ROLE OF ICT IN TEACHING LEARNING PROCESS

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Abstract

ICT Stands for "Data and Communication Technologies.” ICT alludes to advancements that give access to data through media communications. It is like Information Technology (IT), however centers principally around correspondence innovations. This incorporates the Internet, remote systems, PDAs, and other correspondence mediums. In the previous couple of decades, data and correspondence innovations have furnished society with an immense range of new correspondence capacities. Brilliant innovation” is the commonplace phrasing that is generally being utilized in each being's life. Cell phones, tablets, contraptions, shrewd TVs, and so forth, are the results of keen innovation that have made human life more intelligent, less demanding and open. Keen innovation has improved the method for living as well as turned into a coordinated piece of everybody's life.

Key Words : ICT , Teaching learning process

Introduction

The Information and Communication innovation to be exact has turned into a main thrust behind monetary development and a formative instrument too. ICT is an all-inclusive term for Information innovation which is a mechanical source to make data accessible at the perfect time, correct place in the correct frame to the correct client. Prior, one needed to trust that the papers will get the data over the world. Presently with the more brilliant innovation, data can be gotten to from anywhere utilizing cell phones and devices. This is made conceivable with the assistance of Information and Communication Technology. Data innovation has been impacting our lives in the ongoing years in the fields of instruction, medicinal services, and business. Going an additional mile, Information and correspondence innovation in schools has had a noteworthy effect.

ROLE OF ICT IN TEACHING AND LEARNING

India has made great strides in the utilization of data and correspondence innovation as of late and this is reflected in an energetic and quickly developing economy. It is currently a recognized world pioneer in the information business. Today, every one of our exercises are winding up very information based. There is a move from the mechanical period to the instructive time. Globalization, progression and a market situated economy have added new flavor to our exercises, with the outcome that learning and aptitudes of each expert, including Teachers should have been ceaselessly refreshed. Anyway the instruction segment, especially the region of educator training, has fallen behind different segments of the Indian economy in profiting from the products of innovative advancement. The present training framework faces the difficulties to get ready people for the data society in which a standout amongst the most critical points is to deal with data. So as to work in the new world economy, students and their Teachers need to figure out how to explore huge measure of data, to dissect and decide, and to ace new information and to achieve complex errands cooperatively. Such a move in center can be viewed as another phase of our general public, described by another prevalent worldview. The essential worry of for teachers is to build up the fullest capability everything being equal and furthermore converse with specialists on the Internet. Computers, the Internet, and mixed media as the vehicle of correspondence.

Computer Based Learning

Computer based learning is one of the modules of school specialized device that encourages students to improve their learning abilities through computer supported training. It bestows computer learning in students and empowers them to get a lot of data from different sites. Following two many years of acquainting computers with schools, training has been upset as far back as at that point. It lessens time spent on mechanical errands, for example, modifying, creating diagrams and expands the extent of seeking. It helps in discovering data as well as in arranging data making it less demanding to impart to other people.

Internet

Internet instruments like Email, informal communities, newsgroups and video transmission have associated the world more than ever. Students would now be able to impart utilizing messages and long range interpersonal communication bunches that give learning based data. Separation learning, Internet based learning is additionally empowered through the Internet. Students can learn on the Internet and furthermore converse with specialists on the Internet. Notes, readings, instructional exercises, assignments can be gotten by students from anywhere. The Internet gives significant data in writings, sounds, recordings and
illustrations which can be gotten to by the person. Internet learning enables students to collaborate with one another and workforce to connect with students.

Classroom Learning

With the presentation of ICT in training, classroom learning is one characteristic that makes learning experiential and exploratory to students. Students can tune in to the educator or instructor, get obvious signals through PowerPoint pictures, presents or whiteboard records and take an interest effectively. This aids in prompt collaboration and students have chances to make inquiries and take an interest in live exchanges. This school correspondence programming module further advantages in building and keeping up close to home and expert connections as classrooms offer more prominent individual contact with different students and instructors. Classroom learning incorporates the accompanying

- **One laptop per child**: Less costly computers have been intended for use in school on a 1:1 premise with highlights like lower control utilization, an ease working framework, and exceptional re-programming and work arrange capacities. Regardless of endeavors to lessen costs, be that as it may, giving one laptop for each youngster might be unreasonably expensive for some creating nations.

- **Tablets**: Tablets are little computers with a touch screen, permitting contribution without a console or mouse. Modest learning programming (“applications”) can be downloaded onto tablets, making them an adaptable instrument for learning. The best applications create higher request thinking aptitudes and give innovative and individualized choices to students to express their understandings.

- **Interactive White Boards or Smart Boards**: Interactive white sheets permit anticipated computer pictures to be shown, controlled, hauled, clicked, or replicated. At the same time, transcribed notes can be gone up against the load up and put something aside for later use. Intelligent white sheets are related with entire class guidance instead of student focused exercises. Student commitment is commonly higher when ICT is accessible for student use all through the classroom.

- **E-Readers**: E-readers are electronic gadgets that can hold several books in computerized shape, and they are progressively used in the conveyance of perusing material. Students both gifted readers and hesitant readers have had positive reactions to the utilization of tablets for free perusing. Highlights of tablets that can add to positive use incorporate their transportability and long battery life, reaction to content, and the capacity to characterize obscure words. Also, numerous great book titles are accessible for nothing in digital book frame.

- **Flipped Classrooms**: The flipped classroom demonstrate, including address and practice at home by means of computer guided guidance and intuitive learning exercises in class, can take into consideration an extended educational modules. There is little examination on the student learning results of flipped classrooms. Student discernments about flipped classrooms are blended, however for the most part positive, as they incline toward the agreeable learning exercises in class over address.

**Video Conferencing**

This is one more vehicle of correspondence wherein students can speak with different students or Teachers on the Internet. It empowers students to wind up dynamic members in their very own learning. Video Conferencing is an incredible specialized apparatus that can possibly change the manner in which we convey data to students. It is only one of the present integrative advances that engage students to get ready for a superior future.

**Enhances Commitment**

At the point when innovation is coordinated into exercises, students are relied upon to be increasingly inspired by the subjects they are contemplating. Innovation gives distinctive chances to make adapting progressively fun and charming regarding showing same things in new ways. For example, conveying educating through delight, taking students on virtual field treks and utilizing other internet learning assets. In addition, innovation can support an increasingly dynamic cooperation in the learning procedure which can be difficult to accomplish through a customary address condition.

**Enhances Learning Maintenance**

Students who are locked in and keen on things they are examining, are relied upon to have a superior learning maintenance. As referenced previously, innovation can empower dynamic investment in the classroom which likewise is an imperative factor for expanded learning maintenance. Diverse types of innovation can be utilized to try different things with and choose what works best for students as far as holding their insight.

**Energizes Individual Learning**

Nobody learns similarly in light of various learning styles and diverse capacities. Innovation gives extraordinary chances to making adapting increasingly viable for everybody with various necessities. For instance, students can learn at their own speed, audit troublesome ideas or avoid ahead in the event that they have to. Additionally, innovation can give more chances to battling or debilitated students. Access to the Internet gives students access to an expansive scope of assets to lead explore in various courses, which thus can build the commitment.
Students can Learn Helpful Fundamental Abilities through Innovation

By utilizing innovation in the classroom, the two instructors and students can create abilities basic for the 21st century. Students can pick up the abilities they should be effective later on. Current learning is tied in with working together with others, taking care of complex issues, basic reasoning, creating distinctive types of correspondence and administration abilities, and enhancing inspiration and profitability. Additionally, innovation can help create numerous pragmatic abilities, including making introductions, figuring out how to separate solid from questionable sources on the Internet, keeping up legitimate online decorum, and composing messages. These are critical abilities that can be produced in the classroom.

Advantages for Teachers

With endless online assets, innovation can help enhance educating. Instructors can utilize diverse applications or confided in online assets to upgrade the customary methods for instructing and to keep students progressively locked in. Virtual exercise designs, reviewing programming and online appraisals can enable instructors to spare a great deal time. This important time can be utilized for working with students who are battling. In addition, having virtual learning conditions in schools upgrades joint effort and information sharing between instructors.

Quick Communication

The Internet advances quick correspondence crosswise over land boundaries. Your students can join community oriented tasks that include students from various states, nations or main lands. This kind of learning background was unrealistic before the Internet. This is an interesting learning knowledge exceptionally fundamental for every one of our students, as the world is getting to be one major network.

Obtaining Varied Writing Skills

On the off chance that students are required to distribute their work on the Internet, they need to create hypertext abilities. These aptitudes enable students to pick up involvement in non-successive works. In addition, and since the Internet is available to all with access, students distributing their work on the Internet are compelled to be aware of their dialect and to write to non-master crowd.

DISADVANTAGES OF USING ICT FOR EDUCATION

The utilization of the Internet for instruction isn't without issues. Along these lines, one ought to anticipate that the issues should be experienced in utilizing the Internet in educating to advance also. There are some disservice of utilizing ICT for instructing and learning:

Literary Theft

Aside from Internet locales that guarantee to enable students to compose research projects, there are various instances of students downloading data from the Net and handing them over for evaluations. We can limit this issue by expecting students to refer to inquire about sources. There is an online administration, Plagiarism.org at http://www.plagiarism.org/, which can help us in limiting instances of counterfeiting in the class. This administration professes to avoid copyright infringement by deciding whether a research project has been replicated from the Internet or not.

Student Privacy

Crooks, advertisers, and different people can without much of a stretch get data from students when they are on the Internet. These could present peril on students’ lives or may even prompt prosecution against the school. To stay away from this issue, students ought to be taught on the perils of offering data to individuals on the Internet. Guardians and instructors need to administer students’ online exercises.

Low Income Groups

As indicated by the US Department of Education, over half of government funded schools with a high minority enlistment had a lower rate of Internet access than state funded schools with a low minority enlistment in 1997. The equivalent was valid for instructional rooms in those schools. Furthermore, students from low-pay families might not have computers at home or may have computers at home with no entrance to the Internet. Thus, students in low-salary networks might be hindered. To decrease the impact that social or financial status may have, we should give Internet assignments that students can without much of a stretch total while in school. On the off chance that important, schools may need to keep computer labs open for more and additionally odd hours. The utilization of computers at open libraries ought to likewise be energized.

Planning Time

It requires a great deal of planning investment to viably utilize the Net for training. Notwithstanding structuring Internet based exercise designs, we may need to surf the Internet to download exercise designs and adjust them to help the educational modules destinations or visit locales to choose those suitable for classes. We must choose between limited options yet get ready so as to enable your students to wind up mindful client of the Internet.
New Administrative Responsibilities

Training utilizing the Internet conveys to hold up under another arrangement of managerial requests on the educator and the school organization. These incorporate improvement and execution of worthy use strategy, preparing, growing new assessment criteria as required, and tending to guardians' worries.

Conclusion

In whole, not all exercises can be consolidated into the Internet. In showing utilizing the Net, we need to persuade that utilizing the Net includes something new, some genuine incentive to our instructing. Yet additionally, students ought to be prepared to utilize the accessible innovation productively. We ought to team up with different Teachers in the school and in the framework, since collaboration and shared comprehension is imperative particularly when the school has few Internet accounts. Through the net, the student can impart or team up with different students or specialists in the field crosswise over topographically limits. Also, they can join a news assemble on a specific point of intrigue. What is most fascinating about the Net, the extent that correspondence is concerned, is that it is race, age, national root, and sexual orientation dazzle? The Net likewise empowers students to distribute ventures' discoveries to be seen by their companions the world over. This may give a few students the inspiration they have to finish their work on time, to be aware of their dialect. In this way, every student can profit by a Net correspondence venture.

REFERENCES


