



ACCELERATING EXPANSION OF DIGITALIZED HIGHER EDUCATION SYSTEMS FOR CREATING BETTER LEARNING CONDITIONS WORLDWIDE

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Abstract:

The dramatic growth in digitalization made youth to be surrounded with technological advancements, hence they want these technologies being used in everywhere as they understand them well. This thought is related to classrooms as well, students are willing to have more digitalized classes and creative approach of their instructors, especially at universities this is broadly expanded as undergraduates are aware of using latest innovations.

Therefore, the following research is going to outline how digital classes lead to benefits and what kinds of steps should be taken in order to implement tools to lectures as well as seminars for preventing any barriers that may damage to the process of teaching and learning in higher education system.

Keywords: higher education, digitalization, IoT, technology, education, Pandemic, online learning platforms, digital literacy.

Youth are now surrounded by technical breakthroughs due to the significant increase in digitalization, and because they are familiar with these technologies, they want them to be used everywhere. This idea also relates to the classroom; students want their teachers to be more creative and to use more modern technology. This is especially true in colleges, where undergraduates are more aware of using cutting-edge advancements.

But, older generation, who developed without these types of innovations have faced with issues in adopting digital tools to hold innovative classes. As a result, there were certain barriers put up between students and teachers, which prompted educational institutions to concentrate on putting mechanisms into place to maintain a balance between new, innovative classes and conventional methods of instruction.

Harpreet Kaur Assistant Professor at G. H. G. Institute of Law for Women in Punjab convinced that in the highly linked world of today, technology can improve education when used wisely. It is obvious that there are a lot more advantages. The teacher-student interaction, however, will always be the key to using technology in the





classroom because that is where learning takes place. Technology can be an extremely useful tool, but it is only that because man invented it and not the other way around. The teacher is not intended to be replaced by technology. [1]

According to Kishore G. Kulkarni, Ph.D., Distinguished Professor of Economics we can note that digitization has aided in transmitting education faster, more effectively, and at a cheaper cost, but the difficulties for its future delivery are unclear and somewhat unpredicted. It will be intriguing to watch how we resolve these issues in the future. Our ability to effectively address these issues will determine whether the higher education system succeeds or fails not only in the United States but also globally. [2]

Research is being done on the subject of the digitalized process of higher education system where student can get latest quality education and teachers have better teaching conditions that leads whole system to become superior.

This, in turn, encourages country's economic stability and life conditions to be prosperous.

Thus, over the past 15 years, there has been a significant change in the ways that higher education is taught. While some old guards still employ the outdated "Chalk and Talk" method, it is now quite uncommon for academics to offer lectures without using some form of contemporary technology. Many resources, like "Youtube," "Facebook," "Wikipedia," and "Google," provide a wealth of knowledge on a variety of topics. This has led to the addition of additional teaching alternatives, the development of a wide range of new courses, and an increase in enrolment at numerous academic institutions.

Based on the most recent information from institutions and industry experts, the essay presents theoretical and practical observations and formulates ideas and recommendations for straightforward solutions to issues that many writers of outstanding papers have struggled to address.

Many surveys were held by experts to anticipate the future of education system by checking its current position.

Therefore, one of these studies was about the future condition of today's educational method which is called tradition. 42 founders and executives of education start-ups in Australia, the USA, UK, and Asia, 100 students and recent graduates from universities in 11 different nations throughout Europe, North America, Africa, and Australia, and 26 university leaders from these four countries were polled. Their final opinions were about very low rate of belief on traditional education system.

At least 50% of respondents, including university administrators, students, and EdTech entrepreneurs, believe that the status quo of higher education will change by 2025. One in four students and EdTech entrepreneurs anticipate disruption within





the next two to three years, suggesting that the timeline will be even shorter. Nine out of ten university executives anticipate that the university model will have changed by 2030, despite the fact that institutions anticipate disruption to take longer. All of these predictions are displayed in the graph below. [3]

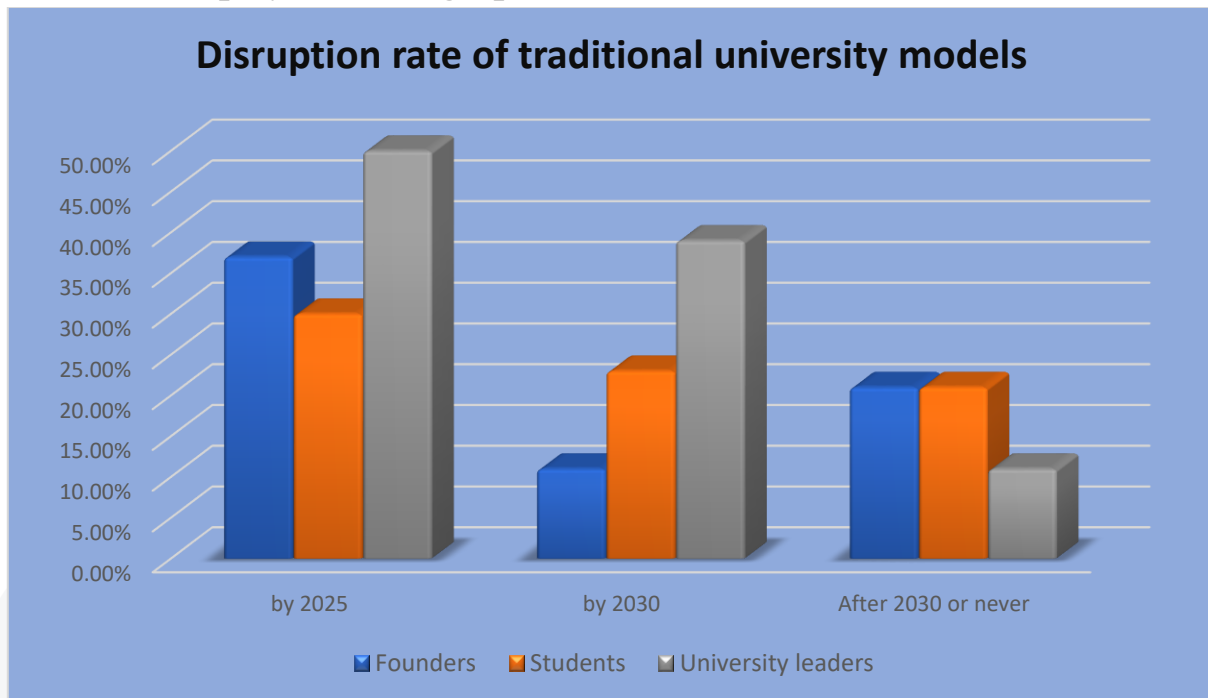


Figure №1. Disruption rate of traditional university models [3]

Therefore, digitalizing higher education and creating an ample of new chances for youth with burning desire of getting as much as possible knowledge must be a significant task for all states and organizations while divergent variety of climate problems are occurring in the world. The only way to success and better solutions are through education and that is why both sides, including learners along with teachers should adjust to new education systems and work harder.

The following steps below can improve education systems which are currently being digitalized:

- Providing access to technology and putting emphasize on digital literacy from younger ages;
- Enhancing teacher-student relations more, while technology cannot fully replace real teachers;
- Hybrid or blended learning, which combines synchronous and asynchronous learning;



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