

**A Project Report on
“Natural Language Query Processing”**

Submitted in partial fulfilment of the requirements for the award of

**Bachelor of Engineering
In
Computer Science and Engineering**

Submitted By

**Mr: Mahantesh Magadam
USN: 2JI11CS407**

Under the Guidance of
Prof. Veershetty Dagade.

Department of Computer Science and Engineering



Sri Bhagwan Mahaveer Jain Educational and Cultural Trust's
Jain College of Engineering, Belgaum
Academic Year 2013-2014

ABSTRACT

Natural language processing (NLP) is a subfield of artificial intelligence and linguistics. It studies the problems of automated generation and understanding of natural human languages. Natural language generation systems convert information from computer databases into normal-sounding human language, and natural language understanding systems convert samples of human language into more formal representations that are easier for computer programs to manipulate.

Natural Language Processing is the artificial intelligent concept where the machines understand Natural Languages like English, Korean, French, Telugu, Hindi.. etc., We are going to develop a tool that will take the Database queries in the form natural language and then processes it and gives the result. This includes many sub components like Language Analyzer, Query Builder and Viewer. The system will first parses the query in natural language and finds the major parts in the string. Then first it will look for the table name and then it parses the string for the where clause and then for the order by clause. After parsing it will construct the query string based on the data available. The generated SQL query is posted to the database to fetch the results.