



**COMPUTER PROFICIENCY:**

**Languages** : Basics of C, Java, Python.

**Packages** : Fundamentals of AutoCAD, Fusion 360, SolidWorks, Automation Studio, ABB-PLC, Basics on ANSYS Workbench 16.0.

**Platforms Used** : Windows XP, Windows 7, 10.

**TRAINING DETAILS & PROJECTS:**

Name of the Industry	Duration	Areas of Exposure
<b>KCT Garage,</b> Coimbatore.	2 Years	<ul style="list-style-type: none"><li>➤ Designed and Manufactured an Electric-All Terrain Vehicle(ATV)</li><li>➤ Fabrication process such as cutting, fitting, drilling, welding, etc.</li><li>➤ Design and analysis of the components are performed using Solidworks and Ansys software.</li></ul>
<b>KC.IRI</b> Coimbatore.	6 Months*	<ul style="list-style-type: none"><li>➤ Teleoperation mode and Driver less mode (Autonomous mode) of All Terrain Vehicle mainly for surveillance purpose.</li><li>➤ STM coding Interface, Raspberry pi-4 and Python.</li></ul>

\* Currently working on the project.

**FIELDS OF INTEREST:**

- Strength of Materials.
- Manufacturing of gears.
- Racing - OffRoad.
- Coding and Designing.

**ELECTIVES:**

- Automobile Engineering.
- Manufacturing of gears.
- Programming on Java.

### ***ACHIEVEMENTS:***

- Won overall **Third place** in ATV racing at “**FMAE**” held at FMAE Motopark, Hyderabad.
- Placed overall 2nd in Tamil Nadu and 1<sup>st</sup> in Coimbatore at the Virtual presentation of "**BAJA 2020**".
- Participated in “**MAHINDRA - SAE BAJA 2020**” held at “**NATRAX**” Pithampur, Madya Pradesh.

### ***EXTRA & CO-CURRICULAR ACTIVITIES:***

- Attended Workshop On “**PERSONALITY DEVELOPMENT**” Conducted By Indian Institution of Industrial Engineering (IIIE).
- Organizer of **Robotics Workshop** in Kumaraguru College of Technology conducted by **IIT**.
- Organizer of “**ROBO SOCCER**” event at KCT Yugam 2019 and 2020.
- Attended 1 Day “**MAT-LAB WORKSHOP**”.
- Attended 3days “**SAE BAJA WORKSHOP 2020**” conducted by **MAHINDRA** at Hindustan Institutes, Chennai.

### ***HOBBIES:***

- Bike Riding
- Gamming
- Trekking

I, **Akbar Ali N H**, do hereby confirm that the information given above is true to the best of my knowledge.

