

1. Personal Information

- **Name:** Prof. Mahendra Dilip Sukre
- **Position:** Assistant Professor
- **Department:** Mechanical Engineering
- **Contact Information:** mdsukre@sggs.ac

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2. Educational Background

BE	Mechanical Engineering	Pune University	2014
MTech	Manufacturing Engineering	Indian Institute of Technology (Indian School of Mines), Dhanbad	2018
PhD	Additive Manufacturing	Indian Institute of Technology Madras	Ongoing

3. Research Interests

- **Areas of Expertise:** Additive Manufacturing, Post-Processing, Heat Treatment, Material Characterization, FE modelling.
- **Ongoing Projects:** Design, Optimization and Development of WAAM system.

4. Teaching Experience

Courses Taught and Course Development:

- Manufacturing Process -I
- Manufacturing Process -II
- Tool Design
- 3D Printing
- Additive Manufacturing Process
- Advanced Manufacturing Process

5. Publications and Presentations

- **Conference Papers:** 3

6. Awards and Honors

- **Grants:**

Grant presents the work at Dubai, UAE, by MHRD

Research grants or funding received from organizations.

- **Awards:** Best paper award in HTSE 2023.
- **Fellowships:** Teaching Assistantship (TA) Scholarship for PhD study by MHRD.

7. Professional Experience

Teaching Experience 2 Year

- **Administrative Roles:**

Co-Coordinator AICTE IDEA LAB

Coordinator of Team Phoenix (SAE college club)

Class Coordinator SY Mechanical Engineering

8. Supervision and Mentoring

- **PhD/Master's Supervision:** BTech 18 Supervised

9. Professional Memberships

- **Associations:** SAE India.

10. Miscellaneous

- **Languages:** English, Marathi, Hindi

- **Skills:**

CAD/CAM: SolidWorks, CREO, AutoCAD, CATIA, MASTERCAM.

CAE Package: ABAQUS, ANSYS, DEFORM3D, COMSOL.

Prog Language: MATLAB, C, Python.

Other Applications: LabVIEW, Minitab, ImageJ.