Waqar Sheikh

ELECTRICAL ENGINEER

FACULTY OF ENGINEERING & TECHNOLOGY, GOMAL UNIVERSITY, D.I.KHAN

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CAREER OBJECTIVE

I aim to integrate my knowledge, innovative ideas and creativity in a challenging and learning environment of a pioneer institute where I can achieve my research oriented goals in the field of Engineering. I will also try to improve my technical and personal skills as dedicated researcher.

INTERNSHIP EXPERIENCE

Pakistan Telecommunication Company limited 20-07-2016 to 31-08-2016 (6 weeks) Areas of Rotation: PTCL EXCHANGE, DERA ISMAIL KHAN.

- Understanding the process Optical fiber
- Experienced the Power distribution & Monitoring

ACADEMIC QUALIFICATIONS

B.Sc. ELECTRICAL Telecommunication ENGINEERING	Faculty Of Engineering & Technology, D.I.Khan	**CGPA 3.61**/4.00
F.Sc. PRE ENGINEERING	University Wensam College, D.I.Khan	**A**
MATRICULATION	University Wensam College, D.I.Khan	**A1**

Important Courses Undertaken:

• Linear Circuit Analysis	• Digital Logic Designing.
• Instrumentation and Measurements	• Electromagnetic Field Theory.
• Signal and Systems	• Electronic Devices and Circuits.
• Differential Equation	• Introduction to Computing.
• Linear Algebra	• Applied Physics.
• Probability Methods in Engineering.	• C++.
• Basic Mechanical Engineering	• Technical Report Writing
• Communication Skills	• Engineering Workshop.
• Complex Variables and Transforms	• Electrical Machines
• Communication System	• Digital Communication System
• Digital Signal Processing	• Linear Control Systems
• Engineering Ethics	• Engineering Economics
• Data Communication	• Microprocessor & Microcontroller
• Engineering Circuit Analysis	• Wireless & Mobile Communication
• Antennas & Wave propagation	• Power distribution and Utilization
• Power Electronics	• RF & Microwave

Mini Projects:

- Design of 220V/12V transformer.
- Design of LED board.
- Bridge rectifier implementation.
- Design of Moving Charger using Peizo Crystal.
- Study and design of different line coding techniques using MATLAB and logic gates on trainer.
- Mobile charger

UNDERGRADUATE PROJECTS

Advance footstep energy generation and controlling home appliances devices through internet

Computer Skills:

Able to use:-

- MATLAB - (Medium Level)
- Auto CAD – (Basic Level)
- Proteus ISIS – (Advanced Level)
- Keil (Assembly Language) – (Medium Level)
- Microsoft Visual Basic C++ – (Medium Level)
- Electronics Workbench - (Advanced Level)
- Packet Tracer- (Advanced Level)
- Simulink- (Medium Level)
- Microsoft Office Word – (Advanced Level)
- Microsoft Office Power Point - (Basic Level)
- Microsoft Office Excel – (Basic Level)

ACHIEVEMENTS

- In **top 3 students of** Department of Electrical Engineering, Faculty Of Engineering & Technology, D.I.Khan
- Received ***SSM & IJT Talent Awards*** for standing in top 3 in University throughout all semesters until now.

CO-CURRICULAR ACTIVITIES

- Keeping abreast of Electrical technologies
- Member of GSC

Language:

Urdu	Fluent in writing and speaking
English	Fluent in writing and speaking
Punjabi	Can understand Punjabi.
PASHTO	Fluent in speaking.

REFRENCES

Will be provided on request