

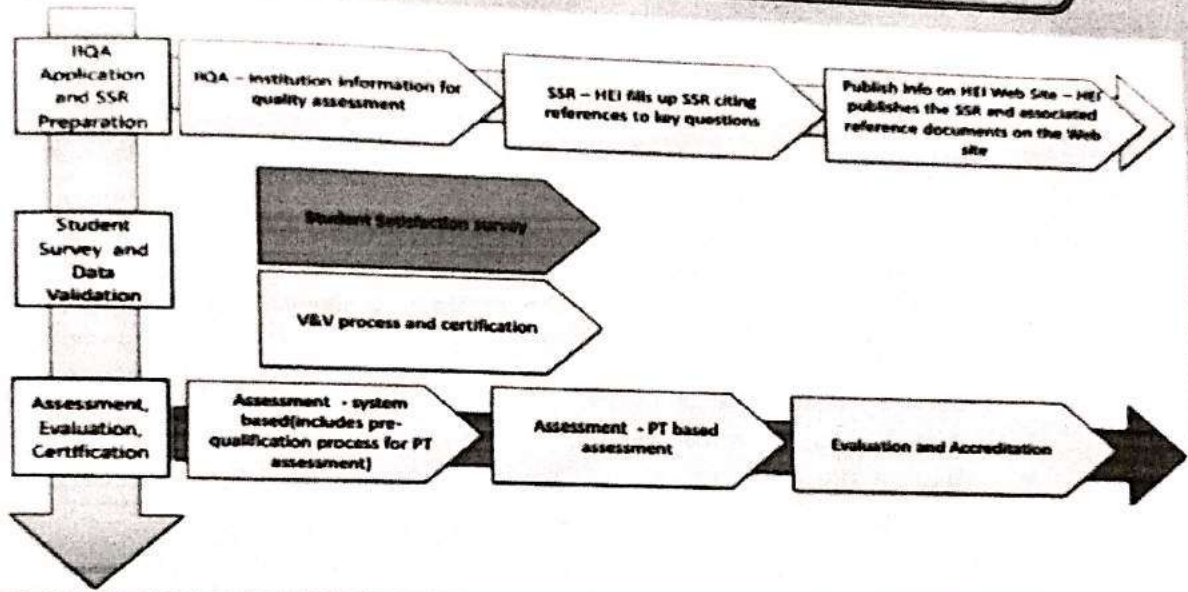
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Role of ICT in Teaching

Dr. Kamalakar Digambarrao Jadhav

Shikshan Maharshi Dnyandeo

Mohekar Mahavidyalaya, Kalamb

Introduction:

Today, the role of Information and Communication Technology (ICT), in the education sector plays an important role, especially in the process of empowering the technology into the educational activities. Education sector is most effective sector to prove impact of ICT in education. Technology in another side can be the most effective way to increase the student's knowledge. As world is moving rapidly towards digital information, the role of ICTs in education becoming more and more important and this importance will continue to grow and develop in 21st century.

However the education sector, particularly the area of teacher education, is behind than the other sectors. All sectors are benefiting from the fruits of technological development. Today's education system faces the challenges to prepare individuals for the information society in which one of the most important aims is to handle information. In order to function in the new world economy, students and their teachers have to learn to navigate large amount of information, to analyse and make decisions, and to master new knowledge and to accomplish complex tasks collaboratively.

Following items of essential ICT hardware and software are required for teaching .

TVCD/VCD player

AM Radio cum Cassettes Player

Audio video cassettes/Overhead

Projector

Projection screen

Camera, Video camera

Multimedia PC systems with monitors, hard disk drives, floppy

Computer-based learning is one of the Important communication tool that helps students to enhance their learning skills through computer aided education. It imparts computer knowledge in students and enables them to obtain large amounts of information from various websites. After two decades of introducing computers to education has been revolutionized ever since then. It reduces time spent on mechanical tasks such as rewriting, producing graphs and increases the scope of searching. It not only helps in finding information but also in organizing information making it easier to share with others.

Internet tools like Email, social networks, newsgroups and video transmission have connected the world like never before. Students can now communicate using emails and social networking groups that provide knowledge based information. Distance learning, online learning is also enabled through the internet. Students can learn online and also talk to experts online. Notes, readings, tutorials, assignments can be received by students from anywhere. The Internet provides major information in texts, audios, videos and graphics which can be accessed by the individual. Online learning allows students to interact with each other and faculty to interact with students.



There are So many Advantages of ICT for students and they may be as such: the students are more motivated and as such they become more creative when they are faced with new learning environments. Also, they are in a disciplined way working collaboratively with their friends. As a result, they are able to generate knowledge. They will have the capacity to handle rapid change in any type of environment. Some theorists acknowledge that ICT can help students to become knowledgeable, reduce the extent to which direct instructions are given to them, and give educators a chance to help those students with special educational needs.

Role of ICT in 21st Century's Teacher Education:-

- *ICT helps teachers in both pre-service and in-Service teachers training.
- *ICT helps teachers to interact with students.
- *It helps them in preparation their teaching, provide feedback.
- *ICT also helps teachers to access with institutions and Universities, NAAC and UGC etc.
- *It also helps in effective use of ICT software and hardware for teaching – learning process.
- *It helps in improve Teaching skill, helps in innovative Teaching.
- *It helps in effectiveness of classroom.
- *It also helps in improving professional Development and Educational Management as well as enhances Active Learning of teacher Trainees

There are some unavoidable facts in the modern education: the ICT has been developing very rapidly nowadays. Therefore, in order to balance it, the whole educational system should be reformed and ICT should be integrated into educational activities.

Second, the influence of ICT, especially internet cannot be ignored in our student's lives. So, the learning activities should be reoriented and reformulated, from the manual source cantered to the open source ones. In this case the widely use of internet access has been an unavoidable policy that should be installed by college authorities, the presence of multimedia games and online games by internet has been another serious problem that should be wisely handled by the educational institutions. The students cannot be exterminated from this case. They can have and do with it wherever and whenever they want. College, as a matter of fact, do not have enough power and time to prevent or stop it after college times. Meanwhile, most parents do not have enough times to accompany and control their children. So, the students have large opportunities to do with multimedia games or online games or browsing the negative sites. Having been addicted, the students will have too little time to study, and even do not want to attend classes.

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