

Periodic Research

E- Content an Indispensable Tool for Teaching and Learning: A Pragmatic Study



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Abstract

This research paper is an attempt to assess the indispensability of E- Content in terms of its effectiveness in teaching and learning in this techno savvy Era. All the contents that are created and delivered through electronic media are categorized as E- Contents. Now a day E- Content is becoming increasingly popular because it is flexible in terms of time and pace of learning in addition to teacher friendly and student centered. The present study is primary and is conducted at Government Higher Secondary School, Bijhama. In the study Experimental Research Design is followed. The finding reveals that the performance of experimental group is better than the control group which is reflected in the scores gained by students of respective groups in the test administered at the end of teaching session. Therefore, it is concluded that E- Content proves to be effective tool for teaching and learning Wildlife at Senior Secondary level of Indian educational hierarchy. The overall experience indicates that E- Education system is complementary to make the extant P- Education system more effective and inclusive.

Keywords: E- Content, Teaching, Learning, Effective.

Introduction

Digital content that can be transmitted over computer networks constitutes E- Content (Wikipedia). E- Content is actually electronic meta data designed and developed in multimedia or hypermedia format by the Content Writer in consultation with IT expert. E- Content is the fast recent trend across globe used to disseminate education (Y. N. Singh and N. Chabra) and proposed for convenient and effective teaching, learning and training. The National Policy on Education (1986) has emphasized the application of technology in the field of Education to improve the quality at all levels of Education. E- Contents are poised to do and intended for this in addition to sweeping away the physical, age, cost, time and place barriers of learning as well as making learning convenient, flexible and student centered by facilitating digital form of effective and inclusive learning called E- Learning.

Review of Literature

Mishra, U., Patel, S. & Doshi, K. (2017)⁸ report in their study that E- Content has become powerful and very valuable tool of education in existing system of education.

Nachimuthu, K. (2012)⁹ believes that E-Content package can be used as an educator in the near classroom situations.

Holmes, B. & Gardner J. (2006)⁴ is of the opinion that E- Learning increases access to learning due to it's anytime and anywhere features.

Badrul, H. Khan (2001)² believes that E- Learning is fastest and most promising market in knowledge industry. Comprehensive understanding of the flexible, open and dispersed nature of online learning environment will be helpful to create meaningful E- learning.

Objective of the Study

To assess the indispensability of E- Content Presentation method, in teaching and learning process.

Hypothesis

There is significant difference in knowledge of the group that is subject to Lecture method of teaching and the group that is subject to E- Content Presentation method of teaching.

Methodology

In the present study Experimental Research Design is used. All the sample units are drawn from the one chosen school at random from

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two exclusive boys and girls sections. The selected sample consists of 32 students of 11th class including 16 boys and 16 girls. The sample is divided into two groups designated as control and experimental group. Each group consists of 16 students including both boys and girls. For transaction of knowledge two methods of teaching are used- Lecture method for control group and E- Content Presentation method for experimental group. Questionnaire was used to collect the data from students for the present study. The questionnaire consists of 13 statements absolutely related to knowledge component delivered to them using both the methods. The respondents of both groups are instructed to respond on a 3 points

scale in terms of correct, incorrect and don't know. As the total numbers of questionnaire statements are 13 and for each statement scores of 3 through 1 is assigned hence minimum possible score is 13 and maximum possible score is 39. To determine the extents of knowledge into low, moderate and high category and to know the significant difference in knowledge between two groups, minimum and maximum possible score are divided into 3 categories on the basis of equal interval- 13 to 21, 22 to 30 and 31 to 39.

Findings

The major findings are presented in tabular form as follows:

S. No.	Range of Score	Extent of Knowledge	Lecture Method (n = 16)		E- Content Presentation Method (n= 16)	
			Frequency	Percentage	Frequency	Percentage
01.	13 – 21	Low	09	56.25	Nil	Nil
02.	22 – 30	Moderate	05	31.25	3	18.75
03.	31 – 39	High	02	12.5	13	81.25

The findings reveal that 56. 25% of the students of the group that received knowledge by Lecture method scored low, 31.25% scored moderate and remaining 12. 5% scored high whereas most of the students (81. 25%) of the group that received knowledge by E- Content Presentation method scored high which proved the effectiveness of the method over Lecture method hence its indispensability as tool of teaching and learning in contemporary education system. Therefore it can be just concluded that the students learning can be improved and enhanced by using E- Content Presentation method in classroom teaching. The findings also confirmed that there is significant difference in knowledge of the group that is subject to Lecture method of teaching and the group that is subject to E- Content Presentation method of teaching.

Conclusion

E- Content in addition to creative, rich and quality data and playing key role in E- Learning, reduce traditional class room complexities of teaching and learning, render dry and factual data interesting thereby ensure convenient transaction of teaching and apt learning hence can be exploited as indispensable tool for teaching and learning in terms of effectiveness reveals the present study. No doubt E- Content development is not an easy process. It demands expertise, patience, creativity and quality approach. That doesn't not mean we should not exert towards this end due to scarce and scattered resources. Instead we should identify the potential personal across length and breadth of country and encourage them to take up the task of E- Content development which is the need of an hour to achieve the goals of quality, equity, access in addition to goal of effective education.

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Endnotes

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