

Awareness of the M.Ed. Students of Veer Narmad South Gujarat University with respect to the Information and Communication Technology Subject

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Abstract

In a present time information is explosive everywhere. Literate people also can experience as an illiterate people because a person cannot accordant with the flow of information. Information technology helps a person to accordant with the flow of information. According to Wikipedia "ICT consists of IT as well as telecommunication, broadcast media, all types of audio and video processing and transmission and network based control and monitoring." In a Veer Narmad South Gujarat University in department of education an information and communication technology subject is teaching by professor in semester-2 very nicely. So, M.Ed. students have an awareness regarding that subject. Thus researcher is doing efforts to findings awareness and had found that M.Ed. students have very low level awareness. Also Science stream students have more awareness by comparing with commerce and arts students. Mainly this research shows that if M.Ed. students have low awareness than they have not fitted best in information and communication ages. So, according to this research they have to participate more in a classroom as well as in information and communication environment in their fields.

Keywords: *Information and Communication technology.*

Information and communication technology: According to Wikipedia "Information and Communication Technology or Information and Communications Technology usually abbreviated as ICT, is often used as an extended synonym for information technology (IT), but as usually a more general term that stresses the role of unified communications and the integration of telecommunications (telephone lines and wireless signals), computers, middleware as well as necessary software, storage and audio-visual systems which enable users to create, access, store, transmit and manipulate."

Awareness: “Awareness is defined here as being conscious of a phenomenon, an object, an event more specifically a problem area predicament.”

In a present study awareness means findings knowledge of the M.Ed. students of Veer Narmad South Gujarat University regarding Information and Communication subject.

Veer Narmad South Gujarat University: According to Wikipedia “Veer Narmad South Gujarat University is a public university located in the city of Surat, Gujarat, India. It was previously known as South Gujarat University. The renaming of the university occurred during the calendar year 2004. This name is in honors of the famous scholar and poet of Gujarat, Narmad. One of the most respectable and recognized departments in the university (with new building and huge advanced computer lab) is Masters of computer Application - Department. It ranks among top five MCA institutions in Gujarat. Incorporated in 1967, this university offers postgraduate courses in various disciplines. Besides, this university has non-traditional postgraduate departments such as public administration, rural studies, comparative literature and aquatic-biology.”

M.Ed.: The Master of Education (M.Ed., MEd, Ed.M., M.A.Ed., M.S.Ed., M.S.E., or M.Ed.L) is a postgraduate academic master's degree awarded by universities in a large number of countries. This degree in education often includes the following majors: curriculum and instruction, counseling, school psychology, and administration. It is often conferred for educators advancing in their field. For classroom teachers in some of the states of the USA, including Massachusetts and New York, a master's degree (or acceptable equivalent) is required to earn a professional license. In most states a master's degree or higher is required for a principal ship or school counseling position.

Introduction

There is a statement in a Hindu religious book **Geeta** that is: “Yog Karmesu Karmelyam” means if we are taking proficiency in what we are doing is called Yog. In any levels persons in a society if he/she a saint or a servant, if he/she an owner or a worker, if he/she a preceptor or a follower. They all have to do proficiency in their works but how can they achieve it? The answer of this question is finding in this research.

M.Ed. students can achieve proficiency in their works by taking education of information and communication technology subject. In a Veer Narmad South Gujarat University in department of education M.Ed. students have given full knowledge of it so, that is most interesting to finding awareness and given results to students and persons whom were attached with it.

Objectives of the study

1. To know general knowledge of the M.Ed. students of Veer Narmad South Gujarat University regarding information and communication technology subject.
2. To study awareness according to different variances of the M.Ed. students of VeerNarmad South Gujarat University regarding information and communication subject.

Questions to be answered

1. What is the general knowledge of the M.Ed. students of Veer Narmad South Gujarat University regarding information and communication technology subject?
2. What is the awareness according to different variances of the M.Ed. students of Veer Narmad South Gujarat University regarding information and communication subject?

Importance of the study

The study may important to university, schools and students of M.Ed. level etc.

Population and sample of the study

Population

All the M.Ed. students of Veer Narmad South Gujarat University whom will read in the present year are the population of the study.

Sample

As a sample researcher choose all the M.Ed. students whom are study in Veer Narmad South Gujarat University in the present year. So, researcher chooses all 62 M.Ed. students of granted and non-granted study in the department of education in Veer Narmad South Gujarat University in present year.

Research tools

In a present study to finds awareness of the M.Ed. students and distribute them according to different variances researcher made self-made question paper with 50 objectives of different units as Information technology, Communication technology, Communication media and information technology, Technology for education and training, Computer technology, Educational multimedia, Networking and internet. All units are select from the syllabus of the M.Ed. students in the present study in their university. The difficulty level of the question paper is made according to age of the all students. The question paper should be check by specialists of the university whom works as a professor and have lots of experience in that subject and in research also. The first and last form of the question paper is being completed after checking by specialists. Marks as units wise are shown in a table as follows:

Table No.: 1

Marks as units wise

Unit name	Marks
Information Technology	07
Communication Technology	07
Communication media and information technology	08
Technology for education and training	07
Computer technology	07
Educational multimedia	07
Networking and internet	07
Total...	50

- The marking of units was made by specialists.

Research design

In the present study survey method was used to collect the data from the M.Ed. students belonged to Veer Narmad South Gujarat University. The survey has undoubtedly been the most popular and the most widely used research method in education. Also, as a variance researcher choose gender and streams of the M.Ed. students.

Procedure for the data collection

The researcher personally visited all the students and gave them question paper. All the students whom were studying in present year fulfil all information regarding their status and also fulfil answers of all questions in given necessary timing.

Statistics for data analysis

For analyzing the data researcher check all the answer sheets and gave marks to all 62 students. By the marks of all students researcher find out mean of all students regarding their result. For the comparison, researcher uses **t-test** for different variances. All the students were distributed in different levels. The below table show different levels according to marks.

Table No.: 2
Levels according to the marks

Level	Marks
Best	41 to 50
Medium	31 to 40
Normal	21 to 30
Low	11 to 20
Very Low	0 to 10

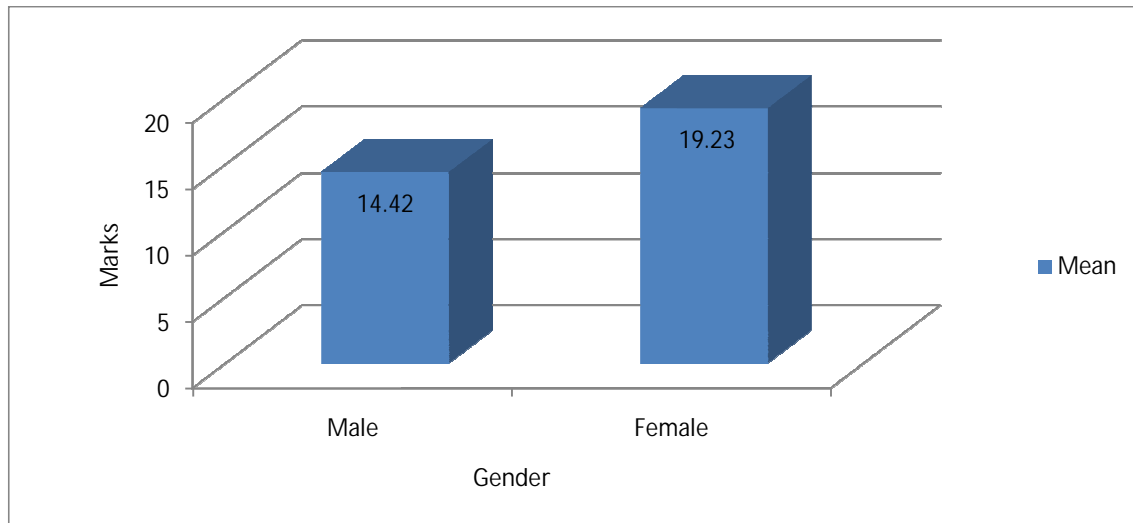
- The levels were made by specialists.

Data analysis

According to objectives and data, information is show in the table below.

Table No.: 3
Classification of information regarding gender

Gender	No. of students	Mean	Total mean	Standard deviation	Standard error	t value	Significant
Male	42	19.23	17.68	3.06	0.23	20.91	t value is significant at 0.01 levels
Female	20	14.42		2.37			



Graph no. 1

Graph shows classification of information regarding their gender

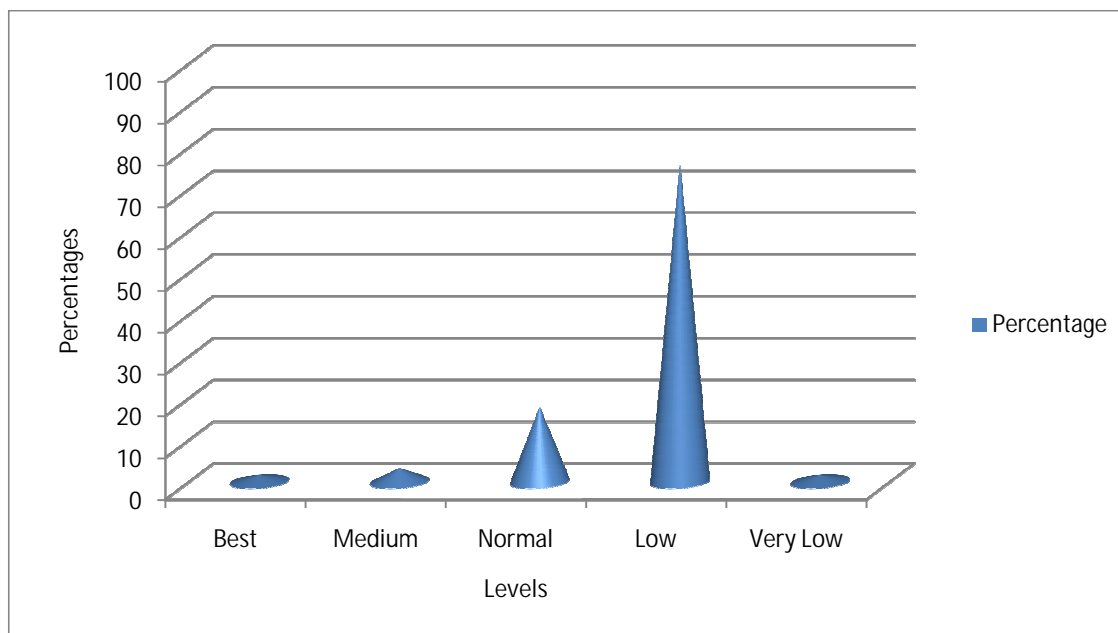
Looking at the table no. 3 shows classification of information regarding gender. It shows that male's mean is 19.23 and female's mean is 14.42. Also total mean is 17.68. So, according to total mean it shows that the M.Ed. students have **low level awareness**. Also, from t value is 20.91 significant at 0.01 levels. It shows that female students have good awareness than female students.

Students have been distributed from different levels by their total no. Table no. 4 shows that different levels and also percentage in it.

Table No.: 4

Classification of no. of students in different levels

Levels	No. of students (Male or Female)	Percentage
Best	1	1.61%
Medium	2	3.23%
Normal	11	17.74%
Low	47	75.81%
Very Low	1	1.61%
Total...	62	100%



Graph no. 2

Graph shows classification of no. of students in different levels

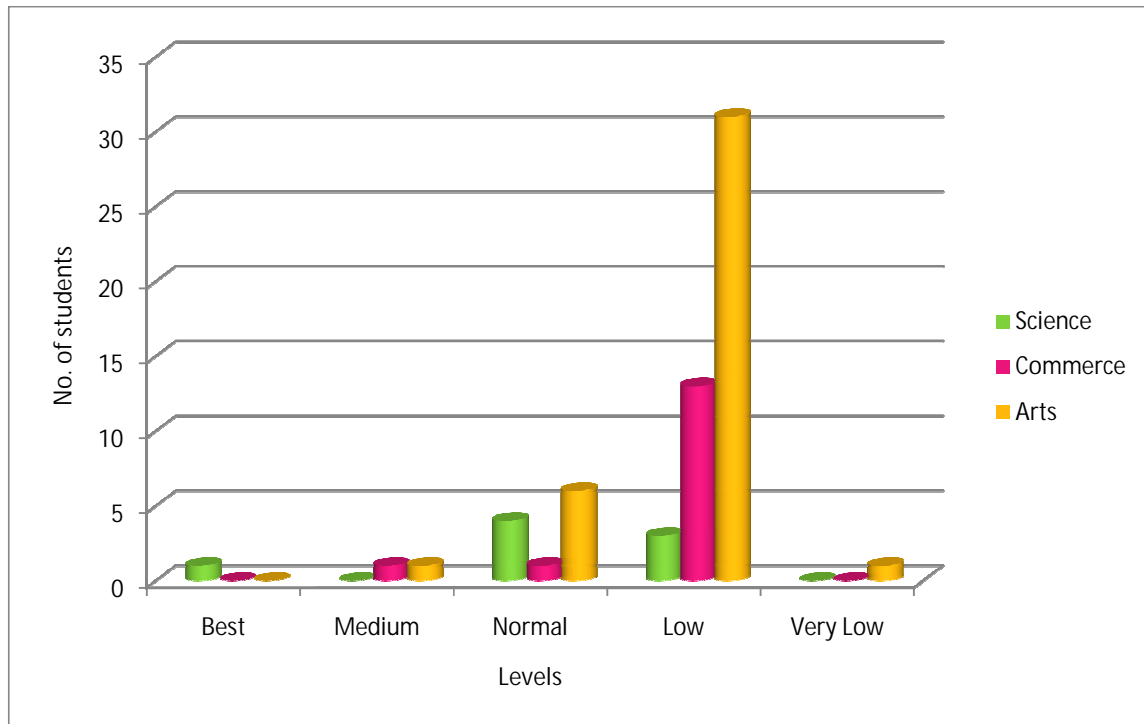
Looking at the table no. 4 classification of no. of students in different levels. It shows that most no. of students 47 and most no. of percentage 75.81% exist in low level. Therefore by the table we can say that M.Ed. students have Low level awareness.

Students have been distributed according to their numbers and streams in different levels also. Table no. 5 shows that numbers and streams of the M.Ed. students in different levels.

Table No.: 5

No. of students and their streams in different levels

Streams	No. of students in different levels					Total...
	Best	Medium	Normal	Low	Very Low	
Science	1	0	4	3	0	8
Commerce	0	1	1	13	0	15
Arts	0	1	6	31	1	39
Total...	1	2	11	47	1	62



Graph no. 3

Graph shows no. of students and their streams in different levels

Looking at the table no. 5 No. of students and their streams in different levels. It shows that most no. of science stream students 4 in normal level. So, we can say that science students have normal level awareness. Most no. of commerce students 13 in low level. So, we can say that commerce students have low level awareness. Most no. of Arts students 31 in low level. So, we can say that Arts students have low level awareness.

Findings

- The M.Ed. students have low level of awareness.
- The female students have more good awareness than the male students.
- The M.Ed. science stream students have Normal level awareness.
- The M.Ed. commerce stream students have Low level awareness.
- The M.Ed. Arts stream students have Low level awareness.

Implication

1. From the study, female students have good awareness so they have to square awareness of male and female students.
2. Awareness of the M.Ed. students is of low level so by study and give respect to their subject they may increase their level.

3. Different streams students' awareness is of Normal and Low level so students have to increase level of the study.

Conclusion

The study is the short efforts to findings awareness of the M.Ed. students in Veer Narmad South Gujarat University. Other researcher may do these types of work for different subject at different level.

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