IMPACT OF TECHNOLOGY IN HIGHER EDUCATION

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Abstract
As in today's world digital media is moving so rapidly that the role of Technology in education is very important. This study focuses on the reasons for slow growth of technology in teaching, research and extension activities. It talks about the changes it has brought about in the way how teachers interact and communicate with students and vice versa. It also deals with the challenges faced by the inadequate Technology asses and technological know-how in higher education in India. Modern educational technology includes e-learning, instructional technology, information and communication technology (ICT) in education, EdTech, learning technology, multimedia learning, technology-enhanced learning (TEL), computer-based instruction (CBI), computer managed instruction, computer-based training (CBT), computer-assisted instruction or computer-aided instruction (CAI), internet-based training (IBT), flexible learning, web-based training (WBT), online education, virtual education, personal learning environments, networked learning, virtual learning environments (VLE) (which are also called learning platforms), m-learning, and digital education. Moreover, this study also explores the transformative potentials of technology in higher education in India. Finally, this study assesses how Information Technology has facilitated the growth in interactive learning and what has been its impact in the higher educational scenario in the country.

INTRODUCTION
Over the last several decades, the digital medium has become prominent in higher education. With this prominence, there is an increasing expectation that educators utilize, and even embrace, technology in order to enhance the delivery of course content in keeping current with societal and future workforce demands.This occurrence has led to the creation and revision of policies that must consider the increasing presence of electronic devices as well as the use of these devices by educators who strive to remain in touch with their students' realities in a digital world.

We have been using technology so much these days in each and every domain of our lives, whether it may be household work or education, it plays an important role in our life. Therefore, we need to have well verse knowledge of it. One of the distinctive features of technology is human beings is able to acquire knowledge easily. Transfer of knowledge, which is one of the foundations of learning, is among the most fundamental social achievements of human beings. Computer multimedia offers ideal opportunities for creating and presenting visually enriched learning environments Educational technology thus refers to the use of both physical hardware and educational theoretic. It includes learning theory, computer-based training, online learning, and, where mobile technologies are used, m-learning. Accordingly, there are several discrete aspects to describing the intellectual and technical development of educational technology.

OBJECTIVES
1. To offer a meaningful and relevant learning experience in all field of education– both public and private - which will benefit all students and also have economic and developmental growth of India.
2. To find sufficient places to meet current and future parental demand for education.
3. To study about upgrading teaching and learning curricula, teacher qualifications and performance, physical facilities, equipment, teaching and learning materials, supervision, minimum standards, regulatory requirements, assessment, examinations etc within reasonable affordable limits in order to support the meaningful and relevant learning experience required by students.

SIGNIFICANCES
With technology educators, students and parents have a variety of learning tools at their fingertips. Here are some of the **ways in which technology improves education** over time:

- **Teachers can collaborate to share their ideas and resources online:** They can communicate with others across the world in an instant, meet the shortcomings of their work, refine it and provide their students with the best. This approach definitely enhances the practice of teaching.
- **Students can develop valuable research skills at a young age:** Technology gives students immediate access to an abundance of quality information which leads to learning at much quicker rates than before.
- **Students and teachers have access to an expanse of material:** There are plenty of resourceful, credible websites available on the Internet that both teachers and students can utilize. The Internet also provides a variety of knowledge and doesn't limit students to one person's opinion.
- **Online learning is now an equally credible option**: Face-to-face interaction is huge, especially in the younger years, but some students work better when they can go at their own pace. Online education is now accredited and has changed the way we view education
- **The Flipped Classroom**: It is a practice in which, students watch lecture videos as homework and discussion is carried on them in the class-time by the teachers. It has resulted in a remarkably better student performance, with noticeable grade boost-up. Students can now learn at their own pace and save class-time for interaction.

CHANGES IN EDUCATION DUE TO TECHNOLOGY

1. An increasing number of universities are incorporating online environments into courses of all kinds, which is making the content more dynamic, flexible, and accessible to a larger number of students.
2. Due to technology universities are experimenting with policies that allow for more freedom in interactions between students when working on projects and assessments, as to compete with international education.
3. Student researchers are working with instructional technologists and professors to explore how web-conferencing platforms can be used for Peer-Led Team Learning, whereby small groups of students can solve problems together.
4. University's YouTube channel give students, faculty, and the general public a glimpse into important work happening on University campus by showing on Facebook and Twitter.
5. Through the crowd funding websites like Kick starter or Indigo, students are getting ideas to make various types of projects. A student at Cornell University, for example, is using Kick starter to develop Kick sat, a project intended to launch a small spacecraft into low earth orbit."
6. In another example, at Dartmouth College, researchers are exploring how student-generated video can be used to "further learning and evaluate a student's academic performance through the collection of various assignments housed on the Media Projects page of the college's website.
7. The educators are able to experiment with new technologies and approaches before implementing them in courses, they have the opportunity to evaluate them and make improvements to teaching models, and this can be done with the help of e-learning website.

ADVANTAGES
Help in Protecting the Environment: There are thousands of schools and colleges in every country. And it is a compulsory for every institution which requires billions of paper to publish new books and copies. But due to technology in education, we are not to buy all these books. As there are schools and colleges which had switched to the use designing computers for their lessons and libraries. It saves money and time when used thoughtfully.

Increase the Popularity of Distance Learning: With development of such inventions like the internet, the popularity with educational technology is growing every day. Nowadays it is one of the most preferred methods of learning. Online classes include transferring files, chat rooms and even board of progress to follow the students' success. Another benefit is that students can maintain a flexible schedule that is convenient for them (anytime, anywhere learning). It helps to combine distance education and work.

Easiness in Teaching: There are various ways of improving teaching efficiency with technology in education. Thanks to the technology they have more than one way to keep an eye on the student's progress. Moreover audio-

visual presentation, wide-screen televisions, projectors can be used while delivery lecture which helps the student to understand more clearly.

Technology Makes Education Enjoyable: We all know how difficult is to attract students in learning. However they enjoy the process when the instructor uses white board or touch screen technology in order to make classes more interactive and interesting. In that way it's easy to attract the attention of students. By the way, the involving technology in the educational process makes education more enjoyable both for the instructors and the learners.

Easy Access Information: Students all evenings spent in the libraries to write the report, project or academic paper. Today information is easily accessed thanks to the internet. Many years ago we couldn't imagine that we can get to know new information without going out of the house. Mothers examined new recipes from the book that they borrow in the libraries. Fathers bought newspapers to learn the updated information from business, economy and meanwhile, online courses are accessible to the students who are unable to attend traditional educational classes because of health or other complications.

DISADVANTAGES
1. The biggest disadvantage of technology is it requires in how to apply it.
2. Intellectual property ownership is difficult to protect.
3. Difficult to regulate and therefore potential for corruption is high.
4. Potential to diminish the overall value and experience of an in person education.
5. It is expensive for example if once purchase an expensive means of technology, its value will decrease.
6. Duration of its efficiency may affect the value of product
7. Reorganizing and integration of new technology in our lifestyle will result in loss of time.

CONCLUSION
Thus we can say that technological change is necessary. As an interesting future investigation could also include surveying students who are currently attending a higher education institution in order to gain their perspective of whether the use of electronic devices in the classroom benefits or hinders their learning experience. Another interesting study could focus on the extent of student awareness of the benefits and limitations of technology to enhance their educational experiences. As mentioned previously, students tend to multitask in the classroom, which may divert their attention otherwise from course content. If students are aware of the consequences from misunderstanding crucial evaluative course components, they may then further appreciate the suggested guidelines provided from their educator and respect the purpose of electronic devices. With regard to policy, the needs of both faculty and students should be explored on a level where academic freedom is in concordance to academic integrity. This is of notable importance, because of the potential ramifications of students having no suggested guidelines or policies for electronic use in class. The intent of this paper was not to suggest the abolishment of policy, but rather, to enlighten into possible factors surrounding the use of electronic devices that policymakers could consider in relation to their institutional priorities. More specifically, the authors' intent was to stimulate further discourse on the use of technology in higher education, which could lead to an alternate regulatory approach to this notable issue, especially given the complexity of its numerous dimensions. Further investigation in this regard would help validate the most appropriate method of incorporating and monitoring the use of electronic devices in the classroom.

REFERENCE
1. Technology in Education, (2013, October 08) retrieved from edtechreview.in.
2. Parr C. (2014, February) Trends that will accelerate the adoption of technology in higher education. Pp 2,3.
3. Peddick, R. (March-April 2014). Educational technology. Edtech magazine, pp. 8-10.
4. Sukanta. (2012, May) Role of information and technology. Pp 2-5.