

‘ANUVADAK’ ENGLISH TO HINDI TEXT TRANSLATOR

SUDHIR D BAGUL¹ & UDAY B JOSHI²

¹ME Student, Department of Computer Engineering, K J Somaiya College of Engineering,
Vidyavihar (East), Mumbai, India

²Associate Professor, Department of Computer Engineering, K J Somaiya College of Engineering,
Vidyavihar (East), Mumbai, India

ABSTRACT

Machine based translation, sometimes referred to by the abbreviation MT, is a sub-field of computational linguistics that investigates the use of software to translate text from one natural language to another. As more number of people are using computers for their day to day work the need of good translator is been arrived, to fulfill that need many translators are proposed and implemented. Translating from one language to another needs a detailed knowledge of languages to get meaningful translation. Available approaches for machine based translations are appropriate but may fail when language's nature and grammar rule differs, in such cases, possibilities are more to get meaningless translation. In this paper we propose a new approach called as hybrid approach by combining Rule based and Example based translation methods. This will help to overcome some of the issues and errors in existing translators. In this method we identify the type of sentence and then translate it from English to Hindi.

General Terms: Translator, Source Language, Target Language, Translation, Machine Based Translation

KEYWORDS: Natural Language Processing (NLP), Part of Speech (POS), Parser, Rule Based Approach, Example Based Approach, Source Language, Target Language