

EDUCATION

- 01/2021 - Present **Texas A&M University**, College Station, Texas. Master of Science in Civil Engineering
Specialization: **Transportation Engineering**. **GPA: 3.76/4**
Relevant Courses: Transportation Economics, Sustainable Transportation, Highway Design, Highway Safety, Traffic Engineering Characteristics and Planning Urban Transportation.
- 08/2016 – 08/2020 **RV College of Engineering**, Bengaluru, India
Bachelor's in civil engineering. **GPA: 7.79/10**
Relevant Courses: Highway Engineering, Traffic Engineering & Transportation Planning, Pavement analysis and Design.

ACADEMIC PROJECTS

- 07/2019 – 08/2020 **Synchronization of Traffic Signal and Validation using PTV VISSIM**
- Analyzed a junction for existing data such as traffic volume count, speed of the vehicles and delay period and simultaneously delivered alternative designs in terms of traffic signal timings.
 - Ran simulation for the proposed design on PTV VISSIM software to check economic feasibility and road safety, with special focus given on increasing the total average speed and reduction in time travel.

LEADERSHIP

- 10/2016 – 01/2020 **Team Chimera** – Electric Formula SAE team of RVCE.

Key responsibilities

- **Bodywork Head and Vice-Captain.**
- Responsible for the integration of Mechanical sub-systems of the prototype.
- Documentation of the sub-systems for cost report, design report and business plan.
- Performed Computational Fluid Dynamics (CFD) Analysis and Performance Optimization on the prototype for the event “FORMULA BHARAT”

Key achievements

- Designed and manufactured Electric prototype for the years 2018 and 2019

TECHNICAL SKILLS

- **Software:** AutoCAD, SolidWorks 3D, MATLAB, PTV VISSIM
- **Programming:** C Beginner Proficiency

RECOGNITIONS AND AWARDS

- **Formula Green 2018** –Awarded 3rd position for Design evaluation, Cost report and Business Presentation by Team Chimera.
- **Formula Bharat FSEV Cost Challenge 2018** – Secured 5th and 6th position in Cost Event and Design Event respectively.
- **Formula Bharat 2019** – Secured 1st and 5th position in Business Presentation and Cost Event respectively.
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MEMBERSHIP/AFFILIATIONS

- **American Society of Civil Engineers** – Student Member