iJRASET
International Journal For Research in Applied Science and Engineering Technology



INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Volume: 6 **Issue:** I **Month of publication:** January 2018

DOI: http://doi.org/10.22214/ijraset.2018.1314

www.ijraset.com

Call: 08813907089 | E-mail ID: ijraset@gmail.com

International Journal for Research in Applied Science & Engineering Technology (IJRASET)
ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor :6.887
Volume 6 Issue I, January 2018- Available at www.ijraset.com

Effective Translator (Converter) using Machine Learning

Mrs. Nilam Jadhav[1], Aditi Bhosale[2], Pooja Sherkhane[3], Ashlesha Awatade[4], Komal Rasal [5]
[1]*Lecturer. Computer Department, Pimpri Chinchwad Polytechnic.*
[2, 3, 4, 5] *Diploma Scholar Student, Computer Department Pimpri Chinchwad Polytechnic ,Akurdi*

Abstract: Translator (Converter) provides an easy Web based interface for translating e-Learning courses from one given language to another given language without incurring any content re-integration costs Translator (Converter), a collaboration tool for translating course ware, editing content and replacing media supports given languages
Translator (Converter) is Web-based and can be accessed by geographical dispersed Translator (Converter), editors or visual designers to collaborate on updating a course for another given language. Translator (Converter) defines a translatable object as any text content or media file that requires a change in order to meet requirements of an intended audience. its access control mechanisms ensure that translatable objects checked out by one collaborator for making changes are looked for editing.

I. INTRODUCTION

Machine converts (MT) is automated converts or "converts carried out by a computer",
As defined in the Oxfered English Dictionary. It is a process, sometimes referred to as Natural Given language processing which uses a bilingual data set and other given language assets to build given language and phrase models used to translates text . As computational activities become more mainstream and the internet opens up the wider multilingual and global community , research and development in machine converts are available in market today , the most widely use being statistical Machine Converts (SMT), Rule-Based Machine Learning (RBMT), and hybrid Systems , which combine RBMT and SMT .

II. MODULE IDENTIFICATION

A. Module identification

1) Text to voice converter Module
2) File converter Module
3) Given language Translator (Converter) Module

III. MODULE DESCRIPTION

A. Text to Voice converter

In this module user will write the text in any given languageand then user will click on voice button. After clicking the voice button text will be connected to selected given language.

B. File converter Module

In this module user will upload the file and that file will get converted into another given language file. User will select the given language from the list of 30 Given language.

C. Given language Translator (Converter) Module

If we Input a specific given language such as Marathi, Hindi, Japenese, Portuguese etc then it will convert that given language into another given language.

IV. LITERATURE SURVEY

Several systems has been developed which translates one given language to another and that convert text to voice. some of them which deed as inspiration for my system are as following :The system that can convert the English statement into corresponding Panjabi sentence ,as well as read the text audibly. The system is capable to be used as a web application or desktop application, hence making it more flexible. The phonemes of the Hindi using English given language can be used as the simple element for voice synthesis. Voice database for Hindi verbal will be developed by using phoneme. The text to voice system for Hindi using English.

©IJRASET (UGC Approved Journal): All Rights are Reserved

Malyalam is a phonetic given language having a written form that has direct communication to the spoken form. Input text from an image to a voice synthesis system consists of a character recognizer and TTs system .yoruba is one of the three major given languages in Nigeria. Tone given languages , such as Yoruba and some others are different from given languages that have no tone , example is originate in given language like English and French .Clearly a Yoruba Text-to-Voice system is a feasible and a realizable task. Gujarati TTS system using phoneme concatenate methodology is developed by scholars. It focuses primarily on the process of creating a voice for a contaminative text-to Voice system, having specific standard output voice to sound like the target voice Tamil is one among the Dravidian given languages in India. Problems in developing tamil TTS include understanding tamil phonetics database conception of tamil given languages , syllable and create a tamil TTS .Sanskrit with support of Hindi , will communicate the text to Voice for delivering the voice output from the Sanskrit and/or Hindi of the books

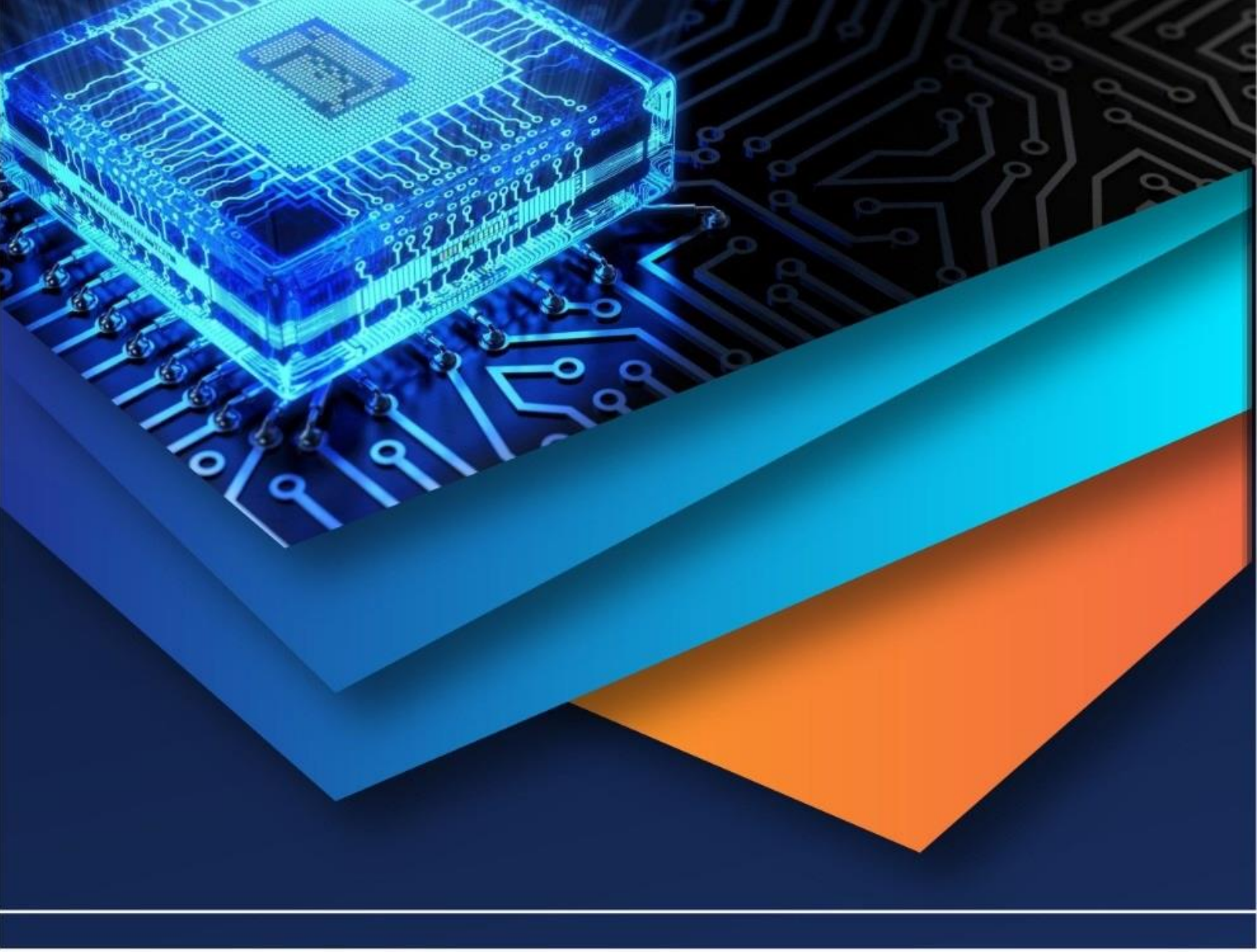
V. CONCLUSION

In this project we studied to describe the architecture of a template based converts system for translating English to any given language or vice varsa.We have observed that English noun compounds can variously be translates into Hindi, also system gives the result in the form of voice.

REFERENCES

[1] Dr. John D.Kelleher ADAPT centre for Digital Content Technology Dublin Institute of Technology,"Ireland Fundamental of Machine Learning for Neural Machine Convertsal".
[2] Yizhao Ni,Craig Saunders,"Exploitation of Machine Learning Techniques in Modelling Phrase Movements for Machine Converts Journals of Machine Learning Research 12(2011)1-30 "
[3] Di He,Yingce Xia,Tao Qin,Liwei Wang Nenghai Yu,Tie-Yan Liu,Wei-Ying Ma"Dual Learning for Machine Converts"
[4] Ferhan Ture,Elizabath Boschee,"Learnig to Translates: A Query-Specific Combination Approch for Cross-Lingual Information Retrieval".

©IJRASET (UGC Approved Journal): All Rights are Reserved



10.22214/IJRASET

45.98

IMPACT FACTOR: 7.129

IMPACT FACTOR: 7.429

INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Call : 08813907089 (24*7 Support on Whatsapp)