

VAIBHAV SHINDE

Mechanical Engineer

Final-year Mechanical Engineering student at P.E.S. Modern College of Engineering, Pune, with exposure to satellite design during an internship at URSC-ISRO. Skilled in AutoCAD and SolidWorks, and actively involved in technical seminars. Interested in applying mechanical design skills to industrial innovation, automation, and sustainable solutions.



EDUCATION

B.E. in Mechanical Engineering

2022-2026

- Savitribai Phule Pune University

P.E.S Modern College
Of Engineering

Higher Secondary School

2022

- HSC

NCL Jr. College, Pune

EXPERIENCE

UR Rao Satellite Center (ISRO)

JAN-2025
BANGALORE

Intern

Worked on a project focused on satellite subsystem design and integration.

- Studied structural, thermal, power subsystems of satellites.
- Gained insights into the use of space-grade materials and design constraints in satellite development.
- Understood the role of thermal control systems in maintaining satellite component performance in space.
- Observed cleanroom protocols and the integration process of different satellite modules.
- Interacted with scientists and engineers involved in current ISRO missions.
- Learned about satellite testing procedures including vibration and thermal vacuum testing.
- Developed a deeper understanding of system-level thinking and multidisciplinary coordination in aerospace projects.

CONTACT

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Address

Pune

SKILLS

- AutoCAD
- SolidWorks
- Catia
- 2D & 3D Modelling
- MS Office
- Team Management
- Python (Intermediate)