

SUYOG SUSHANT YANDE

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EDUCATION

MIT WPU University

Bachelors of Engineering (Mechanical Engineering)

2023-2026

Pune, Maharashtra

Sou. Venutai Chavan Polytechnic

Diploma: 78.6%

2020-2023

Pune, Maharashtra

Silver Crest School

10th State, Percentage: 89.4%

2020

Pune, Maharashtra

INTERNSHIP AND COURSES

Fine Aeration Pvt. Ltd.

Production Engineer Trainee

July 2025 – November 2025

- Supported production engineers in executing and supervising shop floor activities.
- Acquired practical exposure to operating and setting up different types of machinery.
- Assisted in maintaining records related to production expenses and material consumption.
- Collaborated with teams to coordinate workflow and ensure timely order fulfillment.

Centre of Excellence eMobility – Course on “EV Technology”

Trainee

October 2025

- Gained in-depth understanding of EV architecture including battery systems, motors, controllers, power electronics, and charging infrastructure and learned principles of Li-ion battery design, BMS (Battery Management System), thermal management, and safety protocols.
- Acquired practical knowledge of EV drivetrains, regenerative braking, converters/inverters, and energy flow.
- Developed hands-on skills through demonstrations/practical modules on EV components and diagnostics.
- Explored current trends, challenges, and future opportunities in the electric mobility ecosystem. Strengthened ability to analyze EV performance, efficiency, and sustainability aspects.

Konkan Rail Academy – Course on “Skilling Engineers for Professional Success”

Trainee

June 2024

- Gained hands-on exposure through field visits to railway structures, track systems, bridges, tunnels, and operational facilities.
- Developed practical understanding of project planning, construction challenges, safety protocols, and maintenance workflows in the railway industry.
- Strengthened professional skills including teamwork, reporting, problem solving, and industry-level work discipline.
- Received guidance on career pathways in the railway sector, including government roles and contractor/entrepreneurship opportunities.

Chintamani Industries

Floor Supervisor

Nov 2022 – Jan 2023

- Assisted in coordinating daily production activities, ensuring smooth workflow and timely completion of work orders.
- Monitored machine performance and reported downtime issues to maintain optimal production efficiency.
- Ensured adherence to workplace safety protocols and hygiene practices in compliance with cleanroom requirements.

PERSONAL PROJECTS

- | | |
|---|------|
| 1. Development of Wet Waste Mechanical Shredder | 2023 |
| 2. Design and development of modified Air Cooler | 2024 |
| 3. Design of 2-stage speed reduction gearbox | 2024 |
| 4. Development of an Air Cooler using Liquid Desiccant for humidity control | 2025 |

SKILLS

Hands-on Experience:

- Lathe Machine
- Horizontal Milling Machine
- Vertical Milling Machine
- VMC
- CNC
- Slotting Machine

Software:

- AutoCAD 2D
- AutoCAD 3D
- Fusion
- Solidworks

EXTRA CURRICULARS

- Runners-up of NIRMITEE, a College-level Project Competition
- Participated in mini-project exhibition
- Cleared Japanese N5 level examination