



BRIEF SUMMARY

To obtain a challenging position within core company where i can apply my knowledge to contribute effectively towards the company's goal .

KEY EXPERTISE

Catia ANSYS CFD Autocad

EDUCATION

MIT Academy of Engineering, Pune

2021 - 2025

B.Tech. - Mechanical Engineering | CGPA: 8.15 / 10

SVERI'S College of Polytechnic, Solapur

2022

Diploma | Diploma - Mechanical Engineering - Mechanical Engineering | AICTE | Percentage: 83.78 / 100

K.N. Bhise Arts Commerce And Vinayakrao Patil Science College, Solapur

2020

12th | Maharashtra State Board | Percentage: 70.77 / 100

Shri Nandikeshwar Vidyalaya, Solapur

2018

10th | MSBSHSE | Percentage: 84.60 / 100

INTERNSHIPS

Aryan Pumps and Enviro Solutions | Core Engineering

18 Jun, 2024 - 30 Jul, 2024

Intern

Key Skills: Team Work CATIA

Aryan Pumps and Enviro Solutions Design and Manufacture Suction And Jetting Machine, Combi recycler and Fire Truck in which i worked on Fire Truck manufacturing Line . CATIA software is used for Drafting of 3D Design. I Worked there for work load Distribution and at assembly line to check that all is going according to Design .

PROJECTS

Design and Analysis of Bike Shield

31 Jul, 2023 - 30 Apr, 2024

Mentor: Dr. R. K. Shastri . | Team Size: 4

Key Skills: CATIA ANSYS

In our major project we are designing a shield for bikers in rainy season and summer season . After the mounting the shield on the bike rider can ride the bike on the road safely during the rain. We are working on this project in 4 students team under the guidance of Dr. R. K. Shastri mam.

Production of Biodiesel from Waste cooking oil

22 Nov, 2022 - 20 Jul, 2023

Mentor: Dr. Subrata Bhowmik | Team Size: 4

Key Skills: Problem Solving

In our minor project during SY we have produced A biodiesel from Waste cooking oil under the guidance of dr. Subrata Bhowmik Sir in a team of 4 Students.

In which we have done literature survey on it and in the production of Biodiesel we used methanol and KOH as a catalyst to increase the rate of reaction .

To get optimum results in experiments like How much amount of biodiesel is produced in 100ml with varying the KOH percentage and methanol percentage to get good results.

ASSESSMENTS / CERTIFICATIONS

The Complete Hydraulic Course

Key Skills: About hydraulics like pumps And Actuators, etc.

The course was about different types valves, pumps, and actuators and their circuits. Their working functions and Real life uses in industry.

Pneumatics Fundamentals

Key Skills: Knowing About Pneumatic Components And its parts

The course was about How Pneumatics circuits work And Components Functions and use in industry

SEMINARS / TRAININGS / WORKSHOPS

Polish Your Personality

12 Apr, 2024 - 13 Apr, 2024

Institute Name: Prof. (Ms.) Pradnya Kamble, Assistant Professor, Maharashtra State Skills University, Aundh, Pune.

We learned about skills like

- * Self Confidence.
- * Manners and Etiquette.
- * Social Etiquette.
- * Verbal and non-verbal communication skills.
- * Appearance Management, etc.

EXTRA CURRICULAR ACTIVITIES

- o Doing courses on NPTEL

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: At Vithai hostel, dehu fata, Alandi., Pune,
Pune, Maharashtra, India - 412105

Emails: akshayb.patil@mitaoe.ac.in , akshyapatil.ap1004@gmail.com

Date of Birth: 10 Apr, 2002

Known Languages: Marathi, English, Hindi

Permanent Address: At Ropale (KH), Tal-Madha, Dist-Solapur,
Dist-Solapur, Solapur, Maharashtra, India - 413209

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