

## EDUCATION

### B. Tech - Mechanical with Specialization in Energy Engineering

Vellore Institute of Technology, Vellore

07/2016 - 05/2020

CGPA: 9.21/10

### Higher Secondary Certificate (Class XII)

Pace Junior Science College, Dadar

2014 - 2016

Percentage: 84.46%

### Indian Certificate for Secondary Education (Class X)

Bombay Scottish School, Mumbai

2012 - 2014

Percentage: 92%

## WORK EXPERIENCE

### Business Analyst

TEG Analytics

05/2020 - Present

Bangalore, India

Working in the Healthcare industry for clients based in USA. Converted from internship to permanent role on 1st October, 2020.

#### Tasks

- Python scripting (ETLs, automation)
- Developing & handling client dashboards (Tableau)
- Creating & maintaining database for product platform (SQL)
- Handling ad hoc client service requests
- Creating new analytics products to enhance platform value

## EXTRA-CURRICULAR ACTIVITIES AND SUMMER INTERNSHIPS

Mahindra Research Valley, Mahindra and Mahindra, Chennai  
(06/2019)

Vehicle Dynamics Intern. Modeling and Simulation of Dynamic Vehicle Models

Hindustan Aeronautics Ltd, Engine Division, Bangalore  
(05/2018)

Summer Intern. Underwent training in gas turbine engines

Designer at ASME Projects Team

Team designs and fabricates robots, quadcopters, R/C aircrafts for national and international competitions. Boeing IIT Madras Aerotrix Finalist.

Manager ASME E-Fest Asia Pacific 2019

Engineering Festivals comprises of several competitions, workshops and networking events with 1200+ participants in Asia Pacific Leg of Global Event.

Member at ASME VIT

Co-ordinator: Mechnovate 2018 (National Technical Symposium)

VIT Riviera 2017

Crew Member at ComicCon, an event at the cultural festival of Vellore Institute of Technology.

Completed 2 Himalayan Treks

Achievement Certificates Awarded

Military Camp at Bhonsala Military School (Nashik, India)

Achieved 2nd Place in Rifle Shooting Competition with 400+ participants.

Completed UCMAS Abacus Levels 1-10

Participated in 2nd and 3rd Maharashtra State Level UCMAS Abacus and Mental Arithmetic Competition.

## TECHNICAL SKILLS

Python

SQL

Big Data

Tableau

MS Office

Mental Arithmetic

MATLAB

## ACADEMIC PROJECTS

Co-authored a Research Paper on 'Evaluation of Continuous Improvement Techniques using Hybrid MCDM Techniques under Fuzzy Environment' [🔗](#)

- Utilized Fuzzy AHP and Fuzzy VIKOR to rate several alternatives based on different criteria.
- Published in Elsevier Materials Today Journal.

Automated Irrigation System

- Tracks soil quality and administers required amount of water.
- Prototype and Business Model Completed.

Solar Mosquito Scare Device

- Uses solar energy to produce ripples in water preventing larvae formation.
- Prototype Constructed.

## ACHIEVEMENTS

Finalist at L&T Technology Services Techgium 2020 (Finals Pending)

Presented solutions for aerodynamic noise reduction. Selected in the top 60 of over 5000 teams.

Runner-up at AB InBev Brewmatica, Bengaluru 2019

A 24-hour Business Analytics Biz-a-Thon aimed at solving corporate challenges. Only undergraduate finalist team among 1100+ participating teams nationwide.

Awarded Merit Scholarships annually for years 2016 to 2019

For securing rank amongst the top 5 in the department every year.

Selected for paper presentation and publishing at International Conference on Materials, Manufacturing and Modelling 2019

Paper Title: Evaluation of Continuous Improvement Techniques using Hybrid MCDM Techniques under Fuzzy Environment.

Awarded scholarship of Rs. 25,000 annually for undergraduate studies under the "G V School Development Programme" for outstanding performance in VITEEE-2016

Qualified for Scholarship under "Innovation in Science Pursuit for Inspired Research (INSPIRE)" scheme for securing rank in top 1% of the Maharashtra School Board

Valued at Rs. 80,000 per year for 5 years.

## CERTIFICATIONS

SQL by Stanford Lagunita (02/2020) [🔗](#)

Machine Learning by Andrew Ng (10/2019) [🔗](#)

IBM Data Science Specialization (08/2019) [🔗](#)

Open Water Diver, PADI (01/2018)

## INTERESTS

Trekking

Swimming

Deep Sea Diving

Reading