



## IMPACT OF ONLINE EDUCATION

<sup>1</sup>Amit Kasar, <sup>2</sup>Pranav Gove, <sup>3</sup>Aditya Kapare, <sup>4</sup>Vishal Gaikwad, <sup>5</sup>Diksha Kalambe, <sup>6</sup>Bhavesh Jadhav.

<sup>1</sup>Assistant Professor, <sup>23456</sup>Student

<sup>12345</sup>Engineering Sciences Department,

<sup>123456</sup>Name International Institute of Information Technology, Hinjewadi, Pune, Maharashtra, India

**Abstract :** Due to corona pandemic situation schools, colleges & universities were closed & online education is started. Not only education is online but all students from children to graduation are acquiring knowledge online from home today. Today's young generation is making proper use of technology and using it properly in the field of education. Today's students are learning online with the help of online applications like Zoom meeting, Google meeting with the help of mobile, computer, laptop. Children sitting at home are learning through mobile phones and internet. On the one hand, students are completing their studies sitting at home and moving forward through online medium even when the Supreme Court is at a standstill. Therefore, taking online education is definitely suitable for students. Some even consider online education as a boon. But this online education also has some disadvantages so the online education system is becoming a curse. How is online education cursed? With our progress in education field we got online mode of education along with offline so it become important for us to evaluate both options. This research paper analyze impact of online education through students, teachers and parents perspective using survey done with help of questions use to choose between online and offline education on both personal and management level.

**IndexTerms - Component, formatting, style, styling, insert.**

### I. INTRODUCTION

II. The adoption of online education has expanded educational access to field which were previously accessible. Internet has given lot of given platforms and unprecedented access of the information. it allows individual from diverse background to acquire knowledge at their own place.

III.  
IV. This research paper aims to explore and evaluate the impact of online education in various perspective based on analysis of data is obtain from questionnaires. by collected data this paper seems to explore pros and cons of online education. Ultimately this research paper aim to contribute impact of online education, by studying and analyzing the data obtain from survey of students, teachers and parents. The finding and insights gained from this study will provided a foundation for policy makers and other researchers to make right decision and harness online education at its fullest potential.

### Advantages of Online education

1. As, we know that in online education system, a student can study at home with the help of mobile, computer, laptop etc. without actually going to school or college. Also, some children walk to school, some children use bicycles or other vehicles. But since education is now available at home, it saves students time as well as energy, which is a significant advantage of online education.
2. Another most important advantage of online education is that we can record a lecture while taking online education or while it is in progress. So that while studying again or if there is any problem or we don't understand a point, we can watch the recording again and again and understand it properly.
3. Not only this, it also saves time and money for students who live far away from school and college.
4. Another most important advantage of online education is that through online we can get education not only in the country but also abroad through any institution or any college lecture with the help of online app and can attend the lecture.
5. If you don't understand a point lesson or poem in your syllabus, you can re-explain it through google chat, youtube or video.
6. With the introduction of online education system, it was not possible for all the students to sit in one class, so the transmission of diseases like Corona could be avoided. The fear of corona infection that was felt in offline media will not be felt in the online classroom. In online education system we can follow social

distancing properly.

7. One of the most important advantages of online education is that students develop the habit of self-study. If the students do not understand a point, they are understanding it with the help of the teacher or with the help of Google.
8. Online education has created more passion for education in the minds of students. Today's young generation is very fond of handling mobiles. It makes it possible to play games, chat or use other apps along with online education.
9. Online education has made it possible for children to handle mobiles, computers, laptops and students have learned to use these digital devices properly in less time.
10. With the introduction of online education system, students' children have to wake up early in the morning to make tiffin, prepare the children for school and drop them to school.

Disadvantages of Online Education:

1. The biggest disadvantage of online education is that the medium of computer, laptop, mobile and internet is required to get online education but not every student in our country is financially strong. Therefore, it is not easy for all students to study through online education.
2. Most of us students don't take online learning seriously, even while the lecture is going on, some students keep getting up from the lecture to chat with others or play games etc. So students can get as much appropriate knowledge as they want through this.
3. One of the most important disadvantages of online education is that it is not possible to give the same attention that teachers give to students in the classroom through online education. So it is very difficult for teachers to notice whether every student is taking the lecture seriously or not.
4. One of the biggest problems in online education is network problems. Network problems can occur at any time. Not only this, online education is interrupted if the recharge runs out or the net pack runs out.
5. Also, the disadvantage of online education is that students have to face diseases like eye problems and back pain due to the screen time of mobile, computer and laptop.
6. Students are not able to talk to their friends due to studying at home. So today's students are left behind in communication.
7. Online education has made children accustomed to using devices like mobiles at an early age. So it is difficult to say that every student uses the mobile phone properly.
8. Online education is becoming a curse due to all these reasons.

### Methodology:

For this study, three questionnaires were made for students, teachers and parents. This questionnaires contain both optional and open ended questions. Survey was done using google forms. The forms was made available from 17<sup>th</sup> June 2023. students and teachers of SPPU University were approached to fill the forms and parents of those students. Total **113** students **48** teachers and **66** parents responded to survey.

#### 1. STUDENT PERSPECTIVE:

##### a) UNDERSTANDING OF CONCEPT:

In online education lecture are of recorded format, student can pause them rewind them and can rewatch. Also the speed adjustment helps student to understand concepts. If lecture are live format here it is pretty much live offline classes

##### b) TIME SAVING AND TIME MANAGEMENT:

Online education can save time as it reduce time for travelling to classes. Time management is also easy if lectures are of recorded format and not live format as student can choose any time to watch lectures

##### c) DISTRACTIONS:

In online education as there are less restriction, scope to distraction is more. Device use for education usually contain social media and games which is large case of distractions in online education. It should be also consider that distraction because of other students are less here.

## d) MOTIVATION TO ATTEND LECTURES:

Online lectures are watched solely unlike with student in offline education.it is harder to do something solely than group of people.so ,motivation to attend lecture is less in online education.

## e) OVERALL HEALTH:

Constant looking at screen put strain on eyes and may affect on health of eyes. Sitting long hours for lecture causes back and neck pain.it has been observed that it also adverse effect on social and mental health, if not taken care of.

## 2. TEACHERS PERSPECTIVE:

## 1. PROVIDING STUDY MATERIAL:

In online education teacher don't need to write notes on board. They can simply forward to student there is large amount of data available on internet free of cost for students.

## 2. GETTING STUDENT ATTENTION:

As student share physical classroom with teachers, student are found to be less attentive. Some students join lectures but do not pay attention to teaching at all.

## 3. CONDUCTING ONLINE TESTS AND EXAM:

During online tests, students are found cheating with the help of google or by other methods. Because of this they don't take test seriously and adverse effect on academics. Also result of online tests are not considered that reliable.

## 4. EQUIPMENT AND SKILL TO RECORD LECTURES:

For producing good quality lectures, teachers need to have good camera quality and microphone .And also they need editing skill and editing assistance

## 5. PROFESSIONAL AND PERSONAL LIFE BALANCE

If someone recording lectures at home, there is no distinct line between personal and professional life and needs efforts to keep it separate. The personal and professional life and needs efforts to keep it separate .they have to take care of professional life don't affect personal life and vice versa.

## 3.PARENTS PERSPECTIVE:

## 1. AFFORDABILITY:

Online education are available in large price ranges. Good quality lectures are available in low prices also.as student learn from home expense of hostel, mess and travelling are not there so, online lecture are more affordable.

2. CHILD PROGRESS:There are concern about progress through online education.it is found to have less in online education than in offline.

## 3. PROVIDING DEVICE AND ENVIRONMENT:

## DATA ANALYSIS:

## A. STUDENT DATA:

QUESTION	AGREE(%)	DISAGREE(%)	NEUTRAL
<b>For you,it is easy to understand concept in online education.</b>	49.60%	31%	19.5%
<b>Online education give less access to practical knowledge.</b>	81.40%	10.6%	8%

Is online education time saving methodology.	78.80%	10.60%	10.60%
Has perceiving hobbies become easy due to online education.	55.70%	34.50%	9.70%
Do you agree that online education increases mobile addiction.	86.70%	9.70%	3.50

TABLE:1

**49.60%** students agree to that it is easy to understand concept in online education while **31%** disagree. **81.40%** of them think online education give less access to practical knowledge and **10.60%** disagree with this. For **78.80%** student's online education is time saving methodology. **55.70%** students think perceiving hobbies become easy due to online education. **86.70%** agree that online education increases mobile addiction.

QUESTIONS	YES(%)	NO(%)
Do you have stable internet connection?	56.60%	53.40%
Are your doubts are completely solved in online classes?	19.50%	80.50%
Do you have frequently one on one interaction with teachers?	20.40%	79.60%
Are there more distractions face during online education?	85.80	14.50%
Does online education disturb your social life?	67.30%	32.70%
Do you fill more confident during online teaching?	40.70%	59.30%

TABLE:2

**55.60%** students consider their internet to be stable. **80.50%** students doubt are not completely solved during online interactions with teachers. And **19.50%** students doubt are Solved completely. **79.60%** students don't have one on one interaction with teachers frequently. **63.70%** thinks online class disturb their social life while **32.70%** do not. **59.30%** of students do not feel confident during online teaching.

TEACHER'S DATA:

QUESTION	EASY	DIFFICULT	NEUTRAL
Was it easy or difficult to provide note and resource to students?	74.40%	5.80%	17%
Was it easy to get response from students?	32%	57.40%	10.60%
Was it easy or difficult to get student attention during online classes?	27.70%	66%	6.40%
Was it easy or difficult to conduct online exams in online education?	61.70%	29.80%	8.50%
Was it easy or difficult to maintain personal life balance while teaching from home?	34%	46.80%	19.10%
Was it easy to solve students doubts in online mode?	68.10%	17%	14.90%

TABLE:3

**74.40%** teacher's think it was easy for them to provide note and resources to students during online education. **57.40%** of them found to be difficult to get student response and **66%** teachers found to get student attention. For **61.70%** teachers it was easy to conduct online Exams. **46.80%** of teachers think that it was difficult to maintain personal life balanced while teaching from home. **68.10%** teachers found it was easy to solve doubts of students during online interactions.

## PARENT'S DATA

QUESTIONS	YES(%)	NO(%)
Is online education affordable?	71.20%	28.80%
Are you able to provide stable internet connection for online education?	66.70%	33.30%
Does your child have separate study room?	71.20%	28.80%
Do you think that access to devices and internet make you child addictive to electronics devices?	86.40%	13.60%
Do you feel stable internet communication between student and teachers?	69.70%	30.30%
Did your child follows discipline during online classes?	50%	50%
Are you satisfied with your child's progress through online education?	28.80%	71.20%

TABLE:4

**71.20%** parents think online education is affordable while **28.80%** of them disagree. **66.70%** parents are able to provide stable internet connections to students. **86.40%** parents agree that access to internet and electronics devices make their child addictive to electronics devices. **69.70%** of them feel communication was smooth between students-student or students-teachers, while **30.30%** not so. **50%** parents their students are disciplined during online classes and **50%** not. **71.20%** parents are not satisfied with their child's progress in online educations.

## CONCLUSION:

Online education have pros and cons. Pros like time saving, flexibility of time affordability attracts students, teachers and parents. while cons like technical and connectivity issues, overall health, online education makes less practical. Considering all of these things some students, teachers and parents prefer online education.

## References:

[1] Amit B. Kasar, Madhuri Reddy, Rakhi Wagh, Yogiraj Deshmukh, 2021, PAIDUMA JOURNAL, "Current Situation of Education field due to Corona Virus Disease 19" Vol. 14, Issue 2, pp. 44-51

## CONCLUSION:

Online education have pros and cons. Pros like time saving, flexibility of time affordability attracts students, teachers and parents. while cons like technical and connectivity issues, overall health, online education makes less practical. Considering all of these things some students, teachers and parents prefer online education.