



OSAMA FAYYAZ

MECHANICAL ENGINEER



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Building No. 10 Zone 37
Street 815 Doha-Qatar



KEY SOFT SKILLS

- Problem Solving
- Data Analyzing
- Communication
- Critical Thinking
- Team Work



LANGUAGES KNOWN

- English :Fluent
- Hindi :Fluent
- Urdu :Fluent
- Arabic :Intermediate



PERSONAL DETAILS

Father's Name	Fayyaz Ahmad
Date of Birth	23 rd November 1994
Nationality	Indian
Religion	Islam
Passport No	J3518752
Qatar ID No	29435601274
Sponsorship	Family



OBJECTIVE

Dedicated, earnest and motivated graduate student seeking entry level assistant researcher position in material science department to enhance my tender knowledge with experience under renowned and multidisciplinary researcher.



ACADEMIC QUALIFICATION

- Bachelor of Engineering-Mechanical (2014-2018)
K.C.T Engineering College, Gulbarga, India
Affiliated to Visvesvaraya Technological University, Approved by AICTE.
- All India Senior School Certificate-Science (2014)
Ideal Indian School, Doha-Qatar
Central Board of Secondary Education



CERTIFICATION

✓ Completed a course in **Heating Ventilation and Air Conditioning (HVAC)** from Design Tech Institute.



PROJECT SUMMARY

Title: **Generation of Effective Electric Power on a Treadmill Using Chain Drive by Human Effort**

Team Size: 4

Duration: 6 months

Description: Design and development of chain drive to convert mechanical energy into electrical energy upto an efficiency of 94% to utilize the human effort that is being wasted during exercise.



TECHNICAL SKILLS

- Data collection and analysis using SPSS v25.
- Ability to calculate heat load through ASHRAE manual, E20 Chart and HAP v4.41.
- Material selection for AHU, piping and insulations.
- Drafting of machines in Solid Edge v19
- Machine Design and Modelling in Solid Edge v19.
- Model analysis by using Ansys5.7 software.
- Programming for CNC Lathe.
- Microsoft Office: Word, PowerPoint and Excel.
- Operating Systems: Windows XP, Windows 7, Windows 8.