



EDUCATION

MIT Academy of Engineering, Pune B.Tech. - Mechanical Engineering CGPA: 8.64 / 10.00	2019 - 2023
Shraddha junior college, Ichalkaranji 12 th MSBSHSE Percentage: 67.53 / 100.00	2019
Alore Highschool Alore, Ratnagiri 10 th Percentage: 96.00 / 100.00	2017

INTERNSHIPS

IITB research intern Key Skills: Air filtration experimentation Nanotechnology CFD for performing Aerosol and Nano-particle Technology laboratory-based experiments on Air Filter Testing (AFT).	30 Jan, 2023 - Present
Saptasatij Industries Pvt Ltd Design intern Key Skills: Manufacturing Quality Control AutoCAD Design CAD/CAM CATIA I have worked in design and manufacturing department in 6 weeks of internship period.	06 Jun, 2022 - 16 Jul, 2023
MIT academy of engineering dynamics team intern Key Skills: Mechanics Mechanism Design CATIA ANSYS Adams Material Selection worked in design and manufacturing department in 6 weeks of internship period.	01 Jun, 2021 - 31 Jul, 2021
MIT academy of engineering Design intern Key Skills: Fusion 360 Design Electronics Circuit Design CFD 1. RC Plane design 2. Design of Quad-copter 3. Use of ANSYS software	15 Jun, 2020 - 16 Jul, 2020
NITTTR CHANDIGARH START-UP Intern Key Skills: Fusion 360 AutoCAD Design INTERNSHIP ON "3D DESIGN" CONDUCTED BY ENOVATE SKILL VIA ICT MODE	01 Jun, 2020 - 06 Jul, 2020

PROJECTS

The Inter-University Centre for Astronomy and Astrophysics(IUCAA), Pune, Telescope making Mentor: Prof. Purohit Team Size: 3 Key Skills: Physics Mathematics Optics Manufacturing Telescope making	21 Jan, 2020 - 18 Dec, 2022
Design of Vibration belt with hot water bag Mentor: Prof. Ashwin Chandore Team Size: 4 Key Skills: Proteus Circuit Design Fusion 360 AutoCAD Design The project integrated two systems . The vibrating belt provides an exercising effect and hot water bag/bottle to relief the muscles.	
Design of an innovative vertical axis wind turbine Mentor: Dr. Abhijit Malge Key Skills: Literature Mathematics Innovative CATIA Technical Documentation Fluid Mechanics CFD ANSYS	

Design and analysis of an innovative vertical axis wind turbine. And building a prototype for comparing numerical and experimental analysis results.

Designing steering system of ATV

Key Skills: Mechanics Gears Design CATIA Fusion 360 ANSYS Calculations

Designing and analysis of all components in a steering system with rack and pinion gearbox.

PUBLICATIONS / RESEARCH / WHITE PAPERS

Effect of surface roughness on boundary layer thickness

14 Dec, 2022

Numerical study | Journal of Flow Visualization and Image Processing, Begell House Inc. USA. (Applied Sciences & Engineering-Springer) | **Mentor:** Prof. Pramod Kothmire | **No. of Authors:** 6

Key Skills: Fluid Mechanics CFD ANSYS

Presented paper at international FMFP conference at IIT roorkee on a numerical study of effect of surface roughness on boundary layer thickness.

ASSESSMENTS / CERTIFICATIONS

Our Energy Future

Key Skills: Sustainability Environmental Science Renewable Energy

Learnt issues of energy in the 21st century. Examined the emerging field of sustainable energy.

Computational Fluid Mechanics - Airflow Around a Spoiler

Aggregate: 80.0 / 100.0

Key Skills: CFD Fluid Mechanics ANSYS

Understanding cloud-simulation technology and How to set up an incompressible fluid flow simulation around a spoiler and post-process the results.

certificate of presentation in 9th international and 49th national conference of Fluid mechanics and Fluid power

Key Skills: CFD Fluid Mechanics ANSYS

Paper title- Effect of surface roughness on boundary layer thickness

Nature-based Solutions for Disaster and Climate Resilience

nature's many solutions for reducing the impacts from disasters and climate impacts.

programming for everybody (getting started with python)

Aggregate: 96.0 / 100.0

Key Skills: Programming Python Logic Programming

Basics of Python - 2020 (University of Michigan)

the fundamentals of digital marketing **Key Skills: Digital Marketing Web Design**

Key Skills: Digital Marketing Web Design

SEMINARS / TRAININGS / WORKSHOPS

FMFP Conference 2022 (14th to 16th December 2022 Roorkee, Uttarakhand, India)

14 Dec, 2022 - 16 Dec, 2022

Institute Name: Indian Institute of Technology Roorkee

Key Skills: Fluid Power Fluid Mechanics Aerodynamics CFD ANSYS

It was a fluid mechanics and fluid power conference where I presented my research work on aerodynamics domain.

Konnichiwa pune IJBC

17 Nov, 2022 - 17 Nov, 2022

Institute Name: Pheonix marketcity Pune

Key Skills: Organization Performance

IJBC know Japan

14 Oct, 2022 - 15 Oct, 2022

Institute Name: Pimpri Chinchwad College of Engineering

Key Skills: Japanese Career opportunities

Event was about the career and study opportunities in Japan.

Vishwapreneur

08 Jan, 2020 - 10 Jan, 2020

Institute Name: Vishwakarma Institute of Technology

Key Skills: Entrepreneurship

CO-CURRICULAR ACTIVITIES

- Vice- President - Foreign language club MIT AOE
- Vice president : Goonj Music club MITAOE
- Club Mela- Anime Trivia Organizer at MITAOE
- Performance with music team in IJBC event
- Member of Team Niyudrath Racing (Autosports club MITAOE) - Dynamics and Management Department (2021)
- Content Creator (Under25 member)

EXTRA CURRICULAR ACTIVITIES

- Performance and participant at IJBC event Pune 2022

PERSONAL INTERESTS / HOBBIES

- Singing
- Traveling
- Guitar

PERSONAL DETAILS

Gender: Female

Marital Status: Single

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