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Engage Excellence

Can Education Move To Online Platforms Completely After Pandemic?

The National Education Policy, 2020 brought in by the ministry education is radical in every sense. While the strategy points on numerous characteristics, comprising the necessity for initial childhood care, entire education and revamping of the latter curriculum, an intrinsic thread that runs through the policy is the interplay of education and technology.

Through the previous decade, India has renovated itself into an 'information-intensive society' and there is a thriving provision to grasp the procedure of technology in the region of education.

In this respect, the policy notes that one of the central principles steering the education system will be the 'extensive use of technology in teaching and learning, removing language barriers, increasing access as well as education planning and management'.

Online education after pandemic

According to Dr Anil Sahasrabudhe, chairman, All India Council for Technical Education chairman (AICTE), the pandemic has forced people to adopt online education system who probably knew about it before but never strived to use it or learn how to use it.

On the issue of handling students in virtual classes, he said the blended mode of learning is different from offline or real classes.

With offline learning, students are compelled to transit to the training location, normally a lecture hall, college or classroom. With online learning, coaching can be supervised from practically anywhere in the world.

Participants simply need to log on to the Internet from their residence, work or even their local coffee shop.

Next distinction is the flexibility delivered. Online knowledge usually has further creative timescale.

Besides these two differences, the benefits of learning online or offline are practically the same. Online qualifications are just as internationally recognized as offline ones and the standards of learning are also identical.

Benefits of online vs offline learning

Although online learning has become the preferred method for the majority of learners, it's important not to dismiss the benefits of offline training too

With online training courses, you and the course attendees benefit from a more casual, flexible approach. Being unrestricted regarding location and times means every learner can benefit from the courses.

With offline learning, it's simpler to assure attendees are spending attention to the training. Some learners also find it easier to maintain the proficiency and abilities they've learnt through offline exercise than they do with online exercise.

Online Learning is far less costly, more convenient and flexible, but one major thing to mention is the lack of social interactions online.

IonIdea addresses this issue with its versatile Learning Management Solution (IonLMS) which is OBE/CBE enabled for content delivery, sharing, assignment and assessment conduction to completely and continuously monitor the progress of each student and allows student to learn in his/her own pace paving way to enhanced productivity in teaching and learning activity.

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AICTE approves courses in AI, robotics in colleges for 2021-2022

The All India Council for Technical Education (AICTE) has allowed its engineering colleges to offer courses in emerging fields such as artificial intelligence, robotics, machine learning and more from the academic year 2021-22. AICTE announced this in a circular dated October 29.

The council has sought a list of the new courses from institutions that were already offering them from 2020-21, and will add them to the AICTE's approval handbook from next year.

Once done, the new curriculum will become official, enabling more colleges to offer the courses to students, The Print reported.

The AICTE circular also notes: "It is seen that during the approval process 2020-21, many institutions have made use of this opportunity for introduction of new courses in the emerging disciplines approved by the council. We all understand that the introduction of more number of new courses in emerging areas or Interdisciplinary Courses would help the student community in their goal of employability or entrepreneurship and this is also stated in the new National Education Policy 2020."

The idea to introduce the new courses is in line with the 2020 National Education Policy (NEP) to make students employment-ready.

NEP observed that these courses will help students to keep up with the changing times and global demands: "India must also take the lead in preparing professionals in cutting-edge areas that are fast gaining prominence, such as Artificial Intelligence (AI), 3-D machining, big data analysis, and machine learning, in addition to genomic studies, biotechnology, nanotechnology, neuroscience, with important applications to health, environment, and sustainable living that will be woven into undergraduate education for enhancing the employability of the youth."

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How the independent education sector is a major source of employment in India

In India, too, the 'new-age' education system is preparing itself for the learning needs and challenges of enterprise 4.0. The penetration of digital education into the hinterland/rural market is evolving fast, and the proliferation of digital tools and applications has further transformed the learning communication practices.

It has a re-defined teacher-learner interface, training pedagogies, instructional design, and educational curriculum. Educational institutions play a significant role in the development of a child, society, nation, and the world at large. It has always been found that developed and strong developing are backed up and supported by robust education systems.

Education landscape under transformation

The global educational landscape is undergoing a dramatic transformation wherein many educational institutions and training centers have transitioned towards the online mode of teaching, learning, and training to

mitigate the impact of the coronavirus on education.

At a very basic estimate, in India, about 64.3 percent of the colleges are private unaided. A majority of the colleges in India are privately managed with or without receiving financial/non-financial aid from the government. Unaided Private Colleges in the country provide direct employment to millions of people that comprise teaching, non-teaching, and support staff. This translates into livelihood to 12-15 crores citizens of the country, making education one of the top 5 employment providers in the country.

Roadmap of independent education institutions

The roadmap of independent education institutions (rather all the educational institutions) is up for a drastic change post-pandemic. The new-age format calls for measures that encourage the transition from rigid campus and attendance-based systems and will move on to:

Online education will eventually become an integral component of school education. A blend of face-to-face and on-line forms of teaching will emerge with significant benefits where the online component can be delivered through both synchronous and asynchronous modes and will enable students to learn at different times in different locations.

AI will personalize learning Artificial Intelligence will bring many opportunities and challenges to the sector. The traditional 'one-size-fits-all' approach to education will be ineffective and lead to higher dropout rates. But if utilized properly, big data analytics and artificial intelligence will create personalized learning experiences that will help in resolving some of these challenges and will majorly contribute to decreasing the rate of dropout rates.

Examination and grading Modern Technology will offload teachers from the burden of paper evaluation, assessment, markings, etc. With these tasks taken care of by AI, Teachers will be able to pay more attention to relevant tasks like new teaching pedagogies, course improvement, aptitude development, curriculum innovation, etc.

IonEDUCATION Products:

IonIdea (www.ionidea.com) has 95+ esteemed clients including universities, autonomous colleges, affiliated colleges in India and Malaysia for IonEducation Solutions! Thanks to all our mentors, domain partners, international advisers for helping our solutions to mature and meet the needs of higher education institutions. It has been a great journey for IonIdea since 2007 when autonomy began in Karnataka. Since then, we have added several innovative solutions to our portfolio in the areas such as Examination management ERP (with result processing addressing all the exceptions), Scanning & digitizing entire valuation

process, Automation of end-to-end Outcome Based Education System (OBE SAR) to help accreditation process etc. In OBE & accreditation, our solution supports the process and SAR of all types of programs such as Engineering UG / PG (Tier 1 & II), Polytechnic, Pharmacy, MBA, MCA, Architecture etc.
For more details, please write an email to edu@ionidea.com

IonCUDOS© (Outcome Based Education Software)

Integrates Curriculum Design, Delivery Planning, Assessment Planning and Attainment of Course Outcomes (COs), Program Outcomes (POs) through direct and indirect measures. Helps in institutionalizing outcome-based education by reducing the faculty workload, effort and time significantly.

IonEMS (Exam Management System)

Automates entire Student Lifecycle activities from Admission to graduation producing versatile reports required for Universities, Autonomous Colleges, Higher Educational Institutions and other Governing Bodies.

IonDVS© (Digital Valuation System)

Fair, Transparent, Innovative, Robust Evaluation platform which automates the entire Evaluation of Answer scripts reducing the Cost, time involved in result processing and Provides versatile reports, real-time analysis of evaluator, Evaluation, and posts evaluation data for Post Examination Data Processing like Result processing, Grading and OBE in a secured Manner.

IonLMS (Learning Management System)

OBE enabled Learning Management System is a comprehensive system to enhance Teaching Learning Activity to achieve excellence in academics through Teacher & Student Success. Students can learn at their own pace through versatile Web and mobile based applications with teacher monitoring the progress of each individual student and their contributions towards the course.

IonEXAM

A remote Examination Solution which is a simple to use and efficient solution to assess students remotely with the safety of students and staff on top priority. The solution is customizable and meet all implicit and non-functional needs such as security, scalability, reliability, browser compatibility, user experience etc..

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