

**UNDERSTANDING THE ESSENCE OF E-LEARNING AND KNOWLEDGE OF ITS
IMPLEMENTATION ON ACADEMIC PERFORMANCE OF STUDENTS.**

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Abstract

Learning through electronic technologies is known as e-learning. With the rapid utilization of e-learning systems round the globe, assessing the success and impact of such systems is becoming progressively vital. Though this concept is still vague to learners in India. The purpose of this paper is to study about e-learning. Also, it'll study the impact e-learning on tutorial performance of scholars. A questionnaire was prepared and the results were concluded. The study finds that e-learning is potentially better than traditional learning and efforts are needed to craft for its way for revolution of education in India.

Key Words- e-Learning, traditional learning, education.

Introduction

E- Learning refers to learning using electronic technologies. Electronic enabled learning or on-line education helps folks to get access to a world class learning expertise though; for ancient instruction it might not be of potential because of financial, private or the other constraints. India is a home to 133 crores of people. The vigor of any country lies in its population. Thus, India can be made a home to latest trend of electronic based learning which is being used by the developed countries from an awfully extended amount.

Being the second largest country in the world in terms of population, India has enormous potential for e- learning. The major rising trends of electronic learning are:

- Distance education – communicating, radio, television
- Open Education Means
- Automated Course Authoring
- Massive Open on-line Courses

Review of Literature

According to Richard and Haya(2009), web has become vital to create means for analysis and learning. Also, it has become a tool for academicians and students to share and acquire facts and figures.

According to research of FLaurillard's(2006), electronic learning is a modern technology or the use of learning or learners' support.

G. PankajJain encourages on AI-based knowledge for the students for assessing the concepts on all topics.

According to Rhys Gwyn (ed.) (1986) in his research focuses on teaching and learning with the latest technologies.

Gilroy, K. (2001) states that collaborative learning is the right way, where students will be able to interact with the other students thus they can develop information in a particular subject.

Objectives of Research

1. To comprehend the notion of electronic learning and its types.
2. To know the challenges faced by e- learning in India
3. To know about advantages of e-learning in India.
4. To know effects of electronic learning on educational performance of students

Research Methodology:

Primary Data has been collected from questionnaire that was given to students, and the results were assessed.

Secondary Data has been gathered from research papers, articles, journals and newspapers.

Types of E- learning:

E-learning makes it possible for the learners to acquire knowledge anytime and anyplace. It permits the learners to get perfect knowledge about a topic and also helps the learners in solving any problems or queries regarding a subject. The different types of E-learning are :

1. Synchronous
2. Asynchronous

Synchronous: Synchronous e-learning is real time learning. It requires both the learner and the teacher to be present at the given time. Participants act with one another and instructors through instant electronic messaging, chat, audio and video conferencing etc. All the session can be

recorded and played back. It offer various benefits such as tracking of learned activities, Continuous watching and correction is feasible, possibilities of collaborative learning and the most important advantage is to personalize the coaching for every learner.

Asynchronous: It means “not at same time” .Also a disruption and resume method. Throughout this kind of e learning the instructor and learner need not to be involved in live interactions. It uses technology such as email, blogs, discussion forums, e books, etc.In fact, many learners like asynchronous instead of synchronous learning because of many benefits it offers like uniformity of content, availability of ‘just in time’ for fast learning and reference, elasticity of access from any place anytime and ability to reach many learners simultaneously.

Disadvantages of e-learning

Requires Self-Discipline-Unengaged students could be a challenge as the activities of the students studying online cannot be monitored so they are forced to become more self-discipline

Plagiarism- Students can potentially copy the assignments using online sources since they are not being monitored all the times.

Cheating- Keeping in mind the separation of physical contact it is easier for folks to cheat in online exams.

Isolation- Absence of physical presence in a classroom makes it hard and tricky to get in touch with other students.

Modular support- Majority of the e-learning course is built around idea of modules that one bear from start to finish. This usually makes it troublesome if all one would like is one specific piece of knowledge that's somewhere within the middle of the module.

Non-Availability of an appropriate e-learning package – An applicable e-learning package might not be available. It leaves one with selection of a custom built package or reverting to conventional training, for example, A wide variety of IT coaching courses are available however there's abundant less within the market once it involves coaching in social skills.

Advantages of e-learning:

Saves time and money – This one is quite well known, and a staple of any nicely-done e gaining knowledge of the program. It eliminates the need for travel and desire to study

Decline of the Carbon Footprint – With the aid of leveraging electronic gaining of knowledge the requirement of printing out paper for tests is reduced certainly.

Flexible – the usage of e gaining knowledge of, you may deliver employees and students the liberty to study at their convenience, and at a tempo, this is proper for them. The workforce may be educated in faraway places and a constant style as all people receiving on-website online education.

E-learning is consistent-In face-to-face periods, every trainer has his or her way of teaching. Each varies in approach and fashion and is at risk of errors. You can remove these troubles with e-learning to know. It gives regular and standardized education whenever. Every learner goes through the same enjoy no matter while and in which she or he takes the path.

E-learning is scalable -E learning is scalable. One may roll it out to as many personnel you want and is a one-time funding. The more learners take the route, the quicker you may write off the fee.

Findings

A questionnaire-based study was conducted; a total of 251 participants undertook the survey. Among the students who participated in the survey,43% were females and 56% were males.

Do you prefer e- learning over conventional teaching methods?

	Frequency	Percentage
No	47	18.7
Yes	204	81.3
Total	251	100.0

Comments: More than 80% of the students favored e-learning to the traditional learning.

What types of e-learning methods do you prefer?

	Frequency	Percentage
Interactive	165	65.7
Stimulation	27	10.8
Text driven	59	23.5
Total	251	100.0

Comments: Maximum number of participants that is 65% of the students preferred interactive e-learning over preferred text driven e-learning and stimulation.

Do you think your academic performance has improved?

	Frequency	Percent
No	8	3.2
Somewhat	121	48.2
Yes	122	48.6
Total	251	100.0

Comments: Only 8% of the students claimed that their academic performance has not improved as a result of e-learning. However 48% believe that performance has somewhat improved.

Does e-learning systems enhance your awareness of the requirement of educational processes?

	Frequency	Percent
STRONGLY AGREE	54	21.5
AGREE	44	17.5
NEUTRAL	78	31.1
DISAGREE	46	18.3
STRONGLY AGREE	29	11.6
Total	251	100.0

Comments: 31% of the participants are neutral that e – learning enhances their awareness of the requirement of educational processes.

Are you satisfied with the experiences of using e-learning systems?

	Frequency	Percentage
Strongly Dissatisfied	14	5.6
Dissatisfied	35	13.9
neutral	85	33.9
satisfied	60	23.9
Strongly satisfied	57	22.7
Total	251	100.0

Comments: 33 % of the students are neutral with the experiences of using e-learning systems

Do you think the e-learning course is a better path for the future of Indian education?

	Frequency	Percentage
Maybe	108	43.0
No	5	2.0
Yes	138	55.0

Total	251	100.0
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Comments: More than 50% of the students believe that the e-learning course is a better path for the future of Indian education

Conclusion

This paper reports on the impacts of an e-learning system on students in India. This paper indicates that students prefer e-learning over the traditional learning. The findings recommend that it's going to be vital to integrate interactive tutorial video into e-learning systems. The analysis of the results show that e – learning has increased the ability of the students to interpret the information accurately thereby improving the academic performance of the students .However, majority of the participant are neutral that e – learning enhances their awareness of the requirement of educational processes and their experiences of using e- learning system. Finally, this paper states that more efforts are needed to craft for its improved path for the education in India.

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