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INTERNET AWARENES AMONG THE COLLEGE TEACHERS IN PHYSICS AT KOZHIKODE DISTRICT

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ABSTRACT

Education is a process and it is a continuous Complex and dynamic process. The role of education for individual growth and social development, but it is a man making process. Education is the basic measurement of human Development. Internet plays a vital role in the life of all the human beings. In future, all the text books compulsory should contain the subject related websites for the reference of the students about their subject. The level of losing internet among the college teachers in the subject of physics. In the following century it becomes good master for all the subject learners.

KEYWORDS: continuous Complex and dynamic process , human Development.



INTRDUCTION:

Education is a process and it is a continuous complex and dynamic process. The importance of Education has been realized by everyone and by every nation. It is quite evident that the strength of the country depends of the strength of education, which in turn depends on the strength efficiency of teachers and the process of teaching. The role of Education for individual growth and social development is unquestionable Education includes all the influences which act

upon on individual during his passage from cradle to grave. In other words, 'Education is Life and Life is Education'. It is not the giving of facts and details alone, but it is a man making process. The India Education Commission (1966) observes that Education must serve as a powerful instrument of social, economic and cultural transformation necessary for the realization of the national goals. Education is the basic measurement of human development. The purpose of Education from the point of view of

development must be to rationalize of modernize attitudes as well as to impart knowledge and skills.

STATEMENT OF THE PROBLEM

The Problem of the study is stated as "Internet Awareness among the College Teachers in Physics at Kozhikode District".

NEED AND SIGNIFICANCE OF THE STUDY

Internet plays a vital role in the life of all the human beings. In the present situation, the student identified that there is a gap between the knowing subject of a teacher and the knowing subject of the Internet. In this generation, the teacher does not know about Internet, he will face a lot of problems in their subject, matter for the process of teaching. Today, no teacher cannot talk that 'knowing everything about the subject', In the

coming century teacher faces so many problems because of lack of information. In future, all the textbooks compulsory should contain the Subject Related Website for the reference of the students about their subject. With the influence of Internet the value of textbook is also reduced day by day. So the Curriculum planner and textbook writer jointly together to make a new curriculum and textbook on the basis of having all the above things in mind made an attempt, to identify the Internet awareness and the level of losing Internet among the college teachers in the subject of physics.

SCOPE OF THE STUDY

Internet plays a vital role for the success of teaching learning process in various fields such as Science Subjects, arts Subjects and Mathematics. In the following century it became good master for all the subject learners,. In the area of Physics, internet functions as a main role for the knowing areas of theory and practical's in Physics. In also helps the college teachers of Physics to know about the current development of Physics in the side of theory as well as practical. This research study enlightened to make awareness among Physics teachers to learn about the use of Internet and Physics related websites for their teaching learning process of Physics.

OBJECTIVES OF THE STUDY

- 1.To find out whether there is any significant difference in the awareness of Internet between the mean scores of Male and Female Physics Teachers.
- 2.To find out whether there is any significant difference in the awareness of Internet between mean scores of Rural and Urban Physics Teachers.
- 3.To find out whether there is any significant difference in the awareness to Internet between mean scores of Government and Aided College Physics Teachers.
- 4.To find out whether there is any significant difference in the regular utilization of Internet between Male and Female Physics Teachers,
- 5.To find out whether there is any significant difference in the need of training programme for knowing physics websites among Rural and Urban Physics Teachers.
- 6.To find out whether there is any significant difference in the utilization of physics related websites for teaching process between Government and Aided College Physics Teachers.

HYPOTHESES OF THE STUDY

- 1.There is no significant difference between the Male and Female College Physics Teachers in the awareness of the Internet.
- 2.There is no significant difference between the Rural and Urban College Physics Teachers in the awareness of Internet.
- 3.There is no significant difference between the Government and Aided College Physics Teachers in the awareness of Internet.
- 4.There is no significant difference between the Male and Female College physics Teachers in the regular utilization of the Internet.
- 5.There is no significant difference between the Rural and Urban College Physics Teachers in the training program for knowing Physics' websites.
- 6.There is no significant difference in the utilization of physics related websites for teaching process between Government and Aided College Physics Teachers.

VARIABLES OF THE STUDY

The present investigation is a an attempt to determined Identification of Internet Awareness among the college Teachers in Physics at Kozhikode District, the variables involved are given below

- 1.Independent Variables
- 2.Dependent Variables

Sample of the study

The researcher selected 34 college teachers in Physics Department at Kozhikode District as a sample of the study.

Research Tool

The Investigator prepared and developed a tool in questionnaire form and identified the areas to be carried out in the study.

HYPOTHESIS: 1

There is no significant difference between the Male and Female College Physics Teachers in the awareness of the Internet.

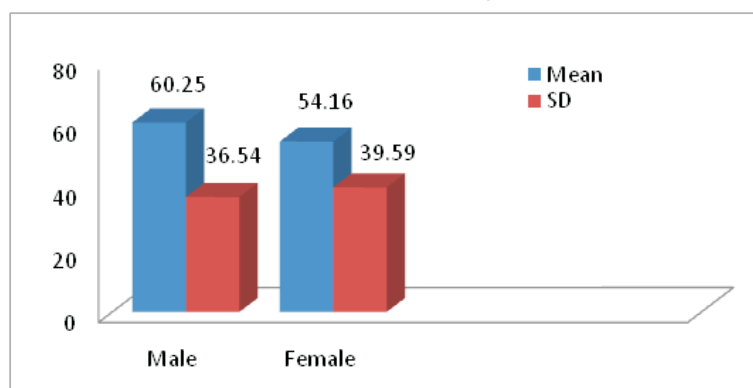
Table – 1
Awareness of Internet between Male and Female Physics Teachers.

Locality of the College	N	Mean	S.D	't' value	Level of Significance
Male	26	60.25	36.54	0.405	Not significant
Female	8	54.16	39.59		

The calculated t-value 0.405 is less than the table value 1.96 corresponding to the 0.05 level. It indicates that "there is no significant difference between the male and female Physics Teachers in the Awareness of the Internet". Hence the formulated hypothesis is accepted.

Graph –I

Comparison of Mean Scores between the Male and Female Physics Teachers in the Awareness of Internet



HYPOTHESIS: 2

There is no significant difference between the Rural and Urban College Physics Teachers in the awareness of Internet.

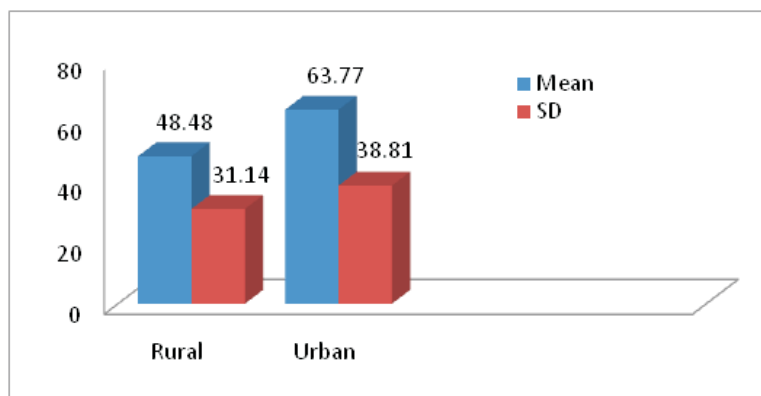
Table – 2
Awareness of Internet between Rural and Urban College Physics Teachers.

Locality of the College	N	Mean	S.D	't' value	Level of Significance
Rural	11	48.48	31.14	1.233	Not significant
Urban	23	63.77	38.81		

The calculated t-value 1.233 is less than the table value 1.96 corresponding to the 0.05 level. It indicated that "There is no significant difference between the Urban and Rural College Physics Teachers in the Awareness of the Internet". Hence the formulated hypothesis is accepted.

Graph –II

Comparison of Mean Scores between the Rural and Urban College Physics Teachers in the Awareness of Internet.



HYPOTHESIS: 3

There is no significant difference between the Government and Aided College Physics Teachers in the awareness of Internet.

Table – 3

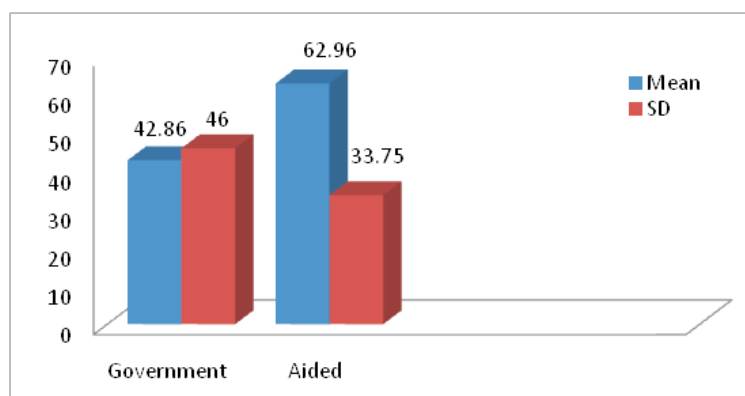
Awareness of Internet between Government and Aided College Physics Teachers

Locality of the College	N	Mean	S.D	't' value	Level of Significance
Government	7	42.86	46.00	1.303	Not significant
Urban	27	62.96	33.75		

The calculated t-value 1.303 is less than the table value 1.96 corresponding to the 0.05 level. It indicated that "There is no significant difference between the Government and Aided College Physics Teachers in the Awareness of the Internet". Hence the formulated hypothesis is accepted.

Graph –III

Comparison of Mean Scores between the Government and Aided College Physics Teachers in the Awareness of Internet



HYPOTHESIS: 4

There is no significant difference between the Male and Female College physics Teachers in the regular utilization of the Internet.

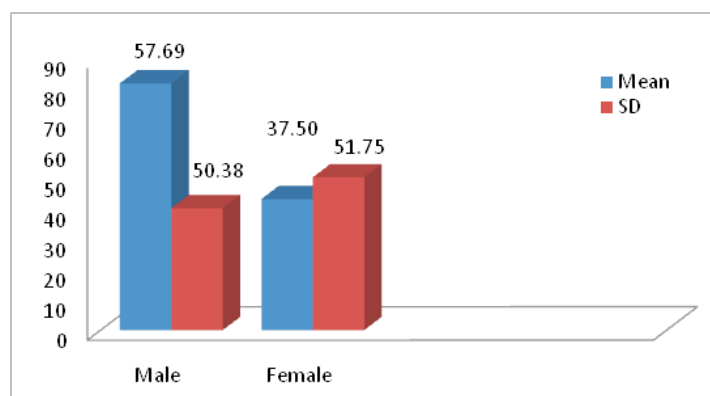
Table – 4
Regular Utilization of Internet between Male and Female Physics Teachers.

Sex of the Respondent	N	Mean	S.D	't' value	Level of Significance
Male	26	57.69	50.38	0.985	Not significant
Female	8	37.50	51.75		

The calculated t-value 0.985 is less than the table value 1.96 corresponding to the 0.05 level. It indicated that "There is no significant difference between the Male and Female Physics Teachers in the regular utilization of Internet". Hence the formulated hypothesis is accepted.

Graph –IV

Comparison of Mean Scores between the Regular Utilization of Internet between Male and Female Physics Teachers.

**HYPOTHESIS: 5**

There is no significant difference between the Rural and Urban College Physics Teachers in the training program for knowing Physics' websites.

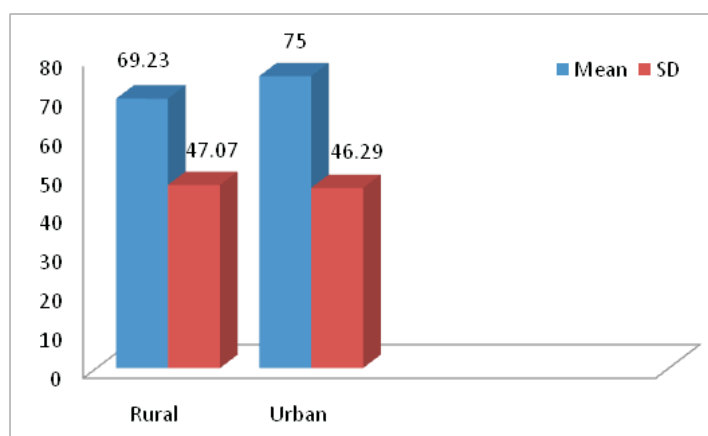
Table – 5
Comparison of mean scores between the need of Training Programme for Rural and Urban College physics teachers for knowing physics websites

Locality of the College	N	Mean	S.D	't' value	Level of Significance
Rural	11	81.82	40.45	2.376	Significant
Urban	23	43.48	50.69		

The calculated t-value 2.376 is greater than the table value 1.96 corresponding to the 0.05 level. It indicated that "There is significant difference between the Rural and Urban College Physics Teachers for knowing physics websites". Hence the formulated hypothesis is rejected.

Graph –V

Comparison of Mean Scores between the between the need of Training Programme for Rural and Urban College physics teachers for knowing physics websites

**HYPOTHESIS: 6**

There is no significant difference in the utilization of physics related websites for teaching process between Government and Aided College Physics Teachers.

Table – 7

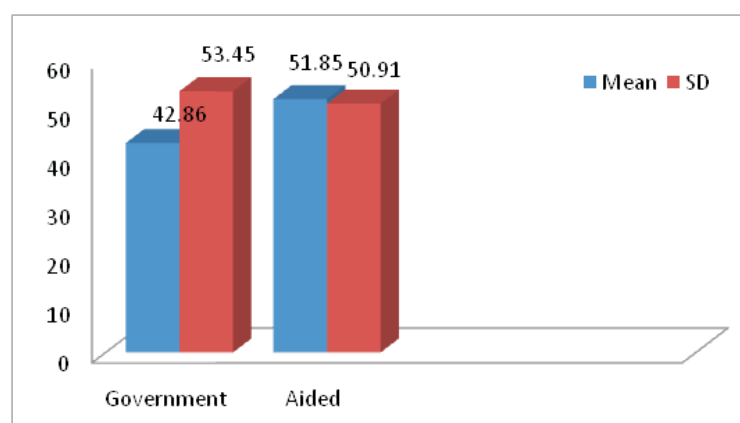
Utilization of Physics related websites between Government and Aided College Physics Teachers for Teaching Process.

Type of the College	N	Mean	S.D	't' value	Level of Significance
Government	7	42.86	53.45	0.413	Not significant
Aided	27	51.85	50.91		

The calculated t-value 0.413 is less than the table value 1.96 corresponding to the 0.05 level. It indicated that "There is no significant difference between the utilization of physics related websites for teaching process of Government and Aided College Physics Teachers". Hence the formulated hypothesis is accepted.

Graph –VII

Comparison of Mean Scores between the Utilization of Physics related websites between Government and Aided College Physics Teachers for Teaching Process.



MAJOR FINDINGS OF THE STUDY

1. There is no significant difference between the Male and Female College Physics Teachers in the awareness of the Internet.
2. There is no significant difference between the Rural and Urban College Physics Teachers in the awareness of Internet.
3. There is no significant difference between the Government and Aided College Physics Teachers in the awareness of Internet.
4. There is no significant difference between the Male and Female College physics Teachers in the regular utilization of the Internet.
5. There is significant difference between the Rural and Urban College Physics Teachers in the training program for knowing Physics' websites.
6. There is no significant difference in the utilization of physics related websites for teaching process between Government and Aided College Physics Teachers.

CONCLUSION

Research in any area is only a humble beginning or explores its nuance. The present study has investigated identifications of Internet awareness among the college teachers in physics at Kozhikode District. In the present study Internet awareness is very essential in teaching learning process. The rural College Physics Teacher need training programme for knowing physics related websites. The investigation and its findings will help the teachers, policy makers, educational expert's thinkers and all those who interested in the field of education of focus their attention on the present problems. This findings and results is not the end of a problem, but just a beginning of the search for innovation by applying these results, the quality of teaching learning process will improve.

EDUCATIONAL IMPLICATIONS

1. College Teachers have to concentrate on the integration of Internet technology in their subjects.
2. Government may take necessary steps to familiarize this Internet Technology both in Rural and Urban areas.
3. Board of studies and curriculum development cells in colleges should consider the implementation of Internet based instruction to include the syllabus of each subject.
4. To college level physics books had not contain the addresses on websites in physics. So in future the curriculum and the syllabus designer should make serious consideration to implement some of the website addresses related to physics subject.
5. The curriculum planner especially for the physics should make some changes in the current curriculum of the basis of physics websites. So that the standard of college subjects should be go in the International level in future.
6. The Government should have a keen interest to develop the academic achievement of teachers in all the faculties.
7. The Government should give the facilities of using Internet in colleges for all college teachers.
8. One of the major finding in the study highlighted that, "The rural college teachers wants more training programme related to the Internet facilities available in physics," to know about the related websites in physics and to identify about the various facilities of Internet available in physics.
9. The College authorities (Government, Aided and Private) may take necessary action to open the free Internet browsing center for all the teachers and students in the colleges.
10. The UGC Academic staff College should have keen interest to conduct refresher course related that 'Websites based Education'. There is no refresher courses conducted in the above emerging field of websites based education.

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