

MUHAMMAD AKMAL

🏠 Mahe Kalan, P/O Sarai Alamgir, Tehsil Sarai Alamgir,
District Gujrat

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OBJECTIVE

My goal is to become associated with a company where I can utilize my skills and gain further experience while enhancing the company's productivity and reputation.



EDUCATION

**B.Sc. Electrical Engineering | University of Engineering & Technology,
Lahore 2014 – 2018 CGPA: 3.096**

AFFILIATED INSTITUTE: SHARIF COLLEGE OF ENGINEERING & TECHNOLOGY, LAHORE

Relevant Courses: Semiconductor Devices, Analog Electronic Circuits, Data Structures, Digital Logic Design, Microprocessor Systems, Control Systems, Digital System Design, Power Electronics, Power System Design and analysis, Machine Design, Power System Protection, High Voltage Engineering, Power Operation and Control System.

Intermediate Pre-Engineering | F.G. Intermediate College Jhelum Cantt.

2012 – 2014

PERCENTAGE: 70%

Matriculation | GOVT. HIGH School Sarai Alamgir

2010 – 2012

PERCENTAGE: 77%



PROJECTS

Final Year project | Design and Implementation of DC Circuit Breaker and its Application

Executive summary: This project deals with gain a deep understanding of the design principles and operation of a DC circuit breaker. Many components of a modern micro grid operates using a dc interface including solar panels, fuel cells, and battery energy storage form DC micro grid, to protect this system we are designing and implementing z-source breaker. The given system is implemented in PISM to perform current and voltage analysis and transient analysis etc.

**Term Projects | Cortex Based Smart Parking System, Low Pass Filter, Power supply
AC to DC, AC Voltage Controller, 4x4 Memory Unit, Light Dimmer, Automatic Street
Light Controller**



INTERNSHIPS

Internee | Grid System Construction LESCO, Lahore

07/2017 – 09/2017



TECHNICAL SKILLS

- ETAP
- KEIL
- MATLAB
- PROTEUS
- MULTISIM
- MICROSOFT OFFICE
- PSIM
- PWS



ACTIVITIES

- Treasurer IEEE SCET Student Branch
- Participating in “Arduino for Newbies workshop”
- Participating in “Microsoft Excel workshop”
- Participating in “Advanced Optical Wireless Communication conferees”



INTERESTS

- Book reading
- Travelling
- Playing Cricket, Table Tennis
- Photography



LANGUAGES

- English
- Urdu
- Punjabi



REFERENCES

- Engr. Mazhar Iqbal
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