

# Muwahib Murtaza Ganie

Botakadal, Alipora, Baghi Ali mardan khan, Srinagar, Jammu and Kashmir

7889539731 | muwahibmurtaza55@gmail.com

## Objective

I am a passionate electrical engineer seeking challenging opportunities where I can fully use my skills for the success of the organization.

## Experience

- Kashmir university** 01/05/2025 - Present  
Laboratory Assistant  
Working as a Laboratory Assistant in the Department of Electrical Engineering at the Institute of Technology, University of Kashmir, in department of Electrical engineering I assist in conducting and supervising experiments in Power Systems, Switchgear & Protection, and Measurement labs. My responsibilities include preparing and maintaining lab equipment, guiding students during practical sessions, ensuring lab safety and functionality, and supporting faculty in developing hands-on learning experiences. I also handle routine troubleshooting, maintain inventory, and provide technical support during lab exams and projects.
- Soul Ai** Freelancer -  
Ai Trainer  
Worked as freelancer in soul Ai where my role include Training and assisting Ai models by providing feedback on the models output performance and suggesting improvements.
- Techarc** 23/09/2024 - 25/11/2024  
Intern Data Analyst  
Collecting and analysing the data of different devices (like smartphones, smart tv, laptop and other tech product and there accessories) launched and studying their customer and market behaviour. Doing a brife research and analysis and collecting the data which can be sold to OEM vendors. In this internship I developed many skills such as communication skills, team working skills, research and analysis, writing skills and editing.
- Kashmir power transmission corporation limited (G.I.S. Khanyar and Wanganpora Grid substation)**  
Internship/Training 01/01/2024 - 31/01/2024  
Learned about different types of Gas insulated switchgear equipments and Power transmission at G.I.S. Khanyar and also at Wanganpora Grid substation. Learned about Control, Mantainance and Repair of different G.I.S equipments as well as A.I.S. Equipments at 132/33Kv Voltage level
- Kashmir power transmission corporation limited (Zainakote Grid substation)** 04/01/2023 - 02/02/2023  
Internship/Training  
Studied about Air insulated switchgear at Zainakote Grid substation of 3 tire switch yards with voltage of 220/132/33Kv. and protection of different equipments in the Grid.
- Anchor (by Panasonic)** 01/07/2021 - 10/09/2021  
D.S.O. (Distributor Sales Officer)  
Managed the marketing and sales of Anchor switchgear and wiring equipment in different places of kashmir.
- Jammu and Kashmir Power Development Department (Bemina Grid substation)** 17/07/2019 - 16/08/2019  
Internship/Training  
Studied the Generation, Transmission and Distribution of electric power in Jammu and Kashmir. How power is generated then how it's Transmitted to end users. Measurement, Maintenance and control of different parameters. At voltage level of 132/33Kv

## Projects

- IOT Enabled Solar Automatic Cloth Retrieval, and Drier Machine with Inbuilt Rain Waters detection, Light detection**  
IOT-enabled solar automatic cloth retrieval is a system which uses IOT technology and solar power to automate

the process of retrieving clothes. Closed loop design which typically involves sensors, actuators, and a central control system. Design of converter design (DC-DC) Converter and also determining components specifications

The sensors activate when clothes are ready to be retrieved, and the actuators, powered by solar energy, move the clothes to a designated location wherein the clothes will be dried using the stored solar energy.

- **Regulated Ac to Dc converter power supply**

Ac is converted into dc first by step downing the AC input then using the Bridge IC it's rectified. The converted Dc is supplied to regulator ICs and buck-boost convertors from where we get regulated output.

## Education

- **Islamic University of Science and Technology** 2024  
B.tech in Electrical Engineering
- **Kashmir Government polytechnic College** 2020  
3 Year Diploma in Electrical Engineering
- **JKBOSE** 2016  
10th
- **Rooman technology**  
C Programming
- **Rooman technology**  
Advance Mobile Phone Repairing
- **P.M.K.V.Y. (N.S.D.C.)**  
Domestic Data Entry Operator

## Skills

- C Programming
- MATLAB
- Repairing of all kind of electrical and electronics equipments
- Soldering (S.M.D. & Through hole)
- Data entry
- Sales
- Communication skills
- AI (Artificial Intelligence)

## Interests And Hobbies

- Soldering
- Circuit designing
- Repairing of home appliances
- Learning new things and skills
- Trekking

## Languages

- English
- Urdu
- Kashmiri