



ABDUL SAMAD

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D.O.B 05/01/1996



OBJECTIVE

Seeking for an opportunity to work with an organization that will provide a platform to utilize my technical skills and enrich my knowledge to help in the process of organizational and self-growth.



EXPERIENCE

Internship | Gadoon Power Plant

JULY 2017 – AUGUST 2017

Working projects:

- Study and testing of **generator, transformer protection system**.
- Detail study of **Turbine Governor System**.
- Detail study of **Static Excitation System**.



EDUCATION

BS Electronic Engineering | Ghulam Ishaq Khan Institute, Topi, Pakistan

2014 – 2018

CGPA: 2.78/4.00

FSc Pre-Engineering | KANZ College, BISE D.I.Khan

2012 – 2014

Marks: 834/1100

SSc | BISE D.I.Khan

2011

Marks: 839/1050



FINAL YEAR PROJECT

Design and implementation of “A Portable Hydro Power Generator”.

A portable device that stores electrical energy and is rechargeable from a running stream. The stored energy in it will be sufficient to charge USB-connected devices. It has two main parts: Generation of electricity and its storage. For generation, turbine has been designed and then through generators this energy is stored in a Li-ion battery. The buck converter (step down circuit) enables us to connect our electronic gadgets through USB cable.



ACADEMIC PROJECTS

JYRC (maze following robot)

The major project before FYP, a robot programmed in a way to map the maze at first trial and when again placed on the maze will follow the shortest path.

Solar Tracking System

A micro-controller based project, the servo motors manipulated with micro-controller in a way that it will rotate the panel in the direction of maximum light intensity.



SKILLS

Technical and design Skills

- Microcontrollers interfacing (RB pi, Arduino, AT89C51, PIC18F458)
- Proteus & Multisim
- C++
- PLCs using ladder logic
- MATLAB & PWS
- MS Office
- Power World Simulator

Personal/Managerial Skills

- Team Player
- Self-Learning
- Team Management & Leadership
- Communication & Negotiation skills
- Presentation skills



ACHIEVEMENTS

AIESEC Student Exchange Program

2016

AIESEC is an international student run non-government organisation which organises an exchange program for students every year and I was selected for this exchange program held in Malaysia in 2016.

JYRC

2017

Took part in junior year robotic competition (JYRC) 2017, a robotic competition held in GIKI Institute organized by IEEE GIKI-Chapter.

3rd Position In "Industrial Open House" at GIKI

2018

Industrial Open House is the FYP competition held at GIKI every year in which about more than 100 FYP projects are registered. Our FYP group got 3rd position in this competition in 2018.



INTERESTS

- Reading
- Gym workout
- Sports