



Professional Development in Teacher Education Institutes Through Multiple web tools

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ABSTRACT

This is an era of catastrophic changes in every field including education due to rapid advancements in Science and technology .Simultaneously knowledge is expanding at lightening speed ,to keep track of advancement the learners need Teaching in today's classroom is technology driven. To be a successful learner, learners need to develop skills in self-directed learning. To transform the learners from being passive receivers to active investigators of knowledge. In this paper, it is discuss about some multiple web tools such as g-mail, yammer, Glogster –Edu , Learnist, You-tube, Edublogs, google ,wikis, podcast are presented to learners for interaction and exchanging ideas. New multiple web tools which support to learner's liberating learning in teacher education. Its develop their competence in using them.To be a successful learner, learners need to develop skills in self-directional learning.

KEYWORDS : Multiple web-tools, self-directional

The UNESCO (2002) documents "Information and Communication Technologies in Teacher Education: A Planning Guide", states the importance of ICT in teacher education as follows :

With the emerging new technologies, the teaching profession is evolving from an emphasis on teacher-centered lecture-based instruction to students centered, interactive learning environments. Designing and implementing successful ICT – enabled teacher education program is the key to fundamental, wide ranging educational reforms .Teacher education institutions may either assume a leadership role in the transformation of education or be left behind in the swirl of rapid technology change For education to reap the full benefits of ICT in learning, it is essential that pre-service and in-service teachers have basic ICT skills and competencies. Teacher education institutions and programmes must provide the leadership for pre-service and in-services teachers and must be model in the new pedagogies and tools for learning. They must also provide leadership in determining how the new technologies can best be used in the context of culture, needs and economic conditions within their country.

The above passage explains the vital need for incorporating ICT in teacher education i.e. in pre-service and in-service. The above passage further strongly suggests that there should be articulation and dissemination of a vision of how ICTs fit into the broader society and education. It is essential that the policy maker and educationalist can build strong national policy that how ICT is can be implemented to improve the teacher learning process. This paper focuses on some multiple web tools such as g-mail, yammer, Glogster –Edu , Learnist, You-tube, Edublogs, voki, google ,wikis, podcast are presented to learners for interaction and exchanging ideas. new multiple web tools which support to learner's liberating learning in teacher education. Its develop their competence in using them. Few of them are:

E- pals : E pals has many features to promote global awareness, elevate learning opportunities and foster community cohesiveness these includes, market-leading school mail, a secure email system, collaborative projects, instructional guidance, instructional translation tools etc. E pals, the leading provider of school safe collaborative learning products for students, teachers and parents, has been dedicated to helping learners from around the world connect and interact with each other online in a safe, educational environment. E pals connects teachers, students, parents and educators from around the world, enabling them to communicate and collaborate on academic and cultural projects and establish international friendships.

Paw Toon :The purpose of the present study is to provide the pre-service History teachers an exposure to one of such digital tools " PawToon" and study their perceptions about its utility in teaching of History. An idea of SOLE is that learning should take place in the self organized environment with the use of ICT. Here, students can learn in groups and teacher works only as a mediator who raises questions and stays aside. Constant encouragement is the key for the success of this idea and transforming learning from threat to pleasure is the mo-

tive behind this idea.

M-learning: Mobile technologies can also be used to support teachers' day-to-day activities in and outside the classroom. Mobile devices can help streamline teachers' administrative tasks and facilitate communication with parents, students and colleagues. Teachers use the tools offered by many smart phones to support lessons, collect data for assessments and reflect on practice.

Twitter : the words most famous micro blogging twitter neatly embodies the concept. There are 140 characters in the maximum length in the case.

Edu-blogs: In educational blogging services for safe, secure class-sites & e-portfolios.

Glogster-Edu : support the creation and sharing of Glogs-interactive posters loaded with text, graphics,music, videos ect. Glogster-Edu is a secure learning platform to teacher and learners.

MOOCs : The new trend in dissipating courses in higher education through the Massive Online Open Courses or MOOCs, being provided an opportunity which everyone must utilise. on the potential advantages that the MOOCs offer to teacher & learner's for personal and academic development.

Wiki :By connecting to the information and people on the Internet, students can collaborate with their peers both in the classroom as well as in home. "Wiki" is a composition system; it's a discussion medium; it's a repository; it's a mail system; it's a tool for collaboration. Wikis empowers us with the ability to collaborate online in developing websites and documents. In this paper we will explore how we can use wikis with our students to facilitate collaborative online learning spaces

Spoken tutorial : Learning is more effective when animation and narrations are presented simultaneously. Audio-video demonstrations can illustrate features with maximum clarity. One such means of effective learning can be achieved by Spoken Tutorial using Cam Studio. Spoken tutorial refers to explaining a computer based activity, along with a live demonstration of it in parallel, with a running commentary without any language barrier .

Educational importance of New Digital technological tools

Share ideas and resources for teaching activities.

- You might like to start a class blog
- Provide online readings for your learners to read and respond to
- Gather and organize internet resources for a specific course, providing links to appropriate sites and annotating the links to highlight their relevance
- Post instructions for assignment such as prompts for writing

- Showcase students work such as art ,poetry and creative stories
Post photos and comment on class activities
- Link your class with another class somewhere else in the world.
- You can have your students create their own weblogs to
- Create an ongoing portfolio of sample of their writing
- Writing comments ,opinion ,or questions on daily news items or issues of interest
- Discuss activities they did in class and tell what they think about these activities
- Carry out project work in small groups & project –based learning

Conclusion : Twenty-first century technology has changed the way tools are used to support and enhance learning and instruction. Its provide new opportunities for education and training, as they enhance learning and teaching, and facilitate collaboration, innovation and creativity for individuals and organizations therefore, the Main aim of the teacher education programme in today's digital age is to prepare future teachers to cater the needs of learners and utilise different technologies.

References:-

1. Oliver, R. (2008) **The Role of ICT in Higher Education for the 21st Century: ICT as a change Agent for Education**. Western Australia : Edith Cowan University, Perth,.
2. Agrawal, J. C.(2007) **Essential Of Education Technology :Teaching Learning**. New Delhi: Vikas Publishing House
3. Chakroborti, M. (2006) **Teacher Education Modern Trends**. New Delhi: Kanisha Publisher
4. Pall, G. (2008)Quality Process Management .Englewoods Cliffs,NJ : Prentice-Hall
5. Paneer Selcarn (2009), "**Global Trends in Teacher Education**", (Ed.), New Delhi : A.P.H. Publication.
6. Singh Shireesh Pal (2009), "**Application of Information and Communication Technology in Education**" : A Revolution in Teacher Education, ICT in Professional Education (Ed) by Saxena J. & et al. New Delhi : APH Publishing Corporation,
7. Kaushtik , V.K. & Sharma, S.R.(1997) **The Essentials of Teaching & Learning**. New Delhi : Anmol Publications
8. Mujibul, H.S. (2004) **Technology in Teacher Education**. New Delhi: APH Publishing Corporation
9. Chitrasen, (2007) **Modern techniques of Education in global age**. New Delhi : Alfa Publications
10. Wadsworth, H.,Stephens , K.and Godfrey, (1983) **A Modern Methods For Quality Control and improvement** .New York : John Wiley And sons,
- [http://www.teachersn.com/ general/ict-for-teacher_education.html](http://www.teachersn.com/general/ict-for-teacher_education.html). Journal of Community Guidance & Research, Vol.27, March 2010