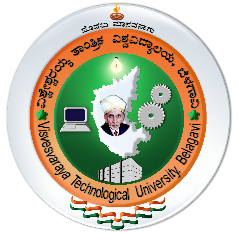
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**A Seminar Report**

**on**

***“Content-Based Recommender System”***

*Submitted in partial fulfillment of the requirements for the VIII Semester degree of* ***Bachelor of Engineering in Computer Science and Engineering***

*of Visvesvaraya Technological University, Belagavi*

Submitted by

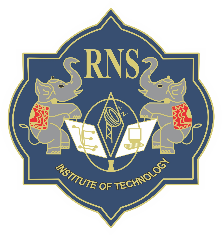
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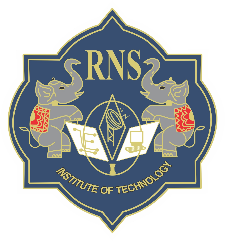
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**CERTIFICATE**

Certified that the Seminar topic on ***“Content-Based Recommender System*”** has been successfully presented at **RNS** **Institute of Technology** by **Varsha Ravindra,** bearing USN 1RN15CS119 **,** in partial fulfillment of the requirements for the *VIII Semester degree of* ***Bachelor of Engineering in Computer Science and Engineering*** *of Visvesvaraya Technological University, Belgaum* during academic year 2018-2019. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The Seminar report has been approved as it satisfies the academic requirements in respect of Seminar work for the said degree.

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**ABSTRACT**

Multiple options are available on the internet There is requirement to sift, rank and professionally provide relevant material. Many Internet users have the problem of information overload. To reduce this problem, there is requirement of one solution. Recommendation systems resolve this problem by examining through huge capacity of dynamically produced data to deliver scholars with personalized content and services. Most of research has been done on the collaborative and hybrid recommendation system, content based system has not been that extensively researched. The proposed work presents a literature review of some works on content based recommendation system. Implementation of a content based recommendation contains comparing the features of a user profile, with the characteristics of a content item, to predict to the user novel relevant items. The proposed work delivers information about developments in content-based recommendation systems and offers experts with understanding and future scope on content-based recommendation systems.

Recommender systems have the effect of guiding users in a personalized way to interesting objects in a large space of possible options. Content-based recommendation systems try to recommend items similar to those a given user has liked in the past. Indeed, the basic process performed by a content-based recommender consists in matching up the attributes of a user profile in which preferences and interests are stored, with the attributes of a content object (item), in order to recommend to the user new interesting items.

The comparison of the two models is found based on which the programmer can decide the best algorithm for recommendation. One can develop the restaurant recommender model based on this comparison. A huge data set is required for accurate recommendation. Recommender systems are used in numerous application domains, such as retail, music, content, Web search, querying, and computational advertisements. Some of these domains require specialized methods for adapting recommender systems. The three specific domains corresponding to news recommendations, computational advertising, and reciprocal recommender systems.

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**Varsha Ravindra**

**1RN15CS119**

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