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

B.Tech (CSE) VII Semester

WPR 4   Duration: 03/06/2025 to 09/06/2025

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

To be filled by Students	
Students Name	Yati
Roll no.	2330
Enrollment no.	A2305222330
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	Studied layouts from institutional research dashboards and open-source analytics portals. Learned best practices for visual data segmentation and project-level filtering. Feedback from domain experts validated the separation between raw data and its analysis, reinforcing the chosen layout and functionality approach.
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)	Homepage redesign and modular separation (Database/Data Analytics) completed as scheduled. Filter feature implemented in parallel to improve data accessibility ahead of planned milestones.
Design of critical components	-
Fabrication work (give %)	-
Experimental work (give %)	-
Result and Analysis	The system was enhanced with a modular interface featuring a redesigned homepage that links to two dedicated sections: Database and Data Analytics. The Database module now

	supports advanced filtering across multiple columns, enabling users to efficiently search and explore project data. The Data Analytics module presents visual insights through dynamic charts and graphs. Routing logic was implemented for seamless navigation, and comprehensive testing confirmed smooth data integration, UI responsiveness, and overall stability across the new features.
Report writing	-
Signature of students	Yati

Work done in this week :

- Redesigned the entire homepage to enable smooth navigation between two key sections: Database and Data Analytics.
- Developed the Database page to display comprehensive project data in an organized format.
- Created the Data Analytics page to showcase visual insights through graphs and charts based on stored data.
- Implemented routing logic for seamless user transitions between the modules.
- Added functionality to filter projects based on various columns for improved data exploration.
- Validated UI responsiveness and data integration across both modules.
- Conducted end-to-end testing to ensure feature stability and usability.

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:
09-06-2025