

VAIDEHI CHANDRAKANT CHAVAN

GET IN TOUCH!

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SKILLS

- Communication Skills
- Communication Skills Written
- Mathematics
- Mathematical Modelling

LANGUAGES KNOWN

English (Read/Write)

TEST RANKS

- JEE Mains : 67000

RESUME SUMMARY

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PERSONAL DETAILS

Current Location Sangli
Date of Birth May 4, 2005
Female

EDUCATION

Graduation

Course B.Tech / B.E. (Mechanical Engineering)
College Rajarambapu Institute of Technology, Urun Islampur
Score 7.6%

Schooling

	Class XII	Class X
Board Name	Maharashtra	Maharashtra
Medium	English	Marathi
Year of Passing	2023	2021
Score	69.5%	92.6%

INTERNSHIPS

Heera metals Kolhapur | May 2024 - June 2024

- Completed an industrial internship at Heera Metals, gaining practical exposure to various manufacturing operations and production processes. Observed and studied the sequence of manufacturing activities, process planning, material handling, machine operations and quality-related practices followed in an industrial environment. Developed an understanding of how engineering concepts are applied in real-world manufacturing and gained valuable insight into shop-floor operations, production workflow and industrial practices.

PROJECTS

Integrated heat recovery system in refrigeration system with minimal performance trade off | January 2026 - September 2026

- Integrated Heat Recovery System in Refrigeration System with Minimal Performance Trade-off
Capstone Project | Mechanical Engineering
- Developed an integrated heat recovery concept for a vapour compression refrigeration system to utilize otherwise wasted condenser heat.
- Studied the integration of heat recovery while maintaining the refrigeration system's cooling performance with minimal impact on COP.
- Analyzed the effect of heat recovery on key operating parameters such as evaporator and condenser temperatures, pressure, and system performance.
- Worked on the experimental setup, system integration, measurement of operating parameters, and performance evaluation.
- Compared the refrigeration system performance with and without heat recovery to assess the feasibility of the proposed system.

ACHIEVEMENTS

- Received scholarship, completed 3 projects in B.Tech / B.E.
- All rounder in school