School of Information Technology & Engineering
Department of Computer Applications
Fall Semester 2019 - 20
Master Thesis Project Zeroth Review

Project Title	**An Improved Collaborative Filtering for rating prediction in movie Recommender System**
Register Number	**18MCA0156**
Name of the Student	**Abhishek Kumar**
Abstract	**In the age of digitization, where we have immense collection of media which has given an overwhelming number of choices, which is need to be filtered, prioritized and efficiently deliver relevant information in order to alleviate the problem of information overload. This problem can be solved by using recommender system which searches and filters through a large volume of dynamically generated information to deliver a more personalized content and services. Today there are many approaches to build an effective recommendation system one of which is Collaborative Filtering (CF). This conventional method uses ratings given to items by the user to predict the ratings. Since the traditional method initially relies on user data which can be sparse, which can eventually lead to common recommendation problem called Cold Start. Due to all these problems a new approach is taken using the neural network in which LSTM has shown a very competitive performance and it also outperforms in the term of accuracy and efficiency as compared to other methods.**
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