Role Of Technology In Rising Education Sector

Technology and education are two aspects; if combined, they can do wonders for our humankind, with a reasonable belief of a future utopian society.

Technology is now an integral part of our lives. It has made everything available with a few clicks. There is currently no need to devote ample time to get groceries or students to stand in line to pay their college fees. Technology has taken over and made these and many other aspects efficient and easily accessible.

The incorporation of technology is flourishing in many sectors and a dream for many. For a long time, blending technology and education to make a perfect mix is continued, and numerous of them were successful. It has helped students learn better and quicker through audio and visual support and physically challenged students to overcome the barriers.

Technology and education are two aspects; if combined, they can do wonders for our humankind, with a reasonable belief of a future utopian society. Traditional education focuses more on cramming and rote memory and lesson learning.

But this blend will enable students to learn the concept better, grasp it quickly and know about its practical application.

How technology can improve the learning process

- While teaching, tutors should use audio & visual support, virtual 3D models, experiment videos, and interactive games for a better and engaging learning experience.

- Regular use of technology will enable them to denote this as fundamental and motivate them to advance technologically.

- Teachers can use online forums to know about their students, interactions and share relative information with them.

- Schools can collaborate with Ed-tech platforms to get the best teachers for crash course preparation, personality development, hobby groups and honing students' skills.

The blend of technology with education is still a debatable topic between the traditionalists and the radicals, but, pandemic made us realize how important is technology in our daily life. The effort for a successful blend has been tried by many, but the solution either lacks quality or is not cost-effective.

Technology will enhance the effect of education on us and will also bestow us with the power of applicable knowledge thus removing the stereotypes of either action-oriented or intellectual personality traits.

To curb the shortage of teachers and lack of quality education in public schools, government should partner with private schools in order to broadcast their content thus giving financially challenged students an equal opportunity to learn and perform.

Private schools can also set up their branches in a remote location as a part of their corporate social responsibility and use distance learning so thought they can function at low cost and provide quality education at very low cost.

As the current generation is growing they are mainly using technology for entertainment purposes, but if this kind of effort is put into education and learning, it will help many students study without any constraints and knowledge will not be dependent on the mighty Rupee.

Link:http://bweducation.businessworld.in/article/Role-Of-Technology-In-Rising-Education-Sector-/07-04-2021-385824/

Reinventing for the digital era

For many years, the digital realm was viewed as a shrine of recreational activities for Gen Y. Spending time on social networking sites or even being online was mostly about lazing away hours during leisure time. Fast forward, things are not the same now.

Digital world has become the mainstay and with the new normal that the pandemic has brought with it, digital platforms are here to stay. They are the source of news, education and earnings, and so imbibing the digital skills has gained significance like never before.

IT sector on growth mode

As per NASSCOM, an Indian non-governmental trade association, information technology (IT) is the only sector which has added jobs in the recent times. Hence, for an enduring career, it is imperative for every

individual to develop IT skills.

So, parents and teachers want their children to be well aware of the ropes and tricks of the digital world. Today, it isn't just about a student trying to master one subject but also about having multitasking skills. No matter what the job role is, students will need to be well-versed in digital skills such as data literacy, data science, data engineering and have expertise in areas of artificial intelligence (AI) and machine learning. With all operations and processes moving online, data has become the backbone of our workplaces and lives.

In fact, learning digital skills will not only aid students in adapting to the fast-evolving workplace but will also open up unexplored avenues. Gartner, a global research company, predicts that around 40% of infrastructure and operations teams in large enterprises will adopt AI-augmented automation for increased productivity by the year 2023. Also, 80% of enterprise IoT projects will include artificial intelligence in some form by the year 2022.

So, jobs in software and IT, digital marketing, and financial analysis are expected see a huge surge.

Courses in demand

With this increased focus on technology and digitalisation in employment, universities and other centres of higher education too are working towards offering courses that are more flexible and relevant to the current situation. Programmes such as cyber security, data science, communication and computer engineering are some areas of learning that are gaining pace.

Not just IT-related courses, the curriculum of all courses has seen a makeover with a thrust on technology usage. Even research scholars are taking up courses to learn using digital research tools as it is important to develop an aptitude for technology in this digitally-transformed world.

Now it is not only about students learning, but unlearning, and readjusting to situations.

AICTE amends guidelines to start full-fledged ODL, online courses

The All India Council for Technical Education (AICTE) has made further amendments to its Open and Distance Learning (ODL) Education and Online New Education Guidelines, 2021, which was released recently.

Before the new guidelines, the online distance education mode was only for limited programmes and that too in few institutions. Now, institutions can

offer many full-fledged courses through online mode.

Till now, all higher education institutions – standalone institutions, institutions deemed to be universities and universities – were permitted to conduct ODL and online courses. Now, only those institutions with a National Assessment and Accreditation Council (NAAC) score of 3.26 or are ranked in the top-100 in the university category of National Institutional Ranking Framework (NIRF) would be permitted to start full-fledged ODL courses or online courses in the field of management and allied areas, computer applications, artificial intelligence and data science, logistics and travel and tourism without prior approval of the council.

Earlier, institutions that have been in existence for a minimum of five years were allowed to start ODL education. Under the amended guidelines, universities that had at least two batches passed out can introduce the programmes. These institutions should register on the AICTE portal and submit all relevant data regarding faculty, students and affidavit annually.

Previously, an institute could enrol a maximum of three times the sanctioned intake of specific programme in conventional or regular mode. As per the new guidelines, the approved intake for ODL and online programmes should get permission from the University Grants Commission (UGC) for intake specifications from time to time.

AICTE sources added that the amended guidelines to start ODL and online courses would come into force on the date of their publication in the official gazette.

Linkhttps://www.dtnext.in/News/TamilNadu/2021/04/24022415/1289716/AICTE-amends-guidelines-to-start-fullfledged-ODL-online-.vpf

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