



Address: 127, railway feeder road, Tenkasi
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Birthdate: 29.05.1999
Nationality: Indian

Professional Experience

Intern Trainee at GUGU ENERGY, Coimbatore

02/2020 – till date

- Reverse Engineering the battery modules of E-Bike and improving its thermal management thereby increasing its Electric vehicle Range(EV Range)
- Improvising the aerodynamic behaviour thereby reducing drag and rolling resistance by implementing effective bearings
- **Solidworks, Ansys Fluent (CFD), CMM softwares**

Team PANAMERA | GCT Coimbatore

Team Analysis/Overall Lead

02/2019 – 07/2019

- Managed the analysis part and total calculations part of the team and presented the detailed report about the same in the event called Smart India Hackathon -19 (Hardware ware Edition)
- Led the overall design and manufacturing part of the team and presented our working model in the Event and awarded as **Winners** with cash prize of 1 Lakh.
- **Catia, Ansys (Fluent & Structural), Cura (Slicing Software)**

ELEATION | Pune

Virtual Intern/Trainee

05/2019 – 06/2019

- Training on Various CAE Techniques - Performing FEA on given Industry components in ANSYS Workbench
- Performed analysis on **Wind Turbine Blade** and suggested suitable material based on Static, Modal, Frequency Response using hex dominant meshing
- **Ansys (Structural & Modal)**

SAE Asphalters Tractor | GCT, Coimbatore

Team Ergonomics Lead/Brakes sub-Lead

03/2017 – 06/2018

- Design and Development of novel space frame chassis for a 17 hp mini tractor, selection of gear ratios based on performance requirements
- Overall First place at SAEISS National level Tractor design competition, best design award.
- Worked under ergonomics and formulated the data required for the vehicle and designed brakes system for the vehicle and manufactured it
- **Solidworks, Ansys Thermal**

ROOTS INDUSTRIES INDIA LIMITED | Thoppampatti, Coimbatore
Implant Training

11/12/2018 – 28/12/2018

- Roots industries are the leading manufacturer of horns and one of the popular industry in the nation.
- Studied about each section in the industry and a detailed report is submitted
- **MS Word**

Education

Bachelors in Mechanical Engineering, Government college of technology, coimbatore	2016 – till date
<ul style="list-style-type: none">• Product design and development, Analysis• CGPA: 8.7	
HSC at Bharath Montessori Matric. Hr. Sec. School, Ilanji	2014 – 2016
<ul style="list-style-type: none">• Maths, Physics, Chemistry, Computer Science• Percentage: 96.54	
SSC at Sri Parasakthi Vidyalaya (C.B.S.E), Courtallam	2013 - 2014
<ul style="list-style-type: none">• Maths, Science, Social Science• CGPA: 9.2	

Software Skills

- SolidWorks, AUTOCAD, Creo (Experienced)
- ANSYS (Experienced)
- MATLAB and Simulink (Beginner)
- Cura (Slicing Software)
- C, C++ (Experienced)
- MS Office Package (Experienced)

Languages Known

- Tamil
- English
- Hindi
- Japanese (read/speak)

Skills and training

- Automotive
- Computational Fluid Dynamics (CFD)
- Ansys
- Ergonomics
- Manufacturing
- Team leadership
- Management