



Role of ICT on the Commerce Education in India

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Abstract: The advent of technology has revolutionized the methods by which individuals acquire knowledge, engage in interpersonal communication, and assimilate information. The integration of technology in education has resulted in enhanced interactivity and engagement, hence facilitating novel avenues for collaborative learning and knowledge dissemination. Technology can be utilized in diverse manners to bolster pedagogy and knowledge acquisition, encompassing the provision of online resources and tools, as well as the facilitation of communication and collaboration between educators and learners. The role of information technology in developing countries such as India is to review commerce education. The education system in India is mixed as students from poor rich and middle-class family's study here. Efforts have been made to find out. While information technology is a boon for education, it is very important to know its nuances as the financial burden is increasing. The significance of Information and Communication Technology (ICT) in commerce education in India is undeniable. The integration of this approach not only facilitates the enrichment of the educational process but also empowers students with the necessary competencies to excel in the contemporary corporate environment.

Keywords: AR, e-learning, ICT, online resources, VR.



Introduction: The utilization of technology has experienced a significant surge in the 21st century across all domains, including education. In recent years, there has been a notable transition observed in the Indian educational system. The increasing prevalence of technology in educational institutions is facilitating the development of a modernized educational system. The advent of technology has revolutionized the methods by which individuals acquire knowledge, engage in interpersonal communication, and assimilate information. The integration of technology in education has resulted in enhanced interactivity and engagement, hence facilitating novel avenues for collaborative learning and knowledge dissemination. Technology can be utilized in diverse manners to bolster pedagogy and knowledge acquisition, encompassing the provision of online resources and tools, as well as the facilitation of communication and collaboration between educators and learners. Additionally, it has the capability to facilitate the development of captivating and dynamic educational encounters.

Technology-enabled classrooms, also known as digital infrastructure, provide a plethora of novel prospects for the facilitation of teaching and learning. This is achieved through the integration of various technological tools, including interactive whiteboards or projectors, audio-visual capabilities, ICT labs or multimedia centers, educational games, classroom activities, management software, homework submission, review software, and cloud-based e-learning initiatives, among others. Furthermore, research has demonstrated that it has the capacity to enhance the retention of knowledge, personalize the learning experience, facilitate greater scope for experimentation, reduce the need for rote memorization, empower both educators and learners and further foster active engagement in the learning process. The utilization of virtual tools within a controlled environment provides students with advantageous opportunities to comprehend intricate concepts. Moreover, the future of education is believed to lie in the utilization of Augmented Reality (AR) and Virtual Reality (VR) technologies, but their implementation in India is still in its early stages.

The integration of technology in the field of education offers numerous advantages, such as expanded accessibility to educational resources, heightened student involvement, assistance in tailoring instruction to individual needs, and streamlined communication and cooperation.



Technology offers educators novel avenues to engage kids who may lack access to conventional educational environments. One potential benefit of online learning platforms is the enhanced accessibility they offer to students residing in rural or remote regions. This enables students residing in geographically isolated regions to engage in distance learning, akin to traditional face-to-face educational modalities. The utilization of technology has the potential to enhance the level of engagement and interactivity in the learning process. Games and simulations have the ability to engage students in authentic situations, providing them with a sense of immersion. Similarly, social media platforms can serve as effective tools for fostering student collaboration.

The utilization of technology offers educators novel opportunities to customize instruction in order to cater to the unique demands of each student. One such instance is the utilization of adaptive learning software, which has the capability to modify the level of difficulty of educational material in accordance with a student's individual progress. Additionally, the implementation of data analytics tools can facilitate the identification of students who may want additional assistance. The utilization of technology can effectively support educators in facilitating communication and collaboration among students, both inside the confines of the classroom and beyond. The need for reform in the education sector in India is widely acknowledged. The conventional educational system frequently faces criticism due to its perceived obsolescence and lack of efficacy. In recent times, there has been an observable surge in the prevalence of online education within the Indian context. Online schooling offers numerous advantages. Online learning offers greater flexibility and convenience compared to traditional classroom-based instruction. Additionally, this option offers a more cost-effective solution by eliminating the expenses associated with travel and hotel. Furthermore, online education provides students with an expanded array of courses and resources.

Review of Literature:

1. The scholarly work conducted by Dey (2020) delves into the topic of digital transformation within the realm of commerce education in India, with a particular emphasis on the significant role played by information and communication technology (ICT). This study examines the incorporation of technology within the commerce curriculum, the utilization of online learning platforms, and the integration of digital resources.
2. In this research, Rana and Rana (2019) investigate the effects of electronic learning (e-learning) and information and communication technology (ICT) on the commerce curriculum. This study emphasizes the utilization of digital content, electronic books, and online assessment tools as a means to augment the educational process.
3. The study conducted by Sharma (2021) examines the role of information and communication technology (ICT) in fostering the acquisition and enhancement of skills within the field of commerce education. This paper examines the impact of technology on the development of analytical and financial skills among students pursuing commerce education.
4. The study conducted by Kapoor and Kapoor (2018) centers on instructional approaches in commerce education that are facilitated by information and communication technology (ICT). This study examines the utilization of interactive learning modules, virtual simulations, and digital case studies as tools to augment the effectiveness of teaching and learning processes.
5. The study conducted by Yadav and Yadav (2020) examines the incorporation of information and communication technology (ICT) in the field of e-commerce education, specifically within commerce courses. This study investigates the use of technology in the instruction of e-commerce principles, online company models, and digital marketing tactics.

Research Problem:The role of information technology in developing countries such as India seeks to review commerce education. The education system in India is mixed as students from poor rich and middle-class families study here. Efforts have been made to find out. While information technology is a boon for education, it is very important to know its nuances as the financial burden is increasing.

Research Objective:

1. Studying the role of information technology in the commerce curriculum.
2. To understand the role of information technology, secondary information has been used and studied.
3. To formulate important conclusions based on the secondary information obtained.

Hypothesis:

H0:The use of information technology in India is not increasing in commerce courses in a big way.

H1:The use of information technology in Commerce courses in India is increasing in large numbers.

Research Methodology:This paper seeks to understand the role of information technology in the commerce curriculum. For this purpose, this paper has been created on the basis of only secondary information.

Scope of the study:

Today, you can see the scope of information technology increasing in every educational system. An attempt has been made to understand the role of information technology in the commerce curriculum in India and its scope.

Limitation of the Study:

1. Only secondary information has been used to create this research article.
2. The findings are based only on secondary data.

Conclusion: The significance of Information and Communication Technology (ICT) in commerce education in India is undeniable. The integration of this approach not only facilitates the enrichment of the educational process but also empowers students with the necessary competencies to excel in the contemporary corporate environment. The integration of digital technology into commerce education is congruent with the changing requirements of the commerce industry and equips students with the necessary skills to thrive in a technologically advanced society. The incorporation of Information and Communication Technology (ICT) into the realm of commerce education serves as a testament to the flexibility and ingenuity of the Indian education system, hence equipping commerce students with the necessary tools to thrive in the era of digital advancements.

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