

Mechanical Engineering student with strong interest in Robotics, Automation, and Automotive Systems. Experienced in SolidWorks, ANSYS, and Pneumatic System Design with hands-on exposure in robotic gripping systems and obstacle detection projects. Seeking opportunities in Product Design, Robotics, and Core Mechanical domains.

SKILLS

- Solidworks
- ANSYS FEA
- Autodesk AutoCAD
- DMFA
- 3D Printing
- Machine Design
- Project Management
- Sheet Metal
- Tribology
- Project Management

CERTIFICATIONS

- SolidWorks Certification
- AutoCad
- Product Design & Analysis
- Energy Literacy
- Best Achiver Co-Curricular
- AGNIRVA Space Internship

LANGUAGE

- English
- Hindi
- Kannada

EXTRA CURRICULAR

- **Secretary** – Robotics Society of India, VVCE Chapter
- **Member** – Robotics Society of India

EDUCATION

- **2023**
Vidyavardhaka College Of Engineering *Mysuru, Karnataka*
BE - Mechanical Engineering, CGPA: 7.35

EXPERIENCE

- **Mar 2026 - Jun 2026**
ACSIS INDIA PRIVATE LIMITED *Banglore , Karnataka*
Intern

PROJECTS

- **Pneumatic Actuated End Effector for Enhanced Gripping**
 - Designed and developed a pneumatic actuated gripping mechanism for robotic applications.
 - Performed design calculations and 3D modeling using SolidWorks.
 - Optimized cylinder selection to improve gripping stability for irregular objects.
- **Front Obstacle Detection with Road Hole & Hump Identification**
 - Developed a sensor-based system to detect frontal obstacles and road irregularities.
 - Integrated ultrasonic sensors with microcontroller systems.
 - Improved detection accuracy for low-height obstacles.
- **Humanoid Robot Development**
 - Contributed to structural design and motion mechanism development.
 - Assisted in joint mechanism modeling and load distribution analysis.