




PROJECT SELECTION FORM

Post Graduate Diploma - August 2024

1. Names of the Member

Sl. No.	Name	Roll No.	Signature
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2. Title of the Project

RTOS-Based Traffic Accident Detection System

3. Brief Description of the Project

Design an RTOS-based system that detects traffic accidents using sensors in vehicles. The system should alert emergency services with GPS location and accident severity data.

4. Software Requirements of the Project

1.IDE Keil, Aurdino IDE

2.FreeRTOS

3.Debugging Tools

4.Tinkercad Proteus

5. Hardware Requirements of the Project

1.Microcontroller

2.ARM Cortex-based MCU

3.GPS module, LEDs or buzzers

4.Communication module



Mr. Pavan Jadhav

Approved By (Guides Name & Signature)

09-12-2024

Date of Submission