



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL
(An Institute of National Importance)

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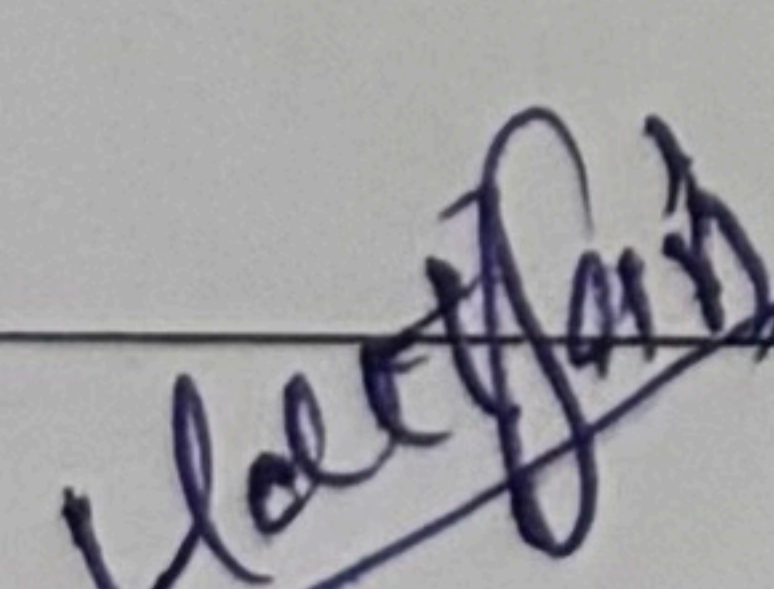
M Tech Dissertation- Monthly Progress Report

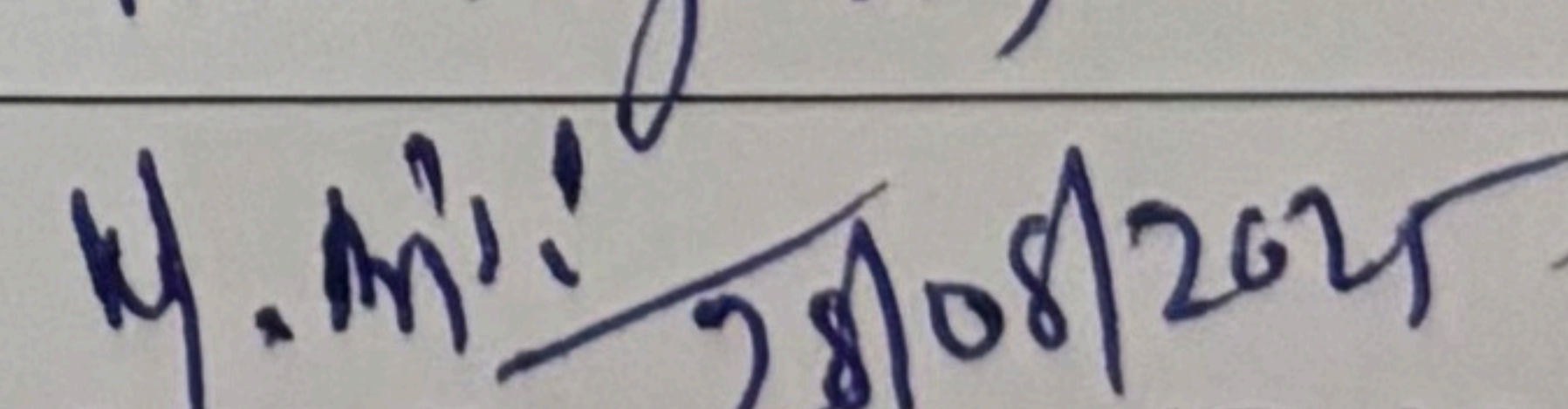
Student Details

Roll Number	24CSM1R23
Name of the Student	Uddet Jain
Program & Specialization	M.Tech. (CSE)
Academic Year	2025-26
Semester	Odd Sem
Supervisor	Prof. Manjubala Bisi
Month	August

Monthly Progress details:

Title	Reliability of Explainable AI															
Problem statement/Objectives	The challenge is to design a new parameter to check the reliability of XAI in critical domains like healthcare, where, unstable explanations can be risky.															
Progress Summary	• Reviewed the existing works on L2NN and XNAM for software defect prediction and from those insights, proposed a new <u>gradient of loss</u> parameters to assess how reliable XAI explanations are.															
Planned work for next month	• Designing a framework. • Implementing the parameter approach.															
Any Publication (Conference paper/ Journal paper/ Book Chapter etc.)	—															
TA duties attended (weekly basis)	—															
Supervisor remarks (please Tick one of the options) about the student's project progress.	<table><tr><td>Excellent</td><td></td><td>Satisfactory</td><td></td></tr><tr><td>Very Good</td><td></td><td>Marginal</td><td></td></tr><tr><td>Good</td><td></td><td>Poor</td><td><input checked="" type="checkbox"/></td></tr></table>				Excellent		Satisfactory		Very Good		Marginal		Good		Poor	<input checked="" type="checkbox"/>
	Excellent		Satisfactory													
Very Good		Marginal														
Good		Poor	<input checked="" type="checkbox"/>													
	<u>Comments (if any):</u> The student has not discussed anything related to the project in August, 2025.															


Signature of the Student


Signature of the Supervisor/Guide