



E-LEARNING TECHNOLOGIES & LMS TOOLS IN THE PRESENT ERA OF PANDEMIC USED BY PUBLIC & PRIVATE SECTORS IN THE FIELD OF EDUCATION-A LITERATURE REVIEW”

Information Technology

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ABSTRACT

In the present scenario the Schools, Colleges & Universities should undergo a transformation in the E-learning technologies to meet the needs of young generation. The concentration should be towards influencing and enabling the e-learning education of the young generation and arousing their interest pertinent to generating a suitable career option.

KEYWORDS

Introduction:

In India for educators in the Public & Private sectors in the present era of Pandemic students were not easily approachable. Many students have gone back to their villages when the lockdown started. Hence the educators find it very difficult to contact the students and the educators were worried about these issues.

Educators have to come up with new routines, negotiation of time with students. However, after the initial work and getting used to, the educators become comfortable with the new routine. Educators have learned ways to use Zoom App, Conduct Google Meet, Web Ex Meet, Google Classroom etc. Educators were forced to come up with Innovative solutions in E-Learning.

E-Learning Platform:

E-learning industry is in a revolution. Today's e-learning tools create learning experiences we could only dream of. Top E-learning technologies in the present era of Pandemic are Cloud based development tools, Wearable Technology, Virtual Reality Eyewear, Automated Development Platform & Training Telepresence.

1. Cloud based Development tools: It gives access to content accessible from any location. It also gives a provision for Advanced Encryption and data security.
2. Wearable Technology: such as smart watches and technology can incorporate wide range of online training applications.
3. Virtual Reality Eye-wear: It is likely to integrate into corporate training and on-site training becomes virtual.
4. Automated Development Platform: It gives a dramatic shift to e-learning design. Course development tools offer pre-made interactions, graphics & templates. Content delivery platform evaluate learners and automatically tailor their experience to suit them.
5. Training Telepresence: Allows online learners to feel as though they are in the same room even though they are in the different parts of the world. When Telepresence combined with Virtual Reality, completely immersive virtual meetings will be possible.



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Learning Management System (LMS):

In LMS; L stands for Learning because you use it to deliver education courses; M stands for Management because it helps you organise these

courses and S stands for System because LMS is a computer system.

It is a software that helps you to create, manage and deliver learning courses. Just like email helps you to send mails; LMS is used by Government agencies and local governments. It is also used by Schools, Universities, Colleges, Online & E-learning.

In LMS you can create a E-learning course by writing or importing content. We can do it inside the LMS or import materials from various sources like word document, Powerpoint, Wikipedia.

Usage of LMS:

LMS helps to organise the course, delivery to students and monitoring whether you were dealing with 10 or 10,000 students. An LMS gives you automated and quick access to grades, records, stats.

LMS reduces expenses like Classroom rental, Transport & Accommodation, Instructors Salary, Learning material print outs. The right LMS helps to save time, set unified learning standards and access and develop employees knowledge regularly.

Applications of LMS:

It is a web-based system that helps you automate employee training. With an LMS you can gather all your learning materials in one place and make them available to all the learners in one click. You can create a different group of learners according to their function or job position. Now we can assign them a single course or test or a whole series of materials called learning path, and easily track each learners progress to encourage the leaders and help your team develop faster.

A wide range of organisations from high schools to large corporations can benefit from using Learning Management system.

CANVAS

Canvas is the LMS that makes teaching, learning, implementation, customer support, student success and bragging to your non-canvas using Peers. Canvas provides helpful strategies to users to meet the needs of their learners. It helps to move a course online Canvas helps to publish course with syllabus, Edit the Syllabus (add pictures, contact information), add assignments and events with calendar.

RENDERFOREST

Using Renderforest you can make Educational Presentation, Kinetic Typography, Slide show, Explainer Animation, Stock Footage video, Promotional Animation, Corporate Presentation, Special Event Video, Educational Presentation,

Conclusion:

COVID-19 Pandemic led to digital transformation in the society. Pandemic forced us for a digital leap in life and practices to a remote place digitalisation. This enabled the transformation of Traditional Class room approach to an E-based approach. Entire generation have to start mastering the digital technology & tools to participate in the education process. Teachers have exhibited Creativity, Perseverance & Resilience in the era of Pandemic. E-Learning Technologies enable students to master and manage the digital futures. We should also come up with Innovative applications of E-learning Technologies to facilitate the Public & Private Sectors in the field of Education.

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