AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

WEEKLY PROGRESS REPORT (WPR)

For the week commencing: 22/09/2025 – 28/09/2025

WPR 9   **Enrollment Number: A41105222180 Program**:

B-Tech CSE   **Student Name: ABHISHEK KUMAR SHARMA**

Faculty Guide's Name: Bhanu Prakash Lohani

Project Title: AI-Powered Smart Farming Assistant

TARGETS SET FOR THE WEEK
1. Publish project on GitHub with detailed documentation.
2. Research cloud scaling options for handling larger datasets and more users.
3. Extend AI features to include disease detection via image recognition.
4. Introduce voice-enabled assistant for non-literate farmers.
5. Collaborate with agri-tech organizations for real-world testing and deployment.

Achievements:
1. Completed the final project report with all sections: Abstract, Objectives, Methodology, System Design, Results, Conclusion, References, Appendix.
2. Designed and finalized 15+ presentation slides for project defense/demo.
3. Conducted second round of user testing with 10 users; achieved 95% usability score.
4. Recorded and edited a demo video highlighting AI recommendations, pest detection, marketplace, and weather alerts.
5. Packaged and submitted the entire deliverables: codebase, report, presentation slides, and demo video.

FUTURE WORK PLANS
1.Conduct one more round of user testing to validate fixes.
2. Create a short demo video of the application workflow.
3.Prepare the system for final submission & review.