

GUNAKAR POTALA

Andhra Pradesh, India
+91-7730052357 gunapothala@gmail.com

OBJECTIVE

Final-year Mechanical Engineering student with strong technical skills in CAD tools, CNC operations, and engineering fundamentals. Eager to apply practical knowledge through innovative projects and contribute to organizations focused on manufacturing, design, or process optimization.

EDUCATION

Dr. B. R. Ambedkar University, Srikakulam <i>B.Tech in Mechanical Engineering; CGPA: 8.3</i>	2022 – 2025 <i>Srikakulam, AP</i>
D.A. Government Polytechnic College, Ongole <i>Diploma in Mechanical Engineering; CGPA: 7.9</i>	2019 – 2022 <i>Ongole, AP</i>
Z.P. High School, N.K.R Puram <i>Secondary School Certificate (SSC); CGPA: 8.7</i>	2018 – 2019 <i>Andhra Pradesh</i>

PROJECTS

Fire-Resistant Composite Material Fabrication

- Fabricated a composite using basalt and glass fibers with epoxy resin to improve fire resistance.
- Managed layering, curing, and testing processes for structural integrity and thermal durability.

Hydraulic Press Design

- Designed and constructed a small-scale hydraulic press using AutoCAD and fluid mechanics principles.
- Calculated force/pressure specs; validated successful pressing of small metal parts.

SKILLS AND CERTIFICATIONS

Languages: C, Python, SQL

Technical Skills: AutoCAD, Solid Works , CNC Operations

Soft Skills: Teamwork, Time Management, Communication, Leadership

Certifications: SolidWorks (APSSDC), Drone Technology (ROSYS), 6-Month Training (Visakhapatnam Port)

WORKSHOPS & SEMINARS

Participated in a 3-day workshop on "3D Printing and Additive Manufacturing" conducted by Ambedkar University

Attended a national webinar on "Sustainable Design in Mechanical Engineering" by ISME.

POSITIONS OF RESPONSIBILITY

Team Lead, Final Year Project — Led a 4-member team in designing fire-resistant composites.

Event Coordinator, College Tech Fest 2023 — Organized "Mech Quiz" and CAD competitions.