



The Innovations and Evolution of Education and the Role of ICT

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Introduction:

ICT (Information and Communication Technology) has played a main significant role in the education system. This article aims at helping teachers, students, researchers and also the society with a universal idea of the ICT from the invention and Evolution and the role of ICT in the field of teaching and learning in the education industry.

History of ICT:

The history shows that the transformation of knowledge and sharing of thoughts can be seen way back to 3000 B.C. from the paintings of the caves. In the period of Aristotle and Pythagoras i.e. 510 B.C. it was done in Pythagoras academy through oral perching which ended when the chinies people invented the paper in the year 382. The invention of mechanical printing in 15th century by Sir Gutenberg paved another way of transmission of knowledge. From the ancient teaching aid i.e. Chalk and board to modern aid like LCD projector, Laptops, camera, Digital Boards, Smart boards, Apps are in hands of teachers which can be utilized to improve teaching and learning experience.

Innovations in ICT: According to Daniels (2002) ICT's have become within, a very short time, one of the basic building block of modern society. Many countries now regard understanding ICT and mastering the basic skills and concept. The teachers should be the main motivator and author of the ICT implementation at schools, College and other sectors. The teachers should be aware of the social change in their teaching activities. They should be the mediator of change from the traditional method to the modern one. They must also be the part of the global transform in knowledge and teaching modification. Technology can give teachers and students outstanding resources. They have access to new opportunities for learning approaches to work together. Technology is not just a powerful thing for education—it is a superpower.

