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EMERGING TRENDS IN EDUCATION: ICT

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Abstract
Education is important not only for the full development of one's but also for the sustained growth of the nation.The world moving rapidly into digital media and ict .the role of ict in education trends is becoming more and more important and this importance will continue to grow and development in the 21 st century. Today's world is moving at a faster pace as we entered in the ictage.Information regarding any thing is available to us at our finger tipsor just at a click of mouse this is all possible because of ict have entered in all aspect of life. Ict development has gradually entered in the education.They have reflected in the teaching learning methodology,stratigies
Now a Days technology has changed the whole World. It may be education or any othesector of economy. This technology has changed global platform. Where every we study connected to each other with help of this technology.New Emerging Trends in Education :like Cloud based technology in education , Mobile learning :, Digital textbook of Tablet and Laptops , Learning through smart board , Social Mediaetc.This paperwill be focused on new educational technologies and their integration and application in school.

Keyword :ICT,Cloud based technology, Mobile learning, Social Media , Flipped Classroom ,E-readers, Tablets etc.

Introduction: The world moving rapidly into digital media and ict .the role of ict in education trends is becoming more and more important and this importance will contimue to grow and development in the 21 st century. Education is important not only for the full development of one's but also for the sustained growth of the nation. There are profound changes on in the educational system. These changes are needed becauses of ever growing presser in the schools systems themselves. Society itself is changing into knowledge work and because of information and communication technology. School now recognize the influence wireless and mobile technology are having on their students as well as how its shaping new ways of thinking and teaching . Let us see some emerging trend in Education. Today's world is moving at a faster pace as we entered in the ictage.Information regarding any thing is available to us at our finger tipsor just at a click of mouse this is all possible because of ict have entered in all aspect of life.Ict development has gradually entered in the education.They have reflected in the teaching learning methodology,stratigies .The advance of Ict development were restricted only for the defencepurpose

- **Emerging Trends in Education :** Now a Days technology has changed the whole World.It may be education or any othesector of economy.This technology has changed global platform.Where every we study connected to each other with help of this technology.
- **Cloud based technology in education :** Cloud base classroom technology can be ideal in the situation.where the student cannot go into a classroom or attend normal classe.These can include basic text lessons,video lesson or even the student can live chart sessions with the teacher via instantmessanger or video messanging programs like skype.One of the main reasons is as a means of reducing expensive.It costs while providing a service that is easily accessible from any kind of device.These platforms also have thepower to create truly global education communities.
- **Mobile learning :** Student of all generations will be able to fit their education to their lifestyle and convenience and affordability of mobile devices will facilitate.access for all mostly people

use mobile phones for internet rather than computer.The traffic of mobile users has increased twice compared to computers and mobile companies are developing learning apps for the education sector.Mobile learning provides 3a ,anytimes,anywhere,access to content and community,as well as allows for contextual and supplemental learning at given location.ex downloading a museum's apps : a student could participate in an art history class on his /her phone while visiting any museum of art.

- **Digital textbook of Tablet and Laptops :** Rather than traditional on conventional teaching methods institutions are changing their teaching methods with advance technology like; laptops and tablets rather than books and blackboard for the teaching purpose.
- **Learning through smart board :** The smart board provides the facility for learners to active participate in teaching learning process. It is easy to understand the subject through writing ,teaching and drawing .In this learning processes every student has a facility to participate in the discussion via tablets and notebooks.Its make easy and fun learning. We might think it would cost more to provide tablets for every students in school but think about it that how many textbooks the students are saving every year.Textbooks are getting more expensive and they are used afor seven years before a new edition comes out.A digital textbook would be more cost efficient and can easily updated the recent information.
- **Social Media** : There are many ways to use social media for learning. An online group can brings students together to work on a project or assignment .Just as Twitter can be used to organized interactive conversations or discussion based on a specific subjects. Social media is the right wireless infrastructure can be useful teaching learning tool for teacher and student. When using social media for teaching.Teacher have to teach the student how to use it in proper way.Many schools have a digital citizenship coat that students must follow that reinforces a positive message around the use of social media in shool.The best things of social media is that teachers can use a medium that the students can understand and enjoy the learning and get everyone involed.
- **Integration and application of Ict :** Information and communication technology can impact on student learning when teachers are digitally literate and understand how to integrate Ict into curriculum.

  School use a diverse set of ict tools.Ict has also become integral to the teaching –learning interaction through such approachers.

  - Replacing chalkboard with interactive digital white boards and smart board.
  - Student use smart phones ,Class time table,laptopetc for learning during class time.
  - With the help of flipped classroom model student watchs lectures at home on the computer and use classroom time for more interactive exercises

    When teachers are digitally traines and literate to use ict,these approaches can lead to higher thinking skill,provide creative.This is a individualized options for students to express their understanding and make for better prepared to deal with ongoing technological changes in the society.

    The Ict policy in school education aims at preparing youth to participate creatively in the establishment,sustenance and growth of a knowledge society leading to all round socio – economic development of the nation and globalcompetitiverse.

    Digital literacy is being built through the incorporation of Ict into schools some common applications of Ict.

- **One laptop per child**: less expensive laptops have been designed for use in school with feature like lower power consumption, a low cost operating system and special reprogramming and mesh network functions.
- **Tablets :** In expensive learning software or apps can be download into tablets making them a versatile tool for learning.
- **Interactive white or smart board :** It allows projected computer images to be displayed manipulated dragged,clicked or copied .Handwritten notes can be taken on the board and saved for lated use interative boards are associated with whole class instruction rather studend- centered.
- **E-readers :** With the e– reader electronic devices,handreadsof books hold in digital form and they are increasingly utilized in the delivery of reading material. Feature of e readersthat can contribute to positive use include their portability and long battery life,response to text,and the ability to define meaning of difficult words. Challenges before Education system beneficially leveraged to disseminate information.
- **Flipped Classroom :** The flipped classroom model,involving lectures and practice at home via computer – guided instruction and interactive learning activites in class can allow for an expanded curriculum .
- **Conclusion** :Ict can provide diverse options for taking in and processing information,making sense of ideas,and expressing learning.Most of the students learn best through visual and tactile modalities and ict can help this students experience the information instead of just reading and hearing it

Refrences :

1. *MangalS.,UmaMangal.(2009),Essential of Educational Technology,NewDelhi,Phi Learning private limited.*
2. *www.google.com*
3. *www.Scholer.google.co.in*
4. *Blogs.world bank.org.*
5. पाटील □वनोद,(2013),शालेय व्यवस्थापन प परीक्षेसाठी संगणकाचा □व□वधांगी उपयोग,□शक्षणसमीक्षा.
6. चव्हाण □क्रशोर,(2004),माहिती संप्रेषण तंत्र□वज्ञान,ना□शक,इनसाईट पब्लिकेशन.
7. मुडेगावकंर गणेश संपादन ,मूल्यमापन नव□वचार प्रवाह, ना□शक,इनसाईट पब्लिकेशन.