



## BRIEF SUMMARY

Graduate of Mechanical Engineering program with a good academic foundation, a penchant for creativity and problem-solving, and energy and ambition. armed with CAD software, a solid grasp of engineering concepts, and real-world experience gained via school projects and internships. Quick learner with outstanding attention to detail who is committed to taking on new challenges and contributing well to a team environment. In search of an entry-level position where I can apply my academic background, polish my practical skills, and help engineering projects and organizations succeed

## KEY EXPERTISE

Microsoft PowerPoint | Microsoft Excel | Microsoft Word | Project Management Skills | Project Planning | Team Management | Team Building | Teamwork | Team Leadership | Project Coordination | CatiaV5 | Fusion 360 | AutoCAD | CAD | Time Management | Work Management | Task Management | C Language | SQL | HTML | CSS | Canvas | Graphic Design

## EDUCATION

## MIT Academy of Engineering, Pune

2022 - 2025

B.Tech. - Mechanical Engineering | CGPA: 8.13 / 10

## Government Polytechnic Ahmednagar, Ahmednagar

2022

Diploma | Diploma - Mechanical Engineering - Mechanical Engineering | MSBTE | Percentage: 78.41 / 100

## Dnyansampada School, Ahmednagar

2019

10<sup>th</sup> | Maharashtra State Board of Secondary and Higher Secondary Education | Percentage: 81 / 100

## INTERSHIPS

## JM Aluminium

10 Jun, 2024 - Present

## Quality Intern

As a Quality Intern at JM Aluminium, I ensure that every product meets company requirements by conducting regular inspections and quality checks. Verifying that the materials used in manufacturing fulfill the required standards is one of my responsibilities in order to guarantee high-quality output. I conduct thorough inspections during the production process to find and address any inconsistencies, and I document all findings to create a comprehensive quality record. My work requires attention to detail, adherence to standards, and teamwork in order to appropriately resolve any quality issues.

## PROJECTS

## Extraction of pyrolysis oil from waste plastic and it's appication

01 Dec, 2022 - 25 May, 2024

Mentor: Mr. R.K. Patil and Dr. S. Bhaumik | Team Size: 4

Key Skills: Waste Management | Design and fabrication skills | Thermochemical processes

The main objectives of this project were to understand and optimize the processes of plastic pyrolysis for maximizing the oil products, and to design a continuous pyrolysis apparatus as a semi-scale commercial plant. The materials that we tested in this project were HDPE, LDPE, PP and PS which account for 70% of the plastics used in packaging.

## Sea Oil Separator

01 Jun, 2021 - 29 Jul, 2022

Mentor: Mr. R M Mane Sir | Team Size: 4

The main objective of this project was to remove the oil that was spill from the ships and design an effective model.

## ASSESSMENTS / CERTIFICATIONS

### Catia

**Aggregate:** 84 / 100

**Key Skills:** Sketcher Workbench Part Design Workbench Assembly Design Drafting Workbench Modeling

CATIA V5(R21) (Sketcher, Part Modeling (Solid, Surface Sheetmetal), Assembly(Top-Down & Bottom-top Approach), Drawing as per GD & T, etc) By the examination Committee with A Grade

### Autocad

**Aggregate:** 84 / 100

**Key Skills:** 2D Drafting 3D Modeling Layer Management Dimensioning and Annotation

AutoCAD 2021(2D Drawing in Expert Mode, Layers, Blocks Dim. Style, Parametric Drawing, 3D Solid, Surface Modeling, Lighting, Materials, & Rendering) By the examination Committee with 'A' Grade

## PERSONAL INTERESTS / HOBBIES

- o Design
- o Travelling
- o Listening Music
- o Photography
- o Cricket

## PERSONAL DETAILS

**Gender:** Male

**Marital Status:** Single

**Current Address:** 131,86/1A1, Eshawarya Nagari, Shilavihar,  
Vasant Tekadi, Shriram Chowk, Pipeline Road, Savedi,  
Ahmednagar, Maharashtra-414003, Ahilyanagar, Maharashtra,  
India - 414003

**Emails:** prathamesh.salve@mitaoe.ac.in , prathameshlsalve5888@gmail.com

**Date of Birth:** 31 Mar, 2004

**Known Languages:** English,Hindi,Marathi

**Phone Numbers:** +91-9325429282, +91-9325429282