Abstract

E-learning is emerging as the new paradigm of modern education. Most of the e-learning systems have limitations such as scarcity of content, lack of intelligent search and context sensitive personalization problems, which are the challenging tasks for researchers. This motivated the author to take up this problem and the method implemented through this work suggests the instructors to use the combination of E-learning System Using Rank-Based Clustering Algorithm (ESURBCA) was designed. The main aim of the model developed is to get consistency in content delivery, quality content in learning materials, students self-learning concept, and performance improvement in their examination. A study has been conducted During June 2013 to September 2013, the author collected samples of 1631 from final year and Second year of BCA, B. SC and B. Sc-IT students were trained through e-learning system architecture and the objectives of this study is 1. To measure the effectiveness of E-learning System Using Rank-Based Clustering Algorithm (ESURBCA) among the students of Mercury College of arts and science And Sankara arts and Science College in concepts of Programming in JAVA Course. The newly designed E-learning System using Rank-Based Clustering Algorithm (EUSRBCA)shows an improvement over the existing systems with better results. From the various evaluations carried out, the performance of the system found to be good comparatively to other systems in e-learning domain.
The Impact of E-learning system using Rank-based Clustering Algorithm (ESURBCA)

References


**Index Terms**

Computer Science

Information Sciences

**Keywords**