

Zeeshan Azad

OBJECTIVE

Mechanical Engineer, looking forward to learn from a professional organization through hard work, passion and commitment to achieve excellence.

PERSONAL INFORMATION

Father Name: Muhammad Azad

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EDUCATION

- **HITEC University, Taxila Cantt, Pakistan**

Bachelors in Mechanical Engineering

Status: Completed

CGPA: 3.1/4.00

AWARDS AND ACHEVEMENTS

- Runner-up, Research Paper Presentation ASME GIK
- Runner-up, National CAD Competition UET Taxila.

CERTIFICATIONS & SKILLS

Language – English, Urdu

Technical Skills - Experienced CAD Designer (PTC Creo), Static / Transient Ansys Simulations (CFD/CFX/ICEM/FEM).

1- Ansys CFD/CFX Certified, Meekat International, UK

2- IOSH Managing Safely Certified, KASCO OTC, UK

Skills

1- Lathe and Milling

2- Reverse Engineering (FARO-ARM)

3- AutoCAD

4- Microsoft Office

5- Moulding Machines

6- Lab-View Basics

7- Problem Solving

Memberships

- President Society of Mechanical Engineers Pakistan,
- Member of HITEC University PRESS CLUB.
- Volunteer ALMS 360 Welfare Organization
- Member Entrepreneurship Development Institute

Design Projects:

- CAD Design of 6 DOF Robotic Arm.
- Design and Fabrication of Catapult
- Design and Fabrication of Turbocharger Test Rig
- Smartphone Controlled Arduino Bluetooth Car
- Design of a Kettle optimized insulation
- Design of Planetary Gears

Final Year Project:

This project included fabrication of Turbocharger Test Rig able to autonomously monitor Pressure and Temperature of thin oil film over floating bearing surface in the centre housing of turbocharger at different RPMs. With the selection of Oil grade most suitable for Turbocharger's efficient performance.

Friction measuring setup was designed to get the brake torque for turbocharger shaft which in turn gives friction experienced by multiple oils inside an intricate Turbocharger housing

Experience

1. CAD/ANSYS 2 Years' Experience (Remote)
2. Intern Millat Tractors Ltd Lahore
3. Intern Ma'Aref Technologie Islamabad

Present-

Business Development Engineer Ma'Aref Technologie (Pvt) Ltd

REFERENCES

Jan-Karel Konnings,
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