

M-Learning need and challenges in Education

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Abstract: Learning occupies a very important place in our life. Most of our behavior is mainly influenced by what we learn and how we learn it. It is a lifelong process that involves constant change, adjustment and development. Instinct, attitudes, appreciations, skill and ability are primarily the product of learning. Learning implies acquisition of knowledge and skills on one hand, modification of behavior on the other hand. It is measured in terms of improvement of behavior. In the world of Skinner, learning is not acquiring knowledge or skills mere mechanical repetitions. It is a process in which the learner organizes different elements and experience to reach a particular goal. Advancement in science and technology make the learning process so easy and possible without geographical barriers. The usage of non print media such as Educational Radio, Educational Television, and computers enhance the process of learning become learner centered process.

Keywords- M-Learning in Education.

INTRODUCTION

Mobile learning (M-Learning) aims at making the learning process more flexible, accessories and personalized. M-Learning is the acquisition of any knowledge and skill using mobile technology, anywhere anytime that result in an alternation of behavior. It can be defined as learning that happens across locations or that takes advantage of learning opportunities offered by portable technology, learning in a mobile society. M-Learning facilitates performance support at the point of operation, and enables workers to learn what they want, where they want, and when they want. M-Learning Improves access to information, that people can update their knowledge continuously to satisfy the demands, which want to improve culture Experience of life.

OBJECTIVES OF RESEARCH PAPER

1. Understands the concept of M- learning.
2. To understand the use of M-learning in education.

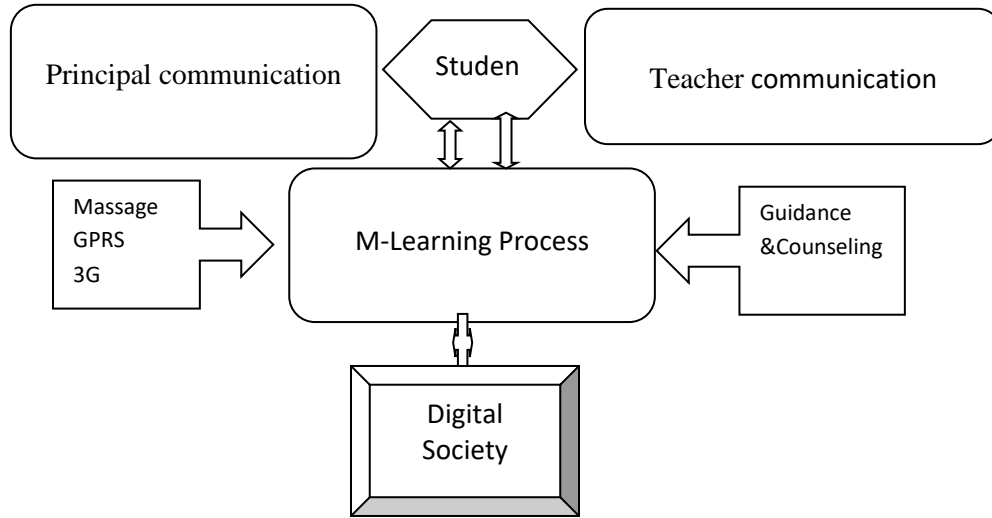
3. To study the advantages and disadvantages of M-learning in education.
4. To explain the Important of M-Learning process in education.
5. To explain the M-Learning process need and challenges.
6. To explain the concept of Digital personality and digital Society.

M-LEARNING- CURRENT PRACTICES

The learners use to mobile share photo and news with classmates and teachers via the mobile phones. M-Learning provides an opportunity to get touch with the group of hard to reach learners.

Every student participate in mobile learning has equal opportunity to make quality presentations, communicate with faculty and access course materials without waiting for the campus computers. Student have to access and assignments and results. Student use mobile phones to collaborate with peers, faculty and experts in their area of study. Mobile devices have been mainly used for :

- gathering responses from student
- Collaborative data gathering
- supporting communication among group members
- helping the co-ordination between the learning activities
- enhancing the student engagement
- having effective interaction between student and teacher
- autonomy, anonymity and motivation to the learners.
- easy adoption to student and teachers
- accessing word, phrase translations, and practicing new word in language learning
- creating learning community
- assessing to a variety of learning resources
- enhancing self-direct learning.



RESEARCHERS ON M- LEARNING

Distance Education - The main advantage of mobile in higher education is collaboration between student , with the sharing of information and questions resulting in both are asking and answering questions they may not otherwise have thought of. Certainly the integrative nature of learning is increased compared to textbook . The use of mobile technology is distance education could provide more flexibility of learning .

SMS And MMS facility :-

SMS (Short Message Service) system make a student to feel positive ,convenient and personal than Web Email system. SMS system was considered as significant to spread information about lecturers and class ,corrections in the schedule . MMS (Multimedia message system) among teachers will lead to more and more possibilities for M-learning.

GPRS :-

Blue tooth and GPRS (General pocket Radio service) are use in Paperless education , when the traditional classrooms were replaced by electronic tools. The student were strongly encouraged to communicated and learn together.

Language learning :-

The abundant features and availability of mobile technologies enhance the feasibility of mobile language learning. The mobile learning with smart phone has the measurable impact on second language learning than online learning with personal computer.

ADVANTAGES OF MOBILE LEARNING

Mobile learning is very popular and in the past few years, its use has increased extensively. Mentioned below are 5 advantages of mobile learning and why it should be used:

1. Access anywhere and anytime

Since mobile learning is all about studying through mobile using the internet, it can be accessed from anywhere in the world and anytime.

2. Covers a huge distance

The main benefit of mobile learning is that it covers a huge distance, so even if you are in Canberra, Australia or in California, United States of America, you can access the same content or tests at the same or different times. Distance is not an issue in mobile learning.

3. Variety of content

A lot of content is present online. Due to its huge variety, it becomes very easy for people to access it; and also, a huge amount of people from different corners of the world can access it for different topics or related to different subjects.

4. Encourages students

There are many educational apps that use online quizzes to keep track of your progress (daily, weekly or monthly, depending on firm to firm). The study is presented in such a way that it attracts the students; hence, there are game quizzes that encourage students to perform better from their previous score.

5. Tests your knowledge

As discussed in the above point, online quizzes are made and solving these quizzes, puzzles or riddles

helps you expand your knowledge. Apart from just study material, there are different types of other quizzes, puzzles, multiple-choice questions, etc. that are available on the internet; playing these games you can test your knowledge and even increase your IQ level.

DISADVANTAGES OF MOBILE LEARNING

As good and alluring as the advantages sound, there are also disadvantages of mobile learning. Every coin has two sides, so, here are 5 disadvantages of mobile learning, listed below:

1. Software issues

Software is an application that runs on a device according to the instructions embedded in the software at the time of coding. Even though it seems like the life of software is smooth, there are other external factors that hinder its smooth life span. These external factors are changing trends in the field of IT. Software compatibility issues, not upgrading to a new version, regular system crashes, etc. are some of the issues that hinder the working of the software, thereby interrupting your smooth mobile learning experience.

2. Hardware issues

Unlike the software, hardware uses physical devices. The physical devices used can wear out after a period of time. They can wear out due to overuse, dust, using the device roughly, etc. These are some factors that interrupt the smooth working of the mobile or other devices.

3. Distraction

Using mobile learning, also, creates a lot of distraction. Many students open the mobile to learn something and end up using social media websites, chatting, sharing pictures or playing video games. These types of distractions waste one's time, which could have been used to perform a meaningful task.

4. Misuse

Many students also misuse the device for different purposes. Some misuse it just for fun, and some have secret, evil intentions which are definitely not good and need to be prevented.

5. Lack of internet connection or electricity

This can be a problem in rural areas and in areas where the usage of the internet and electricity is not yet prevalent. When you have a device, but you do not have the electricity or the internet required for you to run the device and avail the facility of mobile learning,

then what's the fun? In order to enjoy your experience of mobile learning, make sure you have met all the requirements needed to have the best experience for mobile learning.

CHALLENGES TO M-LEARNING

The main technical challenges to the mobile are connectivity, battery life, interacting with small devices, displaying useful content in small screen devices, continuing expansion of broad band wireless networks, low resolution of displays, diversity of operating system. The other challenges are develop an appropriate theory of learning for the mobile age, design of technology to support a lifetime learning, tracking of result and proper of this information, how to assess learning outside the classroom, how to support learning across many contexts. The training of M-learning has challenges like widely dispersed staff / student base, constant mobile workforce, rapid deployment of training, pull stop from their jobs to the classroom.

RESEARCH METHOD

For the present study, the researcher was follow the survey research method.

SAMPLE SELECTION

For this research 100 Students from schools in Amravati District was be selected through Random sampling method.

CONCLUSION & RECOMMENDATIONS

1. Digital citysition and Digital society has newborn concepts.
2. M-Learning process and data base management and paper less work management must be development.
3. M-Learning process is must important for syllabus and educational planning.
4. Despite the limitations, disadvantages and cultural barriers, initiatives to promote m-learning at every level of education are growing every day.
5. The breakthrough technology and the current mobile device penetration indicate that in the future, m-learning will no longer be an option.

6. The use of mobile devices to support learning will be a necessity in a modern educational system.
7. Through the use of mobile technology, students can easily and quickly access and use learning resources anytime, anywhere. .
8. If we analyze the disadvantages, limitations and barriers, in an m-learning environment, it should be understood that an m-learning deployment cannot be limited to buying and operating mobile technology. It is necessary to take into account.
9. Currently, m-learning plays an increasingly important role in the development of learning teaching methods in higher education.

REFERENCE

- [1] Emran and K. Shaalan, "Learners and educators attitudes towards mobile learning in higher education: State of the art," in 2015 International Conference on Advances in Computing, Communications and Informatics (ICACCI), 2015.
- [2] Campanella, P. "Mobile learning: New forms of education," in International Conference on Emerging E-Learning Technologies and Applications (ICETA), 2012.
- [3] Torres J. C., A. I. Moro, and P. V. Torres, "Mobile learning: perspectives," Univ. Knowl. Soc. J., vol. 12, no. 1
- [4] Sarrab.M H. Al-Shihi, and A. I. Khan, "An Empirical Analysis of Mobile Learning (M-learning) Awareness and Acceptance in Higher Education," in Conference on Computing and Network Communications
- [5] Singh,V.(2005). practical approach to educational technology. New Delhi, Akandha publishing house.
- [6] www.m-learning.org