



## THE CALL FOR TECHNOLOGY ORIENTED EDUCATION ON THE CURRENT TEACHING METHODOLOGY

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### ABSTRACT:

Today, like never before, the job of instructive innovation in educating is critical on account of the utilization of data and correspondence advances. With the assistance of different applications for teaching, the web, instructors, and understudies themselves, they see the upside of instructive innovation. The inquiry is whether schools and educators themselves are prepared for the utilization of innovation in training and whether they know about its advantages? In this paper, we attempt to give a diagram of the significance and utilization of instructive innovation in the homeroom.

### KEYWORDS:

**EDUCATIONAL TECHNOLOGY, TECHNOLOGY AND LEARNING, SCHOOL, TEACHERS, THE IMPACT OF TECHNOLOGY ON LEARNING.**

### INTRODUCTION

Innovation has extraordinarily influenced and affected the manner in which things are exhibited and instructed in the homeroom. Innovation has affected the materials that are utilized and the manner in which we utilize these materials to educate in the schools. Most everything that is utilized in the present homeroom has been an aftereffect of innovation. All materials, including course readings and the Web, have been created and have had some association with the development of innovation in the educational environment.

Instructive advancement infers the usage of all kind of present day media and materials for growing the learning experiences. Guidance development is suggested by ace as one of the potential techniques for incapacitating preparing feasibly and viably. In advance, educators used to instruct in rigid, formal and stereo-created ways. Preparing was then considered as the route toward transmitting learning and considerations. Understudy used to get by heart whatever was given by the teacher or course book. They routinely couldn't understand what was told and were depended upon to reproduce at the period of assessment.

Innovation in instruction is characterized as a variety of apparatuses that accommodating in propelling under study learning and estimated in how and why people behave. Educational innovation is the examination and moral routine with regards to encouraging e-realizing, which is the learning and improving execution by making, utilizing and overseeing proper mechanical procedures and assets. Instructive Innovation depends on an

expansive meaning of "innovation" which critical the devices and the sources to improved, to build up the expertise of the Training.

### OBJECTIVES OF THE STUDY

- To study about the impact of technologies on current teaching methodology.
- To understand the significance of emerging technologies in education.
- To ascertain technology as a tool for teaching.
- To postulate the need of adopting technologies in education.

### SCOPE OF THE STUDY

There is a developing trend around the globe about the advantages that can be brought to instruction framework through the proper utilization of advancing data and correspondence advances. The scope of potential advantages swarmed essentially all territories of movement in which information and correspondence assume a crucial job. It is included from improved educating and learning procedures to better understudy result, expanded understudy commitment and consistent correspondence with instructors and guardians. Today there is a huge hole among information and aptitudes understudies learn in school and the learning and abilities that laborers need in working environments and networks. Businesses report that they need understudies who are proficient, having great good and hard working attitudes, can cooperatively work in group, have basic reasoning and critical thinking capacity, can lead a gathering of individuals and are gifted in verbal and composed

correspondence. This paper contemplates the job of Instruction Innovation in teaching industry.

## THEORETICAL BACKGROUND OF THE STUDY

### MEANING AND DEFINITION OF EDUCATION TECHNOLOGY

Educational technology is a systematic and organized process of applying modern technology to improve the quality of education (efficiency, optimal, true, etc.). It is a systematic way of conceptualizing the execution and evaluation of the educational process, i.e., learning and teaching and help with the application of modern educational teaching techniques. It includes instructional materials, methods and organization of work and relationships, i.e. the behavior of all participants in the educational process. The term "teaching resources" is commonly used,

Expressed contrasts generally occur on the grounds of the way to deal with the technical qualities and the utilization of present day apparatuses, and not their real application in instructing for example their real academic application. In this way, there are particular suppositions among educators in the field of social and specific sciences. Appropriately, the utilization of educational advancement requires gaining from a couple of domains: showing technique, mind explore, didactics, PC sciences, and informatics. Because of this various assortment, there is also extraordinary impression of enlightening advancement, where every maker describes the possibility of instructive development, as demonstrated by their necessities. Educational development is still not being connected sufficiently, by and large for reasons of nonappearance of school gear significant resources and insufficient ability of educators for the utilization of these benefits. Educational technology has three domains of use:

Technology as a tutor (computer gives instructions and guides the user), Technology as a teaching tool and Technology as a learning tool.

### THE IMPORTANCE OF EDUCATIONAL TECHNOLOGY IN TEACHING

Since developing advances are as yet not generally utilized in numerous establishments, the instructing procedure is dominated by conventional strategies. It is overwhelmed by the frontal type of work where the educator had enough association with understudies. Inability to flourish at their very own pace and inadequate activity of understudies was one of the disadvantages of this sort of learning. In class, we have youngsters who are not uniform in information and never give enough consideration to the individuals who are not sufficiently aced the material and the individuals who are over their normal. This distinction is frequently hampered by educator appraisal work and how to exchange information to a gathering of kids with various learning.

The teacher keeps normal to great showing where youngsters with inadequate information would not get the

essential learning. The youngsters with deficient learning can advance easily without disagreeable sentiment of their obliviousness, no disappointment, and humiliation while for the most exceptional kids encouraging will exhaust. With the usage of informative development, understudies can freely progress in acing training materials, to pick the pace of work, to go over the material that isn't sufficiently clear, that after tests performed rapidly get results and watch their advancement. Natural, sight and sound substance gives a staggering good position of current learning over traditional learning. With the use of educational technology we get analysis between the educator and the students understudy.

### NEED FOR TECHNOLOGY IN EDUCATION INDUSTRY

Economists identify three factors that lead to growth which is based on increased human capacity.

- **Capital deepening** - the ability of the workforce to use equipment that is more productive than earlier versions
- **Higher quality labour** - a more knowledgeable work force that is able to add value to economic output
- **Technological innovation** - the ability of the workforce to create, distribute, share and use of the new knowledge.

These three productivity factors serve as the basis for three complementary, somewhat overlapping, approaches that connect education policy with economic development.

- **The Technology literacy approach** -Increasing the extent to which new technology is used by students, citizens and the work force by incorporating technology skills into the school curriculum.
- **The Knowledge deepening approach**
  - Increasing the ability of students, citizens, and the workforce to use knowledge to add value to society and the economy by applying it to solve complex, real-world problems.
- **The Knowledge Creation approach**
  - Increasing the ability of students, citizens, and the workforce to innovate, produce new knowledge, and benefit from this new knowledge.

### TECHNOLOGY AS TOOLS FOR TEACHING

There are various types of technologies currently used in classrooms. Among these are:

- **Computer in the study hall:** Having a PC in the homeroom is a resource for any educator. With a computer in the homeroom, educators can exhibit another exercise, present new material, illustrate how to utilize new projects, and show new data on sites.
- **Class online journals and Wikipedia:** There is an assortment of Web 2.0 apparatuses that are at

present being actualized in the study hall. Sites take into consideration understudies to keep up a running exchange, for example, a diary, musings, ideas and assignments that additionally accommodate understudy remark and reflection. Wikipedia, an online encyclopedia are more gathering centered to enable various individuals from the gathering to alter a solitary record and make atruly cooperative and cautiously altered completed item.

- **Wireless homeroom receivers:** Boisterous study halls are an every day event, and with the assistance of microphones, understudies can hear their educators all the more plainly. Understudies adapt better when they hear the teacher unmistakably.
- **Mobile gadgets:** Cell phones, for example, tablet or advanced mobile phone can be utilized to improve the experience inthe study hall by giving the likelihood to educators to get input.
- **Interactive Whiteboards:** An intelligent whiteboard that gives contact control of PC applications. These upgrade the involvement in the study hall by indicating whatever can be on a PC screen. This helps in visual adapting, however it is intuitive so the understudies can draw, compose, or manipulate images on the intelligent whiteboard.
- **Digital video-on-request:** Computerized video dispenses with the requirement for in-study hall equipment and allows teachers and understudies to get to video cuts promptly by not using the open Web.
- **Online media:** Spilled video sites can be used to improve a study hall exercise.
- **Online study apparatuses:** Instruments that inspire concentrating by making concentrating progressively fun or individualized for the student.
- **Digital Games:** The field of instructive games and genuine games has been becoming altogether over the last couple of years. The computerized games are being given as apparatuses to the study hall and have a ton of positive feedback including higher inspiration for students. There are numerous different instruments being used relying upon the neighbourhood educational committee and assets accessible available to them.

## SUGGESTIONS

When utilizing instructive innovation we ought to be basically centered around the educational estimation of the devices and applications we use, how

satisfactory they are in the procurement of information, regardless of whether there is cooperation among clients and apparatuses, and on the off chance that we have positive impacts in utilizing them.]we should concentrate on five territories of programming programs that can possibly unequivocally impact children's learning knowledge:

1. The educational value of the program,
2. Its ability to engage children in learning,
3. Ease of use,
4. Interactivity between the child and programs,
5. The possibility that a software program monitors the progress of the child.

## CONCLUSION

The nearness of instructive innovation is developing in the classroom. The new age of youngsters come arranged to work with these new advances, which accept a basic occupation in children's learning and increasing diverse intellectual data so informational innovation must be joined into future educational plans. The utilization of enlightening advancement updates capacities and scholarly characteristics. With the help of new advancement comes a blast of learning and getting new data, especially on mobile phones. Teachers have been using new advances in the homeroom. Regardless, the advancement and usage of new advancements creates as a measure that is the point of whether teachers are set up to remain mindful of them.

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