



ELECTRONIC LEARNING IN TECHNICAL UPGRADATION OF THE EDUCATOR AND THE LEARNER

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ABSTRACT:

Education at all the 3 phases that is primary secondary and higher education should also be coordinated by giving due importance to the education in research and development in an educator academic endeavours as upgradation in both these areas mutually bolster up the concerns important and necessary for the upgradation of the whole scope of education in qualitative terms. Several scientific inventions and innovations have taken place due to the continuous efforts of inquisitive people to know understand and implement these newly developed methods and techniques to foster human development and make the lives of trillions of human beings easy one such invention is electronic learning.



KEYWORDS: *education in research and development , Several scientific inventions and innovations.*

INTRODUCTION

This paper is an effort to bring out the effects of electronic learning on the capabilities and capacities of educators, students and the people who used the latest techniques to save their time and enhance their efficiencies for better life styles and achieved of maximum social welfare. This new technology of learning the pedagogy of one's area of research plays a very crucial role in an educators professional development and is also freely accepted worldwide as an important tool to enhance the performance of students and teachers simultaneously, there is a need for creating the awareness of this program and to instill in the minds of the learners, to accept the changes attached with it, few learners are still reluctant in accepting it fully, there are some keywords which are used interchangeably in lieu of e learning like online research awareness, computer based training web based training, taking these points into account, researchers developed a short 15 days schedule for inclusion of the aforesaid technique in the students of bachelors of commerce.

The content of the whole scheme revolves around the meaning and role of Electronic learning in academic research, along with the use of different kinds of media for accessing information and also the interaction between the teacher and the students.

To sum up the best teacher is the one who knows his subject and teaching pedagogy well and is also well versed in transferring it easily to the forthcoming generation with the use of the new technology, as it is well said, that a good teacher is "a good learner as well".

Objectives of the study

1. To study the outcome of the strategy on students of both the genders.
2. To study the utility of the program in higher education on all the participants.

Assumptions

The Null Hypothesis Were:-

1. No significant difference between the performance of both the genders in the pre test Or before the test.
2. No significant difference between them in the post test or after the test.
3. No significant difference between the performance of the male candidates in pre over post testing or before the test and after the test.
4. No difference between the performance of the female candidates in pre over post testing Or before the test or after the test.
5. No difference between the gains in achievements of scores in pretest over post test off both the genders that is to say no difference in achievements before or after the test.

Research Methodology

Current research is based in the city of barabanki where 48 students were selected, From the Department of Commerce that is bachelors of commerce from lmv girls college as well as Lucknow Christian college,, 18 students were girls and 20 students were boys respectively,, who were compulsorily required to attend the course, where a pre test of 30 marks was organised and the data was analysed thereafter, the subject matter of the course was taught for a period of 15 days, along with demonstration and practical scientific techniques, the participants were tested for the same, on the other end more important side a post test of 30 marks was conducted and the data was scrutinised analytically.

Hypothesis

Technology enhances the performance of the teachers as well as their learners.

Data analysis and interpretation

Three tabular representations have been made to provide a deep insight into the analysis of the data in question, Where the first tabular representation shows the significance of the differences between the means of the students performances for both the genders, before the test and after the test.

In the second phase of the analysis which is represented in the tabular form in the data 2, where the significance of the difference Between the means of the performances of the students or both the genders , before the test and after the test have been analysed Hand the 3rd tabular representation throws its light upon the significance of the differences between the gains in the achievement of the students of both the genders before the test and after the test.

The analysis of the tabular representation in data one brings out the fact the differences between the means of both the genders before the test and after the test were found to be non significant because the t values Were less than 2.021 and 2.0704 for DF 46, therefore the hypothesis one and 2 are accepted meaning there by that both the genders do not differ in their performances.

In the second table the difference between the performances in pre over post test scores were more than 2.00 and 2.66 for DF of 58 and DF of 34 hence the hypothesis 3 and 4 are rejected it means they differ in their scores in the pre over post test.

the results of the last table were non significant because the t values were Less than 2.021 and 2.704 for DF of 46 hence the hypothesis 5 is accepted meaning there by that they do not differ in their performances in. the gains and achievements separately and individually.

CONCLUSION

Hypothesis one and 2 were accepted and hypothesis 3 and 4 were rejected as e learning programmes enhance in better understanding of the content for both the genders the last hypothesis was accepted as well as there is no significant difference between gains in achievement of both the genders.

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