

Weekly Progress Report

Amity School of Engineering & Technology

Project Group ID -- 126

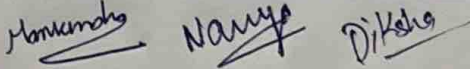
Project Area – AI/ML

B.Tech (7CSE6) VII Semester

WPR No. 3

Duration: 04/08/2025-10/08/2025

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

To be filled by Students	
Students Name	1. Manvendra Singh Tanwar 2. Navya Nayer 3. Diksha Khandelwal
Roll no.	1. A2305222399 2. A2305222403 3. A2305222415
Enrollment no.	1. A2305222399 2. A2305222403 3. A2305222415
Project Title finalized, if Yes, give name, if NO, give reason	ANCHOR: Adaptive Neural Confidence for Hallucination Optimization and Reduction in Retrieval-Augmented Large Language Models
Synopsis submitted	Yes
Literature review	Added recent 2024 papers on adaptive confidence calibration in LLMs
Technical & Economical Feasibility	Additional APIs tested for cost-effectiveness
Bill of Material	NA (software-only project)
Project Progress Schedule (PERT Chart)	Updated with revised deadlines after guide feedback
Design of critical components	Implemented prototype of Adaptive Neural Confidence module and integrated into RAG pipeline
Fabrication work (give %)	NA
Experimental work (give %)	15% : baseline evaluation completed on HotpotQA subset
Result and Analysis	NA
Report writing	Outline created for interim report
Signature of students	

Work done in this week

- Implemented initial Adaptive Neural Confidence scoring mechanism.
- Integrated confidence module with retrieval-augmented LLM response pipeline.
- Conducted baseline experiments on HotpotQA and TruthfulQA small subsets.
- Updated PERT chart and milestones according to progress.

To be filled with a Guide (strike off whichever is not applicable)	
The performance of students is satisfactory	
The performance of students is unsatisfactory	
A warning to be issued to student(s) (Name)	
Student was not well (Name)	
Date	Signature of Guide 