

A Study of Awareness of Primary School Teachers of Mehsana District towards Educational Technology

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ABSTRACT

Today, a teacher cannot make education interesting and effective by a mere talk and chalk method. But, the teacher must become aware of educational technology and its uses in classroom for effective teaching to the students. Use of models, samples, radio, TV, filmstrips various teaching aids is the requirements of today's age of technology. The teacher of primary schools shows inability to use such teaching aids due to aversion and lack of knowledge towards modern educational technology. These study intends to know the degree of awareness and passion towards educational technology and its uses in classroom.

Keywords: *Primary school teachers of Mehsana, Education Technology.*

Human life is full of secrets. Among all living beings, man is the only being with specific abilities. Man has filled his life with colours and every colour manifests in the gist of the experience of human life's historical journey. Ages ago, the man who lived in caves and ate raw flesh, now lives a better life in 21st century after gradually unveiling many secret of nature. 20th century is considered to be the best period in human history. This century saw the science being transformed into technology which changed the human life by the end of 20th century. Technology has completely changed the human life. When science is used for identifying every element of nature and for making life more and more better and comfortable, then why should education remain aloof from changes? This study intends to know the degree of awareness and passion towards educational technology and its uses in classroom.

Objective

1. To study about the awareness of primary schools teachers towards educational technology.
2. To study about facilities of tools and teaching aids of educational technology provided in primary schools.
3. To compare the awareness of male and female teachers towards educational technology in primary schools.
4. To compare the awareness of government and private primary school teachers towards educational technology.

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Delimitation of the Study

1. This study is confined to the teachers of Gujarati medium primary schools of Mehsana district.
2. The awareness of the teacher will be known with respect to variables like caste, type of school and no other variable will be considered in this study.

Variables of the Study

No	Type of variable	Variable under the study	Level of variable
1	Independent variable	School, caste	Government, private male, female
2	Dependent variable	Awareness towards educational technology	

Population and Sample

In this research, the investigator has randomly selected a sample of teachers of primary schools of Mehsana district. The investigator selected six government schools and six private primary schools of each of the nine taluka's of Mehsana district. Thus, 108 schools (54 government schools and private primary schools) were selected. Thus, 6 teachers were selected from each of the 108 schools as the sample of the study which can be seen in table.

Sr.No.	Taluka	Type of school	No. of schools	Teacher strength
1	Mehsana	Private, Government	6+6	30
2	Visnagar	Private, Government	6+6	30
3	Vijapur	Private, Government	6+6	30
4	Unja	Private, Government	6+6	30
5	Vadnagar	Private, Government	6+6	30
6	Kheralu	Private, Government	6+6	30
7	Satlasana	Private, Government	6+6	30
8	Kadi	Private, Government	6+6	30
9	Bechraji	Private, Government	6+6	30
Total				540

Data Collection

Keeping in mind the objectives of the study, the investigator had tried to collect data from the subjects of the sample by visiting them. In the beginning, permission was obtained from principals of primary school to fill up the check-list and opinionnaire. The teacher were given assurance about the secrecy by the investigator and suggestion were given to the teachers. Then the opinionnaire were given to the subjects of the sample. In the end, the principals and teachers were thanked for their co-operation. Thus, the data was successfully collected.

Data Analysis

There will not be any significant difference in the awareness of the teachers of government primary schools and teachers of private primary schools towards educational technology.

Teachers	Sample	Mean	SD	t-value
Government primary school teacher	270	201.1629	10.1952	1.1262
Private primary school teacher	270	202.1963	11.1366	

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It can be said that there is no significant difference in the awareness of government and private primary school teachers towards educational technology and therefore this hypothesis is not rejected.

There will not be any significant difference in the awareness of female and male primary teachers of government primary schools towards educational technology.

Teachers	Sample	Mean	SD	t-value
Female teacher of government primary school	186	200.629	11.1136	1.4708
Male teacher of government primary school	84	202.345	7.6539	

It can be said that there is no significant difference in the awareness of male and female teachers of government primary school teachers towards educational technology and therefore this hypothesis is not rejected.

There will not be any significant difference in the awareness of female and male primary teachers of private primary schools towards educational technology.

Teachers	Sample	Mean	SD	t-value
Female teacher of private primary school	164	202.262	8.7818	0.1101
Male teacher of private primary school	106	202.094	14.0205	

It can be said that there is no significant difference in the awareness of male and female teachers of private primary school teachers towards educational technology and therefore this hypothesis is not rejected.

CONCLUSION

The teachers of private primary schools were found to be more aware than the teachers of government primary schools. The male teachers were found to be more aware than the female teachers of government primary schools. The female teachers were found to be more aware than the male teachers towards educational technology of private primary schools. An attempt has been made by the research to study awareness of the primary school teachers of Mehsana district. We can say from this study that studies on various aspects of a problem is possible because we cannot assume that the results obtained on a small sample can be true for bigger samples, though, this research provides an initial role to study more in this field.

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Conflict of Interest

The authors carefully declare this paper to bear not conflict of interests

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