



## Muhammad Abdullah

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**Gender:** Male **Date of birth:** 01/09/2001 **Nationality:** Pakistani

### ABOUT ME

*As a Materials Engineering student of Gulam Ishaq Khan Institute(GIKI), I am skilled at implementing complex manufacturing strategies and have been a part of various activities, including working with the team to design and implement manufacturing processes and layouts. My internship experience allowed me to develop sector knowledge, and teamwork coordination and gain hands-on experience in a professional environment. Seeking to leverage my expertise and abilities in the role of Manufacturing engineer.*

### WORK EXPERIENCE

[ 01/08/2022 – 01/09/2022 ]

#### Internship Trainee

##### **WAPDA - Water And Power Development Authority**

**City:** Tarbela Dam

**Country:** Pakistan

Working as an internee engineer with WAPDA at TARBELA (TPS I, II)

Main Responsibilities:

V OPERATION:

- Supervised and controlled the whole powerhouse through SCADA.
- Monitoring, Acknowledging, and Identifying Power Plant, Switchyard, and Forebay abnormalities through SCADA at the Central control room.
- Monitoring and handling of any kind of emergency & abnormality in the powerhouse and switchyard.
- Provide technical support and assistance to team members.
- Make Coordinate with electrical, mechanical, instrumentation and protection department.
- Take care and make decisions during emergencies Safe start-up and shutdown & synchronization of the unit.
- Monitoring and handling of any kind of emergency & abnormality in the unit. Make Smooth & efficient operation of the unit and related auxiliaries.
- Load management as per the demand and production Contributing technical expertise in cogeneration power plant (T-4) maintenance and operation. To change the load (MW/MVar) as per the demand of NPCC, System Constraints, and water availability.

[ 01/06/2022 – 01/07/2022 ]

#### Internship Trainee

##### **Government of Baluchistan**

**City:** SUI

**Country:** Pakistan

Oil and Gas exploration

- Understood the overall working and process of gas plants, gas rigs, and exploration survey equipment (Sui Gas Plant and Central Processing Facility-CPF, Pir-Koh gas field)
- Participated in inspection and maintenance activities.
- Participated in exploration activities.

[ 10/09/2022 – Current ]

#### Technical Team Head

##### **Team Urban (GIKI), Ghulam Ishaq Khan Institute**

**City:** Topi

**Country:** Pakistan

- Manufacturing fuel-efficient automobiles and participating in the 'Internal Combustion' category of **Shell Eco-Marathon Asia**.
- Worked on Electronic fuel Injection, Braking systems, and all parts of modern automobiles.

## HONOURS AND AWARDS

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[ 2023 ] **Dean's Honors List Awarding institution:** Ghulam Ishaq Khan Institute of Engineering Sciences and Technology

## EDUCATION AND TRAINING

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[ 10/09/2020 – Current ]

### **BS in Materials Engineering**

**Gulam Ishaq Khan Institute** <https://giki.edu.pk/>

**Address:** Tarbela Road, District Swabi, Khyber Pakhtoon Khwa, Topi, Swabi, Khyber Pakhtunkhwa 23640, 23640, Topi, Pakistan

**Field(s) of study:** Manufacturing

**Final grade:** 2.85

[ 01/09/2018 – 15/06/2020 ]

### **Higher Secondary School (Pre Engineering)**

**Government College University, Lahore (GCU)** <https://www.gcu.edu.pk>

**Address:** Government College University, Lahore, Punjab 54000, 54000, Lahore, Pakistan

## DIGITAL SKILLS

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Origin | Creo Parametrics | Ansys LS-DYNA | XPert HighScore | Matlab

### **Microsoft**

Microsoft Office | Microsoft Word | Microsoft Excel | Microsoft Powerpoint