

# MUHAMMAD SHADAB ALAM KHAN

## PERSONAL PROFILE

- **NAME** : Muhammad Shadab Alam Khan
- **Father Name** : Muhammad Arshad
- **SEX** : Male
- **DOMICILE** : KPK
- **DISTRIC** : Peshawar
- **DOB** : 27<sup>TH</sup> /09/1994
- **ADDRESS** : Malik House N0-34 Inside Lahori gate sabz pir Road Peshawar City
- **CONTACT NO** : 03436003441
- **E-mail** : engr.mshadabkhan@gmail.com



**Registered with Pakistan Engineering Council (PEC)**  
**Registered ENGINEER**

## CAREER OBJECTIVE

Aim to be associated with progressive and growth oriented organization that gives scope to apply my talent and skills with hard work and determination and to be a part of the team that dynamically works towards the growth of the organization.

## ACADEMIC QUALIFICATIONS

| PASSING YEAR | DEGREE   |
|--------------|--|
| 2017         | <b>Bachelor Of Science In Electrical Engineering (POWER)</b><br>City University of Science & Information Technology Peshawar City, Pakistan<br><b>CGPA 3.30/4.00 – (1<sup>st</sup> Division)</b> |
| 2012         | <b>HSSC (Pre-Engineering)</b><br>Govt. College Peshawar, Pakistan<br><b>A-Grade (1<sup>st</sup> Division)</b>  |
| 2010         | <b>SSC (Science)</b><br>Peshawar Model School Boys-IV Dalazak Road Peshawar Pakistan<br><b>A-Grade (1<sup>st</sup> Division)</b>   |

## PERSONAL STRENGTH

- Ambitious, enthusiastic and hard worker even under critical circumstances.
- Multi-disciplinary Team Worker with strong communication and coordination.
- Flexible to learn new skills, ready to Travel. Confident and Smiling Nature.

## WORK EXPERIENCE

### **National Transmission & Dispatch Company (NTDC) 220 KV Grid Station New Shahibagh, Peshawar City, Pakistan**

Training carried out in Electrical & Mechanical maintenance work over 220/132/11KV Switch Gear and also experience in the maintenance of Power Transformer, CT & PTs

**Position:** As a internee

**Duration:** (From 4-08-2017 to 4-10-2017)

## ACADEMIC PROJECTS

- **FINAL YEAR PROJECT:**

### **“Vehicle Powered By Solar Energy”**

#### **Description:**

In this project we deal with renewable energy (Solar Energy) and other nonrenewable energy (Engine). Through these two sources we implement a hybrid system in which mainly two sources are required to run the vehicle, the main source for this vehicle is renewable source. Both these sources are utilized in mechanical system.

- **Research on DC Micro-Grid**

### **Design of DC Micro-Grid (Using Renewable Energy PV Solar Panel )**

#### **Description:**

DC Micro-Grid is under research in order to efficiently utilized solar photovoltaic energy. DC Micro-Grid is under research as a replacement of AC Micro-Grid This project comprised of following things. First is to calculate all connected loads for the source and then we have to find the number of batteries and charging current of the batteries also charging time required for the batteries, furthermore DC to DC converter are also calculated as some of DC loads are operated at different voltages and in last photovoltaic (PV) panels are calculated for the load to provide supply to the batteries (as backup) and also directly supplied to load (without battery). After finding these numbers and types of loads and sources, DC power system has design.

- **Course Projects:**

1. Automatically controlling of streets lights using LDR sensor
2. Water level alarm using 555 timer
3. Two way switch wiring for a load
4. Relay's operation through arduino

## PROFESSIONAL SKILLS

- Calculation and Designing for Installation of DC Micro-Grid
- Designing of Hybrid Vehicle (Solar & Engine)
- Relay's implementation
- Circuitry designing for home appliances
- Power world (software used for Transmission line designing )
- Multisim
- AutoCAD

## COMPUTER EXPERTISE

- MS Word
- MS Excel
- MS Power Point
- Software Installations
- 35 words per minute typing speed
- Window Installation

## PROGRAMMING LANGUAGES

- C++
- MATLAB
- Arduino
- Microcontroller
- Microprocessor

## WORKSHOPS AND SEMINARS

- **“Science exhibition”**

Participated in science exhibition held on 30/09/2006

- **“CULTIVATING SUCCESS”**

**A success leading training session**

Participated in as session held on 28/2/2017

Organized by city university of science and information technology Peshawar, Pakistan

- **“ CAREER PLANNING”**

Complete course on career planning

Held from 24/2/2017 to 19/5/2017

Organized by career development center (CDC),CUSIT Peshawar, Pakistan

## **CO-CURRICULAR ACTIVITIES**

- Member, CUSIT Organizing Society from 2015 – 2016.
- Member, CUSIT Literary Society from 2016 – 2017.
- Organizer at 2<sup>nd</sup> International Conference On Emerging Trends In Engineering, Management And Science (ICETEMS-2016)

## **LANGUAGES**

- English
- Urdu
- Hindku
- Pushtu