COMPUTER ENGINEERING DEPARTMENT

WEEKLY PROJECT PROGRESS REPORT

Semester: -7th	Date:- 25/06/2025
Student Name:	Enrollment No:
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Project Title: - Real-Time Object Detection System Using YOLO for Intelligent Surveillance and Monitoring
Weekly Work Done: - • Successfully integrated the webcam feed into the Tkinter application, displaying the video in real-time. • Loaded a pre-trained base model (YOLOv11) and drew bounding boxes for detected objects on the video frames. • Developed the initial user interface, including a start screen with a detection button.
Work Planned for the Next Week: - • Begin the process of gathering and organizing a large, custom dataset for training. • Set up a Roboflow account to manage the dataset annotation and preprocessing workflow.

Sign of Internal Guide

Sign of HOD