ICT and Education system

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Introduction

In the last five half decades, the growth of ICT presents a very impressive picture. There has been commendable quantitative expansion in terms of use of ICT in educational pedagogy, psychology and research in education and all discipline in India and world. ICT include INFORMATION COMMUNICATION TECHNOLOGY which show us the proper knowledge and use of this knowledge in our technological development and communicational system.

ICT:- Its combination of three words Information, communication and technology.

Information:- Information about someone or something consists of facts about them.

Communication:- The exchange of meanings between individuals through a common system of symbols.

Technology: - The application of scientific knowledge to the practical aims of human life.
The trend towards a knowledge-based society has emphasized the importance of ICT in day to day life. Our education policies always recommend research as fundamental subject in higher education. Higher education must be research oriented and use of latest technology is required for doing research and that’s why ICT is a fundamental thing for the development of educational research also.

- With the help of ICT we give proper and better knowledge to our student that’s why the ICT is a part of our educational system.
- ICT gives updated knowledge to our teacher for teaching in classroom and it also help students to learn the concept deeply in home also.
- ICT gives access to teachers for reference book, journals, websites which makes comfortable to teachers for teaching.
- ICT is the way to learn easily with the help of ICT students get knowledge 24 by 7.
- ICT also used as tool of teaching in many institutions, teachers use it for clear the concept of students giving references to the students.
- Scope of ICT is increased with the help of internet and with the help of internet verity of ways to learn and teach.

**Tools of ICT**

Variety of tools used in ICT which makes education easy and this tools used in teaching for the change of environment in classroom. Sometime this tools used for concept clarification also.

- Telegraph
- Telephone
- Tele printer
- Fax Machine
- Radio
- Television
- Tele conferencing
- Internet
• Mail
• Satellite Communication
• Smart phone (Mobile Phone)
• Websites

This tool gives better environment to teachers to solve the problems of students. ICT gives global information on topic which we have to teach in class. Students in 21st century is update their knowledge with web tools and web applications on mobile.

There are more benefits using ICT in education system.

❖ ICT encourage performance based learning and researching.
❖ Educational Researcher also uses various university websites to getting research review with the help of ICT.
❖ ICT Provide accurate and latest information to student/Teacher and researcher which is more helpful for completing research.
❖ ICT assure students to 24/7 learning.
❖ Mobile learning, video conferencing learning is used through development of ICT.

Concluding

ICT plays vital role in education as a tool and as a important part in our classroom. Teacher?Student and researcher are using ICT as a partner in learning teaching. We all are the part of small world which is bounded by internet.

Reference

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