

Muhammad Waqar

Mechanical Engineer

I am confident to work in a diverse environment, utilizing my professional, management, analytical, organizational and soft skills. I offer my entire potential to achieve the organizational goal(s) and keenly motivated to contribute my role in constructive process.



✉ waqaurangzeb@gmail.com

☎ +923449437934

📍 Village Chahan P/O Bandi Maira District, Abbottabad, Pakistan

EDUCATION

B.Sc. Mechanical Engineering

University of Engineering and Technology
Peshawar, Pakistan.

06/2013 – 09/2017

CGPA 3.36

WORK EXPERIENCE

Incubatee

GIK Institute of Engineering Sciences & Technology

07/2018 – Present

Topi, Swabi /KPK, Pakistan

Achievements/Tasks

- Product research and development, which is actually cooling jacket designed to lower or stabilize the human body temperature when exposed to warm climates by using phase change material.
- prototype formation.
- sustainable business development.

Teaching Professional (Visiting Faculty)

GOVT College of Technology

07/2017 – 07/2018

Abbottabad/KPK, Pakistan

Achievements/Tasks

- Demonstrated courses including, Industrial Material, Production Planning & control & Thermodynamics to B-Tech. students and Presented practical demonstration.
- Contributed in college disciplinary committee to maintain student's overall code of conduct

INTERNEE

Pakistan Petroleum Limited

07/2016 – 08/2016

Gujjar Khan Rawalpindi, Pakistan

Achievements/Tasks

- Worked with technicians for routine maintenance of petroleum plant parts (compressors, pumps, fans etc.) to ensure smooth operation of the equipment.
- Worked on Siemens Gas Turbine (SGT-300) planted at Pakistan Petroleum Limited

INTERNEE

AL MOIZ INDUSTRIES

06/2015 – 08/2015

Mianwali, Pakistan

Achievements/Tasks

- Worked with technicians for routine monitoring of sugar processing plant and ensured working and maintaining cooling plant, boiler and transmission line

16 September, 2018

SKILLS

Solid works

AutoCAD

office automation

MS Project

Photoshop

PROJECTS

Design & fabrication of compact tobacco barn and analysis of flue curing process (2017)

- Design and fabrication of lab scale Equipment and automatic control system to automate the process to maintain temperature and humidity level inside the Tobacco Barn for testing of tobacco Curing. Secondly, we carried out a five day and a six-day curing process on leaves and to analyse the effect on quality of leaves. At last to evaluate the performance of the Barn and to compare the performance with that of a conventional barn

Nature of Heat treatment process on steel specimen..

Casting and rolling techniques

CERTIFICATES

Effective Maintenance Techniques certificate (2016)

Management of team Work certificate (2016)

Troubleshooting Techniques certificate (2016)

ACHIEVEMENTS

Best Teacher Award from Government College of Technology Abbottabad 2017.

STORI da Pakhtunkhwa scholarship award for getting First position in BISE Abbottabad among GOVT Colleges

Got 1st position in SSC and HSSC exams at School and College level.

I was awarded with laptop through PM national laptop scheme 2016

HEC Scholarship holder.

INTERESTS

Startup and entrepreneurship

Aircraft maintenance

Renewable & Alternative Energies

Reading