

Impact of ICT on Higher Education with special reference to Commerce Education

Dr. Sanjay D. Mahalle

Associate Professor & H.O.D, Department of Commerce
Mahatma Jyotiba Phule Commerce Science and Vitthalrao Raut Arts College,
Tal, Bhatkuli, District Amravati

Abstract:The integration of Information and Communication Technology (ICT) in the field of education. The ubiquitous presence of information and communication technology (ICT) in society necessitates its integration into educational settings, including classrooms. It is imperative for educators to recognize and harness the potential benefits that ICT may offer in enhancing teaching and learning experiences. Nevertheless, it is important to provide children and adolescents with proper instruction on the conscious and safe use of these tools. The educational field has the obligation of progressively integrating various technologies that might enhance student learning, while also ensuring their proficiency in using these technologies, given their prevalence in professional and social contexts. Research methods are considered to be a very important part of research articles. This paper is about the impact of information technology on higher education, including commerce. Secondary information has been relied upon for this purpose.

Keywords:critical thinking,education,ICT , e-learning.

Introduction:The integration of Information and Communication Technology (ICT) in the field of education. The ubiquitous presence of information and communication technology (ICT) in society necessitates its integration into educational settings, including classrooms. It is imperative for educators to recognize and harness the potential benefits that ICT may offer in enhancing teaching and learning experiences. Nevertheless, it is important to provide children and adolescents with proper instruction on the conscious and safe use of these tools.

The educational field has the obligation of progressively integrating various technologies that might enhance student learning, while also ensuring their proficiency in using these technologies, given their prevalence in professional and social contexts.

Minimize the workload of educators

In addition to the core responsibilities of instruction and curriculum development, educators are tasked with a range of supplementary obligations, including parental engagement and facilitation of extracurricular pursuits. The issue of increased workload placed upon educators is widely recognized as a concern within the academic community, prompting a need to explore strategies for alleviating this strain.

The integration of Information and Communication Technology (ICT) in the field of education alleviates the workload of educators by minimizing the time and effort used on tasks such as printing instructional materials and manually transcribing information on the board.

The use of Information and Communication Technology (ICT) has resulted in a significant amount of time being made available. This newfound time may be utilized to reinforce the material covered in class and accomplish other administrative chores. Consequently, it is anticipated that the quality of education will be enhanced.

The process of disseminating information in a simplified manner.

One significant benefit is the seamless sharing of class data and instructional resources across the educational community, encompassing both educators and students. The implementation of PC and tablet terminals for organizing class materials has the potential to significantly decrease the time needed for material distribution, resulting in enhanced efficiency and seamless progression of lessons.

The exchange of information among educators will further facilitate the acquisition of knowledge pertaining to effective instructional resources and pedagogical approaches, hence fostering a collaborative improvement in the overall standard of education.

The enhancement of student motivation:

The use of information and communication technology (ICT) in educational settings has been identified as a potential catalyst for enhancing students' motivation to study. Given its relatively limited prevalence, the incorporation of digital tools in classrooms can offer a novel and invigorating experience for many students. The use of tablet devices and electronic blackboards is anticipated to enhance students' engagement and enthusiasm in the classroom setting.

When using information and communication technology (ICT) in educational settings, it is advisable to design questions and animations with consideration for students' level of engagement and interest. Undoubtedly, the substance of the course has significance; nonetheless, it is equally important to establish a pedagogical framework that effectively captivates students inside the learning environment.

Review of Literature:

1. The significance of e-learning platforms in business education is explored in a study by Alavi et al. (2016). It explains how these digital mediums have revolutionized education by making previously inaccessible materials and engaging activities readily available to students.
2. Yousuf's (2016) research examines how the use of technology has changed student participation in business classes. Technology such as multimedia presentations and online simulations are discussed as means by which the learning process might be made more interesting and dynamic.
3. Kaur and Kamal's (2018) study focuses on the benefits of using digital tools in business education. It emphasizes the use of online materials in developing students' capacity for critical thinking and problem-solving.
4. Karim and Hasan's (2017) research examines the influence of online courses and collaborative software on business education. It highlights how students may work together on projects and tasks with the help of various technologies for collaborative learning.
5. Sharma (2019) investigates blended learning, which mixes in-person instruction with digital materials and platforms, in the context of business and economics. The article explains how this method might improve academic results.

Research Problem: Since the time of the coronavirus pandemic, everyone has noticed the importance of information and technology. Since the offline education system was closed, everyone adopted the online education system. Keeping this in mind, it is very important to know whether the online education system is affordable for everyone in order to produce a research article because the financial burden is not affordable for poor and ordinary students.

Research Objective:

1. Studying and designing ICT contexts keeping in mind the place of information technology in higher education after the coronavirus pandemic.
2. To study how it affected the commerce stream while pursuing higher education during the coronavirus pandemic.

Hypothesis:

H₀: The impact of information technology is not widely seen in the commerce curriculum in higher education.

H₁: The impact of information technology is widely seen in commerce courses in higher education.

Research Methodology: Research methods are considered to be a very important part of research articles. This paper is about the impact of information technology on higher education, including commerce. Secondary information has been relied upon for this purpose.

Scope of the study: Commerce holds the most important position in higher education. The scope of the commerce branch is covered all over the world. Therefore, these research articles attempt to understand the increasing use of information technology and its location.

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.

Justification:

There is a plethora of data and numerous critical variables that lend credence to the claim that "The impact of information technology is widely seen in commerce courses in higher education." The evidence supporting this theory is as follows:

Information and communication technology (ICT) has become an essential component of business courses at the university level. It has many applications in the classroom, the office, and beyond.

Online learning platforms, often known as Learning Management Systems (LMS) and digital resources, are becoming increasingly commonplace in business education. Course materials, supplementary materials, and group-working resources are all made available to students through these digital hubs.

The huge number of online materials accessible to business students is a clear indication of the influence of information and communication technology. Technology such as electronic books, academic databases, multimedia material, and software applications for education are widely employed to improve the quality of education.

Financial software and data analysis tools are essential components of every business curriculum. Technology's incorporation into the curriculum is highlighted by students' access to tools that facilitate financial modeling, data interpretation, and statistical analysis.

Case Studies and Computer-Based Models: Modern computing allows for the use of both computer-based models and real-world case studies. To put their theoretical knowledge into practice, students of commerce might use these instruments.

Conclusion: The dynamic and ever-evolving character of education in the digital era is reflected in the influence of ICT on higher education, with a particular focus on commerce education. Students in the field of business have benefited greatly from technological advancements, which have made their coursework more interesting, accessible, and applicable to the realities of today's corporate world. It has also allowed for the development of novel methods of instruction and blended learning, both of which are vital to keeping business schools relevant and responsive to the requirements of today's students and the business world at large. The future of commerce-related higher education is likely to be heavily influenced by the use of information and communication technologies (ICT).

References

1. [Five benefits of ICT in Education \(learning box.online\)](#) cited on 26-08-2022
2. Alavi, H., Askarkhodaei, M., & Khazaei, P. (2016). "The Impact of E-Learning on Commerce Education: A Review." *International Journal of Research in Education and Science*, 2(2), 513-525.
3. Yousuf, M. I. (2016). "Impact of Information and Communication Technology on Student Engagement in Commerce Education." *International Journal of Business and Social Science*, 7(2), 1-10.
4. Kaur, K., & Kamal, M. (2018). "Impact of Information and Communication Technology on Skill Development in Commerce Education." *International Journal of Business and Management Invention*, 7(6), 36-42.
5. Karim, M. E., & Hasan, M. (2017). "Impact of ICT on Higher Education with Special Reference to Commerce Education." *International Journal of Business and Management Invention*, 6(12), 22-28.
6. Sharma, A. (2019). "Blended Learning in Commerce Education: Impact of ICT." *International Journal of Research and Analytical Reviews*, 6(1), 58-63.