



SHRIRAM BG

About:

A budding mechanical engineer passionate about automobile and production management. A person who loves to solve real world problems with learnt theories.



PROJECTS

2021 - Present

CEG MOTORSPORTS

BAJA ATV BRAKES SYSTEM

Working on hydraulic braking system of ATV made for BAJA SAE India considering the performance of ATV and driver comfort. I became the brakes lead for the year 2023-24.

2022 - 2022

HYDRAULIC PROJECT

LOW COST AUTOMATION

Designed a low cost automation system with pneumatics which can automate any small job in an industry thus improving productivity.

2022 - 2022

MAHINDRA AND MAHINDRA

PROJECT ON ABS ESC BRAKES

Have worked on ABS and ESC brakes. Created a accumulator volume calculator for the company which helps them selecting apt accumulator size for ABS.

2022 - 2022

METROLOGY PROJECT

DESIGN OF VENTURI NOZZLE FOR NEAR DRY EDM

Designed a venturi nozzle for mist lubrication for near dry EDM process. CFD analysis on the nozzle is done to find the pressure distribution and performance like spray cone angle were evaluated

2022 - Present

CEG MOTORSPORTS

WEBSITE AND MULTIMEDIA MANAGEMENT

Designed the website for team CEG MOTORSPORTS and side panels pattern for the year 2022 and 2023



EDUCATION

2020

SDAV Higher Secondary School, Adambakkam

SENIOR SECONDARY (XII) SCIENCE

572/600
CUT OFF : 194.5
Major: Maths and Physics

2020 - 2024

College of Engineering Guindy

B.E. MECHANICAL ENGINEERING

CGPA: 9.083 (Untill SEM 5)



RESPONSIBILITIES

2021 - 2022

SOCIETY OF MECHANICAL ENGINEERS (SME CEG)

TECHNICAL AND WEB DESIGN

Had been a office bearer for TECHNICAL AND WEB DESIGN domain of SME in organising a national level symposium PINNACLE. Have provided all the technical and graphic designing support to organise the event successfully.

2021 - 2022

CEG TECH FORUM (CTF)

EVENTS AND DESIGN COORDINATOR

Had been a event and design coordinator of CTF for K22! Organized a event called Mr.Cooper and his Mystery. Had 500+ participants. Designed posters for K22!

2023 - Present

CEG MOTORSPORTS

BRAKES LEAD

Took the responsibility of Brakes Lead for the year 2023-24. Currently focusing on design optimisation and cost reduction techniques.

CONTACT ME



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Final Year Mechanical Engineering Student



Chennai, India



10.10.2002



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SKILLS

WEB DESIGN

70 %

SOLID WORKS

50 %

MS OFFICE

70 %

ADOBE ILLUSTRATOR

70 %

TINKER CAD

50 %

ANSYS WORKBENCH

50 %

TRAITS

Public speaking Leadership Time management

Consistency Team work

HOBBIES

Graphic designing Video editing Web Designing

VOLUNTEERING

Youth Red Cross Volunteer

Being part of YRC at CEG, attended many awarness programs around college campus