Abstract

As per the Pakistan Economic Survey 2010-2011, the literacy rate of Pakistan in 2009-2010 is 57.7%. [1] This paper reveals the importance of equal access to learning in Pakistan where there is an educational gap between rich and poor, urban and rural and especially disabled ones. It offers great potential for improving distance learning in rural areas that often have less contact with educational trends and where it is the only solution to acquire education. Initiatives are suggested to institutes providing distance education in order to educate people at a wider level. Broadcast media used for course delivery by various institutes in Pakistan to their distance learners of secondary and higher secondary level is inadequate. In order to facilitate rural society to acquire basic education, synchronous learning technology is used which integrates educational television on demand on the government level. &quot;Television on demand or IPTV is used for transmitting live transmission and video on demand contents using set top box (STB) over television or other displays via broadband connection. [2] The outcome of this research is to provide improvement tools and mechanisms to improve the basic literacy level of Pakistan and enhancing the skills of students already involved in secondary and higher secondary levels.
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Index Terms

Computer Science

Keywords

Internet Protocol Television  Voice Over Internet Protocol  Quality Of Service  Quality Of Experience
Network Control Protocol
Transfer Control Protocol/internet Protocol
Multichannel Video Programming Distribution
Video On Demand
Personal Video Recorder
Electronic Program Guide
Time Shift Television.