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## Online Education

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### Abstract:

Information Technology has influenced every aspect of human life. Technology has introduced electronic system in every sector as-E-commerce, E-Government and also E-education etc. So, Education sector is also being affected. Teaching and Learning pattern are changing. Transformation in Delivery Models has been rapidly introduced. New methods are now opted for education which is productive. This new approach in education is known as Futuristic Education. Through this approach, students are able to learn at the global level. Internet and World Wide Web have made possible virtual learning which can reach to large masses and at remote locations with fast speed. E-education facility has been started at first in England in the mid-nineteenth century and through which introduced online discussion boards, chat rooms, and video conferencing. Diversified Education at global level has become possible. People can learn any course in any language and get degrees and improve their skills.

Present research paper is conceptual one and aims at to highlight on Virtual Education, its pros and cons and challenges.

**Keywords:** E-education, Virtual or Online, Futuristic

### Introduction:

Online Education is process of gaining and improving knowledge as well as skill through electronic device like mobiles, computers, laptops, tabs etc. using internet. Due to lockdown students were not able to attend the traditional classroom that falls a negative impact on their studies as well as their career. So, Educational Government of India decided to start online classes for the students. So that their studies can be continued. The benefits of virtual education have made it easy to students

to get qualitative and more knowledgeable education. Global or Integrated education has made it possible to offer lectures through internet connection.

### **Objectives of present study are –**

- a) To know about online or virtual education as a new mode of learning.
- b) To know challenges in online learning.

### **Methodology:**

Research Methodology for present study includes use of secondary data including journals and websites, articles for completion of work.

The concept of online education has only used in the year 1999 at first time at a Computer Based Training Seminar. Digitalization has brought drastic change over the world. Education is also being influenced by this digitalisation. Global Internet users are increased from 5.6 % to 56.8 %. ICTs tools such as You Tube, Audios, audio and videotapes, satellite broadcasts and television are mostly used. In developing countries, Virtual Learning has got great response and also offers potentiality to fill gaps in education access and quality, including a lack of teachers, textbooks and classrooms. In India, Online Teaching has become more popular during Covid-19 pandemic and proved its importance as a key player in the education system. Online teaching took place easily and students and teachers didn't need to present together at a particular place.

### **History of Online Education:**

Online education is here and is highly likely to stay and grow. The review of its history clearly shows online education has developed rapidly, fuelled by Internet connectivity, advanced technology, and a massive market. It has evolved from 19th century correspondence programs to the 21st century's vibrant and well-designed institutional online offerings. We can well anticipate that online education will continue to increase its presence and influence higher education through a vigorous process of reshaping, refining, and restructuring. It is unlikely, however, to replace traditional higher education but merely to be an alternative. But, owing to its flexibility, accessibility and affordability, online education is gaining in popularity, especially for people who are otherwise unable to obtain education because of physical distance, schedule conflicts, and unaffordable costs. Throughout this study, the primary focus was to discuss how theories, practices and assessments apply to the online learning environment. It started with a basic overview of online education as studied and perceived by Garrison et al. (2000), which served as the theoretical framework for this study. We then examined how presented theories have applied to various aspects of online course design and development. We first examined the online environment over time, its evolution, and the technologic impacts on online education. In online teaching, we focused our attention on the relationships between cognitive and teaching presences to determine the best and

most desirable practices and strategies for online pedagogy. Within the realm of online learning, we directed our attention on the creation of an online learning community by means of promoting social presence, interactions, and collaboration between the instructor and students and among students.

### **Importance of Online Education:**

Online teaching was beneficial in a number of ways –

- It enables the students for saving time and utilizing it for other activities to enrich their personality.
- Parents can take care of their children and engage themselves in the education of their children.
- Online teaching facilitates recording of lectures which students can watch or re-learn from it.
- Online teaching, which was promoted by the government, gives the opportunity to all students of the country to get education from one of the best teachers selected by the education department.

In short, advantages of Online Learning can be summarized as:

- Flexible to use
- User-friendly
- Comfortable atmosphere
- Online tutoring specialists
- Less time investment
- Learning as per user's speed and understanding
- Assist for skill development
- Accessibility through many resources
- Inculcate discipline
- Affordable
- safe and secure
- Reusable, Long-lasting

According to a report of UNESCO, the educational inequalities increased during Covid 19 pandemic. Lack of resources for the children of marginal sections of society is major reason for this disparity. Online teaching needs electronic gadgets like smart-phones or Computer or Tablets or Laptop and also internet availability with high-speed connectivity

### **Disadvantages of Online Learning are as follows:**

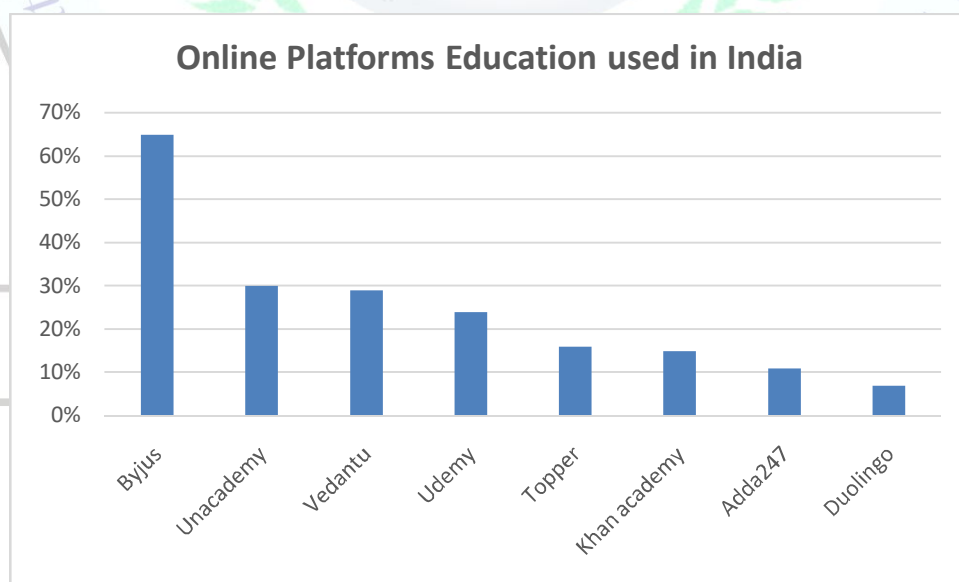
- Impossible Without Technology
- Great Discipline
- Students can lose Interest

- Students cannot concentrate
- Health and Mental impact due to continues screen watching
- Social relations are impacted

**Online Platforms Education used in India are:**

In India, Ministry of Human Resource Development with UGC has released ICT platforms for E-Education. SWYAM, NPTEL, E-PG Pathshala, SWAYAMPRAKASH, CEG-YOU-TUBE Channel, National Digital Library, Vidwan, Shodhganga etc. Other most famous platforms preferred by students in India are as follows-

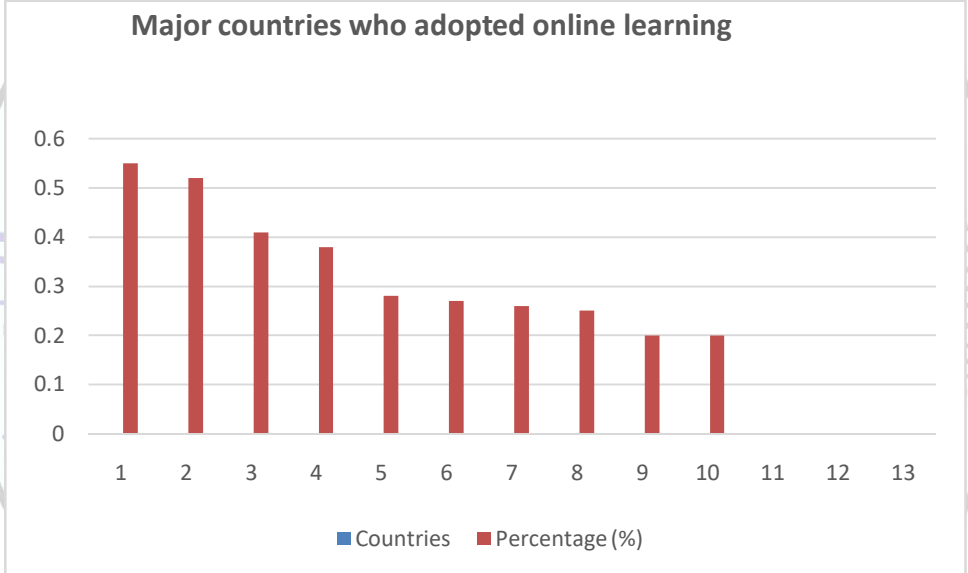
Platforms Names	Percentage
Byjus	65%
Unacademy	30%
Vedantu	29%
Udemy	24%
Topper	16%
Khan academy	15%
Adda247	11%
Duolingo	7%



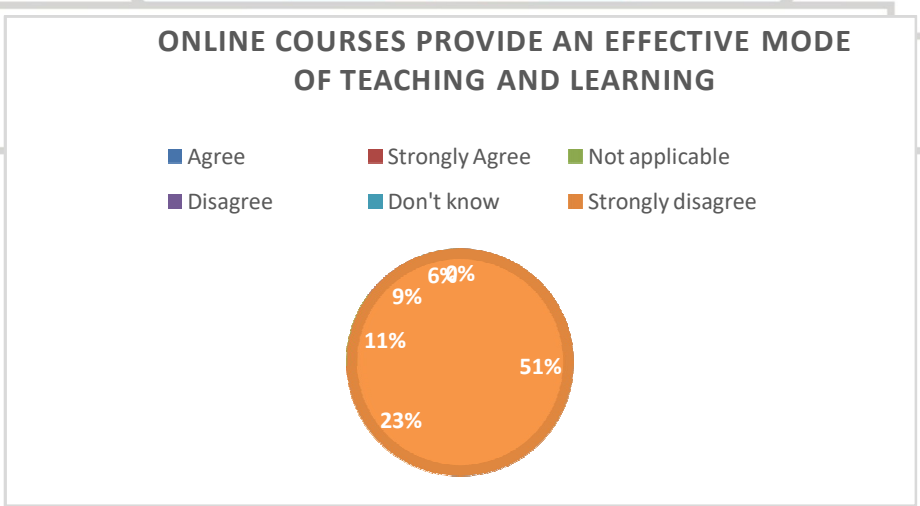
**Major countries who adopted online learning**

Top countries in which E-learning has already become an important sector are-US, India, China, South Korea.

Countries	Percentage (%)
India	55%
China	52%
Malaysia	41%
Romania	38%
Poland	28%
Czech Republic	27%
Brazil	26%
Indonesia	25%
Colombia	20%
Ukraine	20%



India is major user now days of E-education platform. Most of developing countries are now leaning users of Digital platform.



**SWOC Analysis of Online Education:**

Strength	Opportunities
Anywhere, Any-time and Any Place Creative Teaching Access to resource High Quality Dialog	Mobile learning Investor's Interest Blended model New courses
Weakness	Challenges
Administration Faculty Advanced Curriculum Online Environment Technology	Limited social interaction Language of the course Questionable creditability Motivation of degrees Insufficient Digital Infrastructure

### Conclusion:

Online Education encourages student-centred learning, and they are easily manageable. Online environment offers a new way of learning for educators with dynamic courses and through which highest quality development is possible. Faculties are required to still train to use this advanced technology. Because future is online education based and this online environment is a need of hour.

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