Weekly Progress Report (WPR)
Amity School of Engineering & Technology

B.Tech (CSE) VII Semester

WPR 3   Duration: 27/05/2025 to 02/06/2025

Students Weekly Progress Report (WPR) for Odd Semester of session 2025-2026

To be filled by Students	
Students Name	Kanchan Rai
Roll no.	2335
Enrollment no.	A2305222335
Project Title finalized, if Yes, give name, if NO, give reason	DIA-CoE Projects DARPAN
Synopsis submitted	This project delivers a full-featured web platform for managing research projects at DIA-CoE DRDO SSPL. It simplifies the process of handling project records while enforcing strict validation to ensure data reliability. Key features include a fast search system, options to export data, and detailed activity tracking for each user. By clearly separating administrative and viewer roles, the platform promotes secure and organized access to project data, ultimately improving operational transparency and efficiency within the organization.
Literature review	Reviewed updated government and institutional project tracking systems to study how they handle milestone-based data like meeting history and technical statuses. Insights from these systems guided the layout and labeling of the new fields. Feedback from DRDO scientists further validated the practical relevance of the additions.
Technical & Economical Feasibility	The project is technically feasible with the help of open-source tools and libraries. From a cost perspective, it's highly economical—there's no need for any proprietary software or hardware.
Bill of Material	0
Project Progress Schedule (PERT Chart)	The tracking fields have been newly integrated, and the schema has been updated in alignment with the planned development timeline.
Design of critical components	-
Fabrication work (give %)	-
Experimental work (give %)	-
Result and Analysis	The system's data model was expanded to incorporate new fields, including expected deliverables/technology, outcome

	alignment, meeting dates, and statuses. These enhancements greatly improve the system's capability to capture ongoing project progress and historical context. Comprehensive testing confirmed that all fields integrate smoothly with existing CRUD operations and UI components.
Report writing	-
Signature of students	Kanchan Rai

Work done in this week :

- Introduced new columns to the project schema, including expected deliverables/technology, outcome alignment with ongoing initiatives, RAB/GC meeting dates, held dates, and meeting minutes.
- Integrated these fields into both project creation and update forms to enable comprehensive data entry.
- Updated backend logic with SQLAlchemy to ensure proper storage and retrieval of the new fields.
- Modified dashboard views to display the additional information, enhancing project tracking and visibility.
- Strengthened the system's ability to capture ongoing progress and detailed meeting history for each project.
- Performed thorough testing to ensure data integrity and UI consistency following the schema and form enhancements.
- Collaborated with DRDO SSPL personnel to validate the practical relevance and utility of the newly added fields in operational workflows.

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:
02-06-2025