

MOHD FAHEEM

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MANIPAL
UNIVERSITY

SUMMARY

"Motivated and detail-oriented 3rd year Mechanical Engineering student with an good academic background and practical expertise in every aspect of mechanical design and analysis. Capable of using engineering software such as AutoCAD, Creo Parametric, and ANSYS for modeling, simulation, and prototyping. Excellent team member with good communication skills, keen to contribute to hard projects and make a significant contribution in mechanical engineering."

EDUCATIONAL QUALIFICATIONS

B. Tech, Mechanical	Manipal University Jaipur	7.7/10	2025
Diploma, Mechanical	Roorkee Institute of Technology, Roorkee	80.4%	2021
10 th	JP Public School, Chandpur Dist. Bijnor	10CGPA	2015

Skills

- Designing software AUTODESK, Creo Parametric
- Simulation software ANSYS
- Programming Language MATLAB
- Other Skills MS Excel, PowerPoint, PPT

Relevant Courses

- **AUTODESK**
Introduction to Mechanical Engineering Design and Manufacturing with fusion 360 (March 23, 2024)
- **Introduction to programming with MATLAB**
Skills earned: Computer programming - Problem solving - MATLAB Programming Language (March 30, 2023)
- **Introduction to Thermodynamics: Transferring Energy from Here to There**, Coursera, University of Michigan (Nov 19, 2022)

ACADEMIC PROJECTS

- **Study on some aspects of Computational Fluid Dynamics of Solar Air Heater**
Studying computational methods for solar air heaters involves exploring various aspects related to the design, optimization, and performance evaluation of these systems. Here's an outline of some key aspects you might consider in such a study.
- **A Comprehensive Review of 4D Bio-Printing with two other teammates**
A comprehensive review on 4D Bio-printing would encompass various aspects of this emerging field, which combines the principles of 3D Bio-printing with the added dimension of time, enabling printed structures to change shape or function over time in response to external stimuli.
- **Working Project about Electric Vehicle**
Collaborated with two teammates on the development of an electric vehicle, showcasing teamwork, technical expertise, and project management skills.

INTERNSHIPS

- **Everest Industries Limited**, Sikenderpur Road, Lakesri, Uttarakhand 247661
Mechanical Intern 5th June 2024 – 5th July 2024
- **Dwello Aerospace**, Judge Colony, Jakkha, Bazardiha Varanasi, Uttar Pradesh, 221109 India
Intern 1st June 2024 – 1st July 2024 (Online Mode)
Tasked with completing project on designing a De Laval Nozzle for liquid rocket engine on software Fusion 360

CO-CURRICULAR ACTIVITIES

Certifications

- **Certificate of Completion**, For successfully completing the course on “ Rocket propulsion and Spacecraft Dynamics” Conducted by **KODACY, an official space tutor of Indian Space Research Organisation (ISRO)** (3rd April 2024)
- **Certificate of Participation, OMSPACE ROCKET AND EXPLORATION PVT LTD** for successfully completing “ YOUNGSPACE ROCKET-ED PROGRAM”2 Day workshop on Rocket Science (19th & 20th June 2021)
- **Certificate of Participation, OMSPACE ROCKET AND EXPLORATION PVT LTD** for successfully completing the : “INTRODUCTION TO COMBUSTION“, “ROCKET MODELLING WITH OPEN ROCKET“, “ALL ABOUT MARS“ (23rd & 24th May 2021)
- **Certificate of Participation**, Robo Prime Challenge of TechnoXian District Championship at Roorkee Institute of Technology & 6th Oct 2018) (5th)