

G.Narayanamma Institute of Technology & Science

(For women)

(Approved by AICTE, Affiliated To JNTUH, Accredited by NBA & NAAC)

(An ISO 9001:2015 Certified Institution)

Shaikpet, Hyderabad – 500 104

Department of Computer Science & Engineering



MOVIE RECOMMENDATION SYSTEM USING MACHINE LEARNING

BY

HASAN NAZNEEN – 19251A05E7

JANAGAMA MEGHANA-19251A05E8

KAKKIRENI MEGHANA-19251A05F1

LAKKA RAMYA SRI-19251A05F4

ABSTRACT

Nowadays, the recommendation system has made finding the things easy that we need. Movie recommendation systems aim at helping movie enthusiasts by suggesting what movie to watch without having to go through the long process of choosing from a large set of movies which go up to thousands and millions that is time consuming and confusing.

For any given product, there are sometimes thousands of options to choose from. Think of the examples above: streaming videos, social networking, online shopping; the list goes on.

Recommender systems help to personalize a platform and help the user find something they like. The easiest and simplest way to do this is to recommend the most popular items.

However, to really enhance the user experience through personalized recommendations, we need dedicated recommender systems. From a business standpoint, the more relevant products a user finds on the platform, the higher their engagement. This often results in increased revenue for the platform itself. Various sources say that as much as 35–40% of tech giants' revenue comes from recommendations alone.

SYSTEM REQUIREMENTS:

Software Requirements:

Platform	- Windows
Development Tool	- Anaconda (Jupyter)
Language	-Python

Hardware Requirements:

Name of the Processor	- Intel i5 10 th gen (intel i7 recommended)
Hard Disk Capacity	- 500GB
RAM Capacity	- 8GB