Abstract

In this paper, it is described how an Assamese sentence is translated to English using statistical machine translation. Statistical Machine Translation is the paradigm where translations from source to target language are based on statistical models. Moses is used as a platform for Statistical Machine Translation. GIZA++ is also used for word-alignment and IRSTLM for language model training. A Transliteration model is also integrated into the system to deal with out of vocabulary (OOV) words.

References

2006, pp. 146-149.
- Philipp Koehn et al., "Statistical Phrase-Based Translation"; In the Proceedings of HLT-NAALC, May-June 2003, pp. 48-54.
- "PSMT"; Available: http://psmt.sourceforge.net/

Index Terms

Computer Science  Artificial Intelligence

Keywords

Assamese  English  Statistical Machine Translation  Transliteration  Corpus.
Assamese to English Statistical Machine Translation Integrated with a Transliteration Module