

# Awareness of administrators on ICT applications in School Administration

**Ajai Kumar David. J,**

Research Scholar, Department of Education, Annamalai University

**Senthilkumar. K**

Assistant Professor, Government College of Education, Orathanad- 614 625

## Abstract

The ability of administrators in utilizing the tools of ICT differs from one person to another, depending on how well their knowledge and awareness of ICT is acquired. The use of ICT is an activity which requires thorough understanding and well-developed skills of the administrators. Thus, it is important that the administrators have sufficient awareness on the availability and use of the ICT for performing their assigned administrative tasks. Awareness on ICT usage is the foundation upon which all the other competencies can be effectively acquired. Therefore, it is vital that the administrators possess the sufficient ICT skills before they can start engaging in use of ICT for administrative purpose. The investigator found it desirable to limit the study to a sample of 639 Post Graduate Teachers who were the administrators of Schools located in Bengaluru City of Karnataka State, India.

**Keywords:** Awareness of ICT Applications, School Administration

## Introduction:

The awareness and awareness levels of the administrators play a vital role in the effective utilization and application of the tools of ICT for administrative tasks. It is essential that the administrators are familiar with the existing ICT tools and the advantages of using those to optimize their work performance. Moreover, the knowledge of ICT can be obtained through various activities like taking courses, attending workshops and seminars or reading peer-reviewed literature. Administrators is essential for effective utilization of ICT tools. ICT usage in school administration involves the activities of multiple stakeholders, such as teachers, staff, and students. The involvement of the administrators is particularly important. As noted by Weeks (2020), school administrators play a pivotal role in the adoption of ICT as they are responsible for the decision-making, implementation, and evaluation of ICT. Hence, their attitude towards ICT and motivation to use it for school administration can have a substantial impact on overall ICT utilization

## Significance of the Study

For school administrators, the rising use of information and communication technology (ICT) in administrative procedures presents some unique issues. The degree to which administrators are aware of using ICT technologies to enhance their operations and processes is one of the key problems. So, the purpose of this study is to find out how knowledgeable school administrators are about using ICT for administrative purposes. This would rely on the administrators' knowledge of the ICT they now use or plan to employ, as well as the difficulties they encounter in effectively utilising ICT systems for administrative tasks in their schools. It is anticipated that this research will shed some important light on how well-informed school administrators are about using ICT to run their own institutions. This is anticipated to support the creation of stronger policies and initiatives aimed at raising awareness of and increasing the use of ICT for administrative tasks in schools

## Title of the Study

The problem taken for the present study may be stated as “Awareness of Administrators on ICT Applications in School Administration as related to certain selected Variables”.”

## Objectives

The present study has the following objectives.

- ❖ To find out the level of Awareness of Administrators in ICT Applications for School Administration.
- ❖ To find out whether there is any significant difference in Awareness of Administrators in ICT Applications for School Administration in terms of variable such as  
Gender: (Male/Female)  
Locale: (Rural/Urban)

## Hypothesis of the study

The hypotheses of the study are as follows:

1. The Awareness of Administrators in ICT Applications for School Administration is high.
2. There is no significant difference in Awareness of Administrators in ICT Applications for School Administration between male and female School Administrators
3. There is no significant difference in Awareness of Administrators in ICT Applications for School Administration between rural and urban School Administrators.

## Tool

Internet usage of school administrators scale, Internet usage of School Administrators Scale developed and validated by Ajai Kumar David .J and Senthilkumar .K (2019)

## Method

Random sampling technique was used in the selection of sample. So, the sample includes 639 Post Graduate Teachers who were the administrators of Schools located in Bengaluru City of Karnataka State, India.

## Analysis and the interpretation of data

### Hypothesis-1

The Awareness of Administrators in ICT Applications for School Administration is high.

**Table -1**

**The Mean and SD of Awareness of Administrators in ICT Applications for School Administration Scores**

Demographic Variables	Sub sample	N	Mean	SD
Gender	Male	307	133.09	19.543
	Female	332	143.62	18.270
Locality	Rural	336	142.96	19.100
	Urban	303	133.68	19.009
Entire Sample		639	138.56	19.598

The School Administrators' are possessing a moderate level of Awareness in ICT Applications for School Administration (M=138.56). Further, the mean values for the sub samples indicates that Female, Rural school, School Administrators are having higher level of Awareness in ICT Applications for School Administration than their counterparts

### Hypothesis-2

There is no significant difference in the Awareness of Administrators in ICT Applications for School Administration with respect to in their gender.

**Table -2**

**Significant difference between male and female school administrators in their awareness of ICT applications**

Variables	Gender	N	Mean	S.D	t-value	Remark
Awareness of ict applications	Female	307	133.09	19.543	7.02	significant
	Male	332	143.62	18.270		

It is inferred from the above table that there is a significant difference between male and female school Administrators in their Awareness of ICT Applications for School Administration.

### Hypothesis-3

There is no significant difference in the Awareness of Administrators in ICT Applications for School Administration with respect to in their locality.

**Table -3**  
**Significant difference between urban and rural school administrators in their awareness of ICT applications**

variables	Locality	N	Mean	S.D	t-value	Remark
Awareness of ICT applications	Urban	336	142.96	19.100	5.145	significant
	Rural	303	133.68	19.009		

It is inferred from the above table that there is a significant difference between urban and rural Administrators in their Awareness of ICT Applications for School Administration.

### Major finding of study

- The School Administrators' are possessing a moderate level of Awareness in ICT Applications for School Administration
- It is inferred from the above table that there is a significant difference between male and female school Administrators in their Awareness of ICT Applications for School Administration.
- It is inferred from the above table that there is a significant difference between urban and rural Administrators in their Awareness of ICT Applications for School Administration

### Conclusion

From the above analysis, it is conducted that the majority of the entire sample of School Administrators' possess a moderate level of Awareness in ICT Applications for School Administration. The sub sample of the present study such as the Gender and Locality shows a significant difference in Awareness of ICT Applications for School Administration.

### References

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