

Sarvesh Appaji Rade

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Belgaum, Karnataka, India

Summary

Dedicated Mechanical Engineering student with a strong knowledge in design and core engineering subjects. Proficient in Manufacturing processes and CAD software, with a good interest in applying technical skills to real-world engineering challenges. Quick learner with excellent communication skills, committed to continuous growth and delivering quality solutions.

Education

Bachelor of Engineering (BE) – Mechanical Engineering Sept 2023 – Present | *Belgaum, India*
KLS Gogte Institute of Technology
CGPA: 8.30

Pre-University (12th) – Science July 2021 – June 2023 | *Belgaum, India*
Govindram Seksaria Science College
76.33%

SSLC July 2021 | *Belgaum, India*
Mahila Vidyalaya Mandal's English Medium School
65.92%

Projects / Experience

1. Synthesis of Graphene Nanoparticles.
 - Synthesized graphene nanoparticles using a chemical process.
 - Improved understanding of nanomaterials and their engineering applications.
 - Developed practical skills in laboratory handling.
2. Experimental study on machining characteristics of Al2219 for improving machining capabilities
 - Synthesis and characteristics of zinc oxide nanoparticles
 - To study the effect of process parameters
 - Validation of results using ANOVA
 - Conformation and further validation of results carried out using ML model

Skills

CAD Tools: AutoCAD, SolidWorks, Fusion 360, Catia V5, 3D-Experience.

Manufacturing: Basic Manufacturing Processes, Additive Manufacturing.

MS Office: Word, Excel, PowerPoint.

Soft Skills: Communication, Teamwork, Problem-Solving, Time Management.

Courses and Certificates

- Completed SolidWorks Course (3 Months)
Gained hands-on experience in 3D modeling, assembly, and engineering drawing.
- Completed Additive Manufacturing (3D Printing)
Learned fundamentals of 3D printing technologies and applications.
- NPTEL Certified in “Introduction to Internet of Things (IoT)” (12 weeks)
Learned IoT concepts and their applications

Achievements / Extracurricular

- Participated in ASME EFX – Speed Modelling Competition and qualified for the final round.
- Contribution to environmental conservation - Participated in a plantation drive organized by the ISTE club (GOLBAL GREENING 2.0).

Declaration

I hereby declare that the information provided above is true and correct to the best of knowledge.

Sarvesh Rade