

ARJUNKUMAAR N

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EDUCATION

SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY <i>Bachelor of Engineering (Mechanical Engineering)</i> <ul style="list-style-type: none">• Percentage: 85%• CGPA: 8.54 /10.00	Coimbatore, TN April 2020 – April 2024
KRA Vidhyashram, Kovilpatti <i>HSC IN COMPUTER SCIENCE— 78.5%</i>	Kovilpatti, June 2018 – March 2020
Kamaraj Matriculation Higher Secondary School, Kovilpatti <i>Grade 10 — 91.5%</i>	June 2017 – March 2018

PROJECTS

Human Follower Transportation Robot <i>Applications</i> <ul style="list-style-type: none">• Human following robot is a one of the most viable techniques used to follow a human within the range and carrying weight.• This proposed robot is used to transport heavy loads in various automation and industrial sectors.• Tech Stack Used: Arduino IDE, SolidWorks, ANSYS	Coimbatore, TN Nov – March 2023
Tribological Research and Development of Onyx and CCF via FFF Process <i>Findings</i> <ul style="list-style-type: none">• Mechanical and Tribological Performance of Onyx and carbon fiber composites produced through various layering approaches in FFF.• This project proposes onyx and carbon fibres can be used as the substitute materials for the automotive and industrial components.• Tech Stack Used: CURA, SolidWorks ETC	Coimbatore, TN April – August 2023
Optimization of Control Factors Influencing the Wear Behaviour of Inflorescence Fibril Fortified Epoxy Composites <i>Findings and Applications</i> <ul style="list-style-type: none">• The mechanical and physical properties of the fiber and their qualities were enhanced.• Fortification of inflorescence fiber with epoxy matrix led to attain superior tribology.• It's concluded to coconut fiber can be used as application-based components.	Coimbatore, TN October 2023

WORK EXPERIENCE

- Graduate Engineering Trainee at **JSW Steel Vijayanagar Works Ltd.**[7mos]
- Operations and Maintenance

CERTIFICATIONS

- Engine assembly – Kari Vardhan training workshop.
- Effective Writing – IIT Kanpur (NPTEL).
- Developing Soft Skills and Personality – IIT Kanpur (NPTEL).
- Undergone an Implant Internship Training at TVS Sundram Fasteners.

Events Participated

- Participated and placed in SAE Range Extended Electric Vehicle (REEV).
- Competed in SAE – FFS Official.
- Participated in AAKURTI –2023.

SKILLS

Technical Skills: SolidWorks, Problem management, Advanced welding, CATIA, Ansys, Additive manufacturing, Energy audit

Soft Skills: Communication, Critical Thinking, Collaborative, Team Player.

