



BRIEF SUMMARY

An enthusiastic engineering student driven by curiosity, teamwork, and leadership. Served as World Rotaract Week Chairperson, leading impactful initiatives that enhanced collaboration and community engagement. Strives to combine technical expertise with social responsibility to create meaningful innovations.

KEY EXPERTISE

MATLAB

AutoCAD

EDUCATION

MIT Academy of Engineering, Pune

2023 - 2027

B.Tech. - Electronics and Telecommunication Engineering | CGPA: 6.35 / 10

Khemaji Naik Arts & Science Junior College, Pitiguda

2023

12th | MSBSHSE | Percentage: 72 / 100

Dilasagram Convent High School, Ballarpur

2021

10th | MSBSHSE | Percentage: 68.40 / 100

PROJECTS

VEHICLE ACCIDENT ALERT SYSTEM (Prototype Project)

Mentor: Prof. Vaishali Katkar | Team Size: 4

Designed and developed an intelligent accident detection and alert system using Arduino Nano, ADXL345 accelerometer, GPS (NEO-6M), and GSM (SIM800L) modules to automatically detect collisions and send real-time location alerts to emergency contacts. Integrated Wi-Fi (ESP8266) for contact management and manual emergency/cancel buttons to prevent false alarms. The system ensures faster emergency response by providing instant accident notifications with GPS coordinates, enhancing passenger safety in vehicles. Focused on cost-effective design, real-time communication, and reliability, with successful testing of impact sensitivity, location accuracy, and transmission speed.

An Intelligent Vehicle Detection and Alert System for Road Safety in Hilly Areas

Mentor: Dr. Kalpana Pawase | Team Size: 4

This invention is related to the field of automated road safety systems, particularly in hilly and accident-prone terrains, using sensor-based detection and signaling mechanisms. More specifically, it is a system to detect approaching vehicles and alert other road users via visual and audio signals to prevent accidents.

POSITIONS OF RESPONSIBILITY

World Rotaract Week Chairperson - Rotaract Club, MIT Academy of Engineering, Alandi, Pune.

As the **World Rotaract Week Chairperson**, I successfully led and coordinated the week-long celebration dedicated to promoting the values of Rotaract, youth leadership, and community service. I was responsible for **planning, organizing, and executing multiple social impact events**, ensuring maximum participation and engagement across members and the community.

My role involved **strategic event management, team leadership, sponsorship coordination, and public relations**, working closely with Rotaract and Rotary members to align all activities with global Rotaract goals. I spearheaded initiatives that fostered **volunteerism, leadership development, and fellowship**, while enhancing the visibility and reputation of our club within the district.

PERSONAL INTERESTS / HOBBIES

- Trekking, Photography, Leadership and Community Service, Traveling and capturing cultural experiences

PERSONAL DETAILS

Gender: Male

Marital Status: Single

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Date of Birth: 02 Dec, 2004

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