

TRAINING AND INTERNSHIP

CATIA V5 |Cadcamlab Guru,Pune

Nashik, India | 20th June – 28th June 2025

- Gained hands-on experience in CATIA V5 for sketch design,part design,assembly,drafting and sheet metal design.
- Developed precision mechanical components and assemblies.
- Improves understanding of real-world application in manufacturing.

Python with Machine Learning | Magnus Ideas Pvt Ltd,Nashik

Nashik, India | 1st Jan 2026– 31st Jan 2026

- Learned and implemented machine learning algorithms for classification and regression problems.
 - Performed data preprocessing including cleaning, feature selection, and train-test splitting.
 - Built models using libraries like NumPy, Pandas, Scikit-learn, and Matplotlib.
 - Developed supervised learning models including Logistic Regression, KNN, SVM, and Linear Regression.
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PROJECTS

Major Project: Title: Automated vegetable transplanter SAE TIFAN 2025: Team Aryavarta

- Role: Design and Sponsorship team member
- It transplants vegetable saplings automatically by picking them from trays, conveying them to the planting unit, and placing them precisely into soil

PBL Project:Title: Portable Welding Machine

- Designed a portable welding system using electrolysis of saltwater to generate arc heat.
- Focused on cost- efficiency, portability, and safety for rural applications

Smart India Hackathon:Title: Adaptive Vise Jaw

- Designed and developed an Adaptive Vise Jaw capable of automatically adjusting to different workpiece geometries to ensure uniform clamping and reduced deformation.
- Our team recognised as best idea project.

Design Projects: Title: Cotter Joint Design

- Designed and modeled a cotter joint assembly using CATIA V5.
- Fabricated prototype components using 3D printing technology.

Major Project: Title: Automated vegetable transplanter SAE TIFAN 2026: Team Asvamedha:Team Captain

- Led a multidisciplinary team in designing and developing an automated agricultural machine for SAE TIFAN 2026
 - Coordinated mechanical and electronics subsystems for efficient system integration
 - Represented team in technical presentations and evaluations
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TECHNICAL SKILLS

- **CAD:**PTC Creo, AutoCAD Basics, CATIA V5,Mastercam
 - **Project Skills:**Problem Understanding and Solving, Excel Documentation, Project Planning and Execution, GD&T
 - **Soft Skills:**Team Leadership, Mentorship, Communication
 - **Programming:** Python Basics
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EDUCATION

- PVG's College of Engineering,Nashik | S.E. Mechanical Engineering *SGPA:9.05/10* |2023–2027
 - Matoshri Junior College,Eklahare,Nashik | HSC-71.50% |2021–2022
 - Swami Vivekanand Vidyalaya,Nashik | SSC-85.80% |2019–2020
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CERTIFICATION

- SAEINDIA TIFAN 2025 - Social Star Award
 - SAEINDIA TIFAN 2026
 - CATIA V5 - Cadcamlab Guru
 - Smart India Hackathon
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EXTRA-CURRICULUM

- MESA Secretary(2024-2025):Organized technical activities and coordinated student engineering events.
- NSS Volunteer: Participated in social service and community development initiatives.
- MESA Mentor(2025-2026):Guided junior students in technical project development.