


SANTHOSH S -Pre-Final year Undergraduate Mechanical Engineer

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 Namakkal, Tamil Nadu 638183

Languages: English, Tamil



Profile

Motivated Mechanical Engineering student passionate about innovative design solutions. Skilled in CAD modelling, thermodynamics analysis, and applied problem-solving. Actively seeking internships to contribute analytical skills and technical knowledge to real-world engineering challenges

EDUCATION CREDENTIALS:

COLLEGE OF ENGINEERING GUINDY

B.E. in Mechanical Engineering 2024-2027 (Expected)

CGPA: **8.9** (CURRENTLY)

KONGU POLYTECHNIC COLLEGE

Diploma in Mechanical Engineering 2021 - 2024

First class with Superlative distinction – **97.5%**

SSM LAKSHMIAMMAL MATRIC HR. SEC. SCHOOL

SSLC – ALL PASS (2020-2021)

SKILL SET:

CAD & Design: SolidWorks, AutoCAD, CATIA

Manufacturing: CNC Basics, Fundamentals in TQM

Programming Languages: Python (Learning)

Precision Measurement: Vernier Calipers, Micrometers, Thread gauges, Sine bars

Microsoft Office: MS Word, MS PowerPoint

Soft Skills: Problem Solver, Adaptability, Communication

AREA OF INTEREST:

- Thermal Engineering
- Mechanics of Materials
- Theory of Machines

COURSES & CERTIFICATIONS:

- SolidWorks (CADD Centre)
- CATIA (CADD Centre)
- 3D Printing

PROJECTS:

Maglev Wind Turbine (2020-2021)

Designed and Fabricated a VAWT integrating Maglev Technology to optimize and improve the efficiency of Power Generation

Flexi-Lift Adjustable Laptop Stand (2025)

A product development focused on developing an ergonomic, space-saving laptop stand with user-friendly adjustability features. Currently in designing phase to optimize functionality and durability.

ACHIEVEMENTS

- **Best Outgoing student** award from KPC in recognition of outstanding performance in academics, extra-curricular activities.
- **Secured Second Prize** in Paper Presentation National Level Technical Symposium at Kongu Polytechnic College, Perundurai.
- **Secured First Prize** in both Paper Presentation and Technical Quiz in State level Technical Symposium at Sakthi Polytechnic College, Erode

EXTRA- CURRICULAR ACTIVITIES

- Learning **German** through Duolingo
- **Runners-up** of State Level IPAA Chess Tournament conducted at PSGCT, Coimbatore 2023-2024
- **Event Coordinator** at Society of Mechanical Engineers, CEG – Planned and executed intercollege technical symposiums.