



Use of ICT and attitude towards ICT of secondary school teacher: A correlational study

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Abstract

Present research aims to study The Use of Information and Communication Technology (ICT) and Attitude towards Information and Communication Technology (ICT) of English Medium Secondary School Teachers. The sample of the study was selected by Stratified Random Sampling method which includes 100 Teachers of English Medium Secondary School. A Standardized tool 'Scale to Assess Use of ICT and ICT attitude scale for secondary school teachers' prepared by Sunanda Saini was used. Research finding reveals that the level of extent of use of ICT among English Medium Secondary School Teachers is Moderate. The attitude of English medium secondary school teachers towards ICT use is moderate. Further findings revealed that there is positive low correlation between use of ICT and attitude towards ICT use of English medium secondary school teachers.

Keywords: Information and Communication Technology, Attitude, Secondary school teachers.

1. Introduction

Information and Communication Technology (ICT) is a term that covers a wide range of communication device or application, including radio, television, cellular phones, computers and network hardware and software, satellite systems and so on, as well as the various services and applications connected with them, such as videoconferencing and distance learning. In recent years, ICT has brought many changes in our lives as well as in the society in which we live. It has remodel all our activities as how we carry out our work, share our ideas with each other, the way we replaced market shopping by online shopping, and travel. There is no turning back today. The use of ICT in media is growing at a faster rate as well as the area of education is also developing day by day by integrating ICT in it.

ICT has become an important part of every individual's life. The emergence of ICT has given empowered the Research scholars, Educators and students to work in a specific and novel way. Today, traditional schools are rapidly transforming themselves into smart schools with the help of ICT applications and devices. The use of ICT in education has enhanced the effectiveness of learning as well as teaching. The initiation of ICT in schools not only made the teaching learning process interesting but also engaged the students in technology enhanced learning.

2. Objectives of the research

1. To study the extent of use of ICT of English Medium Secondary schools teachers.

2. To study the attitude of English Medium Secondary schools teachers towards ICT use.
3. To study the correlation between use of ICT and attitude towards ICT use of English medium secondary school teachers.

3. Hypotheses

1. The extent of use of ICT of English Medium secondary school teachers is high.
2. The attitude of English medium secondary school teachers towards ICT use is positive.
3. There is positive high correlation between use of ICT and attitude towards ICT use of English medium secondary school teachers.

4. Research methodology

- i) **Method:** Descriptive Survey method of research was employed to study the extent of use of ICT among English Medium secondary school teachers.
- ii) **Sampling technique:** Stratified Random sampling technique was used.
- iii) **Sample size:** 100 English Medium secondary school teachers.
- iv) **Tools:** "Scale to Assess Use of ICT and ICT attitude scale for secondary school teachers" by Sunanda Saini is used in the present research.
- v) **Statistical analysis:** Mean, SD, Person's product moment method for correlation were used to analyze the data.

5. Analysis and interpretation of result

Hypothesis 1: The Extent of use of ICT of English Medium secondary school teachers is high.

Table 1: Table showing use of ICT of English Medium secondary school teachers.

English Medium Secondary School teachers	N	Mean	Range	Interpretation
	100	74.9	54-92	Moderate Use

It is inferred from the calculation of collected data, the Mean value of use of ICT of English Medium secondary school teachers is 74.9 which lies between the range 54-92. The results indicate that the use of ICT of English Medium secondary school teachers is moderate.

Hypothesis 2: The attitude of English medium secondary school teachers towards ICT use is positive.

Table 2: Table showing attitude of English medium secondary school teachers towards ICT use.

English Medium Secondary School teachers	N	Mean	Range	Interpretation
	100	123	117-147	Neutral Attitude

The result reveals that obtained mean value is 123, which lies in the range 117-147. This shows that attitude of English medium secondary school teachers towards ICT use is neutral.

Hypothesis 3: There is positive high correlation between use of ICT and attitude towards ICT use of English medium secondary school teachers.

Table 3: Table showing correlation between use of ICT and attitude towards ICT use of English medium secondary school teachers

Variable	Pearson's Coefficient	Range	Degree of correlation
Use of ICT and Attitude towards ICT use	0.319	0.20-0.40	Positive low correlation.

From the above table the coefficient of correlation between use of ICT and attitude towards ICT use is +0.319 which lies in the range 0.20-0.40 which shows positive low correlation.

6. Results

Research finding reveals that the use of ICT of English Medium secondary school teachers in Aurangabad city is moderate. Also the attitude of English medium secondary school teachers towards ICT use is Neutral. Further, it was found that there is positive low correlation between use of ICT and attitude towards ICT use of English medium secondary school teachers, which means while both the variables tend to go up in response to one another, the relationship among them is not very strong.

7. Discussion

In the present research it was expected that the extent of use of ICT of secondary school teachers in Aurangabad City would be high. But it was found that the Extent of use of ICT is moderate. The moderate level of use of ICT of teachers towards ICT use may be due to-Lack of qualified ICT personnel, Cost of equipment, Skills and knowledge, Management's attitude, Inconsistent electric power supply, Teachers' training curriculum.

8. Conclusion

With an increase in growth and development of technology, it has become necessary that the teacher as well as students should keep themselves abreast in new trends of education. Teacher or educators should develop a positive attitude towards the use of ICT which will ultimately help them in a number of ways. Implementing ICT in education would definitely bring good and positive changes in education system.

9. References

1. Concept of Information, Communication and Educational Technology. (n.a).University of Mumbai study material. Retrieved from http://archive.mu.ac.in/myweb_test/ma%20edu/ICT%20-%20Edu..pdf
2. Iboro Okon Ukpog. Examination of Ict Compliance and Utilization for Curriculum Delivery Among Social Studies Teachers In Nigeria. International Journal of Education, Learning and Development 2016;4:(7):1-10. Retrieved from <http://www.eajournals.org/wpcontent/uploads/Examination-of-ICT-Compliance-and-Utilization-for-Curriculum-Delivery-among-Social-Studies-Teachers-In-Nigeria.pdf>
3. Information and Communication Technology in Schools. Fedena. Retrieved from 2016. <https://fedena.com/blog/2016/05/importance-of-information-and-communication-technology-in-schools.html>
4. Suri Ajay. Need and Importance of Ict In Education. My Class Board, School Messenger. Retrieved from 2016. <https://www.myclasboard.com/blog/need-importance-ict-education/>