Rohit Hanamant Salunke

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PROFILE

Mechanical Engineering student with interest in **Manufacturing, Production, Quality Control, Machine Design,** and **Materials.** Familiar with **Manufacturing Processes, CNC Machining, Finite Element Analysis (CATIA V5),** stress analysis, and engineering drawing. Possesses strong analytical thinking and problem-solving skills, with the ability to understand and interpret engineering data. Eager to learn, work in teams, and develop practical knowledge in manufacturing and mechanical engineering applications.

D.O.B: 30-10-2004
Permanent Address: Siddeshwar Nagar, Gokak, Karnataka

EDUCATION

B.E. Mechanical Engineering – KLS Gogte Institute of Technology, Belagavi, Karnataka Aug 2023 – May 2027 | CGPA: 7.2/10
Higher Secondary School – Jnanadeepa PU College, Gokak, Karnataka
Sep 2021 – March 2023 | 81.8%
Secondary School – GES High School, Gokak, Karnataka
Jun 2020 – July 2021 | 91.3%

RELEVANT COURSEWORK

Mechanics of Materials, Fluid Mechanics,Theory of Mechanics,Machine Design,Engineering, Thermodynamics. Turbo Machines.

TECHNICAL SKILLS

Software & Tools: MS Excel, CATIA V5, AutoCAD
Programming: Basic C Programming

PROJECTS

Major Project Title : "Development of an Experimental Setup for Real-Time Force and Temperature Mapping in Torsional Deformation-Driven Consolidation of Graphene–Aluminium Chips"

- **Collected and utilize**d **AA7050** and **AA2024 aerospace aluminium machining chips** as recycled raw materials.
- Recycled aluminium chips through **torsional consolidation** to reduce machining waste and promote material reuse.
- Added **graphene** as reinforcement to improve the properties of the aluminium-based composite.
- Measured **applied load** and **temperature in real time** during the consolidation process.
- Developed the experimental setup using a **heavy-duty radial drilling machine**.
- **Aim:** Studied consolidation, interfacial bonding, microstructure, and mechanical properties of the composite.

CERTIFICATIONS

1. Revolutionizing Manufacturing: The Synergy of Composite 3D Printing and 3D Scanning

ACHIVEMENTS .

1. District-level chess champion with strong strategic thinking and decision-making skills.

ADDITIONAL INFORMATION

Languages: English, Hindi, Kannada
Extracurricular: volunteer – National Service Scheme (NSS); Engaged in Community Service, Social Awareness Campaigns, and Volunteer Activities

DECLARATION

I hereby assure that all the information above stated are true to the best of my knowledge and proof can be submitted on demand.

Place:Belgaum
Date : 26/08/2026

Rohit. H. Salunke