

# 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

| <b>To be filled by Students</b>                                |  |
|--|--|
| 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  | 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)                         | New tracking fields integrated, and schema updated as per the planned development timeline   |
| Design of critical components                                  | -  |
| Fabrication work (give %)                                      | -  |
| Experimental work (give %)                                     | -  |
| Result and Analysis  | Expanded the system's data model to include new fields such as expected deliverables/technology, outcome dovetailing, meeting dates, and statuses. These additions significantly improve the system's ability to reflect ongoing project progress and historical context. Successful testing ensured all   |

|                       |   |
|-----------------------|---|
|                       | fields work seamlessly within existing CRUD operations and UI components. |
| Report writing        | -   |
| Signature of students | Yati  |

Work done in this week :

- Added new columns to the project schema, including expected deliverables/technology, outcome dovetailing with ongoing work, RAB/GC meeting dates, held dates, and meeting minutes.
- Integrated all newly added fields into the project creation and update forms, ensuring seamless data capture.
- Updated the backend logic to support storage and retrieval of the additional fields using SQLAlchemy.
- Ensured the new fields are properly displayed across all views in the dashboard for improved project tracking.
- Enhanced the system's ability to reflect ongoing progress and meeting history for each project.
- Conducted testing to verify data integrity and UI alignment after schema and form updates.
- Coordinated with DRDO SSPL personnel to validate the relevance and use of the new fields in real-world workflows.

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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:  
02-06-2025