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## THE EFFECTIVENESS OF ICT DURING LOCKDOWN FOR COVID -19

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### ABSTRACT:

The ICT-dependent aspects that have made people more attractive during lockdown include the use of online newspapers, e-mail, video conferencing, and more. ICT has made a significant impact in the field of communication as well as in the field of education, which is now gaining ground in online centric learning. In order to maintain social distance, 86% of the educational institutions in the world have been forced to stop general classroom-based education today.

On the contrary, while maintaining social distance, ICT has become the main pillar of online based education through dependent education. In a populous country like ours, it is possible to evaluate the effectiveness of this emerging online-based education and communication in terms of proper user application. In a country like ours, the use of ICT in social and personal life has taken Indian civilization a long way. But it has been found that only 36% of the total population of effective education has access to the education system. The effective application of ICT based communication or education in urban areas has increased. But rural areas are still facing problems. Considering that perspective, in this paper, the current situation of ICT reliance in in India in terms of the world is presented in this paper.

**Key Words:** Communication, Digital India, ICT reliance, Pandemic, Social distance,

## **Introduction**

With the development of human civilization, in the current era of globalization, the use of information and technology has spread everywhere. Although the use of technology in developed countries is developing a lot, our country India is lagging behind the use of technology in many developed countries.

The role of information technology as a means of human-to-human communication while maintaining social distance during the current COVID-19 pandemic is undeniable. In our country, as in all countries of the world, the need for human livelihood, and a lot of technological advancement has increased during the pandemic. From education to agriculture, medicine, etc. the use of ICT has become absolutely necessary.

Just as the pandemic has taken away a lot of people's normal life, it has taken the use of technology in a country like ours many years ahead which can be said to be the benefit of using a lot of technology for our country which paves the way for a digital India and helps pave the way for this idea in a much more sustainable way.

## **Objectives: -**

The main objectives of this study were follows:

- 1) To knowing about the concept of ICT.
- 2) To determine about the need for ICT education in the current pandemic situation.
- 3) To know the preference and importance of ICT education.
- 4) To knowing the student related ICT education.
- 5) To find out effectiveness ICT education.

### **Methodology of the studies: -**

The study was basis of descriptive method and survey method. This is a descriptive study document analysis is applied for the development of paper. This study has been conducted in following collecting of data from book and data collected from internet, collection of data from publish paper in the journal.

### **Interpretation: -**

Considering the use of ICT in the current situation and how it can be properly implemented, all the aspects that we will put it in the place of interpretation are described below.

### **Concept of ICT:**

The term ICT refers to the technologies related to information and communication. People communicate with each other through words, video messages, image inspections. And people have used this technology to clearly shape this communication. The fields of communication have benefited greatly through the use of technology. Technology has integrated various aspects of words, philosophy, images and information with the remote person of communication.

### **Scope of ICT:**

The spread of information communication technology in various fields. These are the areas where ICT makes an important contribution.

### **Professional development for teacher:**

ICT plays an important role in providing proper training in any professional field. and they can be developed professionally through repeated practice studies.

### **Availability of resource:**

It plays an important role in the proper use of the right resources and the implementation of the right plan. Includes ICT for proper use of resources

### **ICT in school:**

This includes the field of school education-based ICT considering the scope.

### **Facilitating skill formation:**

Proper use of ICT is a field of skill that can be mastered through repeated practice.

### **Improving community linkage:**

Proper communication between any group of people through information communication is considered from a technical point of view. Therefore, this field is a wide field between people or groups.

### **Distance learning:**

The role of ICT in connecting people with remote people is important so distance learning is an important area of ICT.

### **Information technology in education management:**

Of course, ICT has an important role to play in the management or supervision of an organization.

### **Enhance teaching:**

The scope of ICT is to expand teaching skills. Through repeated practice of that skill technology, students bring about habitual changes in their behavior and enhance learning.

### **Helping the student learn:**

ICT creates a scope for students to learn properly and self-assess.

### **Various uses of ICT strategy**

The scope of ICT exists everywhere and creates communication between one person and another through various means. In the field of education, it also has an important role to play in the medium of communication with people.

### **Using online collaborative tools:**

Online Collaboration Tools. Online collaboration tools are web-based applications that offer basic services such as instant messaging for groups, mechanisms for file sharing and collaborative search engines (CSE) to find information distributed within the system of the organization, community or team.

### **Using e-book:**

An electronic book, also known as an e-book or eBook, is a book publication made available in digital form, consisting of text, images, or both, readable on the flat-panel display of computers or other electronic devices. Although sometimes defined as "an electronic version of a printed book", some e-books exist without a printed equivalent. E-books can be read on dedicated e-reader devices, but also on any computer device that features a controllable viewing screen, including desktop computers, laptops, tablets and smartphones.

### **Using Google form:**

Google Forms is a tool that allows collecting information from users via a personalized survey or quiz. The information is then collected and automatically connected to a spreadsheet. The spreadsheet is populated with the survey and quiz responses.

### **Using is journal:**

A journal is a record that can be used to detail everything from your feelings about a particular situation in your social life to your thoughts on a current event in the political world.

### **Use e-library:**

*digital library*, digital repository, or digital collection, is an online database of digital objects. There are a number of software packages for *use* in general *digital libraries*, for notable ones see *Digital library* software. Institutional repository

### **Use video conferencing:**

Video conferencing is a visual communication session between two or more users regardless of their location, featuring audio and video content transmission in real time.

### **Benefit of ICT at lockdown periods: -**

The facilities that ICT has provided to students for learning during the epidemic are discussed below.

### **E-learning or Online Learning:**

ICT in education has provided a new learning opportunity for students and teachers. Growing popularity online has led to unprecedented events in our lives during this lockdown. The role of ICT is important in this regard.

### **ICT brings inclusion:**

ICT brings all the benefits to the students. In addition to the material contained in the curriculum, the student can use ICT for his own educational needs to collect information related to various entities and digital.

### **ICT promotes higher-order thinking skills:**

Education in the twentieth century where core competencies include assessment, planning, observation, and a few reflections. The use of ICT in education demands a lot of students during the lockdown. The use and interpretation of ICT in solving all these problems has helped the students strategically and increase the popularity of ICT.

### **ICT enhances subject learning:**

In today's world, the use of ICT in education has become more important in the field of literacy and numeracy.

### **ICT use develops ICT literacy and ICT Capability**

The current state of affairs in developing student skills and learning backgrounds in a transparent manner. The best way to develop ICT capabilities is to provide objective activities and adopt appropriate ICT policy on objective issues.

### **ICT use encourages collaboration**

In the current epidemic, students are learning at home instead of in the traditional classrooms. Children are happy with technology and as they learn in the classroom, they need technical knowledge and will be able to actively learn through effective ICT.

### **ICT in education improves engagement and knowledge retention:**

When the ICT lesson is compromised in the closed life of people's home environment, people including students are properly engaged in their work.

ICT accurately expresses the personality of the person; we learn in our own strategy and evaluate it properly. ICT helps in that task.

### **My thought and overview for implication of ICT education**

Digital classrooms need to be managed properly so that students can fill in the gaps in education created as a result of long lockdowns. The digital classroom will allow students to learn consistently and according to their time-opportunities, and to spend the day beautifully and learn in a way that is emotionally stress-free.

### **Appropriate curriculum:**

Appropriate curriculum needs to be refined so that the subject of ICT is included in the curriculum of the student and he can gain ICT dependent knowledge so that he can adapt in the next few days.

### **Teaching parents about ICT use:**

Students need to be trained in home teaching. Educational institutions are really shutting down during the corona virus. That is why home teaching needs to be arranged for the students. It may not be possible for them to pay attention to their children's education due to the busy schedule of their parents in the previous days. Training is required to go.

### **Government budget increase:**

The government needs to carry a significant budget in terms of how ICT can be used among successful people. The government needs to allocate funds so that everyone can be covered and have an idea of how to deal with the situation in the coming days.

### **Giving the ICT gazette:**

Giving the ICT gazette to the needy people in all fields starting from the education system as a government grant so that they can have a significant impact in the field of communication.

### **To create awareness:**

The role of ICT should be emphasized to create awareness among people from all walks of life. In order to maintain social distance and during or after the coronavirus, some virtual discussion meetings have to be held on how to disinfect an educational institution or a populated area.

### **Emphasis on co-curricular activities**

The pressure of studying in the past on the lives of students during or after the lockdown. For this reason, besides academic activities, mental health protection should be ensured in the syllabus. For this, emphasis should be given on the co-curricular activities of the students and through this the students should be health conscious and return to their mental state.



### **Creating web pages**

There is a need to create a webpage for students to teach during the student lockdown phase and to determine their activities. That's why they need to create web pages by combining some of their interesting images, images, videos and audios on the web page and focus on how to make them interactive. So that they can work on learning in a unique way.

### **Creating virtual learning environments:**

The home environment of the student should create a virtual learning environment. The parents of the student should be trained in that way. In order to provide the students with the necessary tools, they need to be provided with all the necessary materials for learning in the virtual class and they need to be taught to manage them properly.

### **Professional learning community of teachers for conducting ICT based education:**

Teachers must acquire knowledge about ICT so that they can conduct teacher-education with professionalism and communicate properly with teachers and teaching staff.

### **Curriculum summary:**

In order to make the education system more effective during coronavirus, the curriculum of education has to be shortened.

### **Online course material supply:**

Provide them with online course material so that students can study on time and provide various videos, images, information on their activities as per their opportunity. So that they could learn them regularly. Job teachers need to be helpful enough. Teachers need to upload some of the content of their course online every week. In order for them to move forward one by one, the teacher has to be active enough to activate them.

### **Open book exam assessment:**

In this lockdown situation, it is not possible to test the institution-centred education system in any way. so, in this case, the open book exam will be the only way if students can be brought into this system. Although online classes can be taken now, there are complications in the exam. They can be taken as an alternative to this problem through online exam. In case of online exam, usually a creative question paper is prepared. Although the questions are related to the study, the answer cannot be found directly with the outside book. Encouraging such exams will make it easier for students to take online exams as well as develop students' creativity quite well.

### **Conclusion**

A few days ago, all the people in our world were very busy and lively. Every morning was so busy, I could never imagine that the days would gradually disappear with the attack of Covid-19. Today, the world is paralyzed by the biggest horror and disaster. The triumph of science may come with a new pattern of freeing the corona virus. The stagnation of the corona virus that has brought down the world has not escaped the stagnation of education and online education in developed countries, but it is difficult to run the right curriculum in our populous country. Although some educational institutions continue to provide education online, the education system in a country like ours is very uncertain today. In order to make the education system operational, ICT based education needs to be introduced. Therefore, proper application of ICT will enable active development of education.

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