



## G. Narayanamma Institute of Technology & Science (For Women) (Autonomous)

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Shaikpet, Hyderabad-500104

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

<GN-R-18> (2022 - 2023) II B.Tech II Sem Hobby Project

on "Drug Prescriber using consumer reviews"

#### Abstract

The problem statement of this project is to provide a sophisticated and useful model to find out the most useful drugs for a health condition. This is achieved using the reviews given by consumers about the drug's usefulness and effectiveness.

This model will be built based on various NLP (Natural Language Processing) and ML (Machine Learning) techniques using Python. It will use a dataset that will be rated with the help of consumer review analysis, i.e., percentage of people have a positive view about the drug and can be prescribed to people.

Software designed to be a direct aid to clinical-decision making, in which the characteristics of an individual patient are matched to a computerized clinical knowledge base, presented to the clinician for a decision. Primarily used at the point-of-care, for the clinician to combine their knowledge with information or suggestions provided by the software.

#### H/W & S/W Requirements

H/W-Intel Core i5 processor or equivalent. Windows 10 or 11.

S/W-Python3 including different libraries for implementing NLP & ML techniques

\*Dept R&D: Yes/No

\* If No : GNITS



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