

## NLP Unit Evaluation

16-Nov-2015

3:30 pm to 6:30 pm

### Objective:

In this lab we would perform anaphoric resolution using Hobb's algorithm for the given text

### Steps:

1. Go through the slides given for Hobbs algorithm.
2. Download and install Stanford Parser (Please go through:  
<http://nlp.stanford.edu/software/lex-parser.shtml>)
3. Implement the Hobbs algorithm, use the Stanford Parser to generate the parse tree. You can test the parser installation using the client code test\_parser.py provided for this exercise.
4. Locate the pronouns and the noun phrase that corresponds to the pronoun by manual inspection and use this information for evaluating your implementation
5. Evaluate the performance and report

Note: You need to do only anaphoric resolution. It is not required to perform cataphora resolution or generic co-reference resolution.

### Deliverables:

1. Demo of your work by 6:20 pm, 16-Nov-2015.
2. . Source code of Hobbs algorithm.
3. . Post your analysis/comment on the Facebook.