

COMPUTER ENGINEERING DEPARTMENT

WEEKLY PROJECT PROGRESS REPORT

Semester: -7th	Date:- 22/09/2025
Student Name:	Enrollment No:
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<p style="text-align: center;">Project Title: - Real-Time Object Detection System Using YOLO for Intelligent Surveillance and Monitoring</p>	
<p>Weekly Work Done: -</p> <ul style="list-style-type: none"> Conducted detailed performance benchmarks, comparing the custom-trained YOLOv10 model with the base YOLOv11 model. Measured and recorded the average FPS and detection accuracy for both models under various lighting conditions. Analyzed the results to determine the optimal model for the target laptop hardware, balancing speed and accuracy. 	
<p>Work Planned for the Next Week: -</p> <ul style="list-style-type: none"> Finalize the application code based on the benchmarking results. Create comprehensive project documentation, including a README.md file. Prepare a final presentation or summary of the project findings. 	

Sign of Internal Guide

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DEPARTMENT OF COMPUTER ENGINEERING

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