

ARUL VIGNESH.M

COLLEGE OF ENGINEERING, GUINDY



Anna University, Chennai-25

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OBJECTIVE

- To seek an intern that will test and fine-tune my abilities, attitude and skills

EDUCATION

Program	Institution	%/CGPA	Year of completion
B.E-Mechanical Engineering	CEG Campus, Anna University, Chennai	Ongoing	2026
XII	T.M.H.N.U.Mat.Hr.Sec,School	96.16	2022
X	T.M.H.N.U.Mat.Hr.Sec,School	95.8	2020

AREA OF INTEREST

- Hydrogen fuels
- Propulsion
- Space Debris
- Engine with Alternate Fuels

SOFTWARE SKILLS

- Solidworks
- AutoCad
- Adobe illustrator
- MS Office

PROJECTS

- Peck Drilling Machine**
Done a peck driller using pneumatic valves and acutators with little bit of electronics controlled over Arduino (ESP32)
- Preparation of Green-Diesel**
Used to activate carbon and add catalysts like Nickel to make green diesel, which is better for the environment. We check its properties, like its flash point, to make sure it's safe and works well.
Work experience in Engines.

POSITIONS OF RESPONSIBILITY

- Senior drivetrain member at Ceg-Motorsports Baja team.
- Placement Representative.
- Served as Cadet in NCC-Army, 2023.
- Contributed as a junior member in SME Marketing, 2024.
- Coordinated workshops at Ceg Tech Forum, Kurukshetra, 2024.
- Organized Anna Hockey League 2023, 2024.
- Organized College Annual Sports Meet, 2024.
- Assisted in organizing National Sports Organization-NSO'24.
- Coordinated Awareness program under Naan Mudhalvan Scheme.

WORKSHOPS ATTENDED

- Hands-on experience with hydraulics and pneumatics equipment.
- Got an intro to IoT.
- Trained in Arduino by Anna University's ECE Department.
- Attended Classical workshop

CERTIFICATES

- 3D modeling, Solidworks in AU-FRG

EXTRA-CURRICULAR ACTIVITIES

- First place in Hockey at the Annual Sports Meet, 2023.
- First place in Zonal Hockey Tournament, 2023.
- First place in Zonal Hockey Tournament, 2024.
- Participated in EBSB NCC camp.
 - Toured DRDO - CVRDE in Avadi, witnessing tanks like Arjun MK1.