ASMATULLAH KHAN

HOUSE# 81-A PHASE TWO, SHAHBAZ TOWN QUETTA
EMAIL: asmatkhan.engr@gmail.com
Cell: 03158628887

OBJECTIVE

To enhance my knowledge and capabilities by working in a dynamic organization that prides itself in giving substantial responsibility to new talent.

EDUCATION

Electrical Engineering, Bachelor of Science September 2013 – August 2017
Baluchistan University of Information technology, **Engineering and Management Sciences** (BUITEMS),
Pakistan (www.buitems.edu.pk)
Obtained CGPA 3.228/4.0

Specialized in Power. Actively participated in team projects to create real world applications. Served as Teaching Assistant for introductory logic design, responsible for assignment grading, class review sessions, and one-on-one student meetings.

Pre- Engineering , Higher Secondary School July 2011 – August 2013
Islamia Boys College, Quetta, Pakistan
Obtained Percentage 64.0 %

Studies focused in engineering subjects such as Mathematics, Physics and Chemistry. Learned basic concepts and applied these concepts to practical issues.

Matriculation , Secondary School March 2009 – Jun 2011
Government High School, Quetta, Pakistan
Obtained Percentage 63.0 %

Studies focused in Science subjects such as Mathematics, Physics, Biology and Chemistry. Learned basic concepts and applied these concepts to practical issues.

PROJECTS

Solar Powered Vehicle

My Undergraduate degree thesis is on Solar Powered Vehicle. The basic principle of solar car is to use energy that is stored in a battery during and after charging it from a solar panel. The charged batteries are used to drive the motor which serves here as an engine and moves the vehicle in reverse or forward direction. The resistive foot pedal is provided so as to control the motor speed. This idea, in future, may help protect our fuels from getting extinguished. The research paper of this work has been accepted by the faculty of ICT, BUITEMS 2017.

Full wave controlled rectifier

During my Bachelor degree, I worked on Full-wave Controlled rectifier. The full-wave controlled rectifier was firstly performed by me using Matlab and Psim soft wares on the basis of these results I have designed hardware. In controlled rectifier thyristor is used as a controlled Rectifier. Thyristor starts conduction after a delay angle alpha (α). The output of the hardware was observed through oscilloscope and was smooth This full-wave controlled rectifier was than successfully used as a battery charger. The work of this project has been presented in IEEE format in 2016.

Skills

C/C++
Assembly Language (x86 architecture)
Ladder Language (PLC)
Matlab R2010a
Multisim
LATEX

PROFESSIONAL EXPERIENCE

Trainee Engineer, Winter Internship
25 January 2016 – 04 March 2016

Quetta Electric Supply Company (QESCO), Pakistan.

Worked at Grid Station of QESCO, Understood the, distribution of electrical energy. Understood the whole system and the components inside the system. Visited control panels rooms where different protection relays were installed. During this internship I have also visited the QESCO training center where the basics of Electrical Engineering was thought and performed.

Fazaia Inter College Samungli road Quetta.
28 September 2017 – till now

I am working at "Fazaia Inter college Samungli, Quetta" from 28 September, 2017 to till now as a Physics Teacher. I am taking Secondary and higher secondary Classes. My teaching methodology always proved to be incredible. My record keeping, class discipline, practical performance, concept building and results are always satisfactory.

Physics Laboratory In-charge
28 September 2017 – till now

I am working at "Fazaia Inter college Samungli, Quetta" as a Physics Laboratory In-charge from 28 September, 2017 to till now. During this period, my services were found to be satisfactory in carrying out the job duties, my responsibilities are to:

- Maintain consumable and non-consumable lists of different items/apparatus used during different experiments
- Perform various experiments related to Electrical and Mechanical fields.
- Arrange work-shops for the students so that they can utilize their theoretical concepts into practical work in the laboratory.

Languages

English (Can read, write, and speak fluently)
IELTS test with five Bands conducted by British Council in 2014 at Karachi, Pakistan.
Urdu (Native)
Pashto (Basic)

HONORS & ACHIEVEMENTS

Awarded Prime Minister Laptop under a merit list issued by HEC, based on CGPA.
Awarded "Best typing master" title at DELL institute, Quetta in 2013.