# Weekly Progress Report (WPR)

# Amity School of Engineering & Technology
## B. Tech (CSE) V Semester

### Weekly Progress Report -2

### Duration: 20/05/2025 to 26/05/2025

Students Weekly Progress Report (WPR) for Odd Semester of session 2024-2025

| To be filled by Students | |
|---|---|
| Students Name | Niranjan Praveen |
| Roll no. | 087 |
| Enrollment no. | A2305223087 |
| Project Title finalized, if Yes, give name, if NO, give reason | Interactive Web Dashboard for Visualizing Adversarial Attacks on Image Classifiers |
| Synopsis submitted | Yes |
| Literature review | Started |
| Technical & Economical Feasibility | YES |
| Bill of Material | NO |
| Project Progress Schedule (PERT Chart) | Yes |
| Design of critical components | Not yet started |
| Fabrication work (give %) | N/A |
| Experimental work (give %) | N/A |
| Result and Analysis | Trained a ResNet-18 classifier on CIFAR-10 with ~85% accuracy. |
| Report writing | Not yet Started |
| Signature of students | |

Work done in this week:
1. Designed and implemented the frontend using ReactJs and NextJs
2. Integrated UI components for image upload, model selection, and parameter sliders.
3. Trained a ResNet-18 classifier on CIFAR-10 with ~85% accuracy.

| To be filled by Guide (strike off whichever is not applicable) | |
|---|---|
| Performance of students is satisfactory | |
| Performance of students is unsatisfactory | |
| A warning to be issued to student(s) (Name) | |
| Student was not well (Name) | |
| | |
| Date | Signature of Guide |

Date: