

Attitude of Scholars towards Electronic-Learning: A Case of Undergraduates of Sehore District

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Abstract:

Electronic learning is an upcoming process which uses technology to support learners with the vision of enhancing learning activities. In the several existing areas, Electronic-learning is frequently observed as an “innovative” method of learning at the affordable cost to transform the education into interactive way. An Electronic learning is shown very dynamic in the ground of education; it allows individuals to learn at their own pace, the process of Electronic learning comprises with online or offline aptitude. Electronic-learning is comprises with drill work, the supply of information and direction from professionals quickly and accurately. In squat, Electronic learning emphases on the widest view of learning, such as learning is well-defined as a modification in manner. Electronic learning is differs from the traditional learning system, examines the significance of Electronic learning in regards to the academic routine of the scholars implementing themselves with the vision to innovative education. The study analysis the attitude of the learners in regards to their Behaviour (performance), Affective (Sentimental), Cognitive (Rational), Consistency (Steadiness), and Satisfaction (pleasure) aspects. It also discovers individuals and organizational attitudes and manners of Under Graduate Learners of Sehore District towards use of Electronic-learning; this research suggests gender difference and computer related experience, self-worth, consistency and enthusiasm. Finally, Commend the way through which learning atmosphere be made more suitable for the students who are all at varying academic heights. In order to accomplish this task, questionnaires will be given to 300 Under Graduate Scholars of Sehore District to accumulate data.

Keywords: Electronic-learning, Learner Attitudes, Interest, Enthusiasm, Self-Worth, Consistency, Satisfaction.

INTRODUCTION

Electronic-learning is defined abundantly by several researchers. Electronic-learning as name implies it mean learning through Electronic Apparatuses that includes usage of Internet and other related tools and technologies to deliver wide-ranging resolution that expands way of presentation and offer intensive knowledge to learners. An Electronic Learning Environment facilitates the learners to study individually according to their own planning and enthusiasm. Electronic learning process facilitates hybrid learning process that involves face-to-face—traditional classroom learning with internet oriented learning. Electronic Learning is an Advanced Teaching Learning Technique, Formalize about recent ideas, which develops Technical input through video, Expands efficiency in class through Teaching aid resources and proactive technological tools, finally helps to scholar to have face-to-face communication and creative valuation. Figure 1 Demonstrates Model of Electronic Learning.

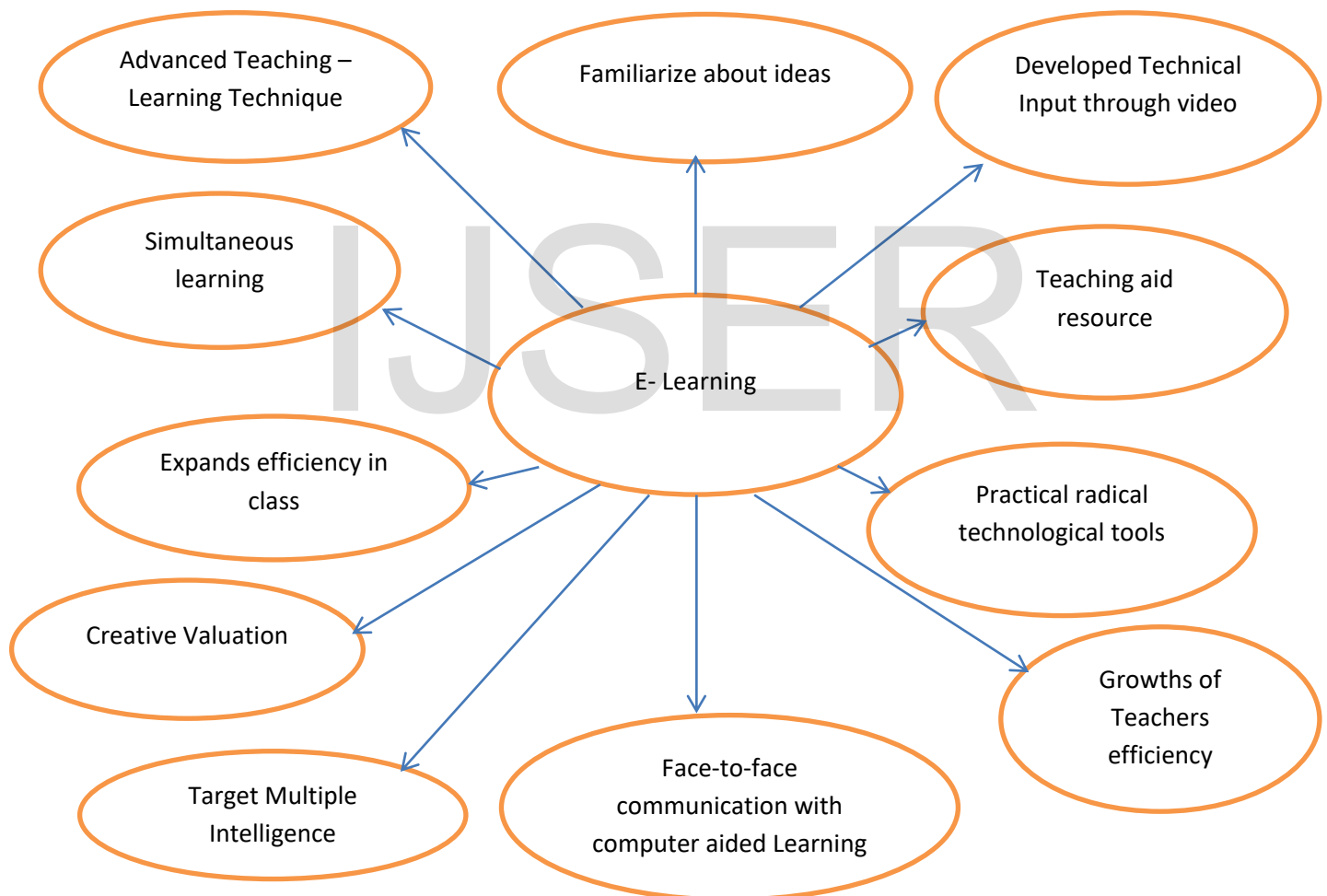


Figure 1: Electronic Learning Standard

Learning:

Learning is a continuous and life long process, it is an interface between learners and surroundings, targets to accomplish planned result in order to produce learning as a firm activity. In the every single stage learning involves gathering of facts. Learning is well-defined as a

transformation in conduct, which develops cognitive attitude, affect the learner with the consistence knowledge and finally provide the satisfaction to learner. Therefore, the learning will tend to lead the following results: 1) Acquiring of subject related facts or talent through training or practice. 2) Study of substance. 3) To gaining several information. 4) To obtain knowledge, skill and experience. 4) To absorb by heart. 5) To memorize the significant matter. Electronic-learning is recognized to fulfil above all defined purposes.

Attitude:

Attitude is a very tiny thing that makes enormous difference and reflects individuals. Attitude is a way of thinking, feeling, and behaving that reproduces the state of mind and the outlook of the individuals. Attitude is also a reply to challenges, rewards and other stimuli that can affect an individual's choice of action and open satisfaction.

An Electronic-learning in the present-day:

In the present-day, Electronic-learning tools and transfer approaches are extended with the overview of computer and Internet.

The first MAC in the 1980's empowered persons to have computers in their homes, it made easier for them to learn about specific subjects and also to develop their certain skill sets. Then, these days, virtual learning environments began to blossom truly, with people gaining access to a wealth of online information and superior Electronic-learning opportunities.

Several faculties have been set up, in order to deliver online courses only, producing the most of the internet availability and transporting education to learners which had previously joined in the fix educational place with the time limitation and physical presence. Progression of technology has assisted educational establishments strong and has reduced the costs of distance learning, today learners have opportunity to improve their knowledge and enlarge their skills, anytime, anywhere with their ease. It has also offered them capability to get online degrees and develop their lives with long-drawn-out educational knowledge, to face the challenge also to be firm for the competition of the contemporary era.

Electronic-learning, an Innovative Technique of Education:

Due to advancement of web technology the education has been transformed significantly in the present era. Everlasting potentials and efficient ways of teaching and learning are accessed through the internet to an ordinary person. The development of high speed PCs, high volume corporate network, WWW, several types of Android/Cell Phone have assisted availability of learning 24 hours during a day. Numerous out-dated educational institutions are consuming advantages of Web Technology as a whole time practice everywhere in the sphere. Currently, it is promising for the Undergraduate Students to seek support with any theme or particular topic anytime and anywhere even they are benefitted to yield some educational progresses through long distance education. Web-based education is not only has proved excellent for attainment of the scholars but professional lives of the mentors have also been upgraded through Electronic-learning and teaching. Electronic-learning is boon for today's education because Electronic Learning covers an extensive set of solicitations and procedures like computer-based learning systems, Computer Managed Learning, Computer Assisted Learning, computer-generated

classrooms, Smart and Interactive Classroom, Web-based learning organisms, GroupWare packages of digital collective learning, audio- and videotape, Communicating Television, DVD and CD-ROM, satellite broadcast, MOOC facilities etc. Contents of Electronic-learning are generally being transported through Internet, intranet/extranet and Worldwide (MAN/LAN/WAN/WWW). The current enhancements in the grounds of distributed and universal computing, artificial intelligence, intellectual learning theory, and hypermedia have united to provide more distributed learning systems over the Internet and World Wide Web (WWW).

This paper goes to survey the viewpoints of Undergraduate Scholars of Sehore District about Electronic-learning. Section I: followed with Overview Section II: describes review of interrelated works. Section III: Aims are stated that are followed by Suppositions in Section IV: displays tabularizing and graphical presentation of resulted data, Section V: demonstrates result and conclusions.

Literature Exploration:

According to William T. 2015 [8] Electronic Learning Atmosphere is more suitable for the scholars in comparisons of Old-style learning, it has an optimistic and hostile ideas for teaching and learning.

ZuleikaFirdosh et al. 2015 [9] scrutinized that through the entrée of Internet skills never-ending extents of awareness and ideas have achieved by an ordinary person very conveniently and imaginatively. The growth of Internet growth has integrated high speed desktop, laptop, palmtop computer devices, high capacity network, World Wide Web and frequent mobile devices along with unbounded services.

Umbitat.el, 2016[10]concluded their study by explaining that opportunities and pleasure has an optimistic association towards Electronic-learning among students that expand learning act as a whole.

Sunil Gupta, 2017 [12] illuminated that rapidincreasing of Internet tools have made Electronic Learning very extensive, which has brought numerous changes in the mode of teaching and learning. It facilitates to learners to join, obtain, practice, understand, analysis and pathway the academic state perceptively.

Samnan Ali July, 2017. [13] Inspected that numerous advantages have taken place by Electronic Learning environment. Delivery of Electronic learning comprises with: very low-slunfrequency, saving charges of assembly and wandering payments. Than that of Traditional Classroom Learning Electronic Learning has been firmed low-priced.

Manya Suresh, et. al 2018 [14] open-minded views describes that use of technology have facilitated education with amendment, updating the content easily, wellbeing of source, promoted satisfaction, responsibility and Manageability states to the manipulator's proficiency of finding of essential and unrequited setting.

III. Determinations/Objectives

The following ideas are well-defined for the learning:

1. To examine tendency of Undergraduate Learners of Sehore Dist. towards Electronic-learning.
2. To examine variances in attitude towards the use of Electronic-learning between male and female Learners.
3. To examine an effective and efficient framework with the purpose of bridging overall attitude and satisfaction of learners towards e- learning.

.Hypothesis:

1. Undergraduate Learners of Sehore have great tendency towards Electronic-learning.
2. There are no variances in attitude towards the use of Electronic-learning between male and female Learners.
3. Electronic-learning is an effective and efficient with the purpose of bridging overall attitude and satisfaction of learners towards e- learning.

Aim of the Research:

The study provides exhaustive scrutiny the viewpoint of scholars of Sehore District towards Electronic-learning. In order to accomplish this task, questionnaires were given to scholars of Under Graduate Colleges and University to accumulate data. The advantage of Electronic-learning to scholars is noteworthy hub of the study. The research questions are itemized with five Factors for investigating attitude of Scholars. Attitude such as:

- * Behaviour (act/performance),
- * Affective (Sentimental/Emotional),
- * Cognitive (Intellectual/Rational),
- * Consistency (Steadiness/Readiness),
- * Satisfaction (Fulfilment/pleasure). Each of the factors comprised with 10-10 questionnaire, positive and negative respectively.

Scope of the Research

The research focuses on study of Under Graduate level scholars, which are centred on the results of the research, the study of the attitude of the scholars towards Electronic-learning will be accessible.

Population

Some Under Graduate Colleges and university students of Sehore District are the population of this study.

Sample

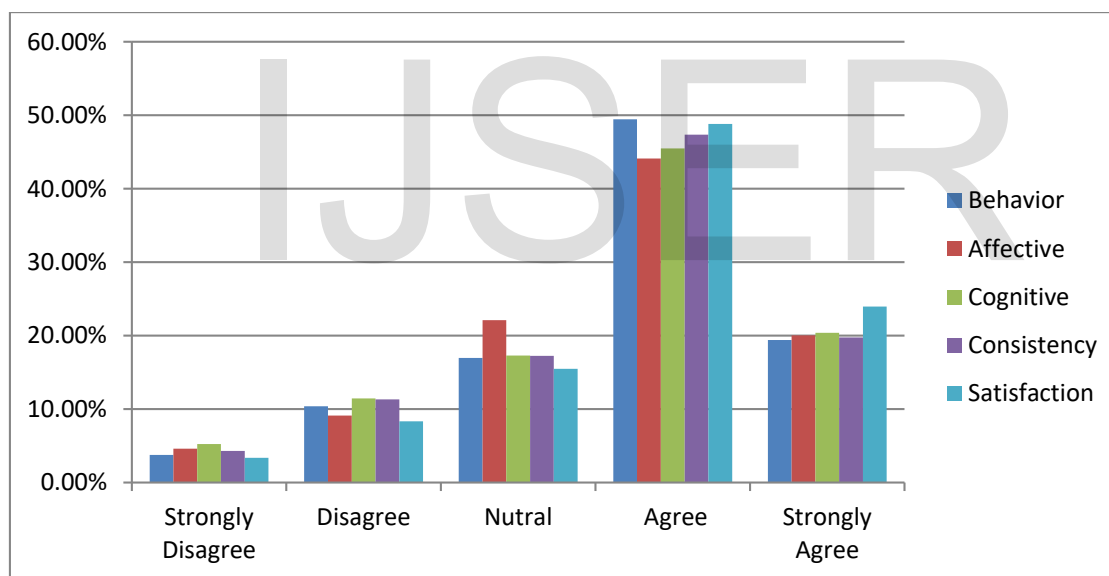
300 Students of Undergraduate Colleges and Universities randomly selected from PG College, Girls College, SV College and Satya Sai University of Technology of Medical Sciences, Sehore. The Sample distribution is as below Table shows:

Table 1. Sample Shape of Scholars

Gender	Total
Male Scholars	204
Female Scholars	66
Total	270

Table 2. Percentage of each factor of Male Scholars

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Behaviour	3.77%	10.39%	16.96%	49.46%	19.41%
Affective	4.61%	9.12%	22.11%	44.12%	20.05%
Cognitive	5.25%	11.47%	17.30%	45.49%	20.39%
Consistency	4.31%	11.32%	17.25%	47.35%	19.75%
Satisfaction	3.38%	8.33%	15.49%	48.82%	23.97%

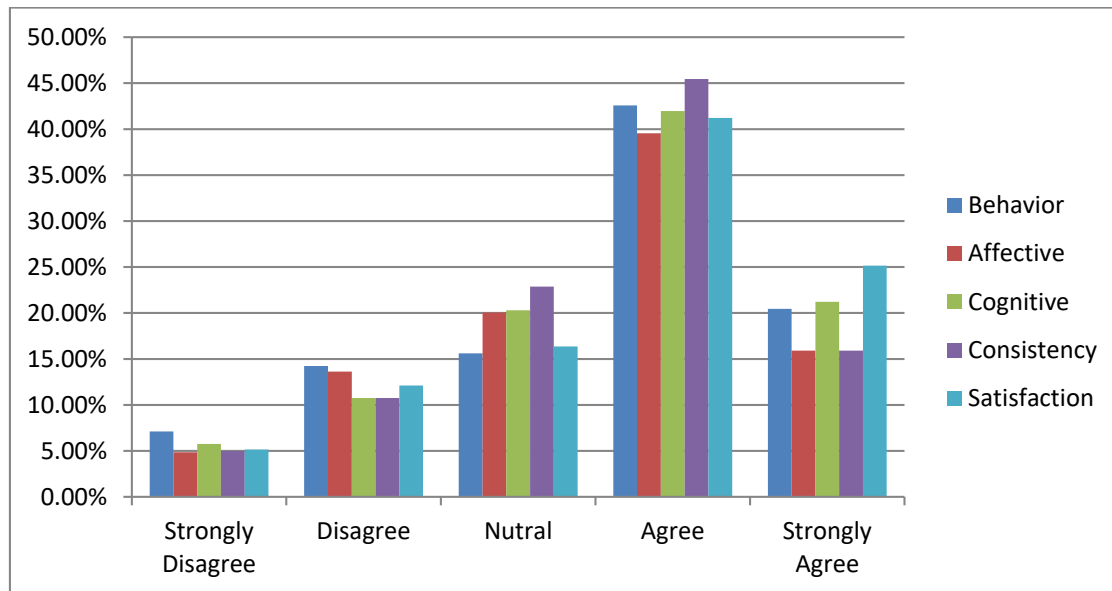


Graph 1: Graphical presentation of percentage of male

Table 3 : Percentage of Each factor of Female Scholar

Factors	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Behavior	7.12%	14.24%	15.61%	42.58%	20.45%
Affective	4.85%	13.64%	20.06%	39.55%	15.91%

Cognitive	5.76%	10.76%	20.30%	41.97%	21.21%
Consistency	5%	10.76%	22.88%	45.45%	15.91%
Satisfaction	5.15%	12.12%	16.36%	41.21%	25.15%



Graph 2: Graphical Presentation of percentage of Female

Research Methodology

This study aims to investigate for understanding of learners attitudes toward the Electronic-learning. The survey was distributed to 300 College and University Students who have computer knowledge. Contributors were invited to complete the questionnaire. Including a cover letter, the questionnaires, were disseminated to participants. All questions based on 10-10 variable were asked to respond to the questionnaire and their responses were guaranteed to be personal. The responses were collected from the learners. I circulated around 300 questionnaire through Physical and online mode and after the screening researcher finalized 270 response of the students for the analysis. Nevertheless 30 missing responses were eliminated. Therefore, the study group comprised with 270 students which contains 106 male students and 64 female students.

Tools

5 Point Likert scale consisting with 50 items for Students in the blocks of 5originsBehaviour(act/performance),Affective (Sentimental/Emotional), Cognitive (Intellectual/Rational), Consistency (Steadiness/Readiness), Satisfaction (Fulfilment/pleasure) was used in the study.

Importance of the Study

Now-a-days Under Graduate Education is gripping the potential of Electronic-learning to transfer learning content to students throughout the ecosphere. Throughout this age

Under Graduate Colleges are being pressurized to carrying innovative techniques of learning through training programs which permit to scholars to develop their potential and fight with the competitive era.

It has been necessary to have thorough knowledge, learning with experience, to be ready for non-particular and unpredicted situations. Electronic-learning environment is helpful in all round development of the scholars. This research focuses on the necessities of “scrutiny the attitude of the learners towards Electronic-learning” in Sehore District emphasizing the attitude of learners. Outcomes from this scrutiny will endorse the caring of quick-fix that will be set out by the researcher for the growth of the Institutions of Sehore District.

Suppositions

In this investigation; leading presuppositions are supposed virtually. The questionnaires accessible are anticipated to count the existing and relevance of Electronic-learning with the scholars of UG Colleges, and University. The scholars to be observed are supposed to be basic with their calculations of questionnaires scale.

Result:

Undergraduate Scholars of Sehore District have positive attitude towards using technology in their day to day education, very few percentage of Scholars are strongly disagree with the technology in education.

Male's Attitude towards Technology: In view of **Behavioural** Attitude of Male 49.46% Scholars are found Agree, 19.41% Strongly agree and 3.77% Strongly Disagree, **Affective factor demonstrates:** 44.12% Agree, 44.12% Strongly agree and 4.61%, Strongly Disagree. **Cognitive Factor shows:** 45.49% Agree, 20.39% strongly agree, 5.25% strongly disagree. **Consistency accumulates:** 47.35% Agree, 19.75% strongly agree and 4.31% strongly disagree. **Satisfaction results:** 48.82%, Agree, 23.97% strongly agree and 3.38% strongly disagree.

Female's Attitude towards Technology: Behavioural: 42.58% Agree, 20.45% strongly agree, 7.12% strongly disagree **Affective:** 39.55% agree, 15.91% strongly agree, 4.85% strongly disagree. **Cognitive:** 41.97% agree, 21.21% strongly agree, 5.76% strongly disagree **Consistency:** agree 45.45%, 15.91%, strongly agree and 5%, strongly Disagree. **Satisfaction:** 41.21%, Agree 25.15% strongly agree 5.15%. Strongly Disagree.

Conclusion:

Electronic-learning can be verified as an active tool for transmission data to learners. In an educational environment Web-based training supports and enables the scholars to fight with the competitive era. In order to satisfy the needs of the scholars, Electronics Learning tools, infrastructure and training programs are being enhanced by many universities, colleges. These days. Scholars need social interaction with mentor 'strainers and experienced personalities who grow into helpful to uphold the level of their education. The result of survey showed that Electronic learning is most advantageous for their education. Since it is an operational and practical process so it could be drawn fit for the study of the scholars at all domain. Though, the

support of Electronic learning is not sufficient to guarantee actual motivations for active learning scholars need collective collaboration with their guides and companionship throughout their academic ages. Well-established Electronic environment is necessary which can rely on the Instructors as well as positive attitude of the scholars that suggests greater possibilities towards Electronic-learning to accept it. Finding of Electronic learning is in height with respect to all factors. Using of Electronic tools and strategies for their every day online and offline work like: creating visual presentations, presenting written work and researching topics and training programs and practice, enthusiasm and satisfaction will result in a more favourable attitude to its procedure.

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