BEST PRACTICE 1

Vishnu Vehicle Design lab (EV Lab)

EVIDENCE OF SUCCESS:

THE STUDENTS PARTICIPATED IN AGKC 2024 SEASON 1-A NATIONAL LEVEL GO KARTING CHAMPIONSHIP ORGANISED BY ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT AND SECURED FIRST POSITION

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AITAM's GO-KARTING CHAMPIONSHIP AGKC

CERTIFICATE

OF PARTICIPATION

This is to certify that R. LAKSHMI TULASI of BVRIT-H college has successfully participated in **AGKC 2024 Season 1 - A National Level Go Karting Championship**, hosted by Aditya Institute of Technology and Management,Tekkali from February 26th to 29th ,2024.

Throughout the competition, he/she showcased remarkable skill, sportsmanship, and enthusiasm, embodying the true spirit of motorsport.

CONVENER PRINCIPAL DIRECTOR

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AITAM's GO-KARTING CHAMPIONSHIP AGKC

CERTIFICATE

OF MERIT

This certificate is awarded to Team TEAM ACCELERATORS from BVRIT Hyderabad Engineering for Coomen college for their performance in Weight Test and secured First position in **AGKC 2024 Season 1 - A National Level Go Karting Championship**, hosted by Aditya Institute of Technology and Management,Tekkali from February 26th to 29th ,2024.

Throughout the event, The team showcased remarkable skill, sportsmanship, and enthusiasm, embodying the true spirit of motorsport.

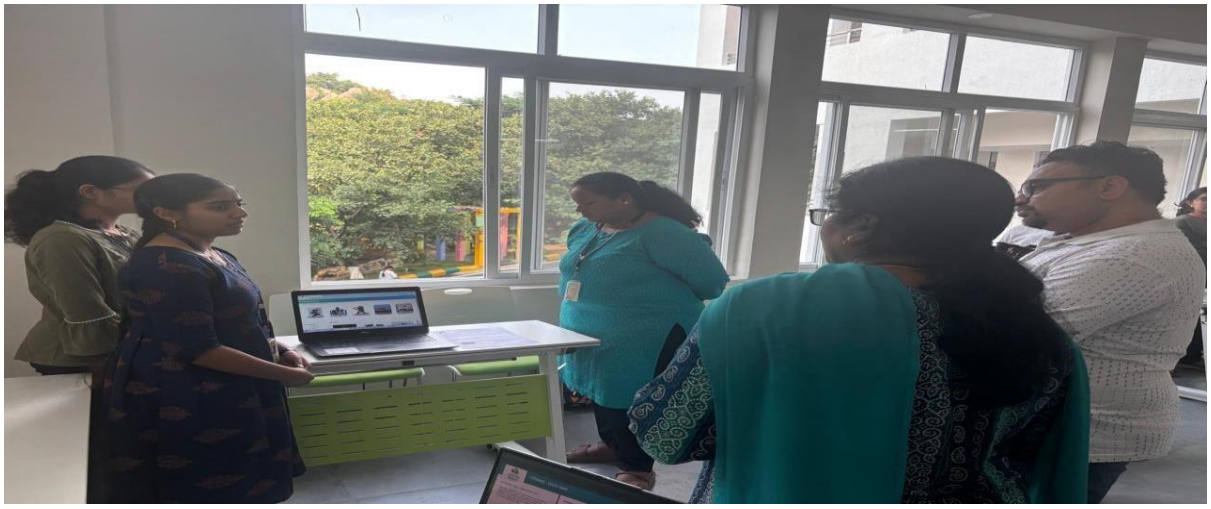
CONVENER PRINCIPAL DIRECTOR

BEST PRACTICE 2

Domain-specific trainings

EVIDENCE OF SUCCESS:

INDUSTRIAL PROJECT EXPO




BVRIT HYDERABAD
College of Engineering for Women
SAFETY PRECAUTIONS

MATHEMATICS FOR MACHINE LEARNING LAB

PATENT PUBLISHED BY RAMPELLI MANOJKUMAR AND TEAM

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(57) Abstract :
The project aims in designing an intelligent system which helps in avoiding accidents by alerting and controlling the speed if vehicles detect the obstacle. In day to-day life road accidents go on increasing due to various reasons. Some road accidents may be caused due to chasing between two vehicles. We avoid these kinds of accidents by providing some precautionary methods using ultrasonic sensors. Ultrasonic sensors generate high frequency sound waves and evaluate the echo which is received back by the sensor. These sensors calculate the time intervals between sending the signal and receiving the echo to determine the distance to an object. In this project we are using two ultrasonic sensors which we mount on the front and back side of the vehicle. When the vehicle detects the obstacle through sensors, the distance of the obstacle will be displayed on an LCD display.