



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

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

EDUCATION AND TRAIN-

ING

[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

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

Microsoft

Microsoft Office | Microsoft Word | Microsoft Excel | Microsoft Powerpoint