

BALACHANDER T

Electrical engineer

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Thanjavur, Tamilnadu India



CARRER OBJECTIVE

To grab an opportunity and set myself a goal where I can be innovative and attain a challenging position by exercising my interpersonal and professional skills to the fullest for the growth of the organization

EDUCATION QUALIFICATION

SSLC

CGPA -7.8

Kendriya Vidyalaya

Diploma- Electrical and electronics engineering

Percentage- 95% First class with Distinction

Pattukkottai polytechnic college 2016-2019

Bachelor's -Electrical and electronics engineering

CGPA- 8.21 First class

Alagappa chettiar government of engineering & technology 2019-2022

SKILLS

- Troubleshooting
- Flexibility and adaptability
- Time management
- communication
- Preventive maintenance
- Equipment maintenance
- Problem solving

TOOLS USED

- Kaizen
- Root cause analysis
- 5's
- CBM and TBM
- SAP
- Microsoft Excel

CERTIFICATIONS

- Advanced automation system professional (AASP)

PROFESSIONAL EXPERIENCE

Electrical engineer

Delphi- TVS technologies Ltd, | July 2022 - Present

- Operation and maintenance of 33KV /11KV Sub-station, transformers, switchgear and switch board
- Operation of MV and LV panel
- Responsible for proper maintenance of 1500KVA Diesel generator(DG) with synchronization and Uninterruptable power supply(UPS) 160& 400KVA
- Experienced in power management across the industry of maximum demand (MD-7750KVA)
- Operation and maintenance of VCBs(Siemens make) and ACBs (Schneider and ABB make)
- Operation & Maintenance of electrical machines such as 1000CFM,568CFM, 512CFM oil based rotary screw compressors
- Management of HVAC equipment such as Air and Water based chillers (up to 170TR) and Air handling units(AHU)
- Wiring and troubleshooting control panels
- Implementation of automation for control and monitoring process
- Knowledge in Siemens PLC ladder logic programming (TIA portal)
- Experience in PLC troubleshooting, diagnostics and maintenance
- Knowledge in SCADA system (WINCC)
- Strong understanding of industrial communication protocols (RS-485, MODBUS and PROFINET) and interfacing
- Experience in commissioning configuring and optimizing VFDs
- Designing of HMI and SCADA layout and modification
- Managing power cost and CPC calculation based on power consumption
- Responsible for Statutory compliance across the industry

PERSONAL PROFILE

- Name : Balachander T
- Date of birth : 07/06/2001
- Father's name : Alagan R T
- Permanent address : 441/4 bharathi salai, karikadu nadimuthu nagar, pattukkottai (tk) thanjavur(dt) tamilnadu- 614602
- Language known :English,Tamil,Hindi
- Gender : Male
- Nationality : Indian
- Passport No : Y1317281