

PROBLEM FACED TOWARDS ONLINE EDUCATION IN DESIGN THINKING WITH REFERENCE TO COIMBATORE CITY

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ABSTRACT:-

This study list out the problems faced by Teachers and students while attending online classes. Education is one of the industries drastically affected by the COVID19 pandemic, wherein a lot of challenges have been encountered. Challenges and problems are always present especially when it comes to today's situation.

Keywords: - COVID 19, Online learning, Challenges, Problems, Teachers and Students.

INTRODUCTION: -

Covid-19 Pandemic is basically a health crisis. However, its impact has spilled over into every walk of life. As a result, routine life of people was thrown out of gear. Millions of people were banned to step out of their homes. The businesses were

forced to shut down their activities which consequently jammed every transport mode. Schools, colleges and universities were closed down and education took bashing. The government of India announced complete lockdown on 24 March 2020 which lasted for 68 days. It was announced during the period when board examinations, admissions, entrance tests of various universities and competitive examinations were to be held. After the initial shock and hitch, the academic institutes were forced to move online to ensure continuity in academic activities. Covid-19 Pandemic, in a single stroke, has replaced the conventional chalk-talk classroom teaching method with one driven by technology which is very popularly known as online classes.

OBJECTIVES:-

- To identify the issues and challenges in online education
- To understand need for online education

STATEMENT OF PROBLEM:-

Not all students and teachers have gadgets to enable them to learn and teach online respectively. Some are sharing Laptops, while

other students lag for totally missing these gadgets. Such is giving professors a hard time keeping all students at the same pace.

RESEARCH METHODOLOGY:-

Survey method of research was used in the conduct of this study. The online Problems Being Faced by Students and Teachers 25 sample survey was based on 10 percent of the total sample. A sample of 25 respondents was selected randomly from saravanampatty, Coimbatore.

REVIEW OF LITERATURE:-

- ❖ **John Hopkins University:-** In December 2019, an outbreak of a novel coronavirus, known as COVID-19, This pandemic has created a massive disruption of the educational systems, affecting over 1.5 billion students. It has forced the government to cancel national examinations and the schools to temporarily close, cease face-to-face instruction, and strictly observe physical distancing. These events have sparked the digital transformation of higher education and challenged its ability to respond promptly and effectively. Schools adopted relevant technologies, prepared learning and staff resources, set systems and infrastructure, established new teaching protocols, and adjusted their curricula.
- ❖ **Usher & Barak, 2020; Huang, 2019:-** Inevitably, schools and other learning spaces were forced to migrate to full online learning as the world continues the battle to control the vicious spread of the virus. Online learning refers to a learning environment that uses the Internet and other technological devices and tools for synchronous and asynchronous instructional delivery and management of academic programs.

TOOLS FOR STUDY:-

The showing statistical tools were applied to analyse the data collected through questionnaire:-

- ✓ Percentage Analysis
- ✓ Chi-Square Analysis

ANALYSIS AND INTERPRETATION: -

While technology has been growing at a rapid rate for quite a few years now, the real importance was discovered when the whole 'from home' culture came into existence. The 'study online' part of education life was unexpected but slowly everybody did adapt to it.

PERCENTAGE ANALYSIS:

CHALLENGES FACED BY TEACHERS

CHALLENGES FACED BY TEACHERS	NO OF RESPONDENTS	PERCENTAGE
Student engagement	4	16
Course content	7	28
Learning management system	4	16
Fear of cheating	10	40
TOTAL	25	100

INTERPRETATION:-

The above table indicates 40% of respondent said that fear of cheating is the online learning challenge faced by teachers.

CHI-SQUARE ANALYSIS: -

	Observed N	Expected N	Residual
Fear of cheating	2	1.3	.7
7	1	1.3	-.3
10	1	1.3	-.3
Total	4		

Test Statistics:-

	Age of the respondent
Chi-square	.500 ^a
df	2
Asymp. Sig	.779

a. 3 cells(100%) have expected frequencies less than 5. The minimum expected cell frequency is 1.3.

FINDINGS:

Overall findings indicate that the extent of challenges and strategies varied from one student to another and one staff to another staff. Students' responses suggest that their online learning challenges and strategies were mediated by the resources available to them, their interaction with their

teachers and peers, and the school's existing policies and guidelines for online learning. In the context of the pandemic, the imposed lockdowns and student's socioeconomic condition aggravated the challenges that students experience.

SUGGESTIONS:

- Vulnerable families should be supported so that they have the means to acquire equipment and skills to be able to support their children learn online.
- As the situation evolves, a more purposeful approach is definitely required, by including representatives from multiple areas in evaluating and sharing their

experiences about what worked well and what didn't. It should consider the problems and solutions faced by students, parents and teachers.

- Achieve compromise, because only together and with joint forces we can get the best results out of this whole situation.

CONCLUSION:

Due to Covid-19 outbreak, Online Teaching and Learning got established to a great extent all over the world. But, due to sudden implementation and due to continuous adaptation of online classes without face to face

classes, the online classes are losing its attraction and reverting back in the same speed as it got established. Too much of anything is toxic this become reality for online classes also. Online technology education

should take advantage of the perceived need to facilitate a wide variety of learner needs and capabilities. The corona

virus infection 2019 (COVID-19) pandemic is profoundly affecting emotional wellness.

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