

GAYATHRI CJ

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PROFILE

Motivated and detail-oriented third-year Mechanical Engineering student at the College of Engineering Trivandrum.

Known for exceptional management and coordination skills, with extensive experience in various technical and non-technical clubs. Adept at graphic design and proficient in Python and CAD software. Currently researching the Leidenfrost effect and selected for an oral presentation at the International Conference on Experimental Mechanics (ICEM 2024) at IIT Madras. Committed to excellence and innovation, poised to contribute effectively to organizational goals.

• EXPERIENCE

- **Technical Team Member | Excelerators CET (Official Go-karting Club)**
 - Participated in the Kart Racing Championship, contributing to the technical team's efforts in designing and maintaining go-karts.
- **Intern | Kochi Water Metro Limited**
 - Gained hands-on experience in project management and technical operations within a leading urban transport project.
- **Mess Secretary | Ladies Hostel, College of Engineering Trivandrum**
 - Managed the mess facility for 700 students, successfully reducing daily charges from ₹89 to ₹62 through efficient resource management.
- **Design Head | Various Clubs**
 - Cetalks, Mathletes CET, ASME CET: Led design efforts, creating impactful visual content and promotional materials.
 - Design Team Member | CET Film Society, Drishti CET 2022: Contributed to the design aspects of college technical fest and film society activities.
- **Non-Technical Roles**
 - Volunteer | Helping Hand Organization (H2O), Sanjeevani, Pratheeksha: Actively participated in various community service initiatives.
 - Coordinator | Auto Expo (Drishti 2022): Played a key role in organizing and executing the auto show event as part of the college technical fest.
 - Convenor | Pre-Dhwani Events (Dhwani 2024): Successfully led the organization of preliminary events for the college cultural festival.
- **Fashion Show Participant**
 - Participated in multiple fashion shows as part of college fashion show club member, securing 1st and 2nd positions in various competitions.

EDUCATION

College of Engineering Trivandrum

B. Tech in Mechanical Engineering, CGPA: 7.5/10

Trivandrum, Kerala

2021-2025

Government higher secondary school Chalissery

Higher Secondary Education, 95.25%

Chalissery, Kerala

2018-2020

Ansar English School

Tenth Grade, 92.25%

Perumpilavu, Kerala

2017-2018

SKILLS

- **Technical:** Python
- **Design:** Graphic Design, Visual Content Creation
- **Management:** Project Management, Resource Management, Event Coordination
- **Collaboration:** Teamwork, Volunteer Coordination
- **Problem-Solving:** Efficiency Optimization, Cost Reduction

PROJECTS

Project Pragti | Women TechnoHub

- Developed a robot controlled via hand gestures, showcasing innovation and technical proficiency.

RESEARCH

Leidenfrost Effect | ICEM 2024, IIT Madras

- Conducting research on the Leidenfrost effect, selected for an oral presentation at the International Conference on Experimental Mechanics (ICEM 2024) at IIT Madras.

ACHIEVEMENTS

- **Go kart Competition (Technical)**
Kart Racing Championship: Contributed to the team's performance in the championship.
- **Fashion Show (Non - Technical)**
I was a part of College Fashion Show Team which bagged 1st and 2nd positions in various Cultural Fest.

CERTIFICATIONS
