


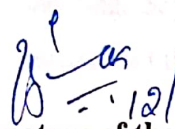
Department of Computer Science and Engineering

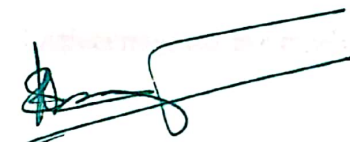


Certificate

Certified that the Project Work entitled **"IDEAL REVIEWS USING TEXT AND EMOTICONS"** carried out by **AISHWARYA SWAMY (ISG14CS006)**, **APOORVA KULKARNI (ISG14CS014)**, **MANOGNA L (ISG14CS056)**, **MOHIT RATHORE (ISG14CS060)**, bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi** during the academic year 2017-2018. 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 (10CS85)** prescribed for the said degree.


Signature of the Guide
Prof. Veena K R
Asst. Professor


Signature of the HOD
Dr. Yogish H K
Professor & Head


Signature of the Principal
Dr. K L Shivabasappa
Principal

Professor & Head of the Department
Computer Science Engineering
Sapthagiri College of Engineering
Bangalore-57

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bangalore-560 057


EXTERNAL EXAMINATION:

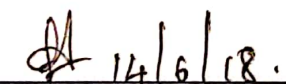
Name of the Examiners

1. MANJESH B.M

2. Latha

Signature with Date





ABSTRACT

Social networking is nowadays widely used by all kinds of people to post their opinions, views and comments on any topic. With online shopping making its way into daily life, it has become increasingly common for people to post their reviews on the products they purchase, or services they obtain. These reviews are provided by the customers using an informal language. This makes it difficult to analyze the exact sentiments attached with that natural language. In addition, use of emoticons on social media has increased rapidly in the recent years. Sentiment analysis is a study of people's attitude, opinions and emotions, by which they can be classified as positive, negative or neutral. This classification is done using polarity, intensifiers, count of emotions and emotions data. Focus is given to how emoticons play an important role in sentiment analysis. Various factors which affect sentiment analysis are discussed briefly. Issues like sarcasm detection, multilingualism, handling acronyms and slang language, lexical variation and dynamic dictionary handling are also discussed.