

EDUCATION

MS Electrical Engineering (2017-2019)
CGPA 3.52
Government College University, Lahore.

B.Sc. Electrical Engineering (2010-2014)
CGPA 3.02
Government College University, Lahore.



HIGHER SECONDARY SCHOOL: 2008-2010

Major Subjects: Mathematics, Physics, Chemistry
Percentage: 82.5%, Grade: A+
Lahore College For Women University, Lahore.

Secondary School Certificate: 2006-2008

Major Subjects: Mathematics, Physics, Chemistry, Biology
Percentage: 92%, Grade: A+
Queen Mary College, Lahore.

WORKING EXPERIENCE

As Assistant Manager Electrical January 2015 to 2018

As Deputy Manager 2018 – Present

THE INSTITUTION OF ELECTRICAL AND ELECTRONICS ENGINEERS PAKISTAN (IEEEP)

JOB RESPONSIBILITIES

- Arranging Technical Engineering Workshops in Engineering Universities and Companies.
- Organizing Engineering Seminars, CPDs and webinars.
- Operation Open Journal System(OJS) for technical Research
- Assist in supervising of information sharing events.
- Making arrangements regarding convention/AGM and Other such event
- Compose letters, emails, agendas and minutes of meeting.
- Handling day to day issues while reporting to the concerned managers.

CAREER OBJECTIVE

Seeking a challenging position within a progressive organization, where I can utilize my skills to put the Organization on more prosperity lines and provide a competitive edge over others.

AREAS OF EXPERTISE

Linear Circuit analysis, Power electronics, Electric devices and circuits, Data Communication and Computer Networking, Network analysis, Digital Electronics, Signal and systems, Digital logic design, Electrical machines ,RF & Microwave, Electromagnetic theory.

PRIMARY SKILLS

Analytical Ability
Effective
Communication,
Written, Oral and
Presentation skills

INTERNSHIP

National Transmission and Despatch Company Limited (NTDC)
June 2013 to July 2013

DESIGN DEPARTMENT

- Ten days training on preparation of specification for equipment/material.
- Preparation of engineering drawings for grid station and transmission line.
- Preparation of bidding documents, work and services for grid station and transmission line.

SYSTEM PROTECTION DEPARTMENT

- Ten days training on preparation and setting of interconnection drawings Relay setting calculation
- Tripping and fault analysis of 500/220/132kV line

CPPA DEPARTMENT

Ten days training on negotiation of power purchase agreements (PPAs) and management of PPAs

GRID STATION

One week training at Halmore Power Plant.

PROJECTS AND ACHIEVEMENT

Final year project **“Unmanned Ground Vehicle”**.

Unmanned ground vehicles (UGVs) play an important role in the nation's next-generation ground force. Advances in sensing, control, and computing have enabled a new generation of technologies that bridge the gap between manual UGV tele-operation and full autonomy.

MS Thesis

MC- SNICS (Source of Negative Ions by Cesium Ion Sputtering) of 6SDH -2 2MV Pelletron accelerator installed at GC University is optimized. The Pelletron is used for many applications in AMS and in manufacturing of various beams of Be, I, Cu and Cl. The accelerator contains an insulating cylinder, a charging device for producing high voltage and an evacuated tube through which the evacuated ion beam passes. Excessive ion beams are created with it. It contains a dual injector for light and heavy ions. Light ions are produced by RF source while heavy ions are produced by SNICS. Hit and trial method is used to obtain the desired output to avoid complexity between different parameters.

COMPUTERSKILLS:

ELECTRICAL DESIGNING SOFTWARE

Proteus, P-spice, Xilinx , Matlab, Assembly, C++, Turbo C, FPGA, Microsoft Office.

LANGUAGES

English, Urdu, Chinese (HSK2)

OTHERS

Cultural Trip to China (July-2018) from Scholarship of Confucius Institute of Hanban China