

# ADITHYA SANKAR S

## Undergraduate Student

✉ devuktm966@gmail.com

📍 Trivandrum, India

🌐 [linkedin.com/in/adithya-sankar-s](https://www.linkedin.com/in/adithya-sankar-s)

☎ 9446884702

🔗 [github.com/Adithyasankar74](https://github.com/Adithyasankar74)

## EDUCATION

### Bachelor of Technology in Mechanical Engineering

#### Government Engineering College Bartonhill

📅 Aug 2019 – Ongoing

📍 Trivandrum

- CGPA : 6.38

### High Secondary Education

#### Dr G R Public School(CBSE)

📅 June 2017 - April 2019

📍 Trivandrum

- Percentage : 92.5

### Secondary Education

#### Dr G R Public School(CBSE)

📅 June 2016 - April 2017

📍 Trivandrum

- CGPA : 10

## POSITIONS AND RESPONSIBILITIES

### Safety and Carbon footprint Lead

#### Team Pravega

📅 Aug 2019 – Ongoing

📍 Trivandrum

- Identified, analyzed, and resolved various safety issues within the vehicle and the manufacturing process.
- Designed "Smart Tyre" with a self-inflation system and real time tyre pressure and tread sensing that helps vehicles to overcome efficiency losses from underinflated tyres.

Leadership

Teamwork

Research

Documentation

### Treasurer

#### American Society for Mechanical Engineers GECB

📅 Nov 2021 – June 2022

📍 Trivandrum

- Successfully managed, oversaw and guided the society's financial transactions and undertakings.
- Collaborated with different teams and other societies on efforts to conduct fruitful programmes for the students

Critical Thinking

Collaboration

Communication

Persuasion

## PROJECTS

### Responsive Personal Website

#### Personal Project

📅 January 2022

- Designed and Developed a responsive personal website.

## CAREER OBJECTIVE

*"Passionate undergraduate seeking a position in QBurst that will rightly harness my willingness to learn, grow, contribute and improve."*

## SKILLS

- Programming Languages

C++

Python

- Web-Development

HTML

CSS

Javascript

- 3 D Modelling

Fusion 360

Solidworks

- Life Cycle Analysis

OpenLCA

Idemat

## ACHIEVEMENTS



### Shell Eco Marathon

Ranked 41 on the Global Virtual League Table Shell Eco Marathon 2020-21. Also 20th Rank in the Asia Pacific Region and 5th position among the Indian Teams  
Won the Internation Award for Safety from Dupont and also Honourable Mention for International Award for Technical Innovation.



### Innovation and Entrepreneurship Development Centre GECB

Awarded as the Young Innovator 2019-20 after a series of Aptitude test ,Group discussion and Interview.



### Computer Society of India GECB

Winner of EMPRESARIO Best Start Up Idea Pitch in 2020.

## STRENGTHS

Leadership

Adaptive

Quick-learner

Attention to detail

Conceptualization

Design

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## Smart Tyre With Self Inflation System and Tread Sensing

### Personal Project

📅 September 2019

- Designed and Presented a Smart Tyre with self-inflation system and a real time tyre pressure and tread sensing system.

Conceptualization

Design

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## One District One Idea

### RD GECB K-DISC Project

📅 July 2022–present

- Currently analysing, studying and developing ideas to support workers in the Pappad Making Industry.

Analyzing

Planning