**CHAPTER 1**

**INSTRODUCTION**

Humans have always had the innate ability to recognize and distinguish between faces. Now computers are able to do the same. This opens up tons of applications. Emotion Detection will play a promising role in the field of machine learning, especially in the case of Human-Computer Interaction development.

For Emotion Detection from a machine learning model different parameter should be taken into consideration. Various types of techniques are used to detect emotions from a human being like facial expressions, body movements, blood pressure, heart beat and textual information. This project focuses on the emotion detection from textual information. Emotion Detection in text documents is essentially a content - based classification problem involving concepts from the domains of Natural Language Processing as well as Machine Learning. In this paper emotion recognition based on textual data and the techniques used in emotion detection are discussed.

In this project proposes a better way for detecting the human emotions using textual data. such as joy, fear, anger, sadness, disgust, shame, and guilt.

CHAPTER 2: LETERATURE REVIEW

LITERATURE

PROBLEM STATEMENT

CHAPTER 3: PROPOSED SYSTEM

INSTRODUCTION