

G. Narayanamma Institute of Technology & Science

(For women)

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(An ISO 9001:2015 Certified Institution)

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Forecasting Admissions into Masters

BY

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ABSTRACT

Students are often worried about their chances of admission in graduate school. The aim of this project is to help students in shortlisting universities with their profiles. The predicted output gives them a fair idea about their admission chances in a particular university. This analysis should also help students who are currently preparing or will be preparing for Masters, to get a better idea.

Initially we train the dataset and test it using various Machine Learning algorithms to get more accuracy and choose the algorithm which works best on the dataset. Then, the model would be deployed in a website using flask and other backend technologies, where the user after logging in, can enter his details like GRE score, TOEFL score, Undergraduate GPA and other factors which are considered in dataset. Upon submitting the details, the user would be landed on a page where his chances of getting admission into Masters is predicted in terms of percentage, and if the percentage is less than a threshold value, he can get some tips to improve the chances of getting admissions.

SYSTEM REQUIREMENTS:

Software Requirements:

Platform	- Windows
Front End	- HTML, CSS, Bootstrap, JavaScript
Development Tool	- VS Code
Back End	- Python, Machine Learning, Flask, Platform like Heroku

Hardware Requirements:

Name of the Processor	- Intel I3 or more
Hard Disk Capacity	- 20 GB
RAM Capacity	- 4 GB RAM