**SYNOPSIS**

**ON**

**VIDEO RECOMMENDER SYSTEM USING CONTENT-BASED AND COLLABORATIVE FILTERING**

**SUBMITTED BY**

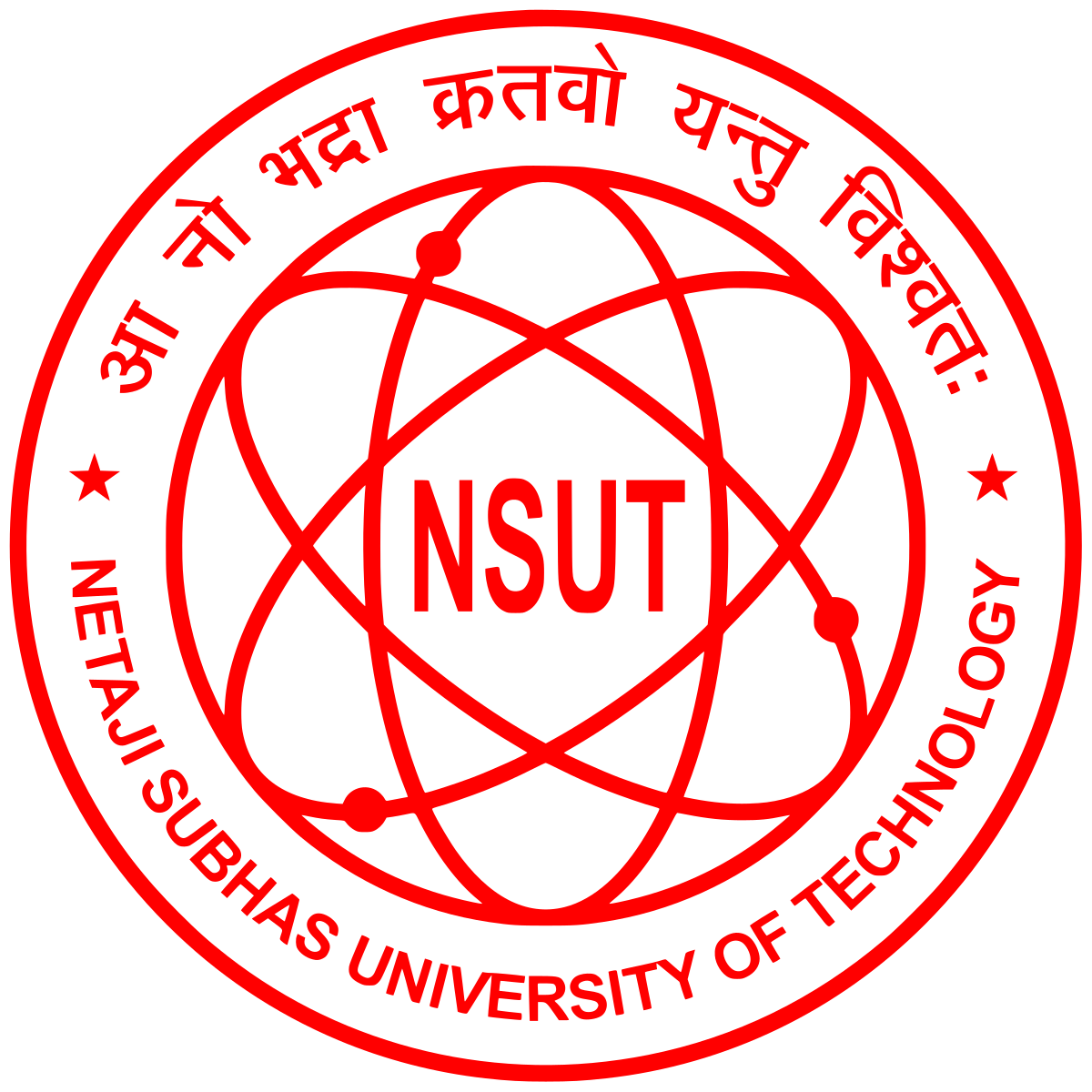
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**UNDER THE GUIDANCE OF**

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**OBJECTIVE**

To create a recommendation system that is hybrid of content-based and collaborative filtering based.

**OVERVIEW OF THE WORK**

**HARDAWARES/SOFTWARES USED**

* Jupyter Notebook (for development)
* Python packages (nltk, pandas, numpy, scikit-learn)
* Movielens dataset (<https://grouplens.org/datasets/movielens/20m/>)
* Visual Studio Code
* Github

**REFERENCES**

For content based

* <https://towardsdatascience.com/how-to-build-from-scratch-a-content-based-movie-recommender-with-natural-language-processing-25ad400eb243>
* <https://www.analyticsvidhya.com/blog/2015/08/beginners-guide-learn-content-based-recommender-systems/>

For collaborative filtering

* <https://medium.com/kunalrdeshmukh/collaborative-filtering-in-recommendation-systems-2fa49be8f518>

Hybrid Filters

* <https://iopscience.iop.org/article/10.1088/1742-6596/1000/1/012101/pdf>