



Thiagarajar College of Engineering

A Government Aided ISO 9001:2000 Certified Autonomous Institution Affiliated to
Anna
University

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NAME : MEHADEES R

REG No : 21D056

DEGREE : B.E - Electronics and Communication Engineering



PROFESSIONAL OBJECTIVE

Enthusiastic Electronics and Communication Engineering graduate with good organizational skills accompanied by strong technical expertise is looking for a challenging professional career.

ACADEMIC RECORD

CLASS / COURSE	NAME OF THE INSTITUTION	BOARD OF STUDY	YEAR OF PASSING	MARKS (%) / CGPA
B.E Electronics & Communication Engineering 12th	THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI	ANNA UNIVERSITY	2025	6.93 (till 5 th Semester)
	VIVEKANANDHA VIDYALAYAM	STATE BOARD	2021	84.2
10th	SPECTRUM ACADEMY	STATE BOARD	2019	66.8

TECHNICAL EXPERTISE

- **Simulation Software** : MatLab, ADS
- **Programming Software** : C, DBMS, HTML, CSS

PROJECTS & IDEA PROPOSALS

TRUCK CABIN VENTILATION SYSTEM

Team Size

6

Description: The system analysis the physical environment of the truck and make operations to maintain the carbon di oxide and oxygen level in the truck cabin. The system also notifies the fleet manager and truck driver regarding the carbon di oxide level.

Apparatus Used

NodeMCU, Sensors, Arduino IDE, Thingspeak Database, HTML, CSS, JAVA.

Project Time Duration

Approx. 2 months

AUTOMATIC WATER TANK CLEANER	
Team Size	6
Description : To clean and maintain water tanks automatically on a regular basis. A machine which rotates 360 degree horizontally, hanged inside the tank with an attached brush and water spray to clean the tank automatically.	
Apparatus Used	Stepper motor, Node MCU, Mechanical setup
Project Time Duration	Approx. 3 months (Ongoing)

CAR DAMAGE DETECTION	
Team Size	4
Description : This project utilizes Roboflow and Google Colab in conjunction with YOLOv5 for car damage detection. YOLOv5, a powerful object detection algorithm, is implemented via Roboflow to identify and localize damage on vehicles. Using Google Colab's computational resources, this setup efficiently trains and deploys a model capable of detecting and categorizing various car damages, aiding in automotive inspections and insurance assessments.	
Apparatus Used	Roboflow, Google colab
Project Time Duration	(Ongoing)

INDUSTRIAL TRAINING

IN-LAB INTERNSHIP			
Start Date	4th January 2023	End Date	13th January 2023
Description	Introduced to various Special Interest Groups (SIG) available in ECE Dept.		

AREA OF INTEREST

- Image Processing
- Networking

ACHIEVEMENT

- Won prizes in Tamil Mandram.
- Won medals in department matches.
- Won prizes in department cultural events.

CO-CURRICULAR ACTIVITIES

- Active member of Women Development Cell (WDC).
- Member of various associations namely Visual arts, Photography club.

EXTRA-CURRICULAR ACTIVITIES

- Active member in WDC club.
- Participated in department matches.
- Participated in cultural events.

LEADERSHIP TRAITS

- Class Committee member in the Department.
- Coordinator in Women Development Cell.

HOBBIES

- Playing.
- Listening to Music.

LANGUAGES

- **Tamil** : Read, Speak, Write
- **English** : Read, Speak, Write

PERSONAL DETAILS

Contact Address

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Permanent Address

1/43F MGR Nagar Opp,
Periyapatti Road, Periyapatti,
Namakkal - 637002

Ph : 9384385679

Email : mehadees@student.tce.edu

Date Of Birth : 2004-06-22

Age : 19

Gender : Male

Father's Name : RAMESH M

Mother's Name : VIJAYABHARATHI S

Mother Tongue : TAMIL

I, **R.MEHADEES** do hereby confirm that the information given above is true to the best of my knowledge.

PLACE : Madurai

DATE :



SIGNATURE