Abstract

Machine Translation is an area of research since six decades. It is gaining popularity since last decade due to better computational facilities available at personal computer systems. This paper presents different Machine Translation systems where Sanskrit is involved as source, target or key support language. Researchers employ various techniques like Rule based, Corpus based, Direct for machine translation. The main aim of this paper is to uncover the language suitability, its morphology and employ appropriate MT techniques.

References

3. Rathod S.G., Sondur S., “English to Sanskrit Translator and Synthesizer (ETSTS)”,
International Journal of Emerging Technology and Advanced Engineering, Volume-2, Issue-12,
December 2012.
Based Translation”, International Journal of Computer Applications (0975-8887) Vol 92 – No. 10
, Apr 2014.
2013.
Sanskrit Machine Translation”, International Journal of Advanced Computer Science and
Applications (IJACSA) from International Conference and workshop on Emerging Trends in
Translation with Ubiquitous Application”, International Journal of Computer Applications,
11. Mane D. T., Devale P. R., Suryawanshi S.D., “ A Design towards English to Sanskrit
Machine Translation and Synthesizer system using Rule Base Approach”, International Journal
of Multidisciplinary Research and Advances in Engg. (IJMRAE), ISSN 0975-7074, Vol 2, No.11.
pp 405-414 July 2010.
12. “Sanskrit-Hindi JNU Sanskrit Hindi MT”, Available on
13. Desika (Natural Language Understanding System),
14. “Sanskrit Wordnet” Available on
15. Subhash, Jha G.N. “Morphological analysis of nominal inflections in Sanskrit”, Special
Centre for Sanskrit Studies, Jawaharlal Nehru University, NewDelhi.
Nov 2015.
17. Antony P.J., “Machine Translation Approaches and Survey for Indian Languages”,
Processing”, Global Journal of Management and Business Studies (2248-9878), Vol – 3,
Number 10 (2013), pp. 1135-1142., Research India Publications.
November 2015
20. “Sanskrit-Hindi dictionary at JNU”, Available on


**Index Terms**

Computer Science  
Pattern Recognition

**Keywords**

Sanskrit, Bilingual Dictionary, Interlingua, Machine Translation (MT), Natural Language Processing (NLP).