



# International Journal on Recent Researches In Science, Engineering & Technology

(Division of Computer Science and Engineering)

A Journal Established in early 2000 as National journal and upgraded to International journal in 2013  
and is in existence for the last 10 years. It is run by Retired Professors from NIT, Trichy.

It is an absolutely free (No processing charges, No publishing charges etc) Journal Indexed in  
JIR, DIIF and SJIF.

Research Paper

Available online at: [www.jrrset.com](http://www.jrrset.com)

ISSN (Print) : 2347-6729

ISSN (Online) : 2348-3105

Volume 4, Issue 1,  
January 2016.

JIR IF : 2.54

DIIF IF : 1.46

SJIF IF : 1.329

---

## Ground Breaking Approach to Emotion Detection

S. Srither

**Abstract** - Literature reported, a novel approach in Affect-Detection in three different magnitudes of speech. This paper contemplates on deducing the following emotions- anger, disgust, fear, interest happy and sad. They are measured when appearing in word formats, conversations and textual reading and in the case of isolated words the speakers emotions conveyed in each word is considered as the output. In the case of conversation psychiatric analysis conversations between the patients and doctors are regarded as inputs, Finally, the test data set comprises of textual reading of paragraphs, ranging from numbers to large vocabulary sentences. The results have confirmed the supremacy of the suggested approach in the detection of emotions and its error rate.