

Need of Integrating Ict in Todays Classroom

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WHAT IS ICT?

Information and communications technology (ICT) is an extended term for information technology (IT) which stresses the role of unified communication and the integration of telecommunications (telephone lines and wireless signals), computers as well as necessary enterprise software, middleware, storage, and audio-visual systems, which enable users to access, store, transmit, and manipulate information.

The term ICT is also used to refer to the convergence of audio-visual and telephone networks with computer networks through a single cabling or link system. There are large economic incentives (huge cost savings due to elimination of the telephone network) to merge the telephone network with the computer network system using a single unified system of cabling, signal distribution and management.

ICT has no universal definition, as "the concepts, methods and applications involved in ICT are constantly evolving on an almost daily basis". The broadness of ICT covers any product that will store, retrieve, manipulate, transmit or receive information electronically in a digital form, e.g. personal computers, digital television, email, robots.

SIGNIFICANCE:

In this globalising trending competent world, integrating of computers in daily classroom plays an important role as they improve students skills, knowledge and arouse interest towards learning as learning with technology is always a joyful learning and it provides longer retention to students. Integrating ICT in education can actually provide world class professional exposure to student's and students can directly contact professors and other peers and exchange knowledge. It also improves student's efficiency, personal and social responsibility along with developing their reasoning skills, creativity, communication skills and intra-inter personal relationships. In this technologically competent world its always necessary to imbibe computers in daily classroom to enhance students cross cultural relationships, improve students' academic achievements and attaining concept clarity by making students conceptually competent in this competitive world. ICT has become part of everyday life and all sectors from banking to tourism now depend heavily on ICT for carrying out their transactions. The National curriculum framework 2005 (NCF 2005) has highlighted the importance of ICT in school education.

CAN TECHNOLOGIES REPLACE TEACHING?

In this globally competent world no wonder students needs to have all the technological knowledge but this can never replace a teacher. With regular classroom teaching we can share relationships share the feelings required to teach a particular concept which is not possible with a lifeless computer. Empathetic feelings can be attained.

ROLE OF TEACHER AND INTEGRATION OF ICTS IN TEACHING:

- Teacher should be a guide and a friend

- Teacher should have ample knowledge about pros and cons of integrating ICT in her regular classroom
- Teacher should have to prior analyse the topic as which should be taught using technology.
- A computer expertise must be engaged to explain the minute details of every invention in this technological world

HOW INTEGRATION OF ICTS ENABLE LEARNING OUTCOMES:

Integration of ICT in education provides positive output as students enjoy learning, improve manipulative skills and develop good command on conceptual understanding. The learner becomes self-sufficient and has longer retention when he learns by technology aid

Students develop good rapport between fellow students and enjoy their learning by peer collaboration and cooperation.

Develops critical thinking and problem solving abilities among students.

Supports disabled children and slow learners it enhance their performance.

THE FOLLOWINGS ARE THE AIMS AND OBJECTIVES OF ICT IMPLEMENTATION IN EDUCATION:

- To develop the creative thinking of individual.
- To maintain equality in the classroom without any bias in educational areas.
- To increase technology literacy of all citizens, especially for students.
- To enhance distance education with national contents.
- To promote the culture of learning at school
- To implement the principle of life-long learning.

- To increase a variety of educational services and medium / method.
- To create opportunities to obtain education and educational related information.
- To develop a system of collecting and disseminating educational information.

MAIN ADVANTAGES OF ICT FOR EDUCATION:

- ICT can easily be used in teaching and improving the retentive memory of students.
- Using ICT teachers can easily explain complex concepts and ensure students' comprehension and help in better understanding.
- By using ICT teachers are able to create interactive classes and make the lessons more enjoyable, which could improve student attendance and concentration and arouse students curiosity in learning.
- It develops the creative memory of the child by the ict learning.
- Every individual can be updated in the educational activities because he will come to know which is happening all over the world related to education through ict

CONCLUSION:

We use technology for fun, to stay connected, in business extensively, but how often do we use it in education? Are our school students making their assignments online and emailing them? Are our teachers using different presentations and documentaries to teach primary and secondary levels instead of relying only on the course books? Most probably, no! Why? Well, before answering this question, let's first explore that why should we use Information and Communications Technology (ICT) in our classrooms.

ICT when integrated into the classrooms adds immense value to the quality of teaching, making it a holistic learning experience for the pupils. It makes education student-centred, visual, time-saving and motivates the young scholars to produce creative assignments. When incorporated into the curriculum systematically, it helps the teachers in making the complicated concepts simple and easy to understand. It gives students an opportunity to become a part of the global IT village enhancing their technical and communication skills.

ICT-oriented topics are always quite interesting as teachers get a variety of pictures, movies, spreadsheets and even online quizzes to carry out their lesson plans with. Besides, effective ICT classroom practices produce well-informed, tech-savvy students who are competent enough to survive in the recession-struck 21st century job market.

It would be better if teachers try to integrate online activities, videos, graphs, databases, templates, articles and presentations in their every day lesson

plans to make their explanations clear and interesting. Such resources are easily available on different educational websites and offer a variety of user-friendly levels.

Everybody we know that technology is very important in every individual life to make great student and to make strong nation because only education can show right path to the life of individual. Education is the right weapon to make effective nation so that we must setup the ICT tools in every class room even though expensive. So, it makes aware the child using of technology and its importance. the government has to take the responsible to provide the ict tools in every government schools to enhance the education specially in the rural areas because many facilities are available in the urban and private sectors. Now a days in all private school and corporate schools are providing ict integrated education but the advantage of this they made complete education commercialized so that the government has to take responsibility to provide ict tools in government school to remove the commercialized education.

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