

## CURRICULUM VITAE



### **MUHAMMAD BILAL AKBAR**

#### ***Electrical Engineer***

Post Office Laphi Tehsil Kallar Kahar District Chakwal, Punjab, Pakistan.

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### **OBJECTIVE**

To enhance my potential and skills, working with commitment and excellence in a dynamic and progressive organization.

### **PERSONAL INFORMATION**

Name	Muhammad Bilal Akbar
Father Name:	Akbar Khan
Date of Birth:	July 30th, 1994
Permanent Address:	Post Office Laphi Tehsil Kallar Kahar District Chakwal, Punjab, Pakistan.

### **EXPERIENCE**

- **Four weeks Internship in IESCO Chakwal.**  
Briefly explained the instruments used in Grid Station and the safety precautions.
- **Six weeks Internship in PEL Lahore.**  
Work in Marketing department, Visiting the units & Presenting the tasks.

### **EDUCATION**

#### **2013-2017**

BSc Electrical Engineering  
University of Engineering & Technology Taxila, Punjab, Pakistan.

### **CERTIFICATION**

- PEC Member with Registration No. **ELECT/64444**
- **Programmable Logic Control System**  
**Duration:** 3 Months  
Able to perform different tasks on STEP 7-Micro/WIN for S7-200
- **MEP Training**  
**Duration:** 2 Months  
**Tool Used:** Revit MEP  
Able to design following:
  - Architecture designing of building
  - HVAC load calculations and ductwork
  - Plumbing fixture
  - Fire protection system
  - Electrical wiring
  - Electrical communication system
- **English Language Certificate**

## COMPUTER SKILLS

- MS-Office including Word, PowerPoint and Excel
- PSS/E
- MATLAB
- Turbo C++
- Multisim
- AutoCAD
- PROTEUS
- ETAP
- STEP 7-Micro/WIN for S7-200
- Revit

## PROJECTS (Undergraduate)

- **Final Year Project**  
**Impact of Distribution Generation Penetration on Power System using PSS/E.**  
The optimum penetration levels of 33-Bus System for Commercial, Industrial and Residential load are 43%, 41% & 36% respectively when DG is placed at 6<sup>th</sup> Bus. And 15-Bus System are 47%, 45% & 41% respectively when DG is placed at 3<sup>rd</sup> Bus.
- **Tachometer using Arduino for calculating the Speed of Machine.**
- **Automatic Plant Irrigation System without any Human interference.**
- **Smoke and Fire Alarm System.**
- **12V DC to 220VAC Inverter.**
- **Traffic Light System using PLC.**

## PROFESSIONAL SKILLS

- Able to work with diverse people.
- Able to work under pressure.
- Team Management Skills.
- Group Leader throughout study career.

## LANGUAGES

- Urdu
- English
- Punjabi