**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

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| **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.

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| 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: