

Vishal Thiagarajan

Manufacturing Engineer

A person with a positive outlook about every aspect of life. Curious minded to improve my skills in the field of engineering. Interested in meeting new people , exploring new ideas, travel and photography.



vishaltr1012@gmail.com

9500510353

Chennai, India

linkedin.com/in/TR VISHAL

EDUCATION

SSLC (CBSE)

PSG Public Schools, Coimbatore

2017 - 2018

92%

HSC (CBSE)

PSG Public Schools, Coimbatore

2019 - 2020

95.6%

B.E Manufacturing Engineering

College of Engineering Guindy, Anna University

2020 - Present

8.83 CGPA (Up to Semester 5)

WORK EXPERIENCE

Rollcage Lead

CEG Motorsports

04/2023 - Present

Achievements/Tasks

- Part of the Rollcage vertical, from 07/ 2022, at the Official SAE Collegiate Club of College of Engineering Guindy
- Designed and Fabricated a robust and cost efficient ATV with good ergonomic features

In - Plant Trainee

Carborundum Universal Limited

07/2022 - 08/2022

Achievements/Tasks

- Calculated OEE for the machines
- Estimated the overall Yield Loss during production and suggested ways to reduce it
- Conducted performance tests for two types of grinding wheels and analysed the outcome

ORGANIZATIONS

CEG Tech Forum (12/2021 - 08/2022)

Poster Designer

NSS Unit 4 (08/2020 - Present)

Logistics Head

SKILLS

MANAGEMENT

PROBLEM SOLVING

SOCIALIZABLE

COMMUNICATION

PERFECTION

HARD WORKING

PERSONAL PROJECTS

Low cost Catalytic converter (10/2022 - 02/2023)

- Designed a catalytic converter that is cost-effective by using Copper, Zinc and Aluminum instead of platinum and palladium as the catalyst.

ACHIEVEMENTS

Received Rajya Puraskar award for Scout and Guides, under the patron of Tamilnadu - 2018

AIR-1in Engineering Design (BAJA SAE INDIA) (02/2023)

AIR- 13 in Cost report (BAJA SAE INDIA) (02/2023)

Winner - Best 4WD (BAJA SAE INDIA) (02/2023)

Secured centum in Social Science SSLC (CBSE) Exam (2018)

Secured centum in Biology HSC (CBSE) Exam (2020)

INTERESTS

SIX SIGMA

DESIGN FOR MANUFACTURING

ADDITIVE MANUFACTURING

PROCESS PLANNING

COST ESTIMATION