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A STUDY OF AWARENESS ON E-RESOURCES AMONG B.ED STUDENT TEACHERS

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Abstract

The essential of the study is the multiplying unfamiliarity of e-resources due to the let-down of electricity, which is a common problem in Palakkad area. Related other reasons are absence of time to utilize the I.T lab in time. The investigators and students from all disciplines are set to use e-Books in future. In order to build more teachers professional development and to improve the research practise they need in e-journals and e-books. The study aimed to examine the awareness on e-resources among B.Ed student teachers. The investigator adopted survey method to study the awareness on e-resources among B.Ed student teachers. For this study a sample of 200 B.Ed student teachers from three B.Ed training colleges which are situated in and around Palakkad district in Kerala selected by the investigator using simple random sampling technique. The findings reveal that there is no significant difference in the awareness of e-resources and e-resource technology among B.Ed Student Teachers.

Keywords: E-Resources; Awareness; Education.

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1. Introduction

The educational sector, since the beginning of e-learning, is enduring incredible change on daily basis. E-learning itself is a cut down approach to education and knowledge and there is the need for teachers to take advantage of the abundant benefit and chances it offers. One way to do this is to become computer literate. Secondly, educators should pursue knowledge of the various e-learning resources available to them. Most prominently, teachers and learners should make an effort to apply the e- learning resources in core curriculum implementation. Being computer literate, being able to distinguish e-learning resources and being able to put on them in teaching are the key factors in the operative utilization of electronic resources in the present computer age. Palakkad district is roughcast with problems of students' poor performance in public

examinations and there is the need therefore for teachers to encirclement e-learning as a better substitute to the old-fashioned mode of teaching.

1.1. Objectives of the Study

There are two main types of objectives undertaken by the investigator in this study work.

1.1.1. General Objectives

- 1) To study the awareness of e-resources among B.Ed Student teachers in Palakkad District.
- 2) To adopt questionnaire on awareness of e-resources and e-resources technology among B.Ed Student teachers.

1.1.2. Specific Objectives

- 1) To find out the awareness of e-resources among B.Ed Student teachers.
- 2) To find out the B.Ed student teachers' awareness & intentions of some common E-resources technology related actions.
- 3) To find out the impact of personal variables like Sex, Medium of instruction, Location of the college, Nature of college, Type of family, Parents education, Parents occupation and Parents monthly income on awareness of e-resources of B.Ed Student teachers.

2. Research Design

The investigator adopted survey method to study the awareness of e-resources among B.Ed Student teachers. For this study a sample of 200 B.Ed Student teachers from three B.Ed Colleges which are situated in and around Palakkad district in Kerala were selected by the investigator using simple random sampling technique.

Table 1: Distribution of Samples based on Variables

S.NO	Category	Subgroups	Number	%	Total
1.	Age	Below 25 years	180	90%	200
		25-35 years	20	10%	
2.	Gender	Male	7	3.5%	200
		Female	193	96.5%	
3.	Medium of Instruction	Malayalam	83	41.5%	200
		English	105	52.5%	
		Hindi	2	1%	
		Tamil	10	5%	
4.	Location of the College	Urban	79	39.5%	200
		Rural	121	60.5%	
5.	Nature of College	Boys	1	0.5%	200
		Girls	116	58%	
		Co-Education	83	41.5%	
6.	General	UG	99	49.5%	200

	Qualification	PG	101	50.5%	
7.	Type of Family	Nuclear Family	174	87%	200
		Joint Family	26	13%	
8.	Educational Qualification of father	Below 10	147	73.5%	200
		Diploma	9	4.5%	
		UG	34	17%	
		PG	9	4.5%	
		Professional	1	0.5%	

9.	Educational Qualification of mother	Below 10	151	75.5%	200
		Diploma	6	3%	
		UG	30	15%	
		PG	12	6%	
		Professional	1	0.5%	
10.	Occupation of Father	Daily Wagers	75	37.5%	200
		Farmer	28	14%	
		Govt.Job	13	6.5%	
		Private	27	13.5%	
		Business	56	28%	
		Others	1	0.5%	
11.	Occupation of Mother	Daily Wagers	53	26.5%	200
		Farmer	9	4.5%	
		Govt.Job	11	5.5%	
		Private	30	15%	
		Business	6	3%	
		Home Maker	91	45.5%	
12.	Monthly income of Father	Below Rs.5000	60	30%	200
		Rs.5000-Rs.15000	50	25%	
		Rs.15000-Rs.20000	57	28.5%	
		Above Rs.20000	33	16.5%	
13.	Monthly income of mother	Below Rs.5000	126	63%	200
		Rs.5000-Rs.15000	51	25.5%	
		Rs.15000-Rs.20000	12	6%	
		Above Rs.20000	11	5.5%	

Table 2: Scoring of each item

S.No	Dimension	Question no.	Scoring	
			Yes	No
1.	Computer Literate	1	2	1
2.	Aware of the following e-learning resources	2 to 13	2	1
3.	e-learning resources in for curriculum delivery	14 to 25	2	1
4.	Problems in the utilization of e-learning resources for curriculum delivery	26 to 31	1	2

Table 3: Scoring of each item

S.No	Dimension	Question no.	Scoring		
			Accepted & Used	Consider being use	Not interested
1.	Awareness & intentions of some common E-resources technology related actions	32 to 51	3	2	1

Table 4: Ranks assigned for the scores

Awareness of E-resources	
Scores	Rank
51 to 75	Low
76 to 100	moderate
101 to 122	High

Hypothesis 1:

There will be a significant mean score difference in the awareness of e-resources among B.Ed student teachers based on gender.

Table 5: Frequency and percentage difference in the level of mean score difference in the awareness of e-resources among B.Ed student teachers based on gender.

Gender	Low		Moderate		High		Total
	N	%	N	%	N	%	
Male	0	0	5	71.43	2	28.57	7
Female	0	0	114	59.07	79	40.93	193

Table 5 exhibits the result in the level of mean score difference in the awareness of e-resources among B.Ed student teachers based on gender. According to the table amid the male students, 28.57% of them have high Level and 71.43% of them have moderate Level of awareness towards e-resources. Similarly, amid the female students, 40.93% of them have high Level and 59.07% of them have moderate Level.

Hypothesis 2:

There will be a significant mean score difference in the awareness of e-resources among B.Ed student teachers based on location of the college.

Table 6: Frequency and percentage difference in the level of mean score difference in the awareness of e-resources among B.Ed student teachers based on location of the college.

Locality	Low		Moderate		High		Total
	N	%	N	%	N	%	
Urban	0	0	62	78.48	17	21.52	79
Rural	0	0	57	47.11	64	52.89	121

Table 6 exhibits the result of the difference in the level of mean score difference in the awareness of e-resources among B.Ed student teachers based on location of the college. According to the table amid the urban area students, 21.52% of them have high Level and 78.48% of them have moderate Level of awareness towards e-resources. Similarly, amid the rural area students, 52.89% of them have high Level and 47.11% of them have moderate Level.

Hypothesis 3:

There will be a significant difference between awareness of e-resources among B.Ed Student teachers with respect to gender.

Table 7: 't' values between awareness of e-resources among B.Ed Student teachers with respect to gender

Gender	Number	Mean	S.D	df	t value	p-value	Remarks
Male	7	1.37	0.32	200	0.12	0.45	Not significant
Female	193	1.45	0.21				

(at 0.05 significant level the table value of 't' is 1.98)

Since the calculated value (0.12) is less than the table value of 't' (1.98), the null hypothesis is accepted. It is inferred from the above table that there is no significant relationship between awareness of e-resources among B.Ed Student teachers with respect to gender.

Hypothesis 3:

There will be a significant difference between awareness of e-resources among B.Ed Student teachers with respect to gender.

Table 8: 't' values between awareness of e-resources among B.Ed Student teachers with respect to gender

Gender	Number	Mean	S.D	df	t value	p-value	Remarks
Male	7	1.37	0.32	200	0.12	0.45	Not significant
Female	193	1.45	0.21				

(at 0.05 significant level the table value of 't' is 1.98)

Since the calculated value (0.12) is less than the table value of 't' (1.98), the null hypothesis is accepted. It is inferred from the above table that there is no significant relationship between awareness of e-resources among B.Ed Student teachers with respect to gender.

3. Results And Conclusion

- Majority of the male and female have moderate level of awareness towards e-resources. But comparatively, the female students have high level of awareness towards e-resources than the male students.
- Majority of the urban area students have moderate level and in contrast rural area students have high level of awareness towards e-resources. But comparatively, the rural area students have high level of awareness towards e-resources than the urban area students.
- Majority of the UG and PG qualified students have moderate level of awareness towards e-resources. But comparatively, the PG qualified students have slightly better awareness towards e-resources than the UG qualified students.
- Majority of the nuclear family students have moderate level of awareness towards e-resources whereas the joint family have equally distributed to high level and moderate level awareness towards e-resources. But comparatively, the joint family students have slightly better awareness towards e-resources than the nuclear family students.
- There is no significant relationship between awareness of e-resources among B.Ed Student teachers with respect to gender, location of the school, educational qualification, type of family, medium of instruction, nature of college, educational qualification of father, educational qualification of mother, occupation of father, occupation of mother , monthly income of father and monthly income of mother.

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