

Personal Information

Muqaddas Elahi



📍 Village and Post office Rangli, Tehsile Jand, District Attock, Pakistan

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Sex Male

Date of birth 12 / 06 / 1995

Nationality Pakistani

Education

2014 - 2018

BE- Electrical (Power) Engineering

CGPA : 3.03

Sukkur Institute of Business Administration University

Airport road, Sukkur (Pakistan)

2011 - 2013

Intermediate

Grade: 73 % (A)

Army Public School and College System Attock (Cant), (Pakistan)

Pre - Engineering (Physics, Chemistry, Mathematics)

2009 – 2011

Matriculation

Grade: 85 % (A+)

Govt. Boys Secondary School

Science (Physics, Chemistry, Biology, Mathematics)

Personal Skills

1. Major Courses:

Power Generation

AC & HVDC Power Transmission

Power Distribution

Power Distribution

Power System Stability and Control

Power System Protection

Power System Analysis

Renewable Energy

Power Electronics

Electrical Machines and Drives

Healthy Safety and Environment

Technical Report Writing

2. Engineering Software:

Arduino Programming

Microcontroller Programming

C++ and Assembly Language

SCADA

MS-COM

MatLab

LabVIEW

Proteus

Multisim

AutoCAD

Microsoft Office (Word, Power Point, Excel)

Projects: Final Year Project

- Voltage Improvement in Transmission Line using FACTS Devices

In order to enhance the power transfer capability of transmission lines we have utilized the FACTS devices (STATCOM & SVC) to improve voltage by reactive power compensation technique. MatLab is used for designing and simulation of Transmission line models.

Semester Projects:

- Smart Home Automation
- Cell phone detector and signal jammer
- Solar Tracking based Mobile charger
- SCADA based Relay coordination
- Protection of Synchronous Generator using differential relay (Matlab based project)

Honours and Awards:

- i. “National Talent Hunt Program” Scholarship for 4 years of undergraduate (2014-2018) in SIBAU
- ii. Free-ship as son of army person for Intermediate (2011-2013) in Army Public School and college Attock (Cant)

Certifications:

Certified on:

1. Active member of IEEE student branch SIBAU (2016-2017)
2. Active member of engineering society SIBAU
3. Organizing team member **SIBACOM Event 2017**
4. Participation in **Arduino & LabVIEW interfacing workshop 2014**
5. Participation in **SIBACOM Event 2015**
6. Participation in **2nd INTRA-UNIVERSITY MATHEMATIC OLYMPIAD COMPETITION 2015**
7. Participation in **TWO DAY WORKSHOP ON “RASPERRY PI”**
8. Participation in **One-Day Workshop on PCB & Circuit Designing**
9. Internship Training with JAFFER Brothers Pvt Ltd. In Islamabad
10. 1 Week Training at OGDCL Sogri Well Rig N-1

Interests and Activities:

- a) Research in Development
- b) Power system protection and control
- c) Renewable energy engineering
- d) Sports (Cricket)
- e) Reading Literature