

M-Learning: An Innovative Tool for Learning



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M-Learning



- E-Learning is the use of network technology to design, deliver, select, administer and extend learning. Nowadays mobile learning technology efficiently used for learning.
- Therefore M-learning is described as E-learning mobile computational devices. It is innovative tool of learning; it is used for supporting the e-learning. In M-learning more emphasize is given on mobility of learner than the devices used for communication.

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- Teaching-learning process undergoing changes with the developments that are taking place in the field of Information Communication Technology. Nowadays M-learning has an effective and popular mode in teaching-learning process. M-learning is the learning using mobile technologies such as mobile phones and hand held computers to enhance the learning process.

Why M-Learning



- 1. Interactions with various technical tools
- 2. Networked based
- 3. Internet / Intranet based
- 4. Faster learning at reduced costs
- 5. Includes- Texts, Video, Audio, Animation and Virtual environments
- 6. Increase self motivation
- 7. No limit of time and place
- 8. Convenient for mobility
- 9. Immediate feedback
- 10. Self evaluation
- 11. More affordable

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- 12. Frequent connectivity
- 13. Accessible
- 14. Learner centered
- 15. Consistent Instruction
- 16. Transparent and Authentic System of Education
- 17. Learning with self pace
- 18. Use of portable technology
- 19. Rich Multimedia Device
- 20. Data Storage Capacity
- 21. Clear Accountability for all participants in the learning process

Technologies used for M-Learning



- Bluetooth
- You tube
- Short Message Service(SMS)
- Multi Media Service (MMS)
- Global System for Mobile Communication
- Twitter
- WAP(Wireless Application Protocol)
- PDA(Personal Digital Assistants)
- Ping Chat
- Cameras Embedded into mobile phones

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- MP3s and MP4s
- General Packet Radio Service(GRPS)
- 3G and 4G Phones

Prospective of M-Learning to enhance Learning



- 1. M-learning applications helps learner to record audio clips, video clips, makes e-books easily.
- 2. For effective learning, learner can download different types of educational video clips, audio clips, images, charts and maps.
- 3. Learner can use MMS, SMS, E-mail and also mobile calling to communicate and update their knowledge.
- 4. Learner can download various types of mobile educational softwares, E-books, Audio books, Audio books and Dictionaries through on-line mobile internet and use it for enhancing learning.
- 5. Learner can interact with teachers through voice and by exchanging written messages.

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- 6. Learner can solve their educational problems by calling or messaging to subject expert.
- 7. Learner can develop competencies among them by updating information about educational programmes like conferences, workshops, seminars through mobile calling and messaging.
- 8. Nowadays smart phones and PDA (Personal Digital Assistants) have all modern computer functionality capabilities like internet and rich multimedia so it can be used as educational tool.
- 9. M-learning is useful for developing distance educational strategies.
- 10. Learner can make video or audio clips of educational programme and distribute among other learners.

Conclusion



- M-Learning is advanced form of E-Learning which is originated for supporting E-Learning. It can be used variously for learning. M-Learning is an innovative tool of learning which makes learning convenient, more affordable, accessible, learner centered, interested, exciting and effective. But it requires new skills, competencies and attitudes among the learners.

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