

**St. Vincent Pallotti College of Engineering and Technology,
Nagpur
Department of Information Technology
Academic Year: 2020-21**

PROJECT DISCOVERY NOTES

Project Type (Industry/ In-house): Industry

Date: 23/10/2020

Industry/ Institute of Repute Details:

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Stakeholder Details:

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Discovery Notes:

Natural Language Processing, usually shortened as NLP, is a branch of artificial intelligence that deals with the interaction between computers and humans using the natural language. The ultimate objective of NLP is to read, decipher, understand, and make sense of the human languages in a manner that is valuable. Word Phrase alignment is the natural language processing task of identifying translation relationships among the words (or more rarely multiword units) in a bi-text. Word-Phrase alignment is mapping of words between two sentences that have the same meaning in two different languages. Word alignment is a fundamental problem in statistical machine translation.

Proposed System:

- The main purpose the proposed system is to develop software tools and a scheme for building word/phrase aligned corpus of English and Hindi using existing open resources in an optimal manner.
- The core task of the purposed system is to identify relations between words (sometimes phrases) of two sentences expressed in different languages.

Industry Mentor

Alumni Mentor

Project Guide

Project Members