



AYAZ UDDIN

To secure a challenging position where I can effectively contribute my skill as an Electrical Engineer, possessing good technical skill where 'Profitability' become the objective and 'Growth' become the goal of existence.

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Electrical engineer with the knowledge in project management, operation maintenance with quality management. Good understanding of project co-ordination. Safety process oriented with technical skills.

INDUSTRIAL EXPERIENCE

1). QUALITY COUNCIL OF INDIA (QCI)

Project co-ordinator at Intellectual property office (IPO) KOLKATA

August 2023 to Till now.

- Examination of patent application in Electrical Engineering field.
- Checking a particular application of new invention whether a patent on behalf of this can be awarded or not.
- Patent searching and analysis of patent if application is patentable or not.

2). M/S SRIVAGMINE INFRASTRUCTURE PVT LTD.

Engineer Trainee & Assistant Engineer Shivamogga Karnataka.

February 2019 to July 2023.

- Executed the augmentation of 33/11 KV and 66/11 KV Substation.
- Executed 11KV , LT Lines and Installation and commissioning of 25 KVA and 63KVA DTR.
- Monitoring the site execution and mobilizing the manpower as per site requirement.
- Updating and co-ordination with client regarding daily process.

EDUCATIONAL BACKGROUND

Jamia Millia Islamia, New delhi

**Master of Technology (M.Tech)
(2016-2018)**

Control & Instrumentation systems with 7.92CGPA.

Jamia Millia Islamia, New delhi

**Bachelor of Technology (B.Tech) {HONOURS}
(2011-2015)**

Electrical Engineering with 8.51 CGPA.

MPVM Ganga Gurukulam , Allahabad

C.B.S.E.

INTERMEDIATE WITH 83.2% .

Jawahar Navodaya Vidyalaya (JNV), Allahabad

C.B.S.E.

HIGH SCHOOL WITH 84.2%.

INDUSTRIAL TRAINING

Two months industrial training at National Thermal Power Corporation (NTPC), Badarpur (720MW),

- Analyzed the operation and mechanism of coal handling plant, Transformers: Generating Transformer 10.5 KV & 15.75 KV /220KV, Unit Auxiliary Transformer 10.5KV/6.6KV.
- Switchyard: lightning arrester, CT, PT, CVT, Wave Trap, circuit breakers & isolators.

Two months industrial training at 400/220 KV Maharani Bagh NEW DELHI GIS Substation.

- Equipment used in substation: Transmission Lines, Bus Bars, Isolators, Transformers, Power Transformer, Transformer Cooling, Instrument Transformer, Capacitor Voltage Transformer, Circuit Breakers, Capacitor Bank, insulators.
- Protection System: Over Voltage Protection, Ground Wire, Lightning Arrestor, over current protection.

INSTITUTIONAL PROJECT AND THESIS

M.Tech thesis: “**Maximum Power Point Tracking Scheme for Solar PV System Operating Under Non-Uniform Solar Irradiation using MATLAB.**”

1. Simulation design and analysis of MPPT algorithms in Solar PV based power system in MATLAB.
2. Technique for tracking the global MPPT of PV array operating under partial shading condition.
 - Basic Concept of Photo Voltaic Systems.
 - Simulation designing of Solar Cell using MATLAB.
 - Analysis Of MPPT Algorithm a. Perturb & Observe, B. Incremental Conductance.
 - Performance Behavior of Shaded and Unshaded Module in MATLAB.

SKILLS

- Strong ability to document and track project and work goal.
- Strong verbal and written communications skill and ability to interact in a team environment.
- Strong analytical and technical writing skill.
- Team player with ability to communicate with clients and project team.
- Organizational skills and the ability to plan / schedule priorities and work plans for others.
- Ability to maintain proficiency with new systems and software as technology evolves.

TOOLS AND SOFTWARE

- **Certificate of learning on :**
 - **SAP** Plant Maintenance
 - **SAP** Process Visualisation (HMI/SCADA)
 - **SAP** ERP
- MATLAB
- SCADA (basic up to substation operation)
- MS-OFFICE
- Adaptive to any other software requirement in order to achieve project requirements.

EXTRA-CURRICULAR ACTIVITIES

- Sports: Actively participated in various events such as captained faculty cricket team at university level, Inter hostel table tennis and football competition.
- Student Council: member of **IEEE** and **ISTE**.
- Volunteering & fundraising: Organized a fundraising event for homeless people during flood.

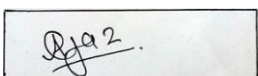
PERSONAL DETAILS

Marital status : Single
Nationality : Indian
Language : English & hindi
Permanent address : Prayagraj, Uttar Pradesh

DECLARATION

I hereby certify that all the information provided here are correct to the best of my knowledge and belief and I promise to abide by the norms laid down by your esteemed organization.

Date : 12/04/2024



(Ayaz Uddin)