TEN E LEARNING TECHNIQUES FOR EFFECTIVE LEARNING :
A PEDAGOGICAL APPROACH

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Abstract

In the recent years due to the massive change in the Educational trends and with advent of new technologies, Educational pedagogies have been shifted from teacher towards students. These pedagogical changes are more effected by the technology and e resources. Technology affected the pedagogy of teachers and the students learning which has become more flexible, advanced and enhances sharing and earning . This paper focuses on the use of 10 new technologies which enhances teachers pedagogical practices and students learning . These technologies not only enhances teaching – learning process but also provides the platform for knowledge sharing and earning through the study material.

In the 21st century the focus of education has been transformed from teacher towards the students. Education system concentrates towards the students, their needs their psychology, their mental abilities, learning outcomes, learning strategies, application of gained knowledge etc. In traditional teaching, teachers use to deliver the content to students through verbal mode (Lecture method). Late in 20th centaury teachers started using the assisted material to enhance the teaching learning process.

The traditional ' Chalk and talk ' method of teaching is persisted for hundred of years is now acquiring inferior results when compared with modern and revolutionary teaching methods. In 2015, we are still discussing the blended learning & e-learning. In our curriculum we are just using the basic e-learning resource which are in the macro state.

According to the changing needs we need to reframe the pedagogy which is directly related to teaching learning process. Use of technology has gained prior positions in the pedagogy. Thus for effective learning teacher should have pedagogical technical content knowledge.

This pedagogical, technical content knowledge was given by Mishra & Koehler (2006). They asserts that technology has always been related to education but the key aspect is always

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interacting among these elements, pedagogical actions are key to successful technology use in classroom. These pedagogical technical content knowledge (PTCK) now a days motivates the educators towards paradigm shift from, traditional pedagogy towards new pedagogies. Earlier two variable were important for teaching learning process, i.e. Teachers & students but in addition to this technology also gained prior position in pedagogy.

Expectations from the New Pedagogies :

1. Making learning more open, flexible, accessible and meaningful for   teaching – learning process.

2. Better use of technology for effective, mobile, entertaining and easy way of learning which students not only understand but also enjoy it. This enhances deep learning which promotes Virtual worlds and gaming have place in compulsory education.

3. Flexibility among the teacher & students relations.

4. Enhancing the interaction between the students and teachers.

5. Break the behaviour of teacher as orators to as a guide or mentor and sometimes a friend who shares the knowledge and help to acquire knowledge.

6. Motivate for self – learning and open educational resources to all and give equal opportunity to teachers as well as students for enriched content knowledge.

7. E – learning and collaborative / co- constructive pedagogies go together.

A teacher's orientation to pedagogy is thus critical to learning effective e- learning opportunities do not happen without a teacher's deliberate pedagogical actions. These opportunities create spaces for interaction, collaboration and thinking to occur in educative ways, using e-learning tools and affordance to authentic ways. **Naussbaun ct. al (2009)**

According to Garrison and Anderson (2003) : E- learning has significant potential to alter the nature of teaching and learning transaction ...... e - learning becomes an opportunity to examine and live up the ideal of the educational transaction.

Cousin (2003) wrote : Pedagogies never live independently of the prevailing media. Technologies work dynamically with pedagogies, not for them and in the process becomes mutually determining .   Thus teacher as well as students can make use of the following. New Technologies in teaching & learning process.

1) **Flash Notes :**

Gone are the days when students tried to write the running notes of the teachers or sometimes copy the notes from the friends. But taking notes from friends is hilarious job or unpleasant to them.

Flash notes allows students to upload their lectures notes and sell them to other students who need more help or resources. The rating system allows the best note taken to get more business and the general pool of knowledge expands as students continue to share their work with one another.

2) **Lore** :

Is an educational plat form like face book which works for the field of education. Like face book this is a social networks which provides the platform to students, professors to communicate with each other, share knowledge, follow each other and discuss class work & lectures.

Lore has a facility to upload documents, share calendars and reference books. This platform is better option for academicians as social networks are not always best place to discuss academic things. Here students can follow their professors and interact with them easily without worrying about their personal relations with friends as this platform is purely academic.

3) **Study blue :**

The days are not far away when smart phone will be seen as a primary source of study material. Study Blue company created mobile app which allows the students to store their notes, flash cards, organize their course work and share their material with other students.

As this is mobile app it can be used anywhere anytime. Whether standing in line in Bank, travelling in train, a student can easily access their class work and prepare for an exam. The social aspects of this app is that it brings together people studying similar subjects, and having opinion on different sets of notes & study guides.

4) **Chrombooks :**

Upcoming device by Google i, e, chromebook may snatch the attention among the popular tablets. As chromebooks will be useful for the lower standard classes.

These chrombooks are cheap, easy to control settings and restrictions, key board can be attached to it for fast typing & note making, hardware are cheap and can be easily fixed.

These chrombooks will be popular in small kids.

5) **Celly**:- Celly is text-messaging network that allows anyone to create a network anywhere in the classroom, at any event or on an excursion using smart phone . Now days teachers complains about the students mobile use which distracts teachers learning. The teachers who adapted this app have noted that normally the students who never speak up… started writing their thoughts clearly and concisely. Techno savy teachers are now a days adapting this texting messaging network for the academic purposes rather than commenting or fighting against the technology.

6) **Kid Blog**:- Kid blog provides a safe opportunity for children to start up their own blog connected to a classroom. this blog is specially designed for younger students. Teacher can help the students to design the blog around the creative things they have done , projects, lessons on various subjects or entire academic years school progress. The students get the benefit of other students and parents also get opportunity   to see the progress of their ward and can comment on it. Hesitant writers get motivation from these blogs. Kids Blogs main advantage is that it keeps the child aloof from   unnecessary use of internet.

7) **Glogster EDU** :- Its long back when , while doing projects students have to collect things like matchbox, card boards and sketch pen to work on the card sheet papers . Students can use Glogster to creatively display their research. Glogster allows students to collage pictures, videos and custom graphics to create a visually appealing presentations for their latest project. the Glogs are easy to make and share!

8) **Lesson Cast**:- Lesson Cast allows teachers to submit a 2 minutes lesson plan Strategy, Idea or resource using video, documents , power point etc and share it with other instructors. This software helps teachers to help and support with their lesson plans for teaching. The free –based software is just another way to offer networking opportunities and a general pool of knowledge that globally impacts education in a positive way. Teachers paying Teachers is a similar network that allows educators to sell their lesson plans to other instructors.

9) **Knewton**:- This new technology company provides the platform to the students for more personalized content for optimal learning. This platforms monitors the students activity and uses the information to gives the student the best personalized resources based on their level of performance. Knewton   can follow a student through their entire education career. Thus boasts integration among different faculties creating a more comprehensive set of resources that interact with one another.

10) **Live Binder**:- Live Binder allows educators to collect and organize resources for lesson plans. The live binders can also work for students who are amassing resources for a big project. One can also browse other binders and share their own. These live Binders are useful to both teachers as well as students.

Through use of above mentioned technology may not be affordable to all the students in the country like India. But due to change in the world education technology, has started entering in each & every walks of students life and now the time has come that students & teachers use these technologies for learning, knowing & interacting, sharing their knowledge & enhance co – operative & collaborative learning which is socially needed to maintain the knowledge flow within the students as well as teacher & the society.

Use of technology has changed teachers role in Finnish primary school, where the teacher provided 9 computer for students use (Teacher TV, 2006) teachers reported that she no longer saw herself as the expert and controller of knowledge, but was, instead, the organizer of opportunities for students to engage in guided discovery. The considered use of ICT can transform the teacher role, creating new learning environments (Ministerial Council on Education, Employment, Training and Youth Affairs, Austrelia & New Zealand, 2005, p.3)

Research has proved that not only students gain motivation for using e- learning tools but also teachers who embalanced e –learning tevhnologies report to have positive changes to their pedagogy (Alexander, 2008; Alexander 2001; Ballantyne, 2004, L.M. Mitchell, 2007)

Teacher are becoming more focused on student centred active and interactive learning and connected more closely to students prior knowledge and experiences.

Teachers also provide opportunities for students to create, communicate, construct and transform knowledge through regular use of e –learning resources.

Conclusion :

In the 21st century the time has come that teacher should make changes in the pedagogy and accept e – learning resources & technology as a part and parcel of teaching effectively and enhancing the in-depth learning of students by facilitating them to various e – learning techniques & making open the content knowledge resources to them.

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