



APPLICATION OF INTERNET IN RESEARCH BASED EDUCATION

Education

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ABSTRACT

The internet has become an important component in the academic field as it plays a pivotal role in gathering information and search new way of research. Internet is truly emerging as a powerful tool for receiving information on a verity of subject published on line. It is most useful source for obtaining the latest information regarding in any field. Present study is focused on advantages of application of internet in comparison of conventional sources.

KEYWORDS

Introduction:

The internet has proved an important component in research institutions as it plays a pivotal role in gathering information and communication needs of institutions and researchers. Internet makes it possible to access a wide range of information, such as journal article, papers etc. from anywhere in the world. It also enables scholars and academic institutions to disseminate information to a large no. of persons around the globe. Information can access easily and with low cost using internet.

Internet has the potential of changing the face and dimensions of education. The use of internet eventually promotes the transfer of information ensuring the better utilization of resource and satisfying the need of clientele across the world. Thus internet is trying to open a new era of globalization of information with more wide cooperation for resource sharing. Today the internet connects millions of computers around the world in a non hierarchical manner. The internet is a product of the convergence of media, computers, and telecommunication.

Internet also provides students asynchronous education where they can reach any kind of information anytime and anywhere. This widens the world of students as nowadays kids do not like to use libraries or any kinds of real life resources but they can access these places online and benefit from them easily and quickly. Additionally, the Internet can be used as a tool to learn the latest techniques all around the world.

Objective of Study:

Finding of role of internet in research based education

Hypothesis:

There is no significant role of internet in research based education.

Methodology:

Descriptive survey was adopted for present research work. 100 research scholars of different discipline were selected randomly as sample. 50 research scholars were instructed to use conventional methods and 50 to use internet for data collection and literature review. They were tested for different parameters of research work using self prepared test paper. Collected data was comparatively analyzed using mean, standard deviation and t value as statistical tool.

Finding and Analysis:

Table- Status of Difference of Conventional and Internet Applications in Research Work

| Research Parameters | Conventional Method | | Internet Using Method | | t value | Significant Level |
|---------------------|---------------------|--------------------|-----------------------|--------------------|---------|-------------------|
| | Mean | Standard Deviation | Mean | Standard Deviation | | |
| Research Ideas | 31.7 | 0.86 | 42.7 | 0.81 | 0.33 | 0.01 |
| Fastness | 29.4 | 1.03 | 42.3 | 1.17 | 0.85 | 0.05 |
| Literature Review | 33.6 | 0.81 | 49.5 | 1.09 | 0.79 | 0.05 |
| Data Source | 39.3 | 0.92 | 54.2 | 0.79 | 0.49 | 0.01 |
| Data Accuracy | 57.1 | 1.16 | 41.8 | 0.83 | 0.94 | 0.05 |
| Presentation | 42.6 | 0.94 | 59.2 | 1.38 | 0.91 | 0.05 |

Data shows that research ideas have mean value 31.7 in conventional method while 42.7 in internet using method. It has t value 0.33 which is significant at 0.01 level. Fastness has only 29.4 mean value for conventional method and 42.3 for internet applications. t value calculated as 0.85 which is significant at 0.05 level. Literature review shows a major variation from 33.6 to 49.5 as conventional to internet method. t value found as 0.79 which is significant at 0.05 level. For data source, under conventional method mean value is 39.3 while internet based method mean value is 54.2. t value for data source is 0.49 which is significant at 0.01 level. For data accuracy, trend is opposite i.e., conventional value has high value. 57.1 mean value is found for conventional method with standard deviation of 1.16 whereas 41.8 mean value is found for internet using method with standard deviation 0.83. Mean value is 42.6 for presentation through conventional method and 59.2 for internet method. Thus internet applications have impact on research based education. Hence, hypothesis there is no significant role of internet in research based education is rejected.

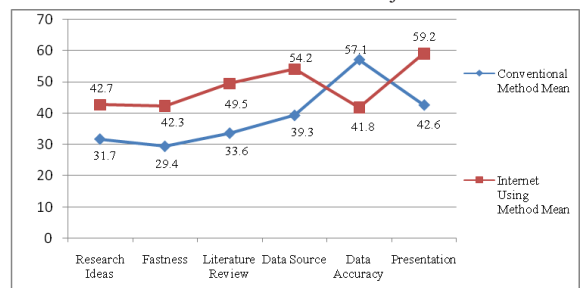


Chart- Status of Difference of Conventional and Internet Applications in Research Work

Conclusion:

It is evident that the Internet is a source of enormous information that anything can quickly and easily be reached. It is the source of spreading information quickly to a large no. of persons and of going beyond the limitation of time and space. Application of internet is helpful to do work fast, accurate, innovative and more meaningful.

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