



BRIEF SUMMARY

As a fourth-year chemical engineering student, I bring a strong background in leadership, research, and innovation. My goal is to thrive in a dynamic and stable organization that values growth and skill development. I'm driven by a vision of contributing to socially responsible and sustainable solutions while upholding principles of excellence, dedication, diversity, and social responsibility.

KEY EXPERTISE

Aspen-HYSYS DWSIM Scilab AutoCad

EDUCATION

MIT Academy of Engineering, Pune

2021 - 2025

B.Tech. - Chemical Engineering | CGPA: 8.93 / 10

Abhishek Arts, Commerce and Science Junior College, Shahunagar, Chinchwad, Pune, Pune City

2021

12th | MSBSHSE | Percentage: 81.50 / 100

S.M.Dr.D.Y Patil School, Shahunagar, Chinchwad, Pune

2019

10th | MSBSHSE | Percentage: 82.40 / 100

INTERNSHIPS

CSIR-NCL | Chemicals / Petrochemicals / Polymer

01 Jun, 2024 - Present

Intern

Key Skills:

Research and Experiments Data Collection and Analysis Technical Skills (HPLC, Karl-Fisher, UV, etc)
Project Management

The internship provides a comprehensive understanding of organic synthesis and analytical techniques, offering valuable hands on experience and professional development opportunities.

PROJECTS

Treatment of Sewage Waste Water

To select effective method to remove contaminants from sewage waste water by using various unit operations and treatments.

Extraction of Total Phenolic Compound from Natural Resources (Mangifera Indica)

To develop a method for efficient extraction of total phenolic compound from natural resources (Magnifera Indica) by considering optimum parameters such as solvent, temperature, solute to solvent ratio, particle size.

Extraction of Linoleic acid from Safflower Oil

Mentor: Dr. Shashank Gaikwad

Key Skills: Material and Energy Balance

The objective of the extraction from Safflower Oil is to obtain high yield and purity of Linoleic acid by referring different research papers. Also the solubility of different fatty acids is also studied.

ACHIEVEMENTS

- 3rd rank in 2nd National Abacus and Vedic Math Olympiad, India

CO-CURRICULAR ACTIVITIES

- Joint Secretary of IICChE - Indian Institute of Chemical Engineers
- Worked as a member of Anchoring Committee for 18th National Chemical Engineering Students' Conference "PRAKALP 2023"
- Student Coordinator of an event "Miniature Model Making and Prototyping Exhibition" organised by SCE MITAOE
- Head Student Coordinator of International Chemical Engineering Conference, PRAKALP 2024

EXTRA CURRICULAR ACTIVITIES

- o Active Member of "SAKSHAM" - Child and Social Welfare

PERSONAL INTERESTS / HOBBIES

- o Harmonium
- o Chess
- o Throwball
- o Travelling

PERSONAL DETAILS

Gender: Female

Marital Status: Single

Current Address: Ishwari bungalow, Jai Ganesh Samrajya,
Spine road, Bhosari, Pune, Pune, Maharashtra, India - 411039

Emails: isha.tambe@mitaoe.ac.in , ishatambe100@gmail.com

Date of Birth: 10 Jan, 2004

Known Languages: English, Hindi, Marathi

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