**SIDHARTHAN.S**

**PROFILE**

A promising mechanical engineering student, seeking an opportunity for an internship in a dynamic organization, with special interests in areas like design, automotive technology, manufacturing and related fields, resulting in an organizational and professional growth.

**EDUCATION**

* **B.Tech Mechanical Engineering**

**CGPA – 9.16 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 84% **2019**

Institution: Little Kingdom Senior Secondary School, Tirupur

* **Class 10** – 90% **2017**

Institution: Little Kingdom Senior Secondary School, Tirupur

**TECHNICAL INTERESTS**

IC engines   
·Material science   
· Strength of materials

**PROJECTS**

**Mechanical property analysis and tribological response optimization of SiC and MoS2 reinforced aluminium functionally graded composite through Taguchi's DOE.**

·Duration/Period: March-2022 to till date   
·Objective: To study the material properties in the AMMC.

·Tools or techniques used: Centrifugal casting ·Outcome: The paper is completed and submitted.

**TECHNICAL SKILLS**

·Python   
·AutoCAD   
·Inventor   
·C programming   
·Octave/MATLAB

Catia

**INTERNSHIP**

**TATA Motors Passenger Vehicle Ltd., Sanand, Ahmedabad.**

·Duration/Period: 4 weeks   
·Objective: To learn about various operations in BIW shop of the plant   
·Tools or techniques used: Digital torque wrench, Battery operated nut-runner.

**CERTIFICATIONS**

Catia

**ACHIEVEMENTS & HONOURS**

Top 100 projects in KPIT sparkle 2022.

·Area / Topic / Details: “Smart Barrier System”, Road safety project. ·When & Where:Dec-2021.

**LANGUAGES**

English, Tamil, Malayalam, Hindi