

# Ijaz Akbar

Mechanical Engineer

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Dubai, UAE

A purpose-driven individual with vast theoretical and experiential knowledge of Mechanical Engineering, aiming to be a part of an organization where I can fully utilize and enhance my technical and management skills and play an active role in the organization's success.

## EDUCATION

- Bachelor of Science in Mechanical Engineering**  
Ghulam Ishaq Khan Institute of Engineering Sciences and Technology  
08/2015 - 06/2019 Swabi, Pakistan

## WORK EXPERIENCE

- Project Engineer**  
HHB Engineering (Pakistan Tobacco Company)  
06/2020 - 10/2021 Jhelum, Pakistan

### Achievements/Tasks

- Project Lead for the Disassembling And Packing non-operational Machinery
- Fabrication and Installation of Dust Collector in services Area
- Upgradation and installation of lifeline in all leaf warehouses in PTC Jhelum Factory
- Led project PTFE Free site at customer premises by replacing all asbestos and Teflon gaskets installed in services areas
- Led Overhauling Of Tobacco Production Line Safety
- Project Lead For Installation Of Conditional Cylinder in Primary Manufacturing Department
- Led Installation Of Roller Conveyor Line For C48 Boxes in Primary Manufacturing Department.
- Activity lead and SPOC for customers for routine up-gradation, fabrication and design activities at customer site
- Ensuring compliance to permit to work system and workplace safety procedures.

- Maintenance Engineer**  
Dynea Pakistan Ltd.

07/2019 - 05/2020 Swabi, Pakistan

### Achievements/Tasks

- Planning and undertaking scheduled maintenance
- Analyzing and Responding to Mechanical failures
- Overhauling of Pumps, Blowers, Compressors, Shaft assemblies, Ball Mills, Crushers, Kneaders, and Reactors etc.
- Ensuring company EHS policy implementation
- Managing and keeping records of the Mechanical Store
- Implementing 6S Lean Methodology to promote and sustain a high level of productivity and safety throughout the workspace

- Mechanical Design Intern**  
SHIBLI

06/2018 - 08/2018 Islamabad, Pakistan

### Achievements/Tasks

- Problems identification and researching solutions to improve military surveillance equipment.
- Designing CAD Models and supervising the manufacturing of prototypes
- Presenting new ideas and designs to develop new products
- Coordinating with members from different teams to study every aspect of product development

## SKILLS

- MATLAB
- CREO Parametric
- C++
- SOLIDWORKS
- Microsoft office
- Events Management
- AutoCAD
- Project Management
- Total Quality Management

## ACADEMIC PROJECTS

Design and Fabrication of A Small Scale Dry Vacuum Pump.  
(Undergraduate Final Year Project)

Development of a Novel Remote Centre of Motion Mechanism  
For Eye Surgery

## ACHIEVEMENTS

Got merit-based Financial Assistance at GIK Institute, Topi Pakistan

Executive Member, The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)-GIKI Chapter

Secured 1st Position in District in Secondary School Examination

Placed among the Top 20 position holders in BISE Peshawar in HSSC Examination

Pre-Engineering

## LANGUAGES

Pashto Native or Bilingual Proficiency	English Full Professional Proficiency
Urdu Native or Bilingual Proficiency	Korean Elementary Proficiency

## INTERESTS

- Science
- Reading
- Travelling
- Gardening
- Playing Cricket