



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

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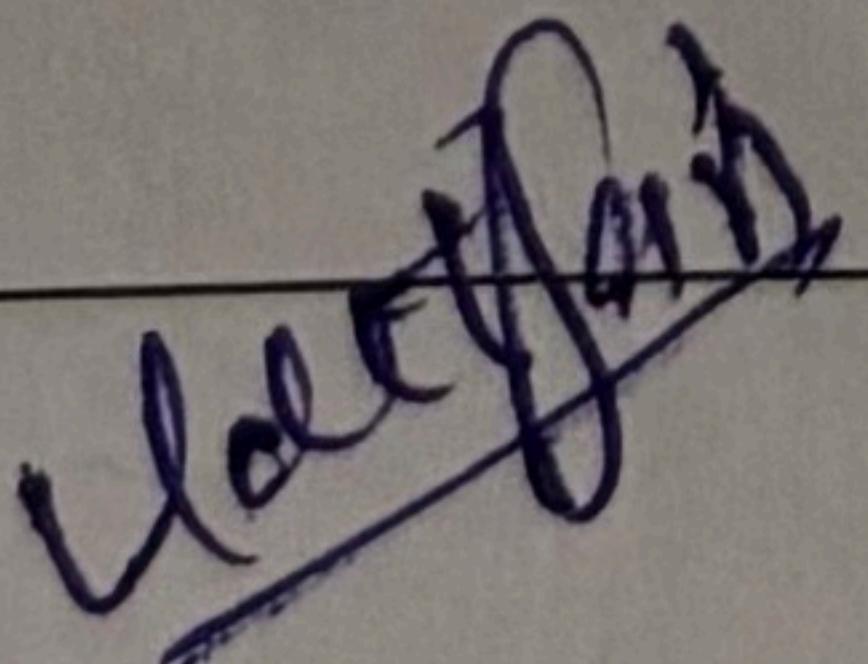
M Tech Dissertation- Monthly Progress Report

Student Details

Roll Number	24CSN1R23
Name of the Student	Udit 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 health care, where, unstable explanations can be risky.												
Progress Summary	<ul style="list-style-type: none">Reviewed the existing works on CNN and XNAM for software defect prediction and from those insights, proposed a new gradient of loss parameters to access how reliable XAI explanations are.												
Planned work for next month	<ul style="list-style-type: none">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 border="1"><tr><td>Excellent</td><td>Satisfactory</td><td></td></tr><tr><td>Very Good</td><td>Marginal</td><td></td></tr><tr><td>Good</td><td>Poor</td><td></td></tr></table>				Excellent	Satisfactory		Very Good	Marginal		Good	Poor	
Excellent	Satisfactory												
Very Good	Marginal												
Good	Poor												
	<u>Comments (if any):</u>												


Signature of the Student


Signature of the Supervisor/Guide