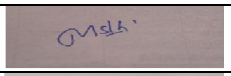
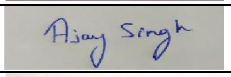
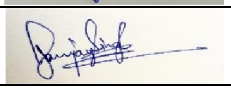
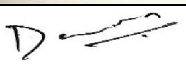
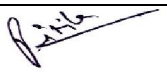
PROJECTSELECTIONFORM

PostGraduateDiploma-March2024

1. NamesoftheMember

SlNo.	Name	Roll No.	Signature
1.	Mansi	240350125038	
2.	AjaySingh	240350125006	
3.	DhananjaySingh	240350125023	
4.	DaminiChoudhary	240350125021	
5.	Ritik Verma	240350125059	

2. TitleoftheProject

DisasterTweetsAnalyzer:EnhancedbyNLP andLLMs

3. BriefDescriptionoftheProject

The Project aims to develop a system that utilizes Natural Language Processing (NLP) andLarge Language Models (LLMs) to analyze and categorize tweets related to disasters. With aspecific focus on tweets generated during natural disasters such as earthquakes, floods, andhurricanes, the system aims to extract key information including the type of disaster, itslocation, severity, and any immediate needs or responses. Through the integration of LLMs,theprojectendeavors to enhance the

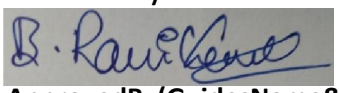
4. SoftwareRequirementsoftheProject

Python3.x
DataAnalysisLibraries(Pandas,NumPy)
VisualizationTools(Matplotlib,Seaborn)
MachineLearningFrameworks(TensorFlow,PyTorch)

5. HardwareRequirementsoftheProject

High-performanceGPU(NVIDIACUDAcompatible)
Minimum16GBRAM
Minimum500GBSSDStorage

Bai Reddy Ravi kumar



ApprovedBy(GuidesName&Signature)

DateofSubmission
4/6/2024