

# K Y B C S S R S NANDA KUMAR

Senior Engineer



6 Years 5 Months



(+91)  
8309243625



yogabalajikorubilli@  
gmail.com



## Profile Summary

Competent, diligent & result-oriented professional holding a valid 33 kV License-Certificate of Competency with experience in Maintenance of Plant Equipment & Energy Audits, capable of conducting root cause analysis of failures and devising prompt breakdown solutions with minimum turnaround time. Expertise in Container Cargo handling equipment like Quay Cranes with capacity of 65 T. Diploma in Port Equipment Maintenance (DPEM) - Electrical. Operation & Maintenance of Solar equipment. SOPs. Possess hands on in Operation & Maintenance of Boiler and its Auxiliaries, Turbine and its Auxiliaries. Experience in Plant Operation and Maintenance. Working knowledge in SAP. Expertise in SIEMENS PLC, SINAMICS Drives, AutoCAD Electrical - AUTODESK (2016,17,18,19 versions), MSOFFICE (all versions). Working in a computerised environment. Fluent in English. Easy Adaptability.



## Key skills

- Energy Audit
- Plant Maintenance
- Preventive Maintenance
- SAP
- SOP
- LV
- DG Sets
- AVR
- OFC
- LT
- MV
- VFD
- Drawing
- 33Kv
- Substation
- Switchgear
- Apfc
- Cables
- MCC
- PCC
- HT
- Transformers
- Motors
- Electrical Maintenance
- AutoCAD Electrical
- PLC
- Thermography
- 33kV License
- Breakdown Troubleshooting



## Education

MBA - pursuing in distance mode, 2025

Indira Gandhi National Open University  
(IGNOU)

M. Tech - pursuing, 2025

Jawaharlal Nehru Technological University (JNTU)

B.Tech/B.E., 2015

Vignans University

12th, 2011

Andhra Pradesh,  
English

10th, 2009

CBSE, English



## Personal Information

City **Visakhapatnam**

Country **INDIA**



## Hobbies

- Volleyball
- Badminton
- Listening music



## Languages

- ENGLISH
- TELUGU
- HINDI



## Work Experience

**Nov 2023 - Present**

Senior Engineer

**East Coast Sustainable Pvt . Ltd .**

Energy Audits, motors, Boiler Operation and maintenance, Steam Turbine generator Operation & Maintenance, DG SET, interpretation of SLD, Transformers, LT & HT, VFD, Battery, Cable, UPS, AUTOCAD, AVR, Analysis of equipment.

**Dec 2021 - Nov 2023**

Junior Executive Engineer - Electrical

**Visakha Container Terminal**

Responsible for directing and controlling of Preventive, Corrective and Breakdown maintenance of Container Cargo Cranes so as to ensure zero machine downtime. Responsible for conducting Tool box talk, work plan, manpower allocation and leading Reducing breakdown time, increasing equipment availability & reliability, maintenance of HV/MV/LV electrical equipment, PLC, Solar, interpretation of drawings, encoders, sensors, motors, DG sets, Transformers, UPS, Batteries, etc... Responsible for proper maintenance of all electrical equipments like PLC, Drives, motors and switchgear and also upgrading projects for better control and operation. Responsible for CAPA, RCA & WHY-WHY Analysis for major breakdowns. Responsible to control major parameters like MTTR & MTBF, etc.

**Feb 2020 - Nov 2021**

Consultant - Electrical

**Indo German Institute of Advanced Technology**

Operation & Maintenance - Electrical, Solar, Interpretation of SLD, SAP, Training, AutoCAD Electrical (ECAD), PLC, Drives, Projects. Documentation using MSOFFICE.

**Dec 2017 - Jan 2020**

Graduate Engineer Trainee

**Trident Sugars Limited-A subsidiary of NATEMS Sugar Private Limited**

To maintain the shifts with minimum Breakdown time of the entire Plant Equipment is the biggest responsibility. PLANT MAINTENANCE which involves ensuring Maintenance and Operation of Plant equipments which include Switchgear equipments like Air Circuit Breakers, Bus Bars, MCCB's, FN type switches, C type Changeover switches, Contactors, Power Control Centres (PCC's), Motor Control Centres (MCC's), Solar, Generator Protection Relay, Automatic Voltage Regulator (AVR), Automatic Power Factor Controller (APFC), C.T's, P.T's, VFD's, Starters, Power & Control Cables, Turbine-Generator and its Overhauls, B-check of Diesel-Generator sets, Air Conditioners, UPS, Batteries, Lighting DB's, proper Earthing, Motors Overhauling process like cleaning, changing the Bearings of both Drive End & Non-Drive End, Lubrication, Heating of motor windings, etc to name a few. Working on SAP platform by which Purchase Requisitions (PR's), Service PR's,

Purchase Orders (PO's) & Service PO's can be raised is a responsibility in addition to those mentioned above.



## Internship

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**6 Months**

Plant Maintenance

**UNIPARTS India Limited**

Done internship in Plant Maintenance covering the Operation & Maintenance activities of CNC machines, 33kV Switchyard, VCBs, Motors, DG sets, etc...



## Projects

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**7 Months**

**Plant Expansion From 3600 To 5500 TCD.**

Installing and Commissioning of Plant equipment facilitating an increase in the Plant capacity i.e. increase in daily crushing rate from 3600 to 5500 Tonnes of Cane.



## Certification

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- E-CAD (Electrical Computer Aided Design)
- Programmable Logic Controller (PLC)
- 33kV license from A. P. Electrical Licensing Board



## PERSONAL DETAILS

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**Date of Birth**

16th August, 1994

**Marital Status**

Married