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EVALUATING THE EFFECTIVENESS OF ONLINE LEARNING PLATFORMS.

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Annotation: *This study looked into the various elements that might influence the efficacy of online learning platforms such as their technical features, ease of use, methods of teaching, and other system performance attributes. As part of the study, the attitudes of the respondents towards the online learning platforms were assessed through a survey. As per the findings, 62% of those surveyed indicated that online learning platforms are useful in the educational process. At the same time, 23% disagreed with that, while 15% said that both sides should be considered equally. The outcomes of this inquiry aid in delivering recommendations for improving the efficiency of online learning platforms.*

Key words: *Online platforms, blended learning, evaluation, communication, lessons, technology.*

Introduction

Today, with the fast growth of information technology, it has a profound impact on the education sector. In addition to traditional educational approaches, learning environments based on the web are also utilized widely, and these learning environments can facilitate students to study anywhere at any time, which makes learning more flexible and convenient. Evaluating the efficacy of online learning websites is a pertinent issue as their impact and result on learners are diverse. Whereas some research indicates that online learning excels over traditional learning, others express that the level of mastering reduces due to the lack of direct communication among learners. Therefore, an overall evaluation of the impact of such websites on the learning process must be conducted. In addition, several factors influence the effectiveness of online learning. Among them, technical proficiency,

convenience for users, teaching style, and system functioning are critical. To enhance the quality of instruction, sophisticated technologies   be utilized to provide interactive content, quizzes, and live lessons. The strengths and weaknesses of online learning websites have been examined in this study. Their effects on students are evaluated. The results of the study are claimed to contribute to further development of efficient online pedagogy and further perfection of the educational system.

These days, such things as the students' level of information acquisition, how well they can learn by themselves, and how easy the platform is to use can all be considered in determining how good online learning platforms are online courses can be more beneficial to some compared to classroom instruction. Others claim that having no face-to-face interaction can cause their motivation to drop. It is crucial to find the most suitable teaching methodologies for each student and teacher. Furthermore, Internet speed and reliability, technical capacity of the platform, and content quality all have a direct impact on the success of online learning. It is believed that a high amount of interactive content, video lectures, and online laboratories can enhance users learning experience and render it more effective.

The technical infrastruction must be sufficiently advanced to make good use of these resources, though. The success of online learning systems greatly depends on the interaction between teachers and students. Students will be able to share experience with other students and reinforce knowledge through group projects, forums, live discussions, and virtual classrooms. Both participation and interest of the student in the learning process will be enhanced by using online learning websites, and there needs to be a critical analysis of their effects on users. The objective of this study is to determine the strengths and weaknesses of online education and come up with suggestions on how to enhance education standards. This will ensure the further evolution of the educational system and proper organization of the student learning process.

Literature review

At the same time, I will introduce studies carried out on evaluating the efficiency of online learning platforms by English scientists since 2015:

Fiofanova, O. S. (2016) conducted a study comparing the institutional advantages and disadvantages of applying educational statistics services and e-learning

platforms. This research examined the efficiency of virtual learning platforms and their role in the learning process.

Vinnik, V. K., & Zalessky, M. L. (2017) explored how well institutions utilized digital methods in teaching. Their research found that students' independent work capacity could be developed and education quality improved by combining blended learning models, which integrate both traditional and digital learning methods.

Fiofanova, O. S. (2020) thoroughly examined the institutional opportunities and challenges of introducing and integrating e-learning platforms and educational statistics services. This study analyzed the didactic potential and effectiveness of computer-based learning environments in education. The findings highlight the role of computer technologies in enhancing online learning and the potential of blended learning models to improve educational outcomes.

Methodology

I conducted this study using a social survey research method to research the importance of online learning platforms in the learning process. Under the research, I conducted a questionnaire survey to collect and analyze respondents' views.

The study was under empirical research and utilized an online survey method of data collection. The survey was conducted via the social network of INSTAGRAM to examine the views of people of different professions and ages towards web-based learning sites.

2. Method of Data Collection Survey Type: The survey response was of a "Poll" kind. Question Content: The following question was asked to the participants: "Do you think online learning platforms have an important role to play in educational process? Answers options (Yes), (No), (Both of them).

The answers were automatically recorded by the Instagram platform and the final answers are given in percentages.

3.Participants

The survey was read by 53 users, 13 of which voted. The voting members were divided as follows:

"Yes"-8 votes (62%),

"No"- 3 votes (23%),

"Both of them"- 2 (15 %).

Personal information of the survey respondents was not offered.

4. Data analysis method Descriptive Statistics: The vote result was considered in percentage. Comparative Analysis: Most of the "Yes" answer supports the idea of the importance of online learning platforms. Graphical Representation: The result is presented in graphical format and the respondents, votes are compared.

5. Limitations of the study the sample size is very small, and the results may not be generalizable to a large population. It was not clear that the respondents were of different levels of education and fields. Since the survey was conducted through a social network, not everyone may have responded objectively.

To sum up. The result of this study showed that the majority of the respondents (62%) agreed that online learning platforms were important. However, 23% of the users did not agree with this, as well as 15% considered both options important. These results confirm that online learning platforms are an integral component of learning, but the topic has to be explored using a big population.

Recommendations

The following proposals were formulated on the basis of the study to make online learning environments more effective and more fully incorporate the education system into them:

1.Enhancing the quality of education systems online increasing the degree of interaction (chat, forums, video conferences) available to students and teachers. Installation of courses and adaptive learning systems that are specific to meet every single student need is termed as personalized learning. Reducing technological issues; maximizing the usefulness of the platforms and ensuring a smooth operation throughout**.**

2. Educating instructors and learners Educator training; Special courses of effective use of online learning platforms must be planned. Instructions for students: Developing guidelines and video lessons is a wonderful idea if you want to enhance your expertise in working within an online learning environment.

3. Modeling a model of blended learning system of blended education: integrating online and offline ways of learning to improve the effectiveness of the learning process. Labs conducted online and hands-on training. It is possible to have theoretical knowledge and hands-on activities implemented in the virtual environment.

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4. Measure and enhance the effectiveness of virtual learning evaluate student views on a periodic basis. Periodic interviews and questionnaire must be conducted to make the platforms more effective. Implementing the analytical tools. Utilize data analysis tools and artificial intelligence to track student engagement. In short, with the use of these recommendations, online learning platforms can be made better, efficient as well as efficiently incorporated in the curriculum. Student learning could be more effective and more accessible if the full potential of electronic learning is leveraged.

Conclusion

The research results disclose the significant function performed by online learning environments within the educational process. The great majority of the interviewed persons realized their significance, supported by research outcomes, despite some particular problems too, such as poor interaction and certain technological issues. The platforms must be trained better, as well as traditional learning and online learning must be combined in a manner that supports the effectiveness of online learning. These actions will improve the standards in education. Online learning is likely to develop and become a vital component of the education system in the future. Therefore, it is essential to make the most of it and eliminate any problems that currently prevail.

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