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Assessing the Impact of Information Technology on Student Learning Experience

Chati Vinay Dattatraya¹ and Dr. Sanoj Singh²

Research Scholar, Department of Mass Communication¹
Associate Professor, Department of Mass Communication²
Sunrise University, Alwar, Rajasthan, India

Abstract: This research paper explores the multifaceted impact of information technology (IT) on the learning experience of students in contemporary educational settings. The integration of IT tools and platforms has transformed the landscape of education, offering unprecedented opportunities and challenges. The paper examines various dimensions of this impact, ranging from the effectiveness of e-learning platforms to the role of digital libraries, data analytics, and mobile applications in shaping student learning experiences. Additionally, it delves into the influence of social media, virtual reality, and cloud computing on collaborative research initiatives and discusses the ethical considerations surrounding the use of IT in academic contexts. Through a comprehensive analysis, this paper aims to provide insights into the evolving dynamics of student learning in the digital age.

Keywords: Educational Technology, E-Learning, Academic Networking

REFERENCES

- [1]. Zainab S G and Mansur B D 2014 Application of ICT in Nigerian Educational System for Achieving Sustainable Development International Letters of Social and Humanistic Sciencespp 62-71
- [2]. Damkor M, Irinyang D J and Haruna M 2015 The Role of Information Communication Technology in Nigeria Educational System International Journal of Research in Humanities and Social Studies (Electronic Materials vol 2) pp 64-68
- [3]. Suleiman A and Steven A K 2018 Review of ICT Implementations for Facilitating Information Flow between Automation in Construction (Electronic Materials vol 86) pp 176-189
- [4]. Aimie R, Graham D and Christine P 2015 Impact of information and communication technology (ICT) on construction projects Org. Technol. Manag. Constr (Electronic Materialsvol 7) pp 1367–1382
- [5]. Richard D and Chris H 2013 Implementing 'Site BIM': a case study of ICT innovation on a large hospital project Autom. Constr. (Electronic Materials vol 30) pp 15–24
- [6]. Mehdi Nourbakhsh 2012 Mobile application prototype for on-site information management inconstruction industry Eng. Constr. Archit. Manag. (Electronic Materials vol 19) pp 474–494
- [7]. Motamedi A 2009 Framework for Lifecycle Management of Facilities Components Doctoral dissertation Concordia University Montreal
- [8]. Majrouhi S S 2013 Developing Rfid-based electronic specimen and test coding system in construction quality management, Iran. J. Sci. Technol. Trans. Civ. Eng. (Electronic Materialsvol 37) pp 469–478
- [9]. Samir El-Omari O M 2008 Integrating 3D laser scanning and photogrammetry Autom. Constr(Electronic Materials vol 18) pp 1–9
- [10]. Sebastian S and Jochen T 2014 Mobile 3D mapping for surveying earthwork projects using an unmanned aerial vehicle (UAV) system Autom. Constr. (Electronic Materials vol 41) pp 1–14
- [11]. Cheng Z, Amin H and Homam B 2019 Collaborative multi-agent systems for construction equipment based on real-time field data capturing J. Inf. Technol. Constr. (Electronic Materials vol 14) pp 204–228
- [12]. Yuan C and John K M 2008 Using mobile computing for construction site information management Eng. Constr. Archit. Manag. (Electronic Materials vol 15) pp 7-20



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- [13]. Gang T, Xiaoqiang Z and Hu F 2012 The design of electric materials management systembased on QR-code Technology and Management for Efficiency pp 1345–1351
- [14]. Jonathan G L 2010 ICT and road transportation safety in the United States: a case of "American exceptionalism" IATSS Research (Electronic Materials vol 34) pp 1–8
- [15]. Tariq B M, Musavir A and Tariq J R 2014 Applications of e-Learning in engineering education: A case study Procedia Social and Behavioral Sciences (Electronic Materials vol123) pp 406 413
- [16]. Banday M 2012 e-Learning in the Web 2.0 World: A Case Study IEEE International conference on Engineering Education Innovative Practices and Future Trends
- [17]. Ede A N, Oshokoya O O, Oluwafemi J O, Oyebisi S O and Olofinnade O M 2018 Structural analysis of a genetic algorithm optimized steel truss structure according to BS 5950 International Journal of Civil Engineering and Technology (Electronic Materials vol 9) pp 358-364
- [18]. Ede A, Williams A, Oni O, Ofuyatan O and Oluwafemi J 2019 Iconic structures: Case study of a historic museum with notable spans designed in concrete in ISEC 2019 10th International Structural Engineering and Construction Conference, Chicago, Illinois, USA.,
- [19]. STR-105-1-6
- [20]. Ede A N, Olofinnade O M and Sodipo J O 2017 Use of building information modelling tools for structural health monitoring in Proceedings of the IEEE International Conference on Computing, Networking and Informatics
- [21]. Potkonjak V, Vukobratovic M, ovanovic K and Medenica M 2010 Virtual Mechatronic/Robotic laboratory A step further in distance learning Computers & Education(Electronic Materials vol 55) pp 465–475
- [22]. Virtudes A and Almeida F 2013 Desafios da reabilittacao urbana no process de planeamento: o patrimono esqueido das aldeias A vieiras A gir Revista Interdisciplinar de Ciencias Sociais e Humans (Electronic Materials vol 51) pp 323-346
- [23]. Agarana M C and Ede A 2016 Free vibration analysis of elastic orthotopic rectangular inclined damped highway supported by pasternak foundation under moving aerodynamic automobile Lecture Notes in Engineering and Computer Science pp 978-981
- [24]. Ede A N and Pascale G 2016 Structural Damage Assessment of FRP Strengthened Reinforced Concrete Beams under Cyclic Loads Materials Science Forum (Electronic Materials vol 866)pp 139-142
- [25]. Ede A N, Bonfiglioli B, Guidotti P G M and Viola E 2004 Dynamic assessment of damage evolution in FRP strengthened RC beams in Proceedings of the International Conference on Restoration, Recycling and Rejuvenation Technology for Engineering and Architecture Application, Cesena, Italy.

