



Asmat Ullah Khan

Electrical Engineer

✉ bsee22f38@namal.edu.pk

☎ +92 3154275093

📍 Mohala New Salar Daud Khel District Mianwali, Mianwali, Pakistan

Electrical Engineering undergraduate with a strong foundation in power systems, electronics, and problem-solving, driven to apply engineering principles to real-world challenges. Demonstrates analytical thinking, teamwork, and a commitment to delivering efficient and innovative technical solutions. Eager to contribute to a forward-thinking organization while continuously developing professional and engineering expertise.

EDUCATION

BS Electrical Engineering

Namal University Mianwali

Oct 2022 - Present | Mianwali, Pakistan

Courses

- Basic Circuit Design - Intro To Power Engineering
- Power Electronic - Embedded System
- Internet of things - Digital Image Processing
- Digital Logic Design - Machine Learning
- Data Structure & Algorithms

Intermediate. Pre-Engineering

Abdul Razzaq Fazaia College, Mianwali

2019 - 2021

Matric Science

Model High School Iskenderabad, Mianwali

2017 - 2019

WORK EXPERIENCE

Intern

Agritech (Formerly Pak-American Fertilizers LTD)

Agritech Limited – a major fertilizer production company with large industrial and power-based plant operations

Jul 2024 - Oct 2024 | Iskenderabad Mianwali, Pakistan

Achievements/Tasks

- Developed a practical understanding of industrial power distribution systems, including interpretation of Single Line Diagrams (SLDs), feeder arrangements, and utility networks.
- Observed preventive maintenance and protection practices for motors, transformers, LV panels, MCCs, and associated electrical equipment.
- Studied power generation systems including gas turbines, generator synchronization, load sharing, and busbar arrangements in an industrial environment.
- Followed industrial safety standards (HSSC), PPE protocols, and assisted in technical documentation and reporting under the supervision of site engineers.

Contact Person

Sir Ajmal Raza (Head of Electrical Dept)

SKILLS

MATLAB

Programming In C++ / Python/ OOP

Proteus

Cisco Packet Tracer

AutoCAD

Machine Learning

Presentation & Interpersonal Skills

UNDERGRADUATE PROJECTS

Bank Networking Design Using Cisco Packet Tracer

In Computer Communication Network

Air Quality Index (AQI) Prediction Using Machine Learning

In Machine Learning using Model LSTM & Random Forest
Dec 2025 - Jan 2026

Design and Development of a Remote-Controlled AgriBot for On-Site Soil Testing (FYP)

Team Lead

Oct 2025 - May 2026

Project Achievements

- Developed a solar-powered AgriBot with 7-in-1 automated soil sensing system for on-site monitoring
- Integrated LoRa communication + real-time dashboard for long-range data transmission and a

CERTIFICATES

Sumo War Robot (Participation)

Namal Tech Expo 2024

Held at Namal University Mianwali

May 2024

Internship in Electrical Department

Agritech (Formerly Pak-American Fertilizers LTD)

Oct 2024

LANGUAGES

English

Professional Working Proficiency

Urdu

Full Professional Proficiency

Saraiki

Full Professional Proficiency

INTERESTS

Book Reading

Hiking

Creativity

Robotics

Cricket