



BRIJITH S

System Modeling and Simulation Engineer

My Contact

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📍 KALAPPAKKAD(HOUSE) CHEN
GANIYUR ,MATHUR (P.O),
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Skills

- PYTHON
- MATLAB
- SOLIDWORKS
- AUTOCAD
- ANSYS

Education Background

- EV System Modeling and Simulation Engineering
Cloudkampus, Chennai, Tamil Nadu
Completed in 2022
- Automobile Engineering
Nehru College of Engineering & Research Centre, pampady, Thiruvilwamala, kerala
Completed in 2021
- Higher Secondary
Vijayamatha convent Higher Secondary School, chittur, kerala
Completed in 2017

Languages

- Malayalam
- English
- Tamil

Interests

- Music
- Travel
- Reading Books

About Me

Automobile B.Tech Degree graduate, passionate in automobiles and related fields, where I can apply my four year degree knowledge as well as learn new skills and ideas and hence enhance my vision and passion while contributing to the success of the company to the maximum.

Personal Projects

INTEGRATED TRICYCLE WHEELCHAIR (Completed in 2021)

- This project focuses on Designing a mobility aid for the physically challenged people to travel

EV SYSTEM MODELING AND SIMULATION ENGINEERING (COMPLETED IN 2022)

- Calculating the traction power for an ICE vehicle and simulating using MATLAB
- Developing a motor model with control algorithm for a given EV drive requirement
- Study and implementation of cell balancing algorithm using Simulink
- Develop a Simulink model of a DC motor using ODE
- Study the system characteristics of Automotive suspension system

Achievements

- Attended six day online workshop based on AUTOMOTIVE R&D DESIGN conducted by Motor vikatan &Supported by Mahindra Rise
- Participated in a webinar on "LATEST TRENDS IN INDIAN AUTOMOTIVE INDUSTRY" organized by Dept. Of Automobile, NCERC
- Attended six day workshop in CAR PORT AUTO GARAGE, Nurani, palakkad, kerala
- Participated in a webinar on "EV market trends and the charging station challenges" organized by cloudkampus
- Attended six day internship in CLASSIC HYUNDAI, Malappuram