DEPARTMENT OF APEX INSTITUTE OF TECHNOLOGY

PROJECT PROPOSAL

1. Project Title:- **Social Media Fake news detection.**

2. Project Scope:-

This project aims to develop a comprehensive system for detecting and flagging fake or misleading content on social media platforms. It underscores the critical importance of enhancing the credibility of shared information and minimizing the dissemination of misinformation.

1.Robust detection algorithms capable of accurately identifying fake or misleading content. User-friendly interfaces and tools to empower users in discerning false information.

2.Comprehensive documentation outlining ethical guidelines for data handling.

Collaborative agreements with social media platforms for the seamless integration of detection systems.

3.Real-time detection systems integrated into social media platforms for timely identification of fake news.

4.Validation reports demonstrating the effectiveness and accuracy of detection algorithms. Educational materials and campaigns to raise public awareness about fake news and its implications.

3. Requirements: -

O   Hardware Requirements

There is no specific hardware requirements since the GPUs can be accessed virtually using Google Colab or Kaggle Accelerator

O   Software Requirements

    1. Tensorflow/Keras

    2. NLP

    3. Scikit-learn

    4. Gradio

    5. Google Colab

    6. LSTM

STUDENTS DETAILS

Name	UID	Signature
Sonika Devi	21BCS8269	
Vanshika Vashishth	21BCS8619	
Sarthak Singhal	21BCS7815	
Ritesh Agrawal	21BCS7504	

APPROVAL AND AUTHORITY TO PROCEED

We approve the project as described above, and authorize the team to proceed.

Name	Title	Signature (With Date)
Sonali Kapoor	Project supervisor	