

MAJOR PROJECTS UNDERTAKEN, RESEARCH PAPERS, INTERNSHIP and CERTIFICATIONS

- **Google Data Analytics Professional Certificate (On going certification)**
 - Data analytics is the collection, transformation, and organization of data in order to draw conclusions, make predictions, and drive informed decision making.
 - Skills: Data cleaning, problem solving, critical thinking, data ethics, and data visualization.
 - Platforms and tools: Presentations, Spreadsheets, SQL, Tableau and R Programming
- **Data Acquisition System for Formula Prototype Cars**
 - Designed and fabricated data acquisition system for Formula prototype cars.
 - The acquired data was used to improve the suspension geometry, braking system and increasing the radiator efficiency of our Formula prototype car.
- **Conduction Angle Control of Switched Reluctance Motor (Research Paper- Journal of Physics: Conference S)**
 - Designing and manufacturing of power converter for Switched Reluctance Motor for torque ripple minimization.
 - A close loop control strategy with torque ripple minimization algorithm implementation for motor working which can be implemented for Electric Vehicles.
 - To cite this article: Pramesh B Sherla et al 2020 J. Phys.: Conf. Ser. 1716 012011
- **Electronic Gear Shifting System for Formula Prototype Cars**
 - Build a cost-effective electronic gear shifting mechanism for formula prototype cars.
 - Achieved results seen practically showed significant increase in shifting speed at tight corners.
- **Internship in Paramount Communications Pvt Lt**
 - Study of various cable, their manufacturing and application in industries, buildings and railways.

EDUCATIONAL QUALIFICATION

Course (Stream)/Examination	Institution/University	Year of Completion	Performance
B.Tech - EEE (Bachelor of Technology -Electrical and Electronics Engineering)	Vellore Institute of Technology, Chennai	2016--2020	CGPA -7.8 (On the scale of 10)
AISSCE (Science)- CBSE	Army Public School, Pune	2016	85.7%
AISSE – CBSE	Army Public School, Pune	2014	CGPA-8.6(On the scale of 10)

TECHNICAL CERTIFICATIONS AND SKILLS

- Complete Oracle SQL Certification Course by Udemy.
- Microsoft Excel Advance Course by Udemy.
- Skills in Python, C, MS Office, Eagle, Keil.

POSITIONS OF RESPONSIBILITY

- Operation Executive in The Climber – MyCaptain, a tech-ed start-up (From June 2020 – August 2020)
- Head of the Electrical Department, Shaurya Racing (VIT Chennai Official FSAE team) thus looking after the designing of the electrical system, data acquisition, and finance of the department.
- Head of Digital Marketing Team in Vibrance'18.
- Event Coordinator in TechnoVIT'18.
- Member of Ambience committee Vibrance'17.
- Member of Event Management Committee in TechnoVIT'17.

AWARDS AND ACHIEVEMENTS

- Ranked 5th over-all and 3rd in efficiency in Formula Bharat 2019 being a member of Team Shaurya.
- Certificate for Best Special team award for Sharuya Racing on University day 2019.
- Certificates in intra-college events.

KEY SKILLS

- Communication and presentation skills
- Analytical and problem-solving skills
- Team player and relationship skills
- Project management and decision-making skills
- Organizational and time management skills

INTEREST ACTIVITIES

- Traveling
- Sports
- Cooking