# Shifting Learning in to Mobile Learning and Teachers' Attitude towards it.

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## ABSTRACT

The potential of Mobile phone technology huge and it has broken ground for enhancing knowledge, in higher education. however, it was found that there was lack of academic researches on the use of mobile phone technology for knowledge sharing process in educational system. Today's teacher must be updated with innovative technology like mobile technology if they want to sustain in the field of education. There is a lack of awareness of mobile learning among most of the teachers in our country. We have written this paper after reviewing some papers related to Mobile learning and it has been found that using Mobile devices in the classrooms scenario and other educational purposes play an important role in enhancing learning. It has also been found that teachers and students have positive attitude towards mLearning in foreign countries and our country also. So researchers' main objective was to give emphasis on using the mobile devices in our education system.

**Key terms--- Mobile Learning, Attitude, E-Learning, Mobile phone**

## Introduction

Learning is continuous process. People learn from the different modes and different objects. Generally, learning has positive as well as negative aspects but as far as 'learning in education ' is concerned, has only positive aspects of learning is entertained. In ancient time, students learn orally with the delivering lectures of teachers. Gurukuls are the best examples of the same. But with the passage of time, human being went on developing and mode of learning got many

changes. With the development of science and technology, the access of people to learn became easy. After independence, many schools and colleges were established where students learn with the help of notebooks, pencils, pen, teachers etc. But we know very well that change is the law of Nature and same thing can be applied in learning environment. Past 15-20 years, a great change occurred in learning process and that was E- learning. People began to use computer in learning process. E- learning means to learn with the help of internet, computer and other devices. This may be also termed a On-line learning. Today, there are many online learning courses like Mooc, Blogs etc. E-learning also plays an important role in Distance learning. It has modified the dimension and direction of the distance learning.

As around 1990s, Mobile phones were not as cheap as at present so people began to use internet on computer in learning process, but now-a – days situation has been changed. Mobile phones are not as costly as were in past few years so people started Mobile phones in learning process instead of computers. Learning with mobile phones is generally known as m Learning or Mobile learning.

Mobile learning or m learning is a mode of learning using smart phones, tablets as learning devices and it is the part of E- learning. However, m learning is more flexible than e learning because students can learn anywhere, anytime. M learning is an important new learning strategy because mobile devices are now necessary tool in students' daily life because mobile are so cheap today in comparison of past years. Major differences based on their charactertics between m learning and e learning as follows:-
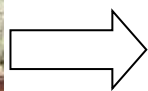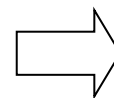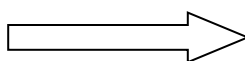
| E- Learning | M learning |
|---|---|
| 1- Computer | Mobile |
| 2- Multimedia | objects |
| 3- Interactive | smart phones |
| 4- As a whole | Part of e learning |
| 5- Hyperlinked | connected |
| 6- Media rich | lightweight |
| 7- Distance learning | situated learning |
| 8- More formal | informal |

### Difference between Traditional learning and M learning

| Basis | Traditional learning | M learning |
|---|---|---|
| 1-Time | often constrained by | no time constraints |
| | Formal college houses | learning can take Place, anytime |

|  |  |  |
|---|---|---|
|  |  | **Anywhere, you** |
|  |  | **You can carry and** |
|  |  | **Use a mobile device** |
|  |  | **Anytime of the day** |
| **2-Private** | **not** | **Private** |
| **Learning** | **private** | **Learning can** |
| **3- Context** | **highly limited** | **take place in** |
|  | **To a set location** | **numerous** |
|  | **And framework** | **environments** |
|  |  | **& social setting** |
|  |  | **Where wireless** |
|  |  | **Can be obtained** |
| **4- Formal/** | **formal** | **informal** |
| **Informal** |  |  |
| **5- Personalized** | **limited in all** | **personalization** |
|  | **All aspects of** | **through** |
|  | **Differentiation** | **applications** |
|  | **And concepts taught** | **concepts and** |
|  |  | **Often the** |
|  |  | **Ownership** |
|  |  | **Of devices** |
|  |  | **Modified for** |

Technology is responsible in change of mode of learning. Mobile technologies have changed our societies in many respects. They have affected the way people interact with each other, how people communicate, work, travel and learn. Mobile devices and technologies are now universally occurred, accepted and used. Shifting of learning from one mode to another:-

**Gurukul learning**      **General classroom learning**



**M**

**E learning**

Now researchers and educators all over the world have recognized potential of mobile technologies as learning tool and mobile tecnologies has promoted a new learning style.

Now we throw a cursory glance about the researches related to m learning in reference of Attitude

Emran and Shaalan (2015) conducted a study on attitudes towards the uses of mobile learning: a case study from gulf region and found that students in UAE have more positive attitude towards mobile learning

Teoh and Yuen also found positive attitude of the students towards m learning in their study entitled " Attitude and preparenes towards mobile learning in class room."

El Boukhari (2015) found positive attitudes of students and teachers in his study " Teachers' and students' attitude towards the use of Mobile assisted language learning.

Fahad N Al Fahad (2009) found positive attitude of the studens towards m learning in his study " Students attitudes and perceptions towards the effectivenes of mobile learning in King Saud University" Saud Arabia.

Pit and Ankita(2015) conducted a study " A viewpoints and attitude of students towards future of mobile learning in education industry in India" and found positive attitude trowards m leraning.

Mohhammad Yousef Mai(2015) found psitive attitude towards m learning in his study entitled "Science teachers' attitudes towards mobile learning technologies in Malaysian schools."`

If we see above mentioned data, it is clear that students and teachers have positive attitudes towards mobile learning. Many studies habe conducted on this topic in many foreign countries like Kuwait, UAE< America etc. Some studies have also been done in our country resulting the positive attitude towards mobile learning, but this innovation is not being used in formal classes in our country as an innovative tool of learning. It is more needed to apply this tool in our formal education as there are many advantages of this tool—

1- **Flexibility**—Flexibility is not limited to any one place on time any more: Flexibility in m learning also involves using educational videos and other populer education multimedia assests on smartphones.

2- **Collaborative learning**--  engaging learners towards the establishment of online learning communities is more effective using mob ile devices. This is the one of the biggest mobile learning advantages, as learning as a process quite often suffers from lack of collaboration among e learners.

3- **Higher engegement**- extent researches revealed a higher engegement rate when courses are delivered using the mobile format. One the advantages of m learning offers is that of personalization, which adds to the sense of engagement and motivation of the users. Moreover, the fact that mobile learning is accesible anytime, anywhere,anyplace by the users, helps learners stay on track with their training, which results in less droupouts.

4- **Miltidevice support**—perhaps one of the most significant benefits of the mobile learning in education is that of multidevice support. In mobile learning enviorenment, the same course is available on various devices ranging from PCs, laptops, tablets and smartphones.\

5- **Performance support**—Learners prefer methods that are as unobstrusive to their daily routine as possible. This creates a learning habit that yields higher quality performance. It facilitates easy access to information while at work. And this part here is probabbly one of the biggest advantages of Mobile learning. When learners are able to find and retreve just in time information easily using their personal mobile devices, this facilitates their overall learning experience.

6- **Learning path**—Phone based remainders and organizers are integreated with m learning plateforms. Learners get ongoing notifications and updates on their courses, which they check anywhere,anytime. This can also resume their course easily, without unlearning previous content. The learning pathj established in an m learning plateform is more personalized and continuos.

7- **Encourages self-paced learning**--  No  two learners are the same. With mobile learning, learners are now able to learn in their own style and pace. **It is just like Program Instruction Strtegy**. In a class room scenario. Occassionally there will be a few learners

who would not have the understood the concepts clearly buthesitate ti ask dor a re-explanation. In m learning, nobody knows or cares how many times you revisit the course, whis gives the fredom to do it untill you have undestood atall.

Conclusion- If we think deeply above mentioned description, we come to know about the importance of m learning and use of mobile phones in our educational system. We can know how m learning makes the learning easier than e learning and traditional learning. It is the era of science and technology, development of new trends etc. and if we do not be updated with  the proper use of  innovative technologies, will be far behind more than other countries in race of development.

At last, we would like to say that our educationist, teachers,policy makers and government should pay attention on this burnt issue and make body to enrich mobile learning in class rooms to achieve the aim of education.

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