

PAWAN ZARARIYA

M E C H A N I C A L E N G I N E E R

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Nagpur, Maharashtra

PROFILE

Bachelor's in Mechanical Engineering, proficient in CAD software and mechanical systems analysis. Eager to join a progressive organization where I can utilize my technical skills, enthusiasm for continuous learning, and commitment to engineering excellence to support innovative projects and drive operational improvements.

SKILLS

- AutoCAD
- Solidworks
- Unigraphics (Nx Cad)
- PTC Cero
- CATIA
- CNC Programming
- Manufacturing Process

INTERNSHIP

July -2023

GILLS RUBBER PVT. LTD. NAGPUR

- Collaborated on the design and optimization of machinery for processing recycled rubber, enhancing efficiency and throughput.
- Performed routine maintenance and troubleshooting on machinery, reducing downtime by 5 %.
- Prepared detailed technical reports and documentation on internship progress, equipment performance, and process improvements.

PROJECT

Design and Development of Hybrid Solar Dryer

- The main principle of this low-cost solar cabinet dryer is based on greenhouse effect where the solar heat is trapped inside the drying chamber and thus increasing the temperature level.
- Hybrid solar dryer is a type of solar dryer that uses additional energy from other sources such as thermal storage and mechanical heat pump, to assist the drying process .

ACHIVEMENT

- Successfully organizing and executing multiple intercollegiate events that increased student engagement and participation.
- Represent a department in interdepartment in sports

EDUCATION

BACHELOR OF TECHNOLOGY

Priyadarshini College of Engineering
2021 - 2024

DIPLOMA IN MECHANICAL ENGINEERING

G.H.Raisoni Polytecnic, Nagpur
2019 - 2021