SAPTHAGIRI COLLEGE OF ENGINEERING

14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-560057
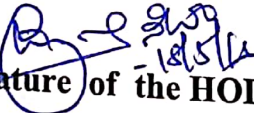
Department of Computer Science and Engineering

Certificate

Certified that the project work entitled "Emotion Finder: Detecting emotions from text files or tweets" carried out by **POONAM SAINI (1SG12CS075), RADHIKA R KULKARNI (1SG12CS080), YASHAS M(1SG12CS123)** bonafide students of this institute, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum during the academic year **2015-16.** It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said degree.

Signature of the Guide

Mrs.Ragini Krishna

Assistant Professor

Signature of the HOD

Dr. Prashanth C.M

Professor & Head

Signature of the Principal

Dr.Aswatha Kumar M

Principal
Dr. Aswatha Kumar. M
Principal
Sapthagiri College of Engineering
No. 14/5, Chikkasandra,
Hesaraghtta Main Road,
Bangalore-560 057

Signature with date

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Name of the Examiners

1........................

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ABSTRACT

Emotion Detection is one of the most emerging issues in human machine interaction. In case of recognizing emotion from a piece of text document, any human can do this better than a machine, the only problem is he/she takes time. Social media or blogs are increasingly used by individuals to express their feelings and opinions in the form of short text messages. Detecting emotions in these kinds of text messages has a wide range of applications.

This project proposed a new approach to detect emotion from text in text files as well as text file directories. This project also detects multiple classes of emotion on potentially huge tweets datasets of a particular user and further classifies the user's tweets into the appropriate emotion classes. The proposed new architecture (a keyword based approach) has a emotion detector system which takes a text document and the emotion word ontology as inputs and produces one of the six emotion classes (i.e. love, sadness, joy, fear and surprise, anger) as the output.