

PEC NO: ELECT/57750



Saddam Hussain

Electrical Engineer
Revit BIM/MEP
Designer



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Village Gohati Post office Mahmood
Abad District & Tehsil Swabi.



SKILLS

Professional

- Highest Ethical Standards
- Excellent communication and Presentation Skills
- Confidence
- Highly generated
- Energetic, sharp and committed
- Disciplined
- Positive attitude
- Hard working
- Cooperative
- Innovative mind



Software

- Revit BIM/MEP
- AutoCAD Electrical
- 3D Studio Max
- Auto-CAD (2D & 3D)
- LabVIEW, MyRio
- MS-Office
- C++ , Proteus
- Xilinx (Verilog)
- MATLAB

Career Objectives: To achieve targets and goals by optimum utilization of my knowledge and skills, utilize opportunities for professional growth. Implementing my new, creative and innovative ideas in the best possible way for the betterment of organization and self.



RESEARCH INTEREST

- Electrical Power and its Automation.
- Power Drives and Converted Topologies.
- Electrical Energy and Conversions and Utilizations.
- FACTS



FIELD/AREA INTEREST

- Oil and Gas Fields(Reservoirs)
- Power Industries Design Department
- Production and Manufacturing
- Simulation of Electrical Equipments
- Design and Fabrication of Innovative Projects
- MEP Engineering & Construction Co.
- Installation & Maintenance



EXPERIENCE

(2016-2017) Trainee Engineer, Hydro Power Station Tarbela Dam
Topi Swabi Pakistan.

Accomplishments:

- Develop engineering plans, specifications, project schedules, designs, circuit diagrams, and estimates for construction and maintenance of various projects.
- Handle tasks of identifying latest design techniques in defining new product requirements.
- Perform tasks of developing technical plans as well as surveillance of technology to support flow of electrical power in system layers.
- Responsible for coordinating in planning and implementation of electrical circuits for large scale projects.
- Site incharge, manage and instruct the site workers, asses and manage the safety hazards.

(2017-Aug) Trainee Engineer, 132KV Substation PESCO Swabi City KPK,
Pakistan.

Accomplishments:

- Extensive knowledge of principles related to electrical maintenance systems, Electrical engineering, and power distribution systems.
- In-depth knowledge of power transmission, full electrical product cycle, power control and protection systems.
- Sound knowledge of electrical systems upgrade techniques.



INDUSTRIES VISITS

132KV Grid Station Swabi City:

- Get knowledge about different Equipments installed in Substation.
- Familiar with Safety Operations and Guidelines of Large scale Electrical Power for different applications.
- Familiar with Air conditioning system required for different work stations



Certificates:

- Revit BIM
- Fire Safety
- Auto-CAD Electrical
- Revit(MEP)
- Electrician
- Best Performance Teacher
- Trainee Engineer
- 132KV Substation Experience



SUBJECTS

- Project Management
- Industrial Health and Safety
- Electric Machines
- Signals & Systems
- Control System
- Power Electronics
- Engineering Economics
- Power Generation Transmission & Distribution
- Industrial Electronics
- Electric Circuits Analysis

PERSONAL INFO

Date of Birth: March 12, 1993
Marital Status: Unmarried
Nationality: Pakistani

HOBBIES

Academics: Reading & Teaching
Sports: Badminton & Cricket
Enjoyment: Hiking & Travelling
Free Time: Designing, mini Project

LANGUAGES

	Listening	Speaking	Writing
English	Excellent	Excellent	Excellent
Urdu	Excellent	Excellent	Excellent
Pashto	Excellent	Excellent	Excellent

Pakistan Tobacco Company:

- Knowledge of run and maintenance of Steam Boilers.
- Study of Centrifugal Pumps for cycling and providing Water to Boilers
- Study of Cooling Tower.

Fauji Cement Factory:

- Knowledge of run and maintenance of Crashing Machine.
- Study of Different Pumps used for cycling and providing Bags for Filling.
- Study of SCADA System.



EDUCATION

BS Electrical Engineering: (2012-2016) CGPA: 2.89/4
 COMSATS Institute of Information Technology.

F.Sc Pre-Engineering: (2009-2011)
 Obtained Marks: 848/1100. %age: 77
 Islamia College and University, Peshawar.

Matriculation: (2007-2009)
 Obtained Marks: 854/1050. %age: 81.3
 Warsak Model School & College Peshawar.



ACADEMIC PROJECTS

Driver's Eye Drowsiness Detection System for CAR (Image Processing Analysis).

- To Improve Safety by detecting drowsiness in critical situation.
- To study of transforming the algorithm into an intelligent one to avoid the limitations if possible.

Semester Projects:

- Single Phase AC to DC Converter 60W.
- Home Security LASER based Alarm.
- Fire Detector, Rain Detector, Water Level Indicator.
- UPS Inverter 800W.
- AC Machines Auto Star & Delta connection Control.
- Auto Forward & Reverse connection of 3 phase Motors using Magnetic Contactor and Overload Relay.
- Magnetic Contactor Control with Push Button.



ACHIEVEMENTS AND AWARDS

- Merit scholarship grant from institute in BS (EE) program.
- Certificate of representing WAPDA in 2016.
- Sports winning certificates (Athletics, Badminton, Cricket).
- 2013 – 2015- Sports President, COMSATS Attock
- 2015 – 2016-Speeches, Stage hosting
- 2017 Best Performance Teacher award.
- 2017- Current: HOD DAE Electrical.



References:

Dr. Ata Ur Rehman

Head of Department

Assistant Professor

Electrical Engineering Department

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I hereby certify that the above information/data are true and correct to the best of my Knowledge and belief.