

MOHIB U RAHMAN

mohiburehman465@gmail.com • 03044343819 • Mohallah Shareef Park Muridke Town
• <https://www.linkedin.com/in/mohib-u-rahman-b87658193>

OBJECTIVE

To secure the position of a trainee engineer at a systematical organization where I can work and learn at the same time, and able to handle multiple projects simultaneously with high professionalism and accuracy by utilizing my engineering and management skills.

EDUCATION

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI) <i>Bachelors of Science in Electrical Engineering (Power)</i> CGPA: 3.29/4.00 Relevant Courses: Electric Machines, Power System Protection, High Voltage Engineering, Project Management, Supply Chain Management.	Topi, PK 2018 – 2022
Govt. Islamia College <i>Intermediate</i> Marks: 943/1100	Lahore, PK 2016 – 2018
Suffa Secondary School <i>Matriculation</i> Marks: 1018/1100	Muridke, PK 2014 – 2016

WORK EXPERIENCE

Pak Elektron Limited (PEL) <i>Production Intern</i> <ul style="list-style-type: none">Assigned to Power Transformer department.Learnt about transformers, their specifications and protection schemes.Familiarized with the different manufacturing techniques used by the company.	Lahore, PK July 2021
Ibrahim Fibres Ltd (Polyester Plant) <i>Intern</i> <ul style="list-style-type: none">Comprehend the plant process control (PLCs & SCADA) and power generation, also understood the instrumentation (pressure, temperature, flow, and level sensors) involved in the process.Submitted a proposal on smart distribution transformers, which eliminates the need for manual transformer monitoring by prompting engineers to correct any abnormalities, hence prolonging transformer life.	Faisalabad, PK August 2021

ACADEMIC PROJECTS

Distribution Transformer Health Monitoring System Using Internet of Things (FYP) <ul style="list-style-type: none">A digital monitoring system allows the operation of transformer within the defined safety limits by integrating it with mobile application and uploading the information on data server for the engineers, thus preventing from any hazardous situations. First ever project on Transformer Monitoring in Pakistan sponsored by Micro Merger Pvt. Ltd.
500mA Current Supply <ul style="list-style-type: none">Used MOSFETS and circuit analysis techniques to generate supply.
ATM System <ul style="list-style-type: none">Systematized the ATM system using C++ logics and functions.
Musical Sound Processing <ul style="list-style-type: none">Digital signal processing in frequency domain through filters by using Matlab.

LEADERSHIP & EXTRA CURRICULARS

Society of Mechanical Engineers of Pakistan (SMEP) GIKI Chapter – Vice President

- Headed a team of **50+** members for promoting and inviting participants from various institutes of Pakistan for **All Pak Event (Science Competition 2019& 2022)**.
- Achieved **25%** increase in total participants for the events.
- Successfully arranged training workshops related to programming, Matlab, Multisim.

VOLUNTEER WORK

Educational Awareness Campaign – Co-founder

- Guided students related to admissions, criteria, scholarships, and entry test preparation to the underprivileged students of Muridke.
- Manage Facebook page with 1000+ followers to give updates related to foreign and local admissions along with scholarships opportunities.

AWARDS & ACHIEVEMENTS

- **4th Position** (Faculty of Electrical Engineering).
- **Deans Honor List** (6th Semester).
- **1st Position in Talent Hunt Test** arranged by Star Group of Colleges.
- Participation in Mensa Test arranged by Mathematics Society-GIK Chapter.

SKILLS & INTERESTS

- **Engineering:** Power World Simulator, MATLAB, Arduino IDE, Multisim, LabVIEW, Proteus, LTspice XVII.
- **Programming:** C, C++, Python, PIC Microcontrollers (PIC 18F4550).
- **Microsoft Office:** Excel, PowerPoint, Word.
- **Soft Skills:** Group Decision Making, Administration & Management, Leadership.
- **Interests:** Love travelling and exploring new places (recently did a Bike Tour to northern areas of Pakistan) and playing badminton.