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## **DOMINANCE OF INFORMATION COMMUNICATION TECHNOLOGY OVER THE TRADITIONAL EDUCATIONAL SYSTEM FOR QUALITY EDUCATION**

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### **ABSTRACT**

*The use of Information Communication Technology is very common in every spare of life of human being. Therefore, the field of education is also not immune from its influence. Information Communication Technology is responsible to make education more smooth and speedy. Therefore, it has dominated the traditional education system more rigorously and strengthened the quality of education so as to bring it within the reach of every individual without the limitations of time and place. Information Communication Technology has dominated the traditional education system in different ways like it is extended to the urban areas, campus education, online study material, promotes working skills etc. therefore, Information Communication Technology is proved to be very fruitful for students, teachers, parents and society at large. Moreover, Information Communication Technology protects the right to education. In other words it protects the basic human interest or right to education. Nevertheless, it assures quality education bias as to status. Since, Information Communication Technology dominates the traditional education system in processing of the knowledge and sharing the knowledge more quickly and accurately.*



**KEYWORDS:** *Information Communication Technology, dominance, traditional, educational, system, online, reception, urban, working skills, interest, submission, benefits, advantages, sharing, empowers, regulates, communication, enhance, regulation, restrictions, control, irrelevant, use, limited.*

### **INTRODUCTION**

Information communication Technology is basis of the advancement of human life and sustenance. It helps students to study together and prepare together by sharing information and knowledge through speech, writing, the printed word and, more recently, telephony and broadcasting. Since, the sharing of information empowers student communities, and enables them to get more knowledge from the online study material. Since, in the last decade it has been found that the effective changes are made so as to communicate and share knowledge through the advancement of information communication technology, particularly the Internet. Therefore, the new changes are responsible for providing knowledge very effectively, quickly and cheaply. But the implementation of the said policy is controlled by the government decisions and practices. Therefore, the Information Communication Technology is the soul of the advanced

education system. Nevertheless, it dominated effectively over the traditional educational system so as to share the knowledge very quickly and accurately.

#### **NEED OF STUDY:**

It was observed that education system in today's world is very advanced as compared to the traditional education system. It is due to the dominance of the Information Communication Technology on the traditional education system. There are different benefits of the application of the Information Communication Technology in the modern education system. Sharing of knowledge is not limited to the four walls of classroom but it expanded to the study room of students without the limitations of boundaries of urban and rural areas. Since, the poor students are able to share the knowledge easily and at the affordable cost. Therefore, the Information Communication Technology has in real sense has opened the door of knowledge for all students through internet and maintained equity in providing educational resources to all. In this sense the Information Communication Technology has dominated the traditional education system. Therefore, the researcher is inclined towards the research paper to find out the dominance of the Information Communication Technology over the traditional education system.

#### **OBJECTIVES OF THE STUDY.**

1. To study the Information Communication Technology.
2. To study the uses of the Information Communication Technology in education.
3. To find out the grounds of dominance of the Information Communication Technology over the traditional education system.
4. To find out the drawbacks of the Information Communication Technology over the traditional education system.
5. To give suggestions to overcome the lacunas.

#### **Hypothesis.**

1. The application of the Information Communication Technology in the modern education system has overwhelmed the drawbacks of the traditional educational system.

#### **Nature and Scope:**

The Information Technology Act, 2000 and the relevant provisions of the said Act in the light of the Indian Constitution and the necessary case laws is the scope of this research paper. Moreover the application of the Information Communication Technology in the modern educational system so as to defeat the drawbacks of the traditional educational system and its benefits as far as the sharing of knowledge is concerned is also the matter piped in the the nature of the research paper. Therefore, the relevant provisions of the relevant topics from the secondary data are referred to write the research paper.

#### **Research Methodology.**

This is an arm chair research. Therefore, the researcher used the secondary data from relevant topics of the resources available to complete the research paper. Since, it is became very necessary to use the relevant books, journals; the application of Information Communication Technology, Act 2000, online subject material, case laws, and the Indian Constitution, role of internet in sharing knowledge etc. as the secondary sources are used to complete the research paper.

#### **Review of Literature**

**Davis (1993)** in his study 'Tools for learning' believes that there is no single magical formula for motivating students. With colorful and attractive graphics, interesting and illustrative animations, appropriate sound effects, ICT provides multisensory stimulations and real-world experiences.

**Grabe (2001)** stated that technology should facilitate meaningful learning in the classroom. Also, it should engage the thinking, decision making, problem solving and reasoning behaviors of students.

**M2 Communications Ltd (2001)** conducted study on ‘ICT investment boost secondary schools’. They found that there was a consistent trend for pupils in schools with better IT resources to achieve better grades for English, math and science. It also indicated that schools that used IT to support a particular subject, tended to achieve better in that subject than schools which did not use IT.

**Kong et al. (2000)** investigated study on ‘Possibilities of creative and lifelong learning’. They found that the integration of IT and curriculum is the main force in promoting the full acceptance of information technology by teachers and students.

### **1. Definition of the Term ‘Information Communication Technology’.**

It is defined as, “a diverse set of technological tools and resources used to communicate, and to create, disseminate, store and manage the information.” Therefore, it includes the Computers, Internet, Broad Casting technologies and telephony.” In other words the use of the internet in the education to extend the scope of the education is termed as the Information Communication Technology.

In other words, Information and communications technology covers to all the technology applied to operate telecommunications, broadcast media, intelligent building management systems, audiovisual processing and transmission systems, and network-based control and monitoring functions. Moreover, the Information and communications technology is as synonym for information technology but its scope is broader. The Information and communications technology is used in modern educational system to has mention different technologies and the use of it for transmission of diverse knowledge for all.

### **2. Dominance of Information Communication Technology over the traditional education system for quality education:**

#### **1. It bridged the gap between the urban and rural students:**

It is found that the Information Communication Technology is very successful to increase the opportunities in education for all. In this regard it proved to be an effective tool to overwhelm the drawbacks in the educational sector as far as the limitations of transmission of knowledge in rural and urban areas is concerned. Nevertheless, it is also applied to give both formal and non-formal education also. It is also capable to transfer the knowledge without limitation of the boundaries of the urban and rural areas. Nevertheless, it nourished the equality of opportunity of education to the religious minority, women and the disabled students as well as the vulnerable section in the society.

#### **2. It defeated the constraints regarding the education on campus.**

The Information Communication Technology, nevertheless, demonstrated to be effective ammunitions in destroying the constraints as to take education in the campus. Therefore, The Information Communication Technology assisted to provide the education beyond the time and place limitations. Therefore, it is not merely a dream to take education out of campus by students. Furthermore, it made enhanced the opportunity to access the course material at 24 hours and 7 days. Since, it nourished the capacity of reception by many receivers at a time. Therefore, Information Communication Technology has defeated the constraints regarding education on campus.

#### **3. The autonomy of the printed books in the libraries is curtailed:**

Information Communication Technology provided an alternative option to get knowledge other than the printed books in the libraries. Therefore, the course material is not restricted within the four walls of the library. Rather it is freed for enjoyment of everyone.

Since, knowledge on the internet is inexhaustible on different subjects and topics of the course material. Thus, the treasure of the online wealth of course material is emancipated by the application of Information Communication Technology in the modern education system. It provided online course material from the elementary level of education to the doctoral level of education. Thus, the Information Communication Technology, assisted to divergent students, professional, and to every person eager to receive the knowledge in the world.

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Therefore, the Information Communication Technology has curtailed the autonomy of the printed books in the libraries.

#### **4. Information Communication Technology fosters working skills among students.**

The Information Communication Technology provides an opportunity to the students to gain essential skills so as to train him for the future employment. Thus a successful completion of the apprenticeship strengthens his future responsibilities. The Information Communication Technology provides online reading resources firstly and evaluation afterwards. It assists to the students to get the necessary skills. Thus, the literacy in Information Communication Technology nurtures the students as the competent personalities to shoulder the responsibility in future. Moreover, the Indian policy of the globalization also assisted positively so as to support the extension of the Information Communication Technology in every aspect. Since, the Information Communication Technology has created motivational influence on the students for learning and receiving skills, the Information Communication Technology fostered working skills among the students.

#### **5. The Information Communication Technology made sharing of knowledge very comfortable.**

The Information Communication Technology is not only assisted to the students community but it is more comfortable to teachers communicate also so as to share their knowledge very quickly and efficiently. Therefore, the stream of knowledge is flowing between the two edges like students and the teachers. The Information Communication Technology is comfortable teacher as it assists to make planning of lessons and the preparation of the notes, and reference material for the students etc. Furthermore, it helps to preserve the data up to date and it may be stored for available at any time and at anyplace.

Since, the Information Communication Technology made sharing of knowledge very comfortable.

#### **6. Information Communication Technology is student centric and simulative.**

The Information Communication Technology is also nurtured the individualistic and energetic learning of the pupils. Since, the Information Communication Technology has successfully nurtured self confidence and the self esteem among the students so as to encourage the students more as compared to the traditional educational system.

Nevertheless, it may be appropriate to call it as it resulted in envelopment of the student centric approach rather than the mass centric approach as was found in the traditional educational system. Furthermore, the the Information Communication Technology trusted the students towards the knowledge as per his own interest of the learner rather than than the interest of the curriculum. Moreover, it provided the actual experience through simulation, without going on the sites so as to prepare the students for the field work in future. Since, the Information Communication Technology is student centric and simulative.

#### **7. The Information Communication Technology is a boost to the quality of education.**

The Information Communication Technology is very beneficial to upgrade the quality of education. Therefore, the UGC and Universities are supporting to provide the Wi-Fi services e educational campuses. The Information Communication Technology is a boost to the quality of education in different ways like by encouraging the learners, providing the essential skills, upgrading the teachers teaching skills through the different refresher and orientation courses of the Human recourse Development centers of the University Grants Commission. Therefore, the Information Communication Technology is an instrument to blossom the quality education at affordable cost for al students.. The Information Communication Technology is encouraging to learn through the videos, multimedia software, intellectual development games, songs, poems, slide shows, comics, dramas, films etc so as to flourish the qualify education. Since, the information Communication Technology is a boosted the quality of education.

### 8. The Information Communication Technology enhanced the ability of students to processing of and sharing of the knowledge.

The Information Communication Technology is assisted to the students in processing the knowledge achieved so as to enhance their learning skills to adopt knowledge and apply it in practice. Similarly, the Information Communication Technology helped the students in the sharing the knowledge through documents and notes through gmail and other means.

Since, the Information Communication Technology enhanced the ability of students to processing of and sharing of the knowledge.

### 3. Criticism.

1. The use of the Information Communication Technology in the education would create negative impact on the students as they are involved in the immoral traffic.
2. The Information Communication Technology affects the attitudes of the teachers as there is more of knowledge is available.
4. The brains of the students may be demoralized due to free knowledge on unethical aspects also..
5. The trend of ready made study material prevailed which hampering independent thinking and application of mind..

### HYPOTHESIS:

1. The application of the Information Communication Technology in the modern education system has overwhelmed the drawbacks of the traditional educational system.

**It is verified and found true on the basis of the secondary data.**

### 4. FINDINGS AND CONCLUSION.

On the basis of the above explanation it may be concluded that the Information Communication Technology is dominated over the traditional education system in many respect from the point of view of the students teachers also education. Undoubtedly, the Information Communication Technology had its own superiority. Therefore, the findings of the research paper would be that the use of the Information Communication Technology blossom the quality of education but nevertheless the use of Information Communication Technology should be restricted as per the prevailing principles of objectives, ethics and morality. There should be control on the students so as they may not be indulged to use irreverent sites. The misuse of the the Information Communication Technology would be avoided with the regulated use. The Information Communication Technology use should be balanced with the utility and the purity of the minds of the students. Since, the Information Communication Technology, Act 2000, therefore, very rightly controlled the misuse of the the Information Communication Technology. by laying different restrictions and regulations of the Information Communication Technology in India.

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