



BRIEF SUMMARY

Seeking a good position in the core mechanical company and and creative engineering environment. Aim to work extra hard to achieve my target and give the best performance in the organization. I am eager to utilize my innovative abilities, skills for the accomplishment of the projects carried out.

KEY EXPERTISE

Fusion 360 CATIA Automobile Vehicle Dynamics Management Leadership

EDUCATION

MIT Academy of Engineering, Pune

2020 - 2024

B.Tech. - Mechanical Engineering | CGPA: 7.70 / 10

KARMAVEER BHAURAO PATIL MAHAVIDYALAYA, Solapur

2020

12th | MSBSHSE | Percentage: 57.38 / 100

Suyash Gurukul, Solapur, Solapur

2018

10th | MSBSHSE | Percentage: 80.40 / 100

INTERNSHIPS

Evfarm India Private Limited

19 Jun, 2023 - 27 Jul, 2023

Production & Quality Engineer

Key Skills: Fusion 360 CATIA Assembly Drive Test Automobile Automotive Electronics

The project aims to establish an advanced electric vehicle (EV) manufacturing facility that produces high-quality, affordable, and sustainable electric vehicles. The facility will be designed to optimize efficiency, safety, and environmental responsibility. Key objectives include developing a range of EV models, implementing cutting-edge technologies, sourcing sustainable materials, promoting workforce development, and fostering partnerships. The project will focus on facility design and construction, EV development, optimizing the supply chain, refining the manufacturing process, and providing education and training programs. The expected outcomes include the production of environmentally-friendly EVs, increased market share, job creation, reduced greenhouse gas emissions, technological advancements, and strategic collaborations. Ultimately, the project aims to accelerate the transition to sustainable transportation and make a positive impact on the environment and society.

PROJECTS

Design and Development of radial axis of gear hobbing machine

03 Sep, 2022 - 29 Dec, 2023

Mentor: Dr. Prafulla Hatte | **Team Size:** 4

Key Skills: SolidWorks Fusion 360 CATIA

The objective of this project is to design and develop the radial axis component of a gear hobbing machine. The radial axis plays a crucial role in the precision and accuracy of gear cutting processes. By optimizing the design of this component, we aim to enhance the overall performance and efficiency of our gear hobbing machine.

Water Waste collecting mechanism.

30 Jun, 2023 - 30 Sep, 2023

Mentor: Mrs.Archana Mane | **Team Size:** 3

Key Skills: CATIA OpenCV Python Sensors Sustainability

Water waste collecting machine which automatically collect the garbage & hazardous waste from water with less human effort.

AUTOMATED PORTABLE HAMMERING MACHINE

13 Aug, 2021 - 27 May, 2022

Mentor: Dr. Vibhav Ambardekar | **Team Size:** 4

Key Skills: Fusion 360 Product Management Automotive Product Design

The aim of this project is to design and fabricate an automated portable hammering machine which will be able to perform hammering operations without any involvement of a human. The reason behind selecting this project is because there aren't any machines available for work in industries. With the help of an automated portable hammering machine the industries will be more productive and will operate in a safe and easy manner. The main objective of this project is to make an automated portable hammering machine with a hammer, pulley and shaft assembly, 16V battery for the hammering operation of the project.

ASSESSMENTS / CERTIFICATIONS

The Complete Hydraulic Course

EXTRA CURRICULAR ACTIVITIES

- NCC Cadet- A Certified
- Kho-Kho- National Player
- Handball- Division Level

PERSONAL INTERESTS / HOBBIES

- Playing Kho-Kho, Travelling, Trekking.

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: Behind Atithi hotel, Hindavi colony 1, Dehu Phata,
Alandi Devachi, Pune, Maharashtra, India - 412105

Emails: onkar.dhavan@mitaoe.ac.in , onkardhavan2002@gmail.com

Date of Birth: 30 Jul, 2002

Known Languages: English, Hindi, Marathi

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