Abstract

The focus of Higher Education (HE) in the present scenario is global based and it has been growing appreciably facing challenges in the process of evolving as a commercial one. This global approach has created an awareness amongst HE institutions to revamp their methodologies in teaching and related issues. In the recent days, Information and Communication Technology (ICT) education is followed in the HE institutions and the conventional classroom is converted into Web Based Education (WBE). Though it is acclaimed as a good method, there are some setbacks in the process of Knowledge Sharing (KS) among the learners. This paper explores the possible ways to establish WBE using Social Computing Tools to facilitate Knowledge Sharing and create a social network among all the members of WBE. Social Network Analysis (SNA) techniques have been used to study KS patterns which take place between students and Web Based course. This SNA graph reveals the structure of
social network highlighting connectivity, clustering and strength of relationships between students.

**Reference**


**Index Terms**

Computer Science  
Knowledge Management

**Key words**

Web Based Education  
Knowledge Management

Knowledge sharing  
Social Network