

## REVIEW OF RESEARCH

### TEACHER EDUCATOR'S ATTITUDE TOWARDS USING ICT IN TEACHING



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#### **Abstract :**

In the present scenario teaching has to be more dynamic and the teacher educators should not only be intellectually competent but also technically skilled. All over the world, there is a trend to use ICT in the teaching-learning process. To gain professional efficiency, gaining updated knowledge and promoting quality education ICT application is very much essential. In the present study the investigator made an attempt to study the Attitude towards using ICT in teaching among the Teacher educators in B.Ed colleges from Puducherry. Fifty Teacher educators teaching in B.Ed College were taken as representative sample of the whole population. A self constructed and standardized Attitude scale towards using ICT was used to collect the data. The study revealed that majority of the Teacher educators have more favorable attitude towards using ICT in teaching and there is significant difference among them based on their gender and type of institutions. Teacher educators from Government sector and female educators can enhance their technological attitude. Hence the study suggests that Technological Orientation and training should be an integral part of Teacher Educators programmes. Technological tools reduce the paper work and preparatory work of Teacher educators and enhance their teaching competency.

**Keywords:** Teacher Educator's , Teaching-learning Process , Self Constructed And Standardized

## Teacher Educator's Attitude Towards Using Ict In Teaching

### INTRODUCTION

The Secondary Education Commission (1952-53) has pointed out that "Every teacher and educationist of experience knows that even the best curriculum and the most perfect syllabus remain dead unless quickened into life by the right methods of teaching and right kind of teachers'. Teaching is a dynamic process that unfolds the arena of knowledge, and it helps in the process of man making. Teachers are the designers of the future of their students and thus, the society. They are expected to exhibit the universal values like peace, justice, and equality along with social and civic values as enshrined in Indian constitution.

Today we are living in an Information and Communication Technology. All over the world, there is a trend to use ICT in the teaching-learning process. The teacher and learner must gain access to technology for improving learning outcomes and creating awareness among Teacher educators. To gain professional efficiency, gaining updated knowledge and promoting quality education ICT application is very much essential. ICT is a new paradigm of the teaching-learning process widely accepted as a necessary tool for attainment of developmental goals, particularly in higher education. Ted has rightly said "Technology has a vital part in educating today's students and it be used whenever possible in the classroom so that improves the overall learning environment" Teacher educators must also adapt and change and be familiar with using emerging technologies that can encourage student participation (e.g. virtual environments, gaming technologies, and Web 2.0 tools). Teaching with use of modern technical facilities enhances student's knowledge and the teacher educators efficiency.

Attitudes are enduring organization of motivational, emotional, perceptual and cognitive process with respect to some aspect of the individual's world. Attitudes may be considered as "natural or instinctive" which are learnt through socialization process. According to Bogardus (1931) "An Attitude is a tendency towards or against some envision factor which becomes there by a positive or negative value". It is a state of readiness, a main tool which initiates motivation and genuine interest towards one's own professional development and excellence. Hence teacher educators should have positive attitude towards using ICT in their teaching methods.

### Objectives of the Study:

The present study made an attempt to study the following objectives-

1. To study the Attitude level towards using ICT in teaching among the Teacher Educators.
2. To study the Attitude level towards using ICT in teaching among Teacher Educators based on the Type of Gender.
3. To study the Attitude level towards using ICT in teaching among Teacher Educators based on the Type of Institutions.

### Definition of terms:

Attitude	: A state of mental readiness
Teacher Educators	: Teachers working in Teacher Education Colleges.
ICT	: Information and communication technology.

### Hypothesis :

1. There is no significant difference in Attitude level towards using ICT in teaching among Teacher Educators based on the type of Gender.
2. There is no significant difference in Attitude level towards using ICT in teaching among Teacher Educators based on the type of Institutions.

### Methodology:

#### Sample

A random sample of 50 Teacher educators from colleges of Education in Puducherry were taken for this study.

### Tools Used:

1. A self constructed and standardized Attitude scale towards using ICT was used to collect the data. The Attitude towards ICT application was measured in the areas like impact of ICT, usefulness for students, productivity for teaching, teacher's interest and acceptance. It is a five point scale with 30 items.

### Statistical Technique Used:

The Differential analysis technique was used for analyzing the data as per the objectives of the study stated earlier.

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### Limitations:

Following were the limitations of the study

1. The study was limited only to B.Ed colleges in Puducherry region.
2. The study was limited only to 50 Teacher Educators from government and private colleges.

### Result Analysis:

Questionnaire was used for data collection purpose. The data were analysed employing the statistical techniques to arrive at meaningful conclusions.

**Table- 1: Attitude level towards using ICT in teaching among Teacher Educators.**

s.no	Attitude level towards using ICT	Number	Percentage (%)
1.	Extremely favourable	22	44
2.	Positively favourable	16	32
3.	Moderately favourable	12	24
4.	Unfavourable	0	0
5.	Extremely unfavourable	0	0

From the above table it is inferred that the most of the Teacher educators have favorable Attitude towards using ICT in their teaching.

**Table- 2: Significant difference in the Mean scores of Attitude towards using ICT among Teacher Educators based on the Type of Gender.**

Attitude towards using ICT	N	Mean	S.D	Table Value for df= 24	t value
Male	25	120.32	27.6	2.06	27.59
Female	25	117.48	9.46		

From the table that the "t" value is greater than the table value at 0.05 level. Hence the null hypothesis is rejected. Therefore there exists a significant difference in Attitude level towards using ICT in teaching among the teacher educators based on gender.

**Table- 3: Significant difference in the Mean scores of Attitude towards using ICT among Teacher Educators based on the Type of Institutions.**

Attitude towards using ICT	N	Mean	S.D	Table Value for df= 24	t value
Male	25	120.32	27.6	2.06	27.59
Female	25	117.48	9.46		

From the table that the "t" value is greater than the table value at 0.05 level. Hence the null hypothesis is rejected. Therefore there exists a significant difference in Attitude level towards using ICT in teaching among the teacher educators based on gender.

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**Table- 3: Significant difference in the Mean scores of Attitude towards using ICT among Teacher Educators based on the Type of Institutions.**

Attitude towards using ICT	N	Mean	S.D	Table Value for df= 24	t value
Government	25	103	19.96	2.06	25.79
Private	25	118.32	12.19		

From the table that the “t” value is greater than the table value at 0.05 level. Hence the null hypothesis is rejected. Therefore there exists a significant difference in Attitude towards using ICT in teaching between the types of institutions and private teacher educators have greater attitude in using ICT for teaching.

### Educational Implications.

On the basis of the above findings a few recommendations have been offered.

- ❖ Teacher educators must enhance their attitude towards technological tools for teaching more creatively, lively and to achieve the aims of teaching.
- ❖ Re-evaluate the teacher education programs to utilize more interactive, online technologies for effective teaching.
- ❖ Teacher educators must be aware of the changing needs and challenges in the classrooms of teaching i.e. Visit e-learning portals and review themselves with ICT applications.
- ❖ Online orientation program based on ICT can be provided to the Teacher educators to improve their Job satisfaction and Professional development.

### CONCLUSION

From the analysis and findings, it is inferred that there exists a significant difference in Attitude level towards using ICT in teaching among the teacher educators based on gender and Type of Institutions. Teacher educators from Government sector and female educators can enhance their technological attitude. Hence the study suggests that Technological Orientation and training should be an integral part of Teacher Educators programmes so as to improve Teacher educator's skill of knowledge as per the changing needs of the society. Technological tools reduce the paper work and preparatory work of Teacher educators and enhance their teaching competency. Teacher educators should be always open minded to accept the new innovation in the field of technology for uplifting the quality of education. It is also recommended that proper orientation should be provided to improve teacher educators positive attitude towards using technology in teaching which basically leads way to their professional development

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