



A STUDY OF KNOWLEDGE OF WEB BASED LEARNING AMONG B.ED STUDENTS

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Abstract

In the present study Researcher has attempted to find out knowledge of web based learning among B.Ed students. In following research researcher mostly focuses on knowledge of web 2.0 tools among B.Ed students which will help them in making their lesson planning and other practical activities simple and interesting. For collecting information researcher has prepared a questionnaire which was administered on 50 B.Ed students of P.E.S's college of Education having science methodology. Collected data was analysed by using descriptive statistics. Researcher found that students are having primary knowledge about ICT tools used in teaching learning process but it is restricted to only preparing PowerPoint presentation. Web based learning in one such innovative method which will help B.Ed students to make their lesson planning, lesson execution and practical activities more realistic and updated with latest knowledge.

Keywords: Knowledge, Web based learning, Web 2.0 tools



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Introduction

Information and communication technology plays a very important role in making teaching learning process simple and it is been widely used by B.Ed students in classroom as pedagogy. It is been proved through various researches that use of ICT caters to all round development of the child.

"Teachers need to integrate technology seamlessly into the curriculum instead of viewing it as an add-on, an afterthought or an event." -- Heidi Hayes Jacobs, Educational Consultant, Curriculum Designers, Inc.

Use of ICT does not mean use of PowerPoint presentations but it has a wide application. Web based learning is one such application.

Web Based Learning

Web 2.0 tools are online software programs that allow users to do a number of different things. They can be used to teach curriculum content, store data, create or edit video, edit photos, collaborate and so much more. These programs are often free and are used by teachers, students and sometimes parents, both in and out of the classroom, on a pretty regular basis. Web 2.0 is term that was introduced in 2004 and refers to the second generation of the World Wide Web.

Teacher trainees can use these tools for _____

- Planning their daily lessons

Tools such as Pinterest, Edcanvas, Live Binders, Storybird, voice thread etc can be used to prepare daily lesson plans and make their teaching interesting.

- For updating with latest information
Aggie, Awasu, Bloglines are free free tools that teacher can use to stay on top of current events, including headlines and blogs.
- Book mark managers
Delicious, Diigo, Linkedin etc are free tools use to build a personal directory where researchers can tap into sites and materials that have been saved online and share them with others in most cases.
- Classroom tools
Animato, Charles Kelly quiz generator, Crocodoc, Engrade etc. are free tools to help keep students and parents apprised of the students' progress.
- For collaboration
Part of teaching is collaboration. Teachers need to communicate with peers, administrators, and students. Tools such as Base camp, Edmodo, First class, Live text helps in serving above purpose.
- E Learning
The following list includes tools that teachers will find helpful with educational technology or electronically supported learning. Example of some free tolls under this category are Course Builder, E study and open study etc.
- Gamification
By utilizing gaming methods and mechanics, these tools will help teachers bring a little interactive fun and excitement into their classrooms. Eg. Fun brain, course hero etc.

Background of the Study

The present study about finding out knowledge of web based learning among B. Ed student is an attempt to understand the preparedness of future teacher to accept the new trends in education. Web based learning is one of the new trend in education field which is widely used all over the world to make learning more effective. For the above reason changes in the science syllabus at Goa university B. Ed course is been brought and web based learning is a part of science syllabus. As a result of this it becomes mandatory for students to get acquainted with the recent trends in the field of education especially regarding web based learning.

Need and importance of the study

Web based learning is innovative method which consists of tools such as web2.0 tools which helps on finding resources which teacher trainees can use in lesson planning and execution. The question that arises now is educators; especially teacher trainees have knowledge of these web 2.0 tools. So for this reason researcher felt a need to find out if the B.Ed students are having knowledge of the web based learning and specially web 2.0 tools.

Embracing the use of Web 2.0 tools in lesson planning may still be new to many educators. However, it's important to consider how these tools can serve as a powerful companion as we seek to improve and enhance our lessons with students. When we learn to harness their power to bring learning alive in the classroom, it's a benefit to all!

Statement of the Problem

A study of knowledge of web based learning among B.Ed students.

Operational Definitions

Knowledge:

In the Present study knowledge is considered general idea of meaning of web based learning, types of web 2.0 tools, use of these tools in classroom environment and its advantages.

Web based learning:

In the present study web based learning is considered as use of web 2.0 tools by B.Ed teacher trainees for planning of daily lesson, execution and other practical activities.

Web 2.0 tools

Pininterest, Edcanvas, Livebinder, Survey monkey, Slideshare, blogs and Social networking these tools are considered as web 2.0 tools in the present study.

B.Ed students:

The students pursuing B.Ed in the P.E.S's college of Education having science methodology, are taken onto consideration.

Objective of the study

To find out the knowledge of web based learning among B.Ed students

Delimitations of the study

1. Study is delimited to B.Ed students of P.E.S's college of Education Ponda Goa.
2. Study is delimited to use of web 2.0 tools from web based learning

Assumptions of the Study

1. B.Ed. students use social networking sites in their daily activities.
2. B.Ed students have primary knowledge of ICT tools used in teaching learning process.

Research Questions

1. Does B.Ed. students have the knowledge of Web based learning?
2. Does B.Ed. students use web 2.0 tools in planning their daily activities?
3. Will it be useful for B.Ed. Students to improve their teaching skills?

Such types of questions are lurking in the mind of researcher that's why researcher selects this topic for the study.

Procedure of the Study

- **Type of Research**

The present study is both qualitative and quantitative in nature. So the type of research is mixed method research.

- **Research Method**

This particular study is related to the present status that's why researcher had adopted Survey method.

- **Sample** 50 B.Ed students of P.E.S's college of Education Ponda, Goa having science methodology were selected purposively by using non probability sampling method.
- **Tool** – The questionnaire was prepared by the researcher having 20 open and close ended questions.
- **Statistical tool** : Quantitative data were analyzed by using Descriptive statistics i.e percentages is used to analysed data and qualitative data by using qualitative statistics i.e. Coding.

Analysis of the Data with findings

A. Quantitative analysis

1	Use of social networking site				
	Type of response	Facebook	Twitter	Orkut	Any other
	Percentage	91%	13%	2%	46%
2	Purpose for which social networking site is used				
	Type of response	Communicating with friends	For study group	For interest group	Any other
	Percentage	86%	26%	33%	17%
3	Blogs used by the students				
	Type of response	Edutopia	Cycles of learning	Innovative educator	Any other
	Percentage	13%	4%	15%	6%
4	Use of tool pininterest				
	Type of response	Yes	No		
	Percentage	86%	11%		
5	Use of tool live binder				
	Type of response	Yes	No		
	Percentage	91%	7%		
6	Use of tool slideshare				
	Type of response	Yes	No		
	Percentage	76%	22%		
7	Purpose for which slideshare is use				
	Type of response	Copy ppt	Collect ppt	Share ppt	Any other
	Percentage	71%	30%	8%	----

Results:

1. Most of the students use facebook among them very few uses twitter and many of them also uses other social networking like whatsapp, instagram etc. but purpose for which they use these sites is for communicating with friends, very few students have activity and interest group.
2. Some students use blogs such as Edutopia and innovative educator to share their ideas but most of them do not have any idea about use of blogs.
3. Almost all the students have not used web 2.0 tools such as Pininterest, Livebinder, survey monkey etc.
4. Most of the students have used slideshare but purpose for which it is used for only copying presentation.

B. Qualitative Analysis

a. Content knowledge of web based learning

Question no 1 to 4 were based on student's conceptual knowledge of web based learning. Through collected data it was found that most of the students are confused about concept of web based learning.

b. Expression of students on use of web based learning

Question no 20 was open ended question where in students were suppose to give their expressions regarding web based learning. Through collected data it reveals students expresses that web based learning can be used for following purposes.

- to gain latest knowledge.
- to make teaching learning process more interesting.

- to get ideas about preparing teaching aids.
- to improvise lesson plans
- gives freedom to express their thoughts.
- for self learning
- to save time energy.

Finding

Most of the student's expresses that Web based learning can be used by B. Ed teachers to gain latest knowledge and to make teaching learning process more interesting by developing innovative teaching aids. Some students also expresses that web based learning is useful for self learning and saves time and energy and few students expresses that web based learning can be used by B. Ed teachers to improvise their lesson plans.

Conclusion and Discussion

The B.Ed. teacher trainees use ICT techniques to make teaching learning effective but the fact is that they only use power point for presentations, since they are unaware of web 2.0 tools which are freely available on web or it might be an impact of improper guidance regarding the judicious use of web based learning. Very less percentage of students are having interest and study groups which implies that there lies a deficiency in environment required for web based learning. The Proper guidance and appropriate environment can play a vital role in creating interest and awareness among B.Ed. teacher trainee for use of web based learning.

References

Books

- Best J.W. and Kahn J.V.(2006); Research In Education, New Delhi,Prentice hall of India pvt ltd*
Crane B.E. (2012) ;Using Web 2.0 and social networking tools in K12 classrooms, 50E Huron street Chicago 60611 Neil Schuman, an Imprint of ALA publishing,
Mangal.S.K. (2010); Statistics in Psychology and Education, New Delhi-110001 PHI Learning Private Ltd.
Solomon G. and Schrum L. (2007); Web 2.0 new tools, new schools, Washington.DC International society for technology in Education,.

An Electronic source

- <https://in.pinterest.com/esheninger/web-2-0-tools-for-educators/>
<http://oedb.org/ilibrarian/101-web-20-teaching-tools/>
<https://www.edsurge.com/news/2013-08-21-teachers-favored-web-2-0-tools>