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E-LEARNING: PROCESSES AND POLICIES

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One of the most exuberant features of the modern world is the ease of using different means of technology and soft transactions. These could be of any type and manner for example, communication via text messages, sending and receiving of electronic media files, banking transactions, etc. Robotic operations too fall under this category for the reason that it is the internet based connectivity and high end computers that help a robotic hand perform a surgery and it is also supported by super-computing chips that analyse the data in real time so that precision can be maintained for faultless results. All this is made possible only because of the electronic devices and operations processed through it. There is a new avenue in case of educational sector too and that is e-learning in schools, colleges and almost every academic institutions. The formal ways of teaching learning shall soon become a thing of past when these processes take complete control of development and delivery of content, may of any type. In case of merchantile operations, the global market follows some processes and they are monitored by several devices around an operator. Rejecting the threats involved in the process, there is no returning from the current scenario now.

E-learning can best be characterized as the study of learning without utilizing paper printed instructional material. E-learning is the utilization of media transmission innovation to convey data for instruction and preparing. With the advancement of data and correspondence innovation improvement, E-learning is developing as the worldview of current training. The incredible favorable circumstances of E-learning incorporate freeing associations among students and teachers, from restrictions of existence through the non-concurrent and synchronous learning system model. E-learning is normally alluded to the purposeful utilization of arranged data and correspondences innovation in educating and learning. Various different terms are likewise used



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to portray this method of educating and learning. They incorporate web based learning, virtual learning, conveyed learning, system and electronic learning. The term E-learning involves significantly more than web based learning.

E-learning can be a ground-breaking and financially savvy option in contrast to study hall preparing. E-learning gives us the benefit of round the clock availability of resources for permanent unless the record is deleted or removed from the source platform. Elearning is financially savvy as course content once created could be effectively altered in future, utilized for instructing and preparing. In case of teacher assisted/controlled learning, it serves a greater purpose of saving costs of printing, paper, framework, power, preparing material, stationary, travel, dwelling, etc. and a few different expenses related with it. One preferred position of ILT over E-learning is the physical nearness of teacher in a homeroom, who can understand the inquiries of understudies in a split of second. E-learning gives weaker students to learn at their own speed.

In E-learning understudy can realize what is significant and can avoid pointless data also. In the wake of thinking about every one of these elements, it tends to be said that E-learning is much better, modest and student amicable method for learning when contrasted with the good old methods. E-learning is still in a beginning period with numerous dubious issues to be explained and explored. There are numerous elements conceivably affecting E-learning adequacy, for example, media qualities, learning setting, innovation, and student attributes. While it is periodically shown that E-learning can be at any rate as successful compared to customary classroom learning under specific circumstances, we are not in a situation to guarantee that E-learning can supplant conventional classroom learning.

Learning is for the most part a socio-psychological action. A few weaker students feel exhausted or threatened before a computer or whatever gadgets are used for this purpose. Other significant issues in E-learning must likewise be thought over. Issues of trust, approval, privacy, and individual obligation must be settled. Proprietors of protected innovation ought to be appropriately redressed. Security on the Internet is a developing test, basically because of the open access by the general population to this all inclusive system. Likewise, since media materials are vigorously utilized in E-learning frameworks, a high-transmission capacity arrangement is a fundamental prerequisite for effective substance. By and large but, E-learning is a promising option in contrast to customary classroom learning, which is particularly helpful to



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remote and long lasting learning and preparing. Much of the time, E-learning can fundamentally supplement classroom learning.

E-learning will continue developing as a basic piece of scholastic and expert instruction. Endeavors should keep on investigating how to make additionally engaging and viable web based learning conditions.

In the previous not many years, E-learning has risen as a promising answer for deep rooted learning and hands on work power preparing. E-learning can be characterized as innovation based learning in which learning materials are conveyed electronically to remote students by means of a network arrangements such as internet. Successful and effective preparing strategies are significant to organizations to guarantee that workers and channel accomplices are furnished with the most recent data and propelled aptitudes. Hurrying to fill this need, a huge number of online courses, including degree and authentication programs are currently being offered by colleges around the world.

A favorable position Elearning has over ILT is that it very well may be created and conveyed a lot quicker and can be utilized simultaneously by an enormous populace spread all through the world. It can likewise be taken by the students when it is advantageous for them and they can explore through the course to see content that relates to their need.

With E-learning courses, a student can channel through the course and take part just in the area that is significant to his present position. This spares the student's and the organization's time and cost. Most E-learning clients have immediately perceived first level advantages, including diminished expenses for movement, client service, HR overhead, and administrative consistence and in the end second-level advantages.

E-learning has a favorable position in almost every zone, including effectiveness and speed. Moreover, E-learning has a speed advantage by having the option to arrive at countless students in a shorter time. E-learning can empower quicker access to information at precisely the point in time it is required. Anytime, anyplace, anybody including workers can get to preparing when it is helpful to them, at home or in the workplace.



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Offering preparing through an E-learning group gives numerous points of interest to students. Obviously, a few courses might be more qualified for a mixed learning approach yet in general E-learning has matchless quality over classroom teaching-learning process. The crux of the idea of E-learning is getting well known nowadays, various institutions are offering degree and certificate programs through E-learning mode. Numerous large organizations are putting resources into Elearning and setting up their intuitive study halls like Reliance and Tata.

Let's have a look at the most significant issues that help for successful e-learning:

- a. Pedagogy should match and be aligned with appropriate curriculum via clear objectives; content relevance; student activity appropriateness and nature of the assessment.
- b. Pedagogy should include practice seen regarding different types/range of achievement and physical disabilities which can be specifically supported by e-learning.
- c. Learners should be engaged and motivated by pedagogy
- d. The reason of learning technologies rather than non-technological approach leadings to similar end used should be evident. e-learning should suit specific purposes as per the geographic conditions also.
- e. Pedagogy should ensure formative assessment.
- f. Coherence, Consistency & Transparency: Student activity and assessment should match each other and pedagogy should be internally coherent/consistent in matching objectives and content.
- g. e-learning should ensure ease of use and transparency.
- h. Technology solutions should be justifiable /affordable with sustainable costs.

A good plan for facilitation of e-learning includes the following issues additionally:

1. The e-learning must be participant centered.
2. Presentation of a problem/case to participants improves clarity.
3. The program must ensure opportunities for success and not failure/uncertainty. To motivate/maintain involvement participants should nurture self-efficacy.
4. As e-learning relies on involvement/generosity, revealing what participation will result in becomes very important.
5. It should be it active/thought-provoking
6. It should showcase people/emotions/successes. Revealing how people feel about what can be learnt /achieved is also important.



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7. A blended experience transcends a single experience scheduled for a specific time/place.
8. Relationships, collaboration and teaming should be part of effort as the idea of an online community is now increasingly important.
9. Measure and continuously improve e-learning and learning management systems (LMSs).

Numerous strategies add to powerful information building, yet numerous likewise keep ventures/issue based learning as the cynosure. Critical thinking methods called issue based learning can connect with students in information assembling effectively. Notwithstanding issue and task based learning, comparable learning techniques including dynamic learning, request based learning and administration learning exist.

The technological advancement is about to replace various routine ideas and their execution. Academics is not far away from all these happenings and before we are completely shifting ourselves to this, it becomes pertinent to go into knowing the advantages and disadvantages of e-learning.

e-learning applications/forms incorporate PC based, online and innovation based learning, notwithstanding virtual instruction openings. Content conveyance is through web/intranet/extranet and sound or video tape, satellite TV, and CD-ROM including media as content, picture, liveliness and video and sound gushing. e-learning's fundamental ascribe is more to get to data/assets. This alludes to the entrance of data/assets whenever, wherever or any pace dependent on one's accommodation. Another trademark is access of interactive media based assets. They are different media types like content, sound, video, activity, illustrations, picture in system and correspondence innovation are explored, and which guarantee data access by content/pictures yet additionally through upheld movements, recordings, introductions and sound.

At present e-learning is an exceptionally rising information apparatus, giving a technique to convey proficient substance through interactive media and different instruments. Its fundamental disadvantage is accessibility of transmission capacity, e-students ability, and ranges of abilities to convey material to students.

- (i) Reduced overall cost is the major factor in adopting e-learning. Reduced time away from the job may be it's a positive offshoot.



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- (ii) Consistent content delivery is possible through asynchronous, self- paced e-learning.
- (iii) Expert knowledge is communicated and also captured through e- learning and knowledge management systems.
- (iv) Proof of completion and certification, which are major training initiative elements, can be automated.
- (v) On-demand availability ensures that students complete training during off-hours/from home.
- (vi) Self-pacing for slow/quick learners increases satisfaction and lowers stress.

Over all these advantages, there are some disadvantages also:

- (i) Up-front investment for an e-learning solution is high because of development costs. Budgets/cash flows should be negotiated.
- (ii) Technology issues of learners are usually technophobia/unavailability of needed technologies.
- (iii) Portability of training is e-learning's strength due to proliferation of network linking points, notebook computers, PDAs and mobile phones.
- (iv) Software tools for this learning type include audio conferencing, video conferencing, and virtual whiteboards ensuring that instructors and students share knowledge.
- (v) e-learning conditions give the accompanying administration, advancement and conveyance of e-learning capacities:

Today distributed systems are utilized for day by day sharing of recordings, sounds, pictures, music or other conveyed learning computerized forms. Consequently, refined pursuit and data recovery arrangements are vital. Many existing electronic course structures created in e-learning framework are considered as course philosophy and can be mapped into a model. This cosmology based arrangement expands data recovery exactness through high accuracy and review.

A term/expression can have numerous implications, while a space explicit idea is unambiguous. It is valuable to utilize the space explicit ideas in archives than terms to recover reports from a particular area. Information grouping is a mainstream information



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naming procedure where unlabeled information is given, and comparative examples put in one heap called a bunch with different examples being in different groups.

The conventional classroom teaching-learning has been un-defeatable for all these years because the delivery of content has never been unidirectional and it has also been acknowledged for conditioning of learner's mind that cannot be done possibly by a machine, that is e-learning. However, with this particular, the e-learning modules cannot be rejected. Advancement of human race is a continual feature of progress over millions of years and in the next few years, there will be a complete change witnessed by all of us in case of e-learning mechanism too, and that is inevitable.

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