**Algorithms used in NLP**

1. For Chunking, Named Entity Extraction, POS Tagging:- CRF++, HMM
2. Word Alignment in Machine translation :- Maxent
3. Spell Checker:-  Edit Distance, Soundex
4. Parsing:- CKY algorithm and other chart parsing algorithms
5. Document Classification:- SVM, Navie bayes
6. Anaphora Resolution:- Hobbs Algo, Lippin and Leass algo, Centering Theory
7. Topic Modeling and keyword extraction:- LDA, LSI