



A Study of Emerging Trends in Indian Education System

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Abstract: Education is important for a country like India for its development and economic growth along with social development. It typically comprises under graduate, post graduate degrees as well as pre - doctoral and doctoral programmes. It also plays a key role in producing teachers for the field of education. Therefore it is essential for survival hence; this article gives an insight into the recent trends in the Indian education system, challenges faced by it, and methods to improve it. The study setting is a review and the information is obtained through search engines like Pub Med and Google scholar by searching for keywords and the study was made. In Spite of the significant growth of higher education in the past few years, it is still in a danger zone due to several challenges like the quota system, privatization, etc. Hence, various methods need to be found to improve the higher education system in India.

Keywords: New Trends, Emerging, Education, Teacher Education.

Introduction: A country like India needs education as it plays an important role in social transformation and development. But for it to take place, the new innovations and current trends in the field of education need to be accepted by the people. It is crucial both in terms of Quality and Quantity. A critical evaluation of the system came to India with the appointment of the university education commission, 1948. Educational innovations are emerging in India in order to increase economic growth and to strengthen and protect democratic values of life and also to achieve equality, human rights, women



A Study of ICT Integration in Education for School Teachers

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Abstract: The National Policy on ICT use in schools (2012) envisions effective use of ICT for developing future knowledge workers. Therefore, it makes ICT use in education, instrumental for developing knowledge workers. So as to concretize the idea of "development of knowledge workers" this article refers to relevant literature and draws out from it the competencies defining knowledge workers and the pedagogies that are better suited for the development of the competencies. Thereafter it states that the inadequacies in teacher preparation and limited access to ICT at schools, can although be construed as the primary challenges to the fulfillment of the vision of the national policy, there are more such constraints. Having depicted some of them, it attempts to identify the emerging affordances in the school situation and construes them as opportunities for the vision fulfillment. It infers that along with the challenges the opportunities to merit serious consideration in India for fulfilling the policy vision.

Key words: ICT integration; knowledge construction; constraints; affordances

Introduction: Vision of India's national policy on ICT in schools (2012) is that "the youth is prepared to participate creatively in the establishment, sustenance and growth of knowledge society leading to socioeconomic development of the nation and global competitiveness" (p.3). In order to fulfill the vision, the Policy has many requirements like optimum utilization of ICT for collaborative activities leading to the creation and sharing of localized and digitized resources, the



An Analytical Study of Benefits and Limitations of e-Learning

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Abstract: This paper contributes to the understanding of the learners' perception on the major benefits, limitations of online learning and their impact on evaluating the effectiveness of online programs. The study is based on a self-administered questionnaire with learners enrolled to higher education in private and government universities of Moradabad Region, India. The limitations and benefits identified in online learning offers a positive effect on the evaluation of the effectiveness of online program. Additionally the impact of learning goals and self-efficacy as learner characteristics on the effectiveness of online learning has been explored in this study. Based on prior literatures, learning goal is one of the attributes of self-regulatory aspect which is possessed by successful learners. Learning goal orientation as discussed in this study focuses on intrinsic goal orientation aspects. A causal model is introduced to study the impact of learner characteristics on perceived satisfaction of learners and the impact of benefits, limitations of online learning features on the overall effectiveness of the online learning methods.

Key Words: Online learning, benefits, limitations, effectiveness, learning goals, self efficacy, higher education.

Introduction: Presently higher education in India is experiencing a major transformation in terms of increased accessibility. With technology changing at a rapid rate, innovative ways of obtaining and sharing information, knowledge are being developed and applied to the higher education setting. Educational institutions are offering



Current Trends and Issues in Education and Educational Technology

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Introduction: What are the current trends and issues in educational technology that are heading into our upcoming decade? I am here to give you the inside on things to keep an eye on in 2022 and beyond. We all know that COVID-19 has forced the education industry to be more innovative. However, even before 2019, students already had access to different tech solutions that improved their learning experience and significantly helped with studying. Some of the most favored included and continue to include educational apps, online tutoring, and professional essay writing services platforms where students can buy essays and other papers. The most popular educational technology trends in 2019 were Big Data, Machine Learning, and the Internet of Things, and they had a lead in 2021 as well. However, distance learning has emerged as the dominant trend that governs them all. Students have gradually adjusted to remote learning via digital platforms as a result of social alienation. So, in 2022 and beyond, educational technology trends are being transformed with a strong focus on connectivity, adaptability, and student-centered learning. Everything has a positive and negative side. So, what are the current trends and issues in educational technology? Let's answer this question by reviewing the trends in educational technology 2020 and trends in educational technology 2021.

What is Educational Technology? : The process of facilitating learning and enhancing performance through the creation, implementation, and supervision of appropriate technological



E-Learning in India: Merits and Demerits

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Introduction: E-Learning in India has come a long way with the development of technology. India is one of the nations that is developing at an exponential rate in terms of technology. With a population of more than 1.3 billion, the availability of high-speed internet and smart phones, India has the most number of technologically driven persons. The rise of the internet has changed the way of life in India. People like to do everything online, they shop online, do business online, make friends online, learn online, etc. While e-Commerce is the most significant online industry, online education and learning stand right next to it. With the ever-increasing information available on the internet and the countless number of online courses, many people in India prefer to learn online. By seeing the potential and immense popularity of eLearning development and design digital technology in India, our honorable Prime Minister has envisioned transforming our nation and creating opportunities for all citizens by harnessing digital technologies through "Digital India" initiative.

The initiative comprises of various projects in various areas relating to health, education, labor, employment, etc. As a part of the 'Digital India' project, many colleges and universities offer online correspondence courses. Now let's go through some of the interesting facts about online education in India. E-Learning market in India was worth \$247 million in 2016, which is expected to grow about \$1.96 billion by 2021. That is a compound annual growth rate of 52%. The number of users enrolled for various online learning courses is estimated to be 1.6 million in 2016, which is expected to grow about



E-Learning is Transforming of Education in India

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Introduction: The implications of digitization are also evident in the field of education and have contributed to significant shifts in the way education is taught and consumed. Rotary learning and confidence in written content or book-based learning are quickly becoming a function of the past. Until the end of the last century, India's education system has been working on conventional classroom-based instruction, where students have not been granted the ability to engage in immersive sessions. In order to meet the demands of changing times, it has become important to make ideas simpler and students confident enough to cope internationally. With technology expanding to the education sector, the traditional classroom, once marked by dull hour-long sessions, is now turned into an interesting, fun-filled environment. Digital education has made life easier for both students and educators.

e-Learning is a means of exchanging information across a number of platforms, such as eBooks, CDs, webinars, and more. It also revolutionized the standard form of chalk-and-board learning taught to students. In comparison to this, eLearning makes giving and receiving faster, more prolific, and more profitable. The tutors apply the teaching approach solely by means of the new technologies. Therefore, teaching and learning all become smoother, easier, and more effective.

The Need and Importance of e-Learning: Today's learners are engaged in appropriate, mobile, self-paced, and customized content. This need is satisfied by the online style of learning, where students



Recent Trends of Teacher Education Today's and Tomorrow's

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Abstract: Education is facing significant political and contextual challenges that will impact its future. This study employs a Delphi methodology to investigate teacher educators' views of current trends and their consequences for teacher education futures. Interviews were conducted with a sample of expert teacher educators drawn from eight countries. This provided international perspectives on both local and global trends. The data were analysed to identify and elaborate key themes reported by the participants. The article draws on these themes to develop brief narratives around current developments that the teacher educators argue will have a major impact on the future of teacher education. These narratives are used to develop possible scenarios to inform thinking about teacher education futures.

Keywords: Teacher educators, futures, scenarios, teacher education trends.

Introduction: In many countries there is concern and dissatisfaction with teacher education programs and constant calls for these to change. This paper arose out of a project which sought the views of international expert teacher educators pertaining to the future of teacher education. The paper aims to highlight trends and expectations drawing on varied national contexts. Consideration of these allows us to construct imagined teacher education futures which act as stimuli to inform debate on policy and design. We examined the literature to see what it could tell us about the trends and expectations concerning teacher education across different continents and countries. With few



Role of Artificial Intelligence in Higher Education

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Abstract: This study discussed the potential effects of artificial intelligence on higher education. To achieve this goal, a qualitative research methodology was used by asking an open question on a sample of academics. The results of the analysis showed that there is a decrease in the level of awareness of the mechanisms of applying artificial intelligence, and that there is a need to further spread awareness in The Indian environment on the possibilities of using artificial intelligence applications in education.

Keywords: higher education, artificial intelligence, education's future, educational leadership.

Introduction: Artificial intelligence is one of the most prominent modern applications of information systems as a field of modern knowledge that is interested in studying and understanding the nature of human intelligence and its simulations to create a new generation of smart computers that can be programmed to accomplish many of the tasks that need a high ability of inference, deduction and perception, which are qualities that people enjoy. It is included in the list of smart behaviors. Artificial intelligence applications are important in the fields of life, but they are more important for educational institutions and universities, which represent a great necessity that cannot be dispensed with, as universities today are no longer limited to education, but rather have become an essential part of the system of sustainable development in societies, as it stresses (Morín, 2018). The mission of universities today exceeded the traditional function of preserving heritage, identity and education. Rather, universities today