IMPACT OF E-LEARNING IN HIGHER EDUCATION

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ABSTRACT

The concept of e-learning is contested with the online education ,virtual education and digital education e-learning was used for the first time at the CBT system seminar, since then the term has been used extensively to describe the use of online ,personalized ,interactive or virtual education. As the demand is fast forwarded today to provide just-in- time knowledge on current topics of crucial importance.

This paper explore e-learning in various courses to enroll students in e-learning environment .though many measures have been taken but still , there is a gap of changing the experience of student as well as the instructors. It also analyze the importance of e-learning environment has bought the new dimension in education scenario.

The Study has found the positive approach about e-learning in higher education in various aspects such as flexible and advanced distributive learning within synchronous and asynchronous learning.

KEYWORD: - E-learning in education, Enrolling students, fast-forwarded electronic technology, synchronous learning

1. INTRODUCTION

E-learning expanding globally in higher education. E-learning wont to be synonymous with computer-based instruction, a model during which computers are wont to deliver content and typically also for assessment. for instance , a standard early use of computer-based instruction was to show keyboarding skills, while computer based skills components of e-learning today it's only component among many computer, laptop, tablets, Smartphone. These technologies are increasingly making their way into classrooms, and not just in universities, but in primary and secondary schools also. In some classrooms, digital recourses have replaced textbooks and students use I-pads to try to to everything from research to make and to deliver presentations. In other students use smart phones to participate in

real time polls and survey while taking note of lectures. Still other classroom has gone entirely virtual, as students from round the country or round the world take course together. All of those ways of using educational technology are sorts of e-learning. E-learning, refers to online learning, a model during which some or all of a course is completed over the web. Many university level courses and programmers are now available entirely online student's access course materials, participate in course discussions, and take assessments and every one other online portal. E-learning development supported changes to traditional pedagogy evoke the foremost inconsistencies in student perceptions and here that individual difference emerge as possible success factors.

WHY E-LEARNING

E-learning in advanced education program is intended to empower the comprehension of the structure, improvement, assessment, and the executives of e-learning projects and framework across associations. All e-learning courses interface hypothesis with training. Understudies will have the option to increase useful information and abilities in the previously mentioned territories with regards to instructing and learning in advanced education. Themes in e-learning courses incorporate yet not constrained to advanced game – based learning, vivid learning innovation, proof driven learning innovation

assessment, portable learning frameworks and that's just the beginning. In the course of the most recent decade there has been a change in the manner colleges distinctive style of administration concentrated on the age of new salary streams and reacting to government goals in regards to expanded openness to advanced education .With the development of mass instruction and global markets, college are discovering there is a genuine need to audit the foundations and techniques that help both educating and understudy learning. Many accept these new innovations offer an instrument which, whenever utilized effectively can assist with dealing with a portion of the difficulties presently confronting advanced education.

A prompt potential advantage of considering executing e-learning is that it very well may be viewed as an extra road with which to help instructing and learning practice. E-learning spreads such a wide circle, that it is hard to call attention to any advantages as guaranteed, so any advantages ought to at first be named 'potential' benefits. In any case, many refer to the accompanying as expansive advantages that e-learning bolsters

•   The capacity to give removed getting the hang of (learning not nearby)

•   A mixed getting the hang of/showing approach (utilizing eye to eye and innovation)

•   The utilization of innovation to help wide scope of instructive action.

THEORY AND MODELS

E-learning standard has risen, and might be improbable given the scope of learning and showing styles, the potential ways innovation can be actualized and the manners by which instructive innovation itself is evolving. A few of instructive methodologies learning hypotheses might be considered in structuring and associating with e-learning programs. A model of e-learning would need to show on what instructive standards the additional estimation of the 'e' was working. Where, for instance the 'e' permit remote students to communicate with one another and with the agent of the topic in a structure that could essentially not be accomplished for those students without the innovation.

Much instructive hypothesis worried about how understudies learn and the improvement of fitting standards of good practice. The conventional college model of mass talks assessments can be viewed as instructional and concentrating too intensely on 'learning through inactive gathering' while there are numerous hypothetical models those contribution 'learning as guided development' and we are probably going to have more prominent accomplishment in improving learning results in the event that we structure as per a model that emphasizes the accompanying six

qualities of picking up: learning is dynamic ,total ,singular ,self-managed ,objective arranged and arranged.

Inside the field of e-realizing there are three models of discovering that can be viewed as especially noteworthy .These are 'May as conceptualization cycle' , Lorillard's conversational model' and salmon's five phase model which centers around PC intervened correspondence . These all models put high an incentive on dynamic understudy learning and in the 'helpful' mode. The possibility of valuable arrangement has been one of the most compelling in advanced education learning and instructing.

LITERATURE REVIEW

Learning Style and Computer-Mediated Learning

Learning style has been defined by Keefe (1979) as "the characteristic behaviors of learners that serve as relatively stable indicators of how they perceive, interact with, And respond to the learning environment." There are many learning theories and Corresponding learning style measurements. Different learning style theories and Measurement focus on different levels of a person's characteristics. It is helpful to organize these learning theories by Curry's (1983) metaphor of an onion, in which the Layers of the onion are analogous to the different levels of a

person's characteristics or Style. At the core of the onion is style related to basic personality traits. Measurement Developed within this research area assesses the influences of basic personality on Preferred approaches to acquiring and integrating information, such as Herman Watkins, Group Embedded Figures Test (GEFT)(1971), which measures the extent to which a

Person is influenced by a surrounding field. The next layer, information-processing, is the Individual's preferred intellectual approach to assimilating information. One well-known

Instrument is David Kolb's Learning Style Inventory (LSI) (1976, 1985).Social Interaction, the third layer, addresses how students interact in the class room. Active experimentation with concrete experience comprises the Accommodator learning style.

The students experience of E-learning in higher education

The literature review published in BEJLT in 2005 was the start of a productive 10 year relationship with the JISC. What started as a curiosity to uncover and understand experiences learners' of technology has evolved into a pressing argument for teachers and institutions to support learners to develop the access, skills and practices they need in order to be able to study successfully in a digital age. We have initiated a variety of local and institutional practices which support learner

development and improved our methods for investigating the digital practices of students.

Putting learning back into e-learning

This review has highlighted a range of barriers for both employees and employers. More importantly, it has discovered a range of strategies that can be employed to overcome these barriers. One of the key findings of this review has been that learning needs to be put back into e-learning. Many of the strategies to overcome barriers are based on the need for a blended model which combines both the technology base of e-learning and face-to-face, interactive training. The findings of this literature review will be particularly informative and useful for ACSA in developing an aged care industry plan to embed e-learning as a training option.

E –learning based information technology resources for the development ofstudent thinking skills in higher education

The current issues in some development countries such as Iraq, Libya, etc., to use e-learning were highly addressed in terms of applying the suitable resources for such use. The effects of information technology resources on students thinking skills or ability in higher education were reported to be an essential aspect for unprepared students to use or engage with the available IT resources. In addition, there are many scholars addressed that online education and blended instruction can be as

useful as traditional classroom models. Few studies have focused on learner satisfaction with online instruction, particularly in the transition to online learning from traditional approaches. Therefore, this study was established to shed the light on the current uses of IT resources for e-learning in different higher education institutions to develop students thinking which at the same time supports the development of their understanding.

E-learning practices at universities towards personalized learning environmental.

The students using might not understand the significance and impact of their actions, but someone who was not born into the digital age will understand the magnitude of the situation .It enhance learning of the students but also develop their competencies, help them to be prepared to tackle the real world situations and making them realize that the world is lot smaller and there is SO much to learn from each another.

2. METHODOLOGY

E-learning is a broad and creative factor of learning or we can say that this is the term which provides more practical and deep knowledge with the combination of traditional knowledge

In this study we want to know the approach of students about e-learning.

The technique used in the research study is questionnaire, survey and observations to measure the student's motivation, their study habits when doing a course online ,they compare experiences of online methods, their traditional activities and found out their point views on e-learning as compared to traditional learning.

Type of study- In this study we want to analyze the approach of students about E-learning so we observe them. In this research we follow observation study.

Type of data- For collecting the responses of students about E-learning we used Primary data in this study.

Source of data- In this research we apply the quantitative questionnaire and observation to analyze the study. This is the source of data which we have used in this research.

Tools for data collection- In this study we prepare a Questionnaire for getting the data of students. This Questionnaire is the tool of our study.

Tools for analyses- In this study we apply the pie-chart and bar chart technique for analyzing the data which we have collected through questionnaire.

FINDING AND ANALYSIS

Feedback on the Students Experience-

In this study, we have divided the various courses into two groups, postgraduate and undergraduate students. In postgraduate student we got the feedback from management students and M.Pharma students and many other postgraduate courses. While in Undergraduate students we have obtained the feedback from B.Com, B.B.A., B.Tech and other courses. The overall response rate was excellent with over 250 students completely in the survey.

The survey questionnaire-

To obtain the feedback of students we were prepare a questionnaire. In this questionnaire we used the likert scale techniques to collect the data for study. In this study we want to analyze the approach of students of various course and also want to analyze that how it is beneficial in future perspective for them.

In this research feedback of the students, out of 250 respondents, we have collected 248 student's responses throughquestionnaire. After getting the response we analyzed the data and we find that the approach of students in various courses was high.

All the data which we have collected through questionnaire is being described in the graphical form-:

### 1: E-learning bought the new dimension.

According to study we want to find that E-learning create a new dimension for students or not and the response which we find in study is:
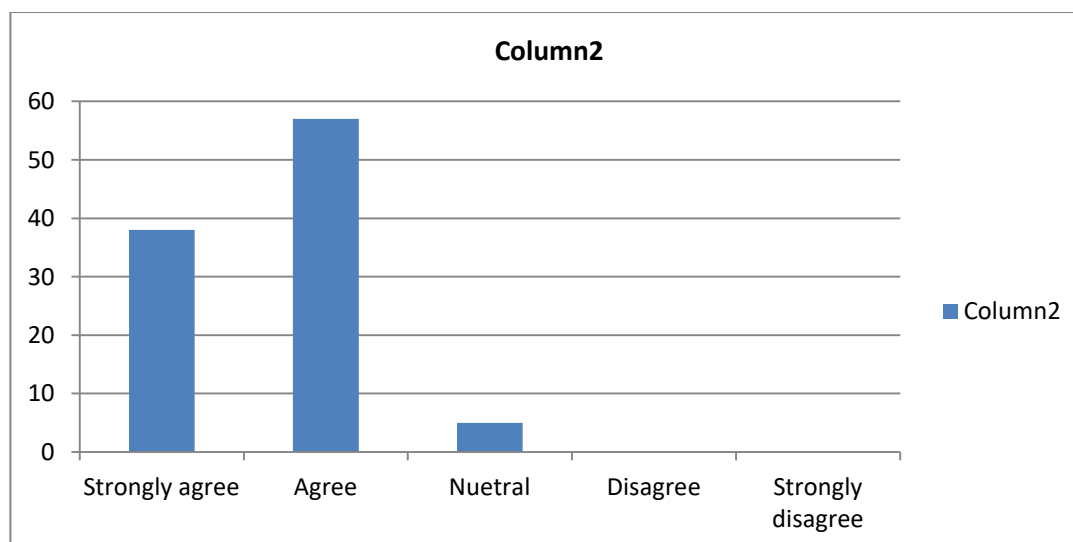
All data in the form of percentage.

**2: E-learning in future for students**.

Analyzing the data which we want to collect throw questionnaire for study about E-learning in future perspective and the data which we collect in study is:
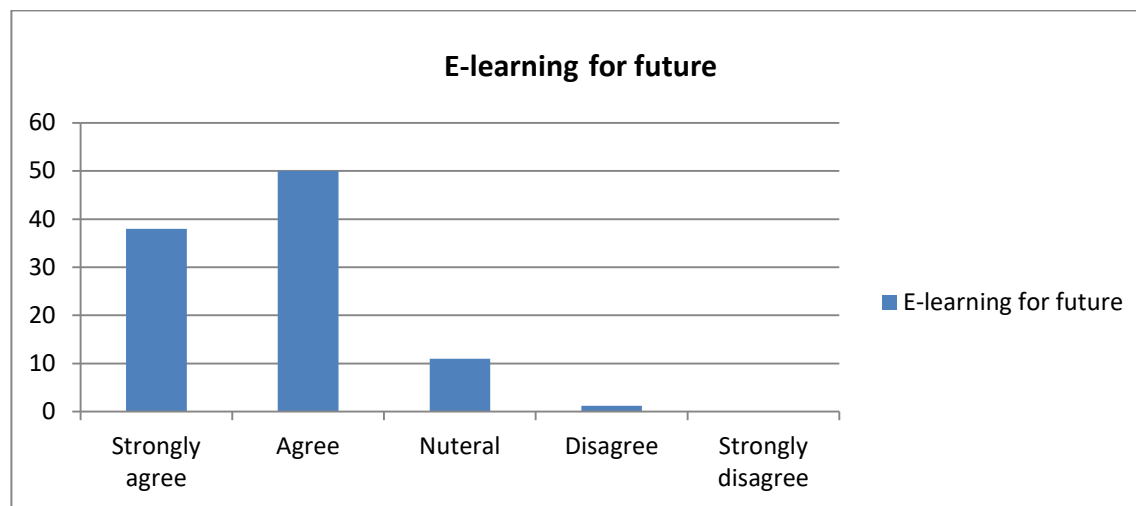
All data in the form of percentage

**3: E-learning gives the platform for flexible learning**.

The concept of E-learning is actually provide the platform for getting the flexible learning in higher education is also a important part which we want to know in this study. So the data which we collected threw questionnaire is:
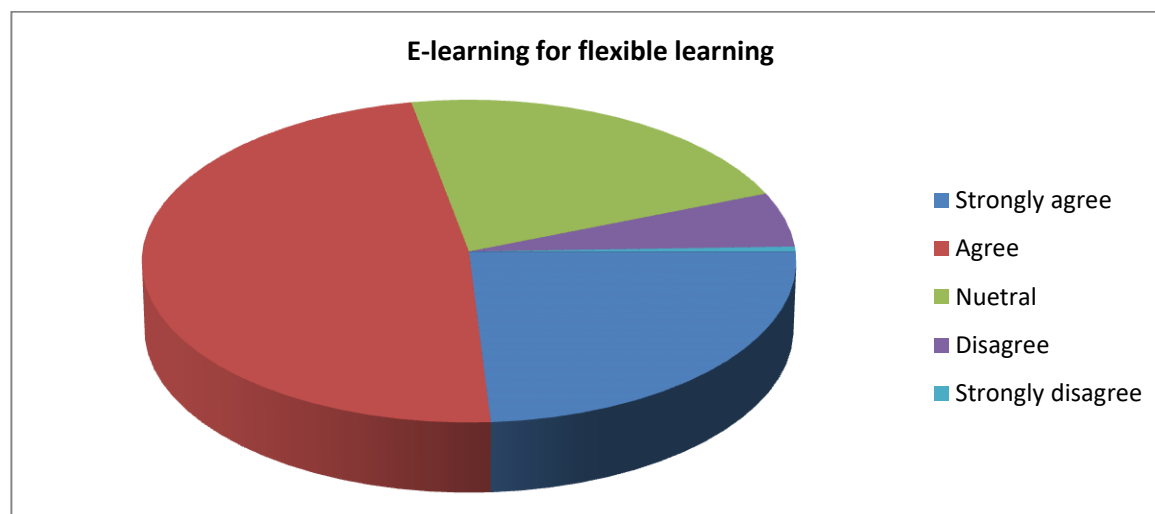
All data in the form of percentage

## 4: E-learning removes the demographic barriers like age, time or place.

Demographic barriers like age of the person, Time-scheduled, and socio-economic nature can be removed by E-learning.
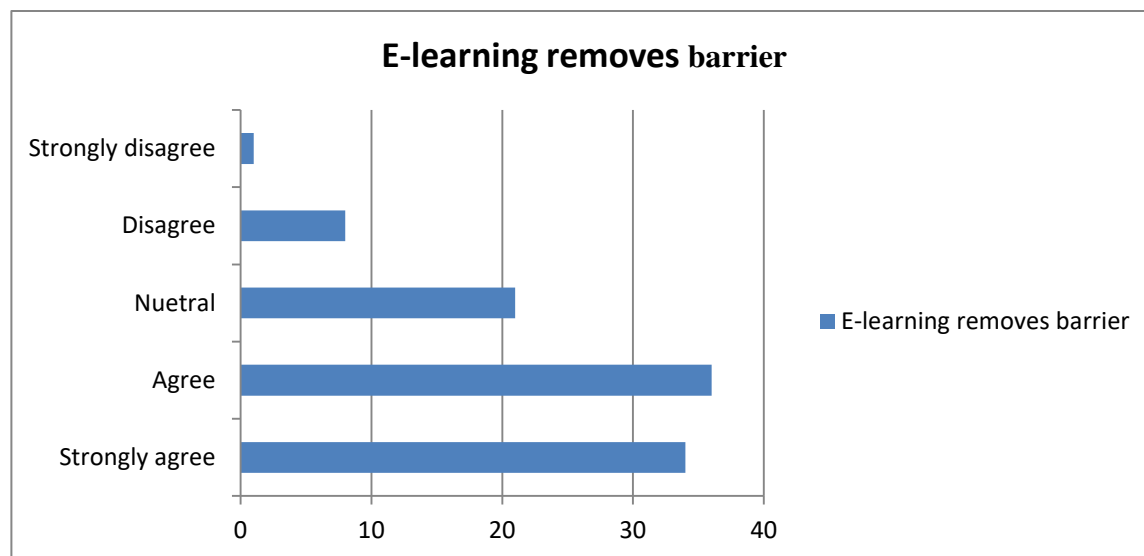
All data in the form of percentage

5: Type of E-learning which liked by students.

In this study we want to know that which kind of leaning will be preferred by the students. So we give different kind of learning pattern and collecting the view of students.
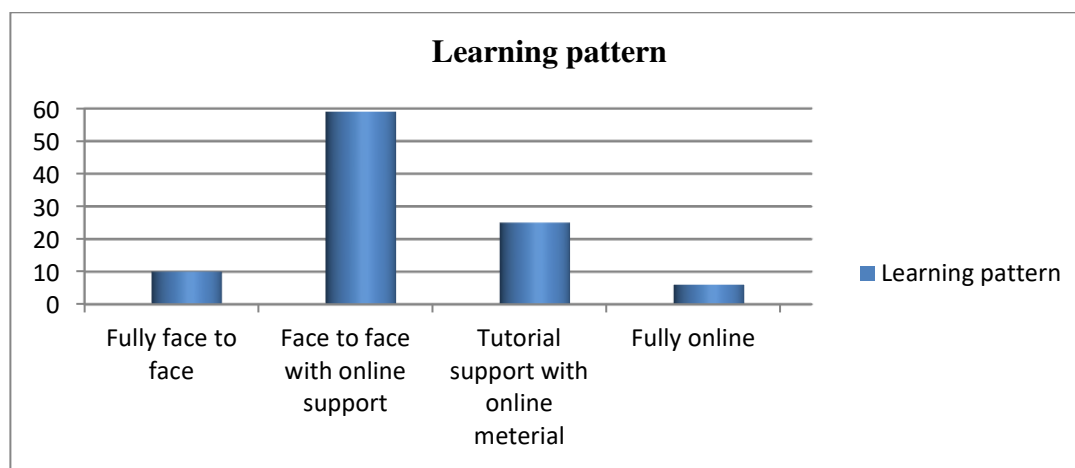
All data in the form of percentage

### 6: Involvement of E-learning in education needed by students.

The involvement of E-learning pattern can be added in today's traditional learning pattern.

Need of E-learning in education

- ■ 0-25%
- ■ 26-50%
- ■ 51-75%
- ■ Above 75%
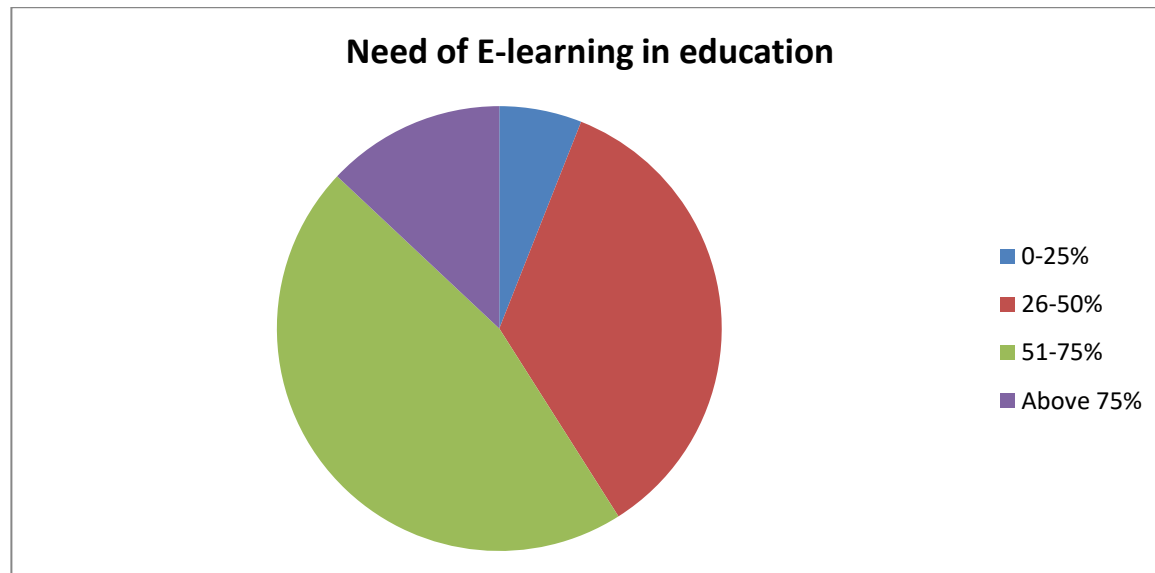
All data in the form of percentage

### 7: Factor which influence to choose E-learning.

In current generation students are very choosy person. They like to select best alternative for him/her. So in this study we analyze the factor which important to choose E-learning.

Important factor for E-learning

■ Important factor for E-learning
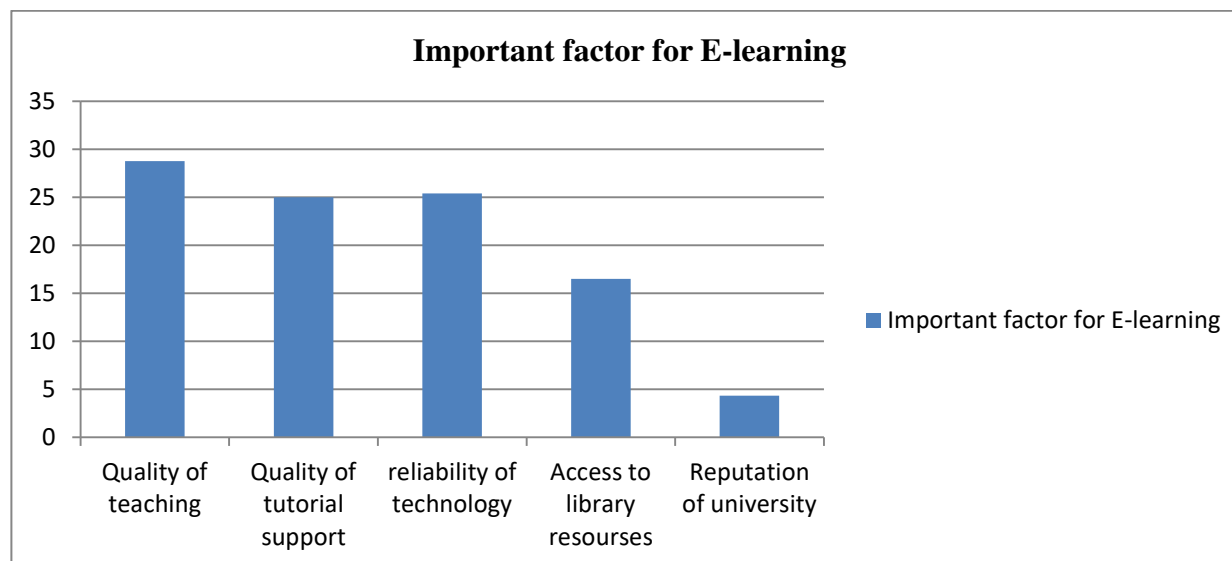
All data in the form of percentage

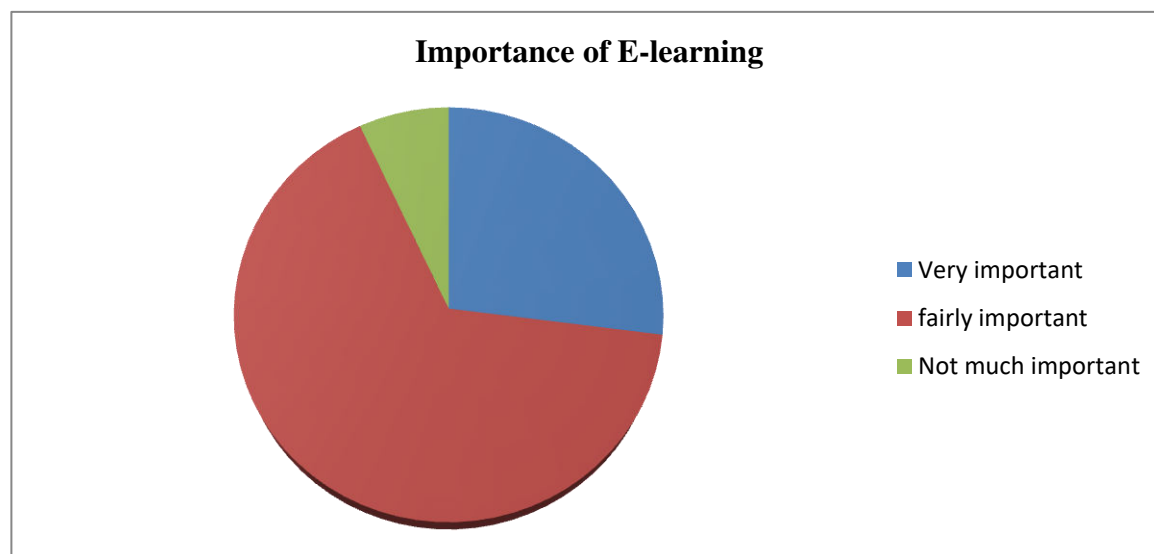## 8: E-learning is cost effective and time saves.

In 21st century cost and time are two important parts of personal life as well as student's life.
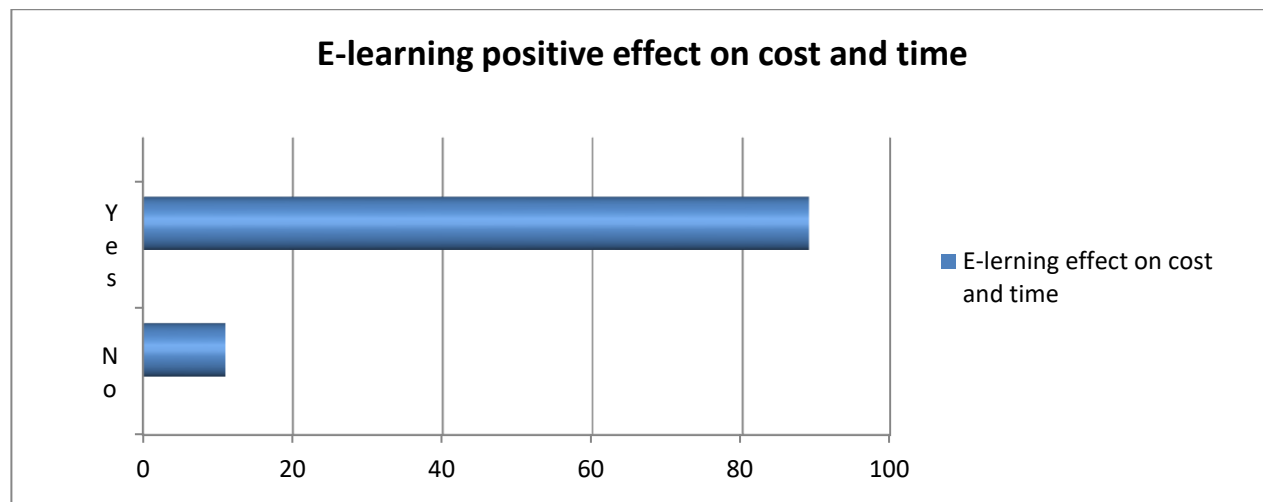
All data in the form of percentage

9: Students view to describe importance of E-learning.

Students approach and view to define the importance of E-learning and it also define the need and worth of E-learning.

3. CONCLUSION

This research began to explore e-learning experience in education. There is a wealth of technical and research based support surrounding e-learning. Many institutions have some level of e-learning support provision and it worth seeking this bent better understand the institution's strategy and policies regarding support.

Study review

E-learning therefore essentially covers the utilization of computers and technology as a vehicle for knowledge exchange within teaching and learning. It must be remembered that e-learning isn't 'cure all'. VLEs are ultimate tools within the learning and teaching process – they are doing not in themselves bring an honest or bad experience. A poorly developed e-learning programmed appropriately apply will clearly enhance the experience of scholars. Important decisions need to be made with reference to the balance of face to face and online activities. So this could be allowed for college kids to specialize in higher value activity involving construction and active learning.

Forward looking

In this study, survey finding were encouraging students thinking to manage kind of the challenges which students face in education.

Percentage of responses obtained across the survey supported 250 respondents:-

1. E-learning is that the new dimension in education scenario 95% students were agreed and strongly agree that e-learning is that the new dimension in education scenario.

2. 88% students were agreed and strongly agree that e-learning is beneficial for future perspective.

3. 72% students agreed and strongly agree that e-learning could even be a platform for flexible learning.

4. 70% students think that e-learning remove the barrier aged , place, time, and socio -economic nature.

5. 10% students prefer fully face to face learning without online support and 59% students supports face to face learning with materials available online to support in learning ,25% student are in favor of learning material available online and tutorial support is provided on line ,and 6% of students are in favor of fully online.

6. 46% students are in support that if they get a chance to select the tactic of education they're getting to prefer to settle on through e-learning.

7. 28.75% students are in support of choosing an e-learning courses through quality of the teaching material, 25% are in favor of quality of educational support and 25.4 are in support of reliability of the technology.

8. 89% students strongly agree that e-learning is cost effective and saves time.

9. 66% students personally agree that education through e-learning is fairly important to continue.

Personal development

The research questions that studies attempt to tackle, relates here to the effectiveness or impact the choice of a specific learning. This review concludes that research should investigate how student understanding the learning process impact on their study strategies and perception of online learning.

E-learning is definitely a growing field in the educational market. E-learning standard may be a new emerging area; there are many challenges in implementation of undergoing technological changes and developments. However supporters of e-learning are always looking forward some new developments and technological advancement will continue to reshape learning over the internet with increasing use of advanced tools and techniques.

By the e-learning environment one can make the system more attractive and interactive for learner that may help to provide a learner flexible platform in this environment.

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