

Computer in Education

A computer is an electronic machine which can be used to solve a problem or perform a certain function according to the instructions given to it. Today computers are used almost everywhere. Computer education is the process of learning about or teaching about the computers. It includes the basic knowledge of computer system, skills, ideas, and the basic terminologies related to the computer system. It also includes the advantages and disadvantages of computers, the potential of a computer system, how a computer can be used to solve different problems of day to day life or how can a computer be programmed to solve the extreme problem. Computer education has become an integral part of the twenty-first century. It has gained a lot of importance in today's life. Today, computers are used in almost every field. Therefore, it has become necessary to learn about computers.

Computer plays a significant role in each and every field of life. They help us in several ways. For example, they find applications in medicine, industrial process, aviation industry, making bills in various big shops & malls, creating presentation slides in application software for making notes & delivering lectures in colleges, universities and a lot more. In short, not only in just one, but the Computer plays an all-rounded role in the field of education of students.



How does Computer help in the education process?

Innovation in Computer technology has a profound impact on education. It forms a part of the school curriculum as it is an essential part of every individual today. Computer education in schools plays a major noteworthy role in the career development of young children.

Computers in Teaching & Learning Process:

Being actively used in various educational institutes like schools, colleges & big universities, computers are used to aid the learning process of students. Professors in colleges & teachers in schools take help of audio-visual techniques to prepare lesson

plans for children. For this, they use Microsoft PowerPoint to prepare electronic presentations about their lectures.

These electronic presentations can be shown on multimedia and sound projectors in classrooms. It is an interesting and simple method to learn for students. Multimedia (Sight and sound) presentations are easy to deliver for teachers also as these presentations spare a great deal of time and effort.

Computers can be used for online education (just like as in Lockdown also) and research. With the help of the internet, students can find useful information about their projects, assignments and also can take useful help from other researchers as they store & organize their research materials in computers.

Computer-Based Training (CBT)

In CBT (Computer Based Training), various projects & educational programs are prepared or set up with the assistance of expert educators and audio-visual media help. These educational programs are generally set up in the shape of lectures on a specific subject/ topic & are given on CDs. Students can learn when they wish at their homes.



Uses of Computer in Education:

1. Huge & organized store of information

Vast or Immense storage is yet another main great characteristic of a computer. Students and teachers can download and store a lot of educational materials, books, presentations, lecture/ address notes, question papers, and so on in computers. Students can find many different ways to solve a certain problem given to them. Through Computer, they can interact with people having same issues & decisions.

2. Quick processing of data

Speed is the fundamental attributes of a computer. We can easily find information with just a single touch of a button.

3. Audio-visual guides in teaching process for a viable learning

One of the primary uses of computers in education is 'the Access to the Internet' for information search about any topic.

4. Parents can know their wards' progress

The Computer has helped parents & guardians a lot as they can likewise know by checking every minute progress of their children through computers and the web by browsing the school's website. They can check different assessment results, attendance reports, participation in curricular and co-curricular activities, and significantly more.

5. Quick Communication & Correspondence

Another main advantage of using computers in the education field is the improvement in the quality of teaching-learning process and communication between students & teachers. For this, they use Microsoft PowerPoint to prepare electronic presentations about their lectures.

Computer revolutionizes the way of study while making education smoother and quicker. It also connects us to different sources, which show us different ways to understand a particular topic or idea. In general, a computer has helped the education world and also has changed the way we work & learn.

References:

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