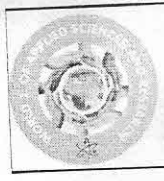# Use of Information & communication technology in Higher Education & Research: Need of the day

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Article Information	Abstract
	Technology touched and changed every aspect of our life very fast, Do you realize how dramatically world has changed? Can you remember, when was the last time that you use VCR or VCD, sent a film roll to be developed, use public telephone etc. and now you think about your class room and teaching methods, are they still old as before 40-50 years?. We have the students which starts using Facebook, twitter etc. at the age of 6-7 years in their routine lifestyle, but when they enter in classroom they found themselves in age-old situation. So it is the time to think about teaching methods, it is the time to know about ICT tools and techniques useful in teaching and research. We are now living in the era of technology and evolution of internet has affected all part of life dramatically. Also the area of education has not remained untouched. Previously, student used to spend their time in library searching for information in books and journals. Now a days required information is just a click away from them, they use web search engines such as yahoo, google, MSN, Yandex, etc and figure out the web sites containing the desired information. The information sharing has become very easy due to access on World Wide Web (www) as the world persons and their knowledge attach to each other by a web and can be transferred to each other. Technology-integrated education is still a dream at all levels of education in India. Though computers are available in most of the educational institutes, however these are mostly used to learn about computers. Rarely they are used as tools for the teaching and learning of other curriculum areas. With the evolution of computer, software's and internet the traditional education tools are going to change without affecting the basic goals of education. The opportunity to use computers for teaching and learning should not be a privilege. It should be a right, just as it is only right that children should have access to books, pens and paper. This paper discuss how the commonly available technology resources (Computers, TV, Internet etc) of educational institutes can be used as a tool of eEducation to provide world class education and research. It also will explain how internet, computer, software and other IT based educational infrastructure are helpful to improve the quality of higher educational system including research.

Introduction

In the 21st century eEducation is on the priority list of all governments, college, institutions and University. In our present traditional system of education, the teacher takes the feedback by evaluating the students through examination or by the questions asked by the students, it consists of teacher, black board, chalk, books, students, classroom and laboratory and interaction between them. The teacher uses