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## Online Education in Current Scenario

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### ABSTRACT

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During COVID-19 situation, there is a problem of study in front of students and challenges in front of teachers. In this adverse situation, how to give indirect education to students? For this purpose, we should focus on online education. This is possible by the base of Information and Communication Technology (ICT). Under this, one line education, Video Lecturer, PowerPoint Presentation, Television, Mobile Phone, and computer are included. Online education is personal education. In which students get an education at their own time own place. Through this, education can be done anytime, anywhere, at minimum cost. This reduces the distance between teachers and students. At the same time enhances the quality of education. In the current situation, where the lockdown everywhere the planet, the COVID-19 virus has caused havoc everywhere the planet. In such an adverse situation, "Online Education" has come as a life-saving drug within the field of education.

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Key Words: Online Education, Information and Communication Technology (ICT), Own time own place, best learning platform

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### 1.Introduction

Today the whole world is affected by the COVID-19 virus. In such a situation it is not possible to get out of the homes and study in groups. In this situation, there is a problem of study in front of students and challenges in front of teachers. In this adverse situation, how to give indirect education to students? For this purpose, we should focus on online education.

This is possible by the base of Information and Communication Technology (ICT). Under this, one line education, Video Lecturer, PowerPoint Presentation, Television, Mobile Phone, and computer are included. Online education is personal education. In which students get an education at their own time own place. Through this, education can be done anytime, anywhere, at minimum cost. This reduces the distance between teachers and students. At the same time enhances the quality of education.

#### 1.1 Advantages of Online Education

The reason to implement any new technology is making something better, simpler, and faster. The Online Education implementation makes no exception. So, allow us to begin with the advantages of online learning environment.

- **Own time own Place Learning**

With the assistance of online education, the tutorial process becomes more flexible, especially in terms of your time. Everyone can read the texts and watch the videos as repeatedly as they have to know the subject, while fast learners don't need to await the remainder of the group to maneuver further.

Having permanent and free access to all or any of the training materials, students can easily align their studies with other plans and activities. So, it gets simpler to continue education even having a full-time job or an infant demanding much time and a spotlight.

In addition, thereto students are liberal to work on their own pace.

- **No Need of Physical Appearance**

Since learning is often done online, there's no need for attending classrooms. This makes high-quality education available for disabled people also as for those living in remote areas or maybe on other continents. The online learning system also facilitates a non-stop educational process together can continue studies even on vacation, business trips, or lying in bed with a chilly.

- **Minimize the Value**

Another significant benefit provided by online education implementation is that getting a degree even at premium institutions becomes cheaper because there's no need for paying campus fees. Things are even better for foreigners since they are doing not need to spend large sums of cash on moving to a different country.

- **Easy to manage**

Online learning environments help teachers to plan lessons, manage administrative work, track students' performance, activity, and level of engagement also as provide additional materials and support for those that need that. With Online education, it's also easier to research the efficiency of the present curriculum and to update it if needed.

- **Interesting and Valuable**

The online learning environment is friendly to experiments with formats of content and new approaches. It empowers educational roadmap with online tests and quizzes, videos, and podcasts. Mixing different activities allows better students' engagement and adding more gasification to the training process.

## 1.2 Disadvantages of Online Education

Every coin had two sides, where it's benefits, it also has some limitations. It lacks the discipline within the students, there's no control over students by the teachers, Lack of education environment, and during this requires various tools and techniques, very high fees of some courses. There would be a scarcity of teacher-student communication and tradition.

- **Lack of discipline and Environment**

The flexibility of online learning environment can end up being a drag for people with a scarcity of self-discipline or with weak motivation. Without permanent control and strict deadlines, it's hard for them to remain concentrated and study effectively. additionally thereto, online education opens more opportunities to cheat since nobody sees if you're using another device while having a web test or actually doing everything yourself. So, self-discipline and high motivation get crucial.

- **Lack of Practical**

Not all learning activities are often done online: you can't conduct a classy chemical experiment in your bedroom or train dentist skills without special equipment. This makes some courses and degrees either too theoretical for further usage or available only within the normal learning system.

- **Lack of Control**

One more limitation here is delayed answers. Studying within the classroom, you'll ask any question and obtain an instantaneous teacher's answer while online education implies time flexibility for everybody, including teachers.

- **Communication Gap**

Even though online education systems provide tons of tools to facilitate communication — chats, group discussions, live lessons — they can't allow an equivalent level of engagement as face-to-face conversations. This not only discourages warm relations and mutual assistance during a particular group

but also prevents students from developing communicative and conflict-solving skills they're going to need in the real world.

- **Cost Effectiveness**

The implementation of the online learning environment requires time and money investments from the tutorial institution. The online education system has got to be either chosen from the prevailing solutions or developed from scratch, the staff has got to adapt to new ways of the training process organization.

- **Lack of Tools and Techniques**

From the students' perspective, there's also an area for significant investment. within the USA and Europe, we are wont to have personal computers and permanent internet access but there are still tons of nations where people cannot afford a laptop nor have too poor telecommunication services.

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### 3. Government Steps towards Online Education

The government has taken swift action in this area, establishing its own portal SWYAM, e-pg pathshala, MOOC for e-learning platform, and so on, through which a person can study extra topics without difficulty. Similarly, in light of the teacher shortage, the government has posted movies related to the topic that can be used anywhere there is a teacher shortage. This is frequently a commendable government action.

- **National Educational Digital Architecture (NDEAR)**

The Indian government launched the National Digital Educational Architecture (NDEAR) in the Union Budget 2021-22 to develop digital infrastructure and support educational planning efforts. The NDEAR intends to provide a unique education ecosystem architecture for the expansion of digital infrastructure in the country while ensuring stakeholder autonomy, particularly for states and UTs.

- **eVIDYA PM Program**

In May 2020, the government announced the PM eVIDYA program, which aims to make e-learning more accessible to Indian students and teachers while also promoting and strengthening digital education. The program, which is estimated to assist 25 crore school pupils, intends to bring together all activities linked to online/digital education. On the DIKSHA portal, the program will also include creating customized e-content for hearing and visually impaired students, as well as providing radio/podcasts and QR-coded digital textbooks to school kids (Classes 1 to 12). By loosening the legal framework for distance/open/online education, the top 100 universities were allowed to start offering online courses, providing improved learning opportunities to 3.7 million higher education students and enhancing e-learning.

- **DIKSHA**

The government launched DIKSHA (Digital Infrastructure for Knowledge Sharing), a nationwide platform for school education, in September 2017 to provide students, instructors, and parents with curriculum-based engaging learning materials. The portal supports over 18 Indian languages and has been adopted by 35 states and union territories.

- **SWAYAM**

The government developed Study Webs of Active Learning for Young Aspiring Minds (SWAYAM) in 2017 to provide an integrated platform for online courses at low costs to all residents, particularly the country's impoverished.

Massive Open Online Courses (MOOCs) are hosted on the platform to provide students with high-quality education in a variety of areas (from Class 9-12 to Under Graduates and Post Graduates).

- **SWAYAM PRABHA SWAYAM PRABHA SWAYAM PRABHA SWAY**

SWAYAM PRABHA, a network of 34 DTH (Direct-to-Home) channels dedicated to transmitting educational programming 24 hours a day, seven days a week, was launched in 2017. Every day, the channels show new programming for at least four hours, and this is replayed five times enabling students to choose a comfortable time period.

- **ePathshala Portal ([www.epathshala.com](http://www.epathshala.com))**

The government developed the ePathshala portal in 2015 in order to create a resource repository for educational videos, audios, flipbooks, and other materials. The portal's resources are accessible via cellphones, computers, desktops, and tablets and are available in Indian languages such as Hindi, English, and Urdu.

- **NISHTHA**

The National Initiative for School Heads and Teachers' Holistic Advancement (NISHTHA) - Phase II, which tailors modules for online teaching, was implemented at the secondary level in FY21. According to the Union Budget 2021-22, the NISHTHA training program will train 5.6 million teachers in

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FY22.

• **OLabs**

The government launched OLabs in November 2014 to provide students with lab learning experiences via the internet for individuals who do not have access to real labs.

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#### 4. Conclusion

1. The coin, as we all know, has two sides. The same may be said for the online learning environment. As a result, it is frequently stated as a summary that online education is frequently regarded as a supplement to traditional education but not as a core education. It's useful for people who don't have a lot of time yet want to learn more. According to UNESCO, India will join eight other nations in a drive to accelerate digital learning and benefit from the global digital education effort, including Brazil, China, Bangladesh, Egypt, Mexico, Pakistan, Nigeria, and Indonesia. Together, the countries are likely to push for a move away from traditional education and greater opportunities in the digital education industry around the world.
2. The e-learning sector is receiving a huge boost as Indian institutes move their operations and learning procedures online, which is likely to further develop advanced learning procedures in EdTech. Furthermore, digitalization in the education sector has enabled children in rural areas of the country to receive a high-quality education through interactive digital media, overcoming the problem of teacher shortages. It is also assisting instructors in rural locations in leveraging technology to update their skills and expedite the country's embrace of digital learning and teaching methods.

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