

“ICT ADOPTION IN HIGHER EDUCATION IN INDIA: BENEFITS AND CHALLENGES”

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Introduction: Information and Communication Technologies (ICTs) is a diverse set of technological tools and resources used to communicate and to create, disseminate, store and manage information. This broad definition of ICT includes technologies as radio, television, video, DVD, telephone, satellite systems, computer and network hardware and software; as well as the equipment and services associated with these technologies, such as videoconferencing and electronic mail. ICT is a powerful tool for extending educational opportunities and can provide remote learning resources. ICT provides easy access and information based resources to the students. It is necessary to acquire the ability to use technology as a tool to research, organize, evaluate and communicate information and the possession of the fundamental understanding of the ethical or legal issues and use of information. Today knowledge of networking, communication and retrieval technologies has become core to the profession. Success of ICT-based education depends upon the teacher's ability to keep pace with the developments since teachers are responsible for quality control, improvement of learning and the aggregate effectiveness of the learning process. The main role of teachers will not be to transmit information and culture, but rather to act as experts and leaders to motivate learning.

The objectives of the study:

- i) To study present status of higher education system in India
- ii) To investigate the current status of ICT-based higher education in Indian Universities and Institutes.
- iii) To study the case studies related to ICT usage in Indian higher education system.
- iv) To Study the benefits of ICT in higher education system.
- v) To study the challenges faced by higher education sector in India awhile adopting ICT in teaching learning process.

What is ICT? :

Information and Communication Technologies (ICTs) are referred to as the varied collection of technological resources which are used to communicate. They are also used to generate, distribute, collect and administer information. ICTs consist of the hardware, software, networks,