.
- Factory acceptance test for various customers
- Testing, trouble shooting and site commissioning of control and relay panels for various state electricity boards and zonal railways(Traction substation)
 - Schematic drawing and testing procedure preparation for traction substations up to 132 KV for Indian railways
- Technical support to design department on quality and performance enhancement
- Prototype testing of numerical relays at Government of India owned/approved laboratories including CPRI, ETDC, ERTL, SAMEER labs etc as per the latest IEC standards.

**Junior Engineer-Electrical
Amritha Institute of medical science and research Centre, Cochin, Kerala**

August 2010- February 2011

- Handling of electrical load as per requirement.
- Analysis of electrical consumption & consumer demand.
- Daily maintain the power consumption report.
- Periodical report on preventive maintenance.

- Preparation of operation manual for software
- Preparation of test reports for manual and automated testing



PROJECTS

- Upgradation projects of Government ITI's at Dhanuvachapuram, Chandanathope, Chengannur, Ettumanoor and Kattappana
- Construction of Ecolodges at Peermade and Idukki
- Floor repair work of tourism mega circuit projects at Vattakayal and Kayamkulam
- Vertical extension of super speciality block at SAT Hospital, Thiruvananthapuram
- Community micro irrigation projects at Karadippara and Moongilmada in Palakkad district
- Annual Maintenance Inspection conducted to the Numerical Control and Relays panel for 132/25kv Traction Substation and Capacitor bank at Gurudaspur Traction Substation (TSS), Orissa.
- Testing and commissioning of Numerical control and relay panel for 132/25KV traction substation at Kondapalli TSS, Andhra Pradesh
- Testing and commissioning of Numerical control and relay panel for 132/25KV traction substation at Sanath Nagar TSS, Andhra Pradesh
- Testing and commissioning of Numerical control and relay panel for 132/25KV traction substation at Harichandanpur TSS, Orissa
- Testing and commissioning of Numerical control and relay panel for 132/25KV traction substation at Keonjhar TSS, Orissa
- Testing and commissioning of Numerical control and relay panel for 132/25KV traction substation at Chhatha TSS, Uttar Pradesh
- Testing and commissioning of Numerical control and relay panel for 25KV Feeder Panel at Burdhan Feeding post (FP), Howrah
- Testing and commissioning of Numerical control and relay panel for 132/25KV traction substation at Jhajha TSS, Bihar
- Testing and commissioning of Numerical control and relay panel for 132/25KV traction substation at Samastipur TSS, Bihar
- Testing and Commissioning of Numerical Control and Relays Panel for 132/25kv Traction Substation and Capacitor bank at Dankuni T S S Kolkata.
- Testing and Commissioning of Numerical Feeder protection relay at Dasua TSS, Punjab
- Testing and Commissioning of Numerical Feeder protection relay at Pathauli TSS, UP
- Testing and Commissioning of Numerical Feeder protection relay at Tambaram TSS, Tamil Nadu
- Testing and Commissioning of Numerical Feeder protection relay at Kolaghat TSS, WB
- Testing and Commissioning of Numerical high resistive fault protection relay at Khurda Road TSS, Orissa
- Testing and Commissioning of Numerical high resistive fault protection relay at Kolaghat TSS, West Bengal
- Testing and Commissioning of Numerical high resistive fault protection relay at Santragachi FP, West Bengal



ACADEMIC PROFILE

- **Bachelor of Technology in Electrical and Electronics Engineering** | NSS College of Engineering, Palakkad | University of Calicut(2005-2009)
- **Master of Business Administration (Project management)**| Alagappa University(2018-20)



PERSONAL PROFILE

DOB : 21/07/1987
Nationality : Indian
Gender : Male
Marital Status : Married
Linguistic Abilities : English, Hindi, Malayalam, Tamil
Passport Number : L3021182

