

PRAGATI DEMJI

UG Student Mechanical Engineering

Passionate mechanical engineering student eager to apply design, manufacturing, and materials knowledge to real-world challenges. Interested in learning from industry experts while contributing innovative and practical solutions

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EDUCATION:

2022 - 2026	BACHELOR OF ENGINEERING IN MECHANICAL ENGINEERING, KLS Gogte Institute of Technology, Belgaum	9.2 CGPA
2020 - 2022	PRE-UNIVERSITY EDUCATION IN SCIENCE, Govindram Seksaria Science College, Belgaum	94.16 %
2019 - 2020	SSLC , Sant Meera English Medium School, Belgaum	93.44 %

PROJECTS AND WORKSHOPS :

Mini Project : Ultrasonic Welding of Additively Manufactured 3D Printed Parts To Overcome Bed size Limitations For Applications In Car Spoilers

Major Project : (on going) Preparation and characterization of aluminium matrix composite by cast route method

Project : (on going) Noise Mitigation of STP Blower through Acoustic Enclosure and Computational Simulation

Workshops : "Next Generation Materials Exploring Aircraft And Composite Technologies" conducted By The ASM, "Novel Materials: Advances And Applications In Composite Technologies" In Association With ASM Vega Aviation

TECHNICAL SKILLS :

- CAD tools : AutoCAD , Catia , Basics of Fusion360, 3D Experience
- Manufacturing : Composites , Additive manufacturing
- Programming : Basics of Python Programming

INTERNSHIP:

- AKP Foundries Pvt. Ltd , Belgaum from September 2024 to October 2024

ORGANIZATIONS:

- **AMERICAN SOCIETY OF METALS** , Technical Committee Member , ASM Pune Chapter
- **AMERICAN SOCIETY OF MECHANICAL ENGINEERS** , Student Member

ACHIEVEMENTS :

- **First Prize** ,IMTEX Academia Pavilion 2025(Ultrasonic Joining of Additively Manufactured 3d Printed Parts)
- **First Prize** , Avalanche 23 Technical Fest at KLS GIT ,Clay Modelling
- **Best Student** , For the year 2019-20

CERTIFICATIONS :

- NCC "B" Certificate , CATC Camp 2022
- Higher Grade and Lower Grade Drawing Exam

LANGUAGES:

- English
- Hindi
- Marathi
- Kannada

INTERESTS:

- Reading , Sketching and Design
- Composite Materials