

Abstract:

The World Wide Web is a powerful medium for distance education. It has also been found as a valuable resource to supplement traditional approaches of education. The educational institutions are facing difficulty in coping up with the increase in demand using the traditional methods of teaching. They are thus turning towards the alternate means to increase learning opportunities. An overview of the software and hardware requirements of the Internet-based education to provide an interactive learning environment has been presented in this paper. Laboratories are an important part of any Engineering curriculum and some examples have been provided where laboratory activities can be conducted through the web. The obstacles in introducing engineering education via digital media are also discussed.