

# Engr. MUJAHID USMAN

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(PAKISTAN)

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## Personal Information

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Father's Name	MUHAMMAD IDREES	Gender:	MALE
Nationality By Birth:	PAKISTANI	Religion:	ISLAM
Nationality At Present:	PAKISTANI	Marital Status:	SINGLE
Domicile Province:	Punjab	Medical Category:	FIT
Date of Birth:	11-Sep-1992	Place of Birth:	Khewra

## Academic Information

### BS ELECTRICAL ENGINEERING

**University** COMSATS Institute of Information Technology (CIIT), Sahiwal, (Pakistan)

**Subjects/Specialization** Electrical Engineering

**Pec Registration No** ELECTRICAL/68603

### F.Sc - PRE ENGINEERING

**Institute** Punjab College Rawalpindi (Pakistan)

**Subjects/Specialization** MATHEMATICS, PHYSICS, CHEMISTRY

**Board/University** Rawalpindi Board

### MATRICULATION

**Institute** Misali Ravian High School Sargodha, Pakistan

**Subjects/Specialization** MATHEMATICS, SCIENCE

**Board/University** Sargodha Board

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## **MAJOR SUBJECTS ( BS ELECTRICAL ENGINEERING)**

Electric Circuit Analysis, Electronics, Electric Machines, Microprocessor System and interfacing, RF Electronics, Optoelectronics, Power electronic, Industrial Electronics.

### **Final year project (Dc motor control by mobile phone)**

“The goals of this project are to control the direction, braking and speed of DC motor. Power supply is use to deliver the 12 volt to AT-Mega 2560 And 5 voltage to H-Bridge. The GSM module is use to make this project as a user friendliness to control the interface yet make it more useful. Pulse Width Modulation (PWM) technique is use where Arduino AT-Mega 2560 The DC motor driver, H-Bridge is use in this project to control the direction & the braking of the DC motor generates its signal. Six push buttons are attach directly to AT-Mega 2560 for manual operations in case of failure of AT-commands .16 x 2 Liquid Crystal Display (LCD) module is add at receiving side. It functions to display the outputs or corresponding actions that obtain from the AT-Mega 2560.

## **Achievement and Co-Curricular Activities**

- Delivered more than 25 presentations at different forums.
- Represented College in Cricket tournaments and in university.
- Reading books.
- Completed Final Year Project in given time.
- Making Electronics Projects.

## **SKILLS**

- Respectable SPEAKING, WRITING and PRESENTATION Skills
  - Self-motivated and Result-Oriented Team player
- Language Skills:
- URDU (Fluent)
  - ENGLISH (Good)
  - Punjabi(Fluent)
- Software Tools: MICROSOFT OFFICE, Proteous, Easy pc.
  - Circuit Design.
  - Innovative Thinking.
  - Complex Problem Solving.
  - Leadership.
  - Decision Making.
  - Active Learning.

## **Experience**

### **1-Internship**

Worked as internee in ICI SODA ASH Khewra from 16-july-2016 to 12-August-2016.

### **2- Final Year Project**

Worked as Group leader in final year Project from 6-Feb-2017 to 6-jan- 2018.

### **3- Semester Project**

Worked on different semester projects like Auto street light in 1-sep-2014 to 6-jan-2015 and plant irrigation system in 6-feb-2015 to 22-june-2015