



DEPARTMENT OF APEX INSTITUTE OF TECHNOLOGY

## **PROJECT PROPOSAL**

### **1. Project/Research Paper Title: -**

Social Media Sentiment analysis using Twitter Dataset

### **2. Project/Research Paper Scope: -**

The objective of the project is to use a data set containing a collection of tweets to detect the sentiment associated with a particular tweet and detect it as negative or positive accordingly using Machine Learning/Deep Learning. Here in we will be using NLP(Natural Language Processing) to detect texts sentiments. The outcome of this project is formulate our study and findings in the form of a research paper on the designated topic.

### **3. Requirements: -**

**The project will require the following things:**

1. Pc with good internet connection
2. Windows 10 or 11 operating system
3. Ram minimum of size 8 Gb to deploy deep learning models.
4. Deep learning algorithms like perceptron models, NLP and machine learning.

## Project Timeline:

1. 27-02-2023

- Data research
- Data Gathering
- Data filtering

2. 27-03-2023

- Project Preliminary Design
- Continuous evaluation and enhancements

3. 27-04-2023

- Final Testing and Evaluation

## STUDENTS DETAILS

Name	UID	Signature
TUSHAR SHARMA	20BCS3837	
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## APPROVAL AND AUTHORITY TO PROCEED

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

Name	Title	Signature (with Date)
NEERU BALA	Supervisor	