
TEACHING TRENDS AND CHALLENGES POST-COVID ERA

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ABSTRACT

Covid-19 is a global pandemic that affects many lives all around the world. The pandemic has forced the whole world to a standstill. To prevent the spread of covid-19 all countries adopted the policy of social distancing that causes the lockdown. Lockdown results in slowing the spread of covid-19 as it limited the people's movement, disrupted their daily activities, and institutions adopted the work from a home strategy for all employment sectors. Work from home becomes the new normal way of living. As a result of this all-educational institutions had to switch to online mode. Online education is the normal way of teaching in developed countries but for developing countries like India, it was a big task to handle because India is a highly populated country, and it seems impossible to connect such a vast population online all of sudden. Secondly, people were not fully aware of technology, software, and devices. Despite all these India overcomes all its problems and sets an eminent online education environment for all people. Online education connects students and teachers online but despite all these, there are many challenges in online teaching. In this research paper, we are going to talk about all those problems and suggested solutions to them.

Keywords: Traditional Learning, E-Learning, Online Teaching, Covid-19, Pandemic.

I. INTRODUCTION

The rapid changes and disturbance caused by the striking spread of the COVID-19 pandemic continue to transform teaching and learning experiences and the broader higher education landscape. The robustness of online education, across different factors during the pandemic, have received a considerable pedagogic focus in the higher education literature to date. Institutions' fast-paced move into the blended or hybrid models and the worldwide adoption of digital technologies for course redesigns and pedagogical transformations have given rise to many challenges for both students and academic communities. These discussions have broadly determined the understanding of the impacts of emergency use and integration of online and other types of digitalized learning and there has been, far less scholarly attention devoted to the role that the technology-enabled online course delivery can play in students' perceptions and learning experiences.

II. CORONAVIRUS, E-LEARNING AND PEDAGOGY

The previous year's disruptions and fast adjustments with the aid of using the extraordinary unfold of the COVID-19 pandemic have converted the better schooling landscape. As such, the dynamics of on-line schooling, throughout unique contexts at some point of the pandemic, has acquired a full-size scholarly recognition withinside the better schooling literature to date. The fast-moving flow into the net dimensions of mixed gaining knowledge of and the large adoption of virtual technology for path redesigns and pedagogical transformation have engendered considerable demanding situations for each college students and the instructional community. Gamage, de Silva, and Gunawardhana speak how the COVID-19 pandemic, and the improved use of gaining knowledge of technology to aid online path delivery, have posed demanding situations to educational integrity control and evaluation security. The basic nature of the prevailing takes a look at is exploratory with an unmarried case take a look at approach. The significance of case takes a look at, with inside the context of training research, as a key approach has been formerly acknowledged [6], which gives teachers a number of stories to emerge as organized and greater correctly deal with numerous circumstances. To accumulate records on students' perceptions of on-line studying and coaching activities, we designed and executed a web survey. In this paper, we begin through summarizing the present literature on on-line studying and coaching in better training, virtual era and scholar perception, and COVID-19 and on-line studying and coaching. We then speak techniques with a selected awareness on on-line survey layout and dissemination, which is accompanied through case take a look at evaluation and dialogue of the findings in terms of the important thing subject matters of on-line studying and coaching activities, comments and assessment, and

virtual platforms. The emergence of a variety of studying situations and pedagogical fashions have appreciably knowledgeable practices of online studying and coaching with inside the better schooling context. Nevertheless, a much less addressed undertaking is “now no longer whether online publications will update classrooms, however whether generation will force the remodel of coaching and studying.” Making clean differences among online and on-campus fashions of studying and coaching has been at the leading edge of online schooling discourse. What subject's right here is to recognize a way to great help progressive and collaborative studying and coaching activities, making use of rising educational technology, no matter the medium of delivery.

It is likewise beneficial to recognize what shape of generation—various among on-line recorded lectures, in-constructed assessment, collaborative virtual topics with bendy mastering environments, and faraway simulation —allow a sure pedagogy or converting the prevailing pedagogical version. As Johnson et al. [20] indicate, “truly capitalizing on new generation isn't always enough; the brand-new fashions should use those equipment and offerings to have interaction college students on a deeper level”. This additionally lends itself properly to different researchers' arguments that giving primacy to generation over pedagogy is a barrier to a success generation integration and, indeed, powerful coaching and mastering techniques in better education. Online mastering and coaching can act as complementary to the dynamics concerned in face-to-face mastering. This accords with today's mixed mastering techniques and designs because the maximum famous pedagogical standards and route shipping fashions in better education. As Garrison and Vaughan [24] outline, a mixed mastering surroundings is featured through the combination of fastidiously decided on online and face-to-face strategies and designs in alignment with college students' overall performance and mastering goals of sure coursework. To result in extra powerful mixed mastering and coaching, a multifaceted method is then required. The closing query right here could be to recognize which route shipping version stands because the college students' favored mastering and coaching design—mixed, completely face-to-face, or on-line choices.

III. ONLINE LEARNING OR E-LEARNING

Rapid boost of technology in this field have made distance learning easy.

“Generally, every term (blended learning (BL), on-line learning, computer-mediated learning, web-based learning etc.) have conjoined potential to practice a PC connected to a network, that gives the opportunity to study from any remote location where network can reach, anytime, in any flow, with any means” Online gaining knowledge of may be termed as a device which could make the teaching-gaining knowledge of procedure greater student-centered, greater innovative, or even greater flexible. Web based acquiring information on is portrayed as "acquiring information on examinations in simultaneous or nonconcurrent conditions the use of novel gadgets (e.g., cells, workstations, and so forth) with net access. In those conditions, understudies might be anyplace (autonomous) to investigate and draw in with instructors and different undergraduates. E-Learning a Requisite, No More an Option.

IV. COVID-19 IMPACT

- EdApp's monthly active users grew by more than 320 percent since COVID-19 hit in March 2020. (Source: 2021 EdApp internal data)
- Since the start of the pandemic, COVID-19 health and safety courses made up three of the main five most imported courses and have been utilized to teach large number of students all over the planet. (Source: 2021 EdApp internal data)
- Seventy-four percent of L&D professionals believe skill building is the most critical part of rebuilding for the future, while 62 percent are actively helping employees build the skills they need to stay in the administration.
- Eighty-two percent of decision makers intend to increase digital learning resources as a result of the COVID-19 pandemic.
- According to the Chief Learning Officer 2020 State of the Industry survey, 81 percent of learning leaders plan to adopt new preparing strategies, 70% say their mix of preparing conveyance techniques will change, and 73 percent intend to foster more custom substance because of the pandemic.

- Learning priorities and L&D strategy have changed for 94 percent of organizations in response to the pandemic, with two in three making significant changes to what they do and how they do it. (Source: Fosway Group)

V. IMPACT OF COVID ON ELEARNING

- By 2027, eLearning is expected to reach well over USD \$1 trillion – a 21 percent increase from the \$250 billion it exceeded in 2020.
- The greatest growth drivers in the North American and European eLearning markets are an increasing demand for eLearning from the healthcare sector, a rise in content digitization, and switching from a learning management system (LMS) to cloud-based systems. (Source: Global Market Insights)
- The greatest growth drivers in Asia Pacific and Latin American eLearning markets are growth in higher education sectors, corporations upgrading their existing training programs, and a growing demand for online English courses. (Source: Global Market Insights)
- The greatest growth drivers in the Middle East & African eLearning markets are the rise in government programs and initiatives, and increased access to the Internet and mobile learning.(Source: Global Market Insights)
- Core challenges to eLearning market growth worldwide include the lack of peer-to-peer interaction, slow Internet connectivity and poor network access, and adaptability issues. (Source: Global Market Insights)
- E-Learning can increase knowledge retention by up to 60 percent simply because it is more engaging than a traditional instructor-led training session. (Source: Brandon Hall and Rosenberg 2001)
- E-Learning requires 40 to 60 percent less time from any employee compared to traditional instructor-led training. (Source: Brandon Hall Group HCM Outlook 2017 Survey)
- Forty percent of companies say eLearning has helped them boost revenue levels, and companies that offer eLearning have generated more than 25 percent higher revenue per employee. (Source: eLearning Industry)
- The corporate e-learning market is anticipated to increase by \$38.09 billion between 2020 and 2024. (Source: Business Wire)

VI. MENTAL HEALTH RELATED ISSUES

The Psychological wellness issues related Covid-19 and the verifiable in the writing. Such issues incorporates pressure, tension and misery which happens because of an abrupt change in one's life and uncertainly about what is to come (Rajkumar, 2020; Ronnie et al., 2020; Rossi et al., 2020; Tandon, 2020; Xiong et al., 2020). Learning loss and dropout rates, other harder to quantify factors due to covid-19 cause social and passionate disturbance for overall population and more terrible for understudies (Dorn, 2020). Also, whose family pay or jobs procedure was affected by Coronavirus and its guidelines were viewed as liable to endure from stress, anxiety, and melancholy, which thusly influences inspiration to participate in internet learning (Cao et al., 2020; Imposing et al., 2020; Son et al., 2020; Wu et al., 2020; Zolotov et al., 2020). Among Chinese Studies 24.9% have encountered uneasiness in view of this COVID-19 flare-up (Pragholapati, 2020). Uneasiness was frequently related with having a family member or associate who is diagnosed with a coronavirus (Pragholapati, 2020).

While Covid-19 made dread and other psychological wellness issues among Israeli college understudies, (Zolotov et al. (2020)) further found that students who are mentally impacted gone to substance use in order to cope. This method for dealing with hardship or stress during these troublesome times adversely affects learning.

VII. COVID-19 INDUCED OPPORTUNITIES

Universities which previously used traditional teaching methods to digital world (Ratten, 2020). This means, Universities must develop innovate ways to deliver teaching without compromising quality (Ratten, 2020). Also, new challenges associated with online teaching and learning will create a space for innovative thinking and innovative solutions withing the sector (Bryson & Andres, 2020). It is also argued that due to online teaching and learning, both students and teaching staff will further develop their online communication and interpersonal skills through regular exposure to online platforms (Beech & Anseel, 2020). The Covid-19

outbreak also presented opportunities for new research in a new area, the more use of digital data collection methods and wider expose to virtual dissemination of research results. This provided researchers and academics with new experiences in digital world necessary for their capacity development (Gardner, 2020; Shahzad et al., 2020; Zhu & Liu 2020). Therefore, not all is bad about Covid-19, however, challenges and problems far exceed opportunities.

VIII. CONCLUSION

While Covid-19 has created a lot of problems for advanced education sector, it has been honored that this epidemic has, on a positive side created openings. Similar openings involve new approaches and tools for learning online and capacity development. For case, lockdown enforced as a result of Covid-19 pushed universities which preliminarily used traditional tutoring styles to digital world (Ratten, 2020). This means, universities must develop introduce ways to deliver tutoring without compromising quality (Ratten, 2020). Also, new challenges associated with online tutoring and literacy will create a space for innovative thinking and innovative results withing the sector (Bryson & Andres, 2020). It is also argued that due to online tutoring and literacy, both scholars and tutoring staff will further develop their online communication and interpersonal chops through regular exposure to online platforms (Beech & Anseel, 2020).The Covid-19 outbreak also presented openings for new exploration in a new area, the further use of digital data collection styles and wider expose to virtual dispersion of exploration results. This handed experimenters and academics with new gests in digital world necessary for their capacity development (Gardner, 2020; Shahzad et al., 2020; Zhu & Liu 2020). Thus, not all is bad about Covid-19, still, challenges and problems far exceed openings.

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