

GOVIND S NAIR

+91 8281903449

govindsnair24@gmail.com

Thiruvananthapuram

OBJECTIVE

Mechanical Engineering student with hands-on experience in go-kart design, fabrication, and subsystem development through participation in the Excelerators engineering club. Interested in automotive systems, electric vehicles, and mechanical design. Seeking internship opportunities to apply engineering knowledge and gain practical industry experience.

EDUCATION

B.Tech – Mechanical Engineering

College of Engineering Trivandrum

Expected Graduation: 2028

CGPA: 8.59 / 10

Higher Secondary Education (Class XII) – State Board

NSS HSS Chathanoor

Percentage: 95.75%

Year of Completion: 2024

Secondary School (Class X) – State Board

GHSS Chathanoor

Percentage: 97.77%

Year of Completion: 2022

TECHNICAL SKILLS

Simulation & Analysis

Basic structural and stress analysis using ANSYS

Understanding of deformation and stress behaviour of mechanical components

CAD & Design

Basic 3D modeling using SolidWorks

Mechanical Systems

Go-kart subsystem integration

Mechanical assembly and fabrication

Basic understanding of automotive transmission systems

TECHNICAL PROJECTS

Go-Kart Body Panel Design & Production – Excelerators Engineering Club

Designed body panels for the electric go-kart as part of the vehicle development team.

Participated in the fabrication and production of the panels during vehicle build.

Assisted in integrating the body panels with the chassis structure and overall vehicle assembly.

Go-Kart Transmission Subsystem – GKDC Season 13

Contributed to the transmission subsystem development for the go-kart.

Assisted in drivetrain component assembly and integration during vehicle build.

Worked with team members during subsystem setup and testing.

AREAS OF INTEREST

Automotive Engineering

Electric Vehicles

Vehicle Design

Mechanical System Design

EXTRACURRICULAR ACTIVITIES

Sub-Coordinator – Two-Day Technical Workshop

Excelerators Engineering Club

Served as Sub-Coordinator for a two-day technical workshop organized for new students.

Assisted in planning the workshop structure and coordinating sessions.

Managed participant coordination and supported smooth execution of the event.

Volunteer – Safe Roads Awareness Program

Volunteered in the Safe Roads awareness program conducted in collaboration with Mercedes-Benz, Kerala Motor Vehicles Department, and SAE India CET Chapter.

Supported activities aimed at promoting road safety awareness and responsible driving practices.

Member – Excelerators EV & Go-Kart Club

Part of a student engineering team developing electric go-karts.

Contributed to body panel design and production.

Assisted in transmission subsystem work for GKDC Season 13.