

# ADITHYA SANKAR S

## Undergraduate Student

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## EDUCATION

### Bachelor of Technology in Mechanical Engineering

#### Government Engineering College

📅 August 2019 – present

📍 Trivandrum

CGPA : 6.38

### Higher Secondary Education

#### Central Board Of Education

📅 June 2017 - April 2019

📍 Trivandrum

Percentage : 92.5

### Secondary Education

#### CentralBoard Of Education

📅 June 2016 - April 2017

📍 Trivandrum

CGPA : 10

## POSITIONS AND RESPONSIBILITIES

### Safety and Carbonfootprint 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 of Mechanical Engineers GECEB

📅 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

### Smart Tyre With Self Inflation System and Tread Sensing

#### Personal Project

📅 September 2019

📍 Trivandrum

## CAREER OBJECTIVE

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

## SKILLS

- Programming Languages

C++

Python

- Web Development

HTML

CSS

- 3 D Modelling

Fusion 360

Solidworks

- Life Cycle Analysis

Open LCA

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



#### Innovation and Entrepreneurship Development Centre GECEB

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



#### Computer Society of India GECEB

Winner of EMPRESARIO Best Start Up Idea Pitch in 2020.

## STRENGTHS

Leadership

Adaptive

Quick Learner

Attention to detail

- Consists of a self-inflation system and a real time tyre pressure and tread sensing system.

Fusion 360

Presentation

One District One Idea

RD GECB K-DISC Project

 July 2022–present

 Trivandrum

- Currently analayzing, studying and developing ideas to suppourt workers in the Pappad Making Industry.

Analyzing

Plannning