

Effectiveness of Online Teaching in Higher Education during Covid19 Pandemic in Mysore

Dr. Amulya. M

Assistant Professor, BIMS, University of Mysore, Mysore, Karnataka, India

ABSTRACT

As Covid19 entered the world in the beginning of 2020, India also witnessed rising number of cases as of huge population next to china. As a safety measure against Covid-19 pandemic, as per the government order, university announced holidays for the students from 16 march 2020. Colleges were shut from long time, didn't even conduct the examination for the first and second year of UG course and first year of PG course. Only final year students appeared for the exams with so much of worry and fear. though Covid 19 started spreading rapidly educationist did not stop teaching . Teachers explored new way of teaching by learning new technology and continue to engage students during pandemic. The universities are meant for traditional teaching ,adopted to online teaching as per the guidelines of UGC. An attempt is made to study to measure the effectiveness of online teaching to university students in Mysore district. around 550 students are surveyed through Google forms and responses are analysed and presented in this paper.

KEYWORDS: Covid19, Pandemic, mask, social distancing, students, university

INTRODUCTION

The traditional teaching methods was within in the classroom where teachers and students can physical present and concentrate on what teacher says without any distraction. teachers are used to chalk and board method and after the advancement of technology most of the classes were smart rooms. due to covid19, all the schools were shut from march, all over India. With a sudden shut down of the schools and colleges there was a drastic change in the way of teaching. After a month of shut down, the online classes were started in a slow pace, enabling teachers and students to experience teaching learning from the comfort of their home through their mobiles and laptops. Because of internet, everyone are connected to each other through many apps. With this sudden shift away from the classroom in many parts of the globe, some are wondering whether the adoption of online learning will continue to persist post-

pandemic, and how such a shift would impact the worldwide education market.

Objectives of the study:

1. To analyse the video conference apps used in the online teaching during lockdown.
2. To analyze the effectiveness of online teaching during lockdown

Research Methodology:

The research is descriptive in nature. The convenient and judge mental sampling method is used. The sample of 550 students who are studying in UG and PG are considered for the study. The responses to the questionnaire are analysed using appropriate statistical methods.

How to cite this paper: Dr. Amulya. M "Effectiveness of Online Teaching in Higher Education during Covid19 Pandemic in Mysore"

Published in International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, Volume-5 | Issue-2, February 2021, pp.1-4, URL: www.ijtsrd.com/papers/ijtsrd38336.pdf



IJTSRD38336

Copyright © 2021 by author(s) and International Journal of Trend in Scientific Research and Development Journal. This is an Open Access article distributed under the terms of the Creative Commons Attribution License (CC BY 4.0) (<http://creativecommons.org/licenses/by/4.0>)



Analysis and Interpretation:

Table 1- Demography of students

Particular	Sub-Category	Frequency	Percentage
Gender	Male	226	41.1
	Female	324	58.9
	Total	550	100.0
Studying	UG	167	30.4
	PG	383	69.6
	Total	550	100.0
Staying in hostel	Yes	151	27.5
	NO	399	72.5
	Total	550	100.0

Father occupation	Govt job	82	14.9
	Private job	64	11.6
	Business	96	17.5
	Agriculture	180	32.7
	Daily wage employee	102	18.5
	Job loss due to lockdown	26	4.7
	Total	550	100.0
Mother Occupation	Govt job	28	5.1
	Private job	17	3.1
	Business	6	1.1
	Agriculture	30	5.5
	Daily wage employee	33	6.0
	Job loss due to lockdown	7	1.3
	House wife	429	78.0
Total	550	100.0	
Monthly Income of the family	upto Rs20000	311	56.5
	Rs.20001-30000	79	14.4
	30001-40000	45	8.2
	40001-50000	19	3.5
	50000 plus	96	17.5
	Total	550	100.0

Out of 550 responses collected for the study reveals that, 41% are male and 59% are female. 69.6% are PG students, 30.4% are UG students. 27.5% staying in hostel during their studies. 33 parents which accounts for 6% have lost their job due Pandemic, which is alarming fact. majority of the student surveyed belongs to income level Rs.20000 per month and 17.5% belongs to the income above Rs.50000 and more. so the survey involves both low income parents and high income parents.

Crosstab									
			Apps used for online classes					Total	P value
			zoom	Team link	Skype	MS team	Google Meet		
Class studying	PG	N	162	48	6	23	144	383	0.17
		%	29.5%	8.7%	1.1%	4.2%	26.2%	69.6%	
	UG	N	84	8	3	17	55	167	
		%	15.3%	1.5%	.5%	3.1%	10.0%	30.4%	
Total	N	246	56	9	40	199	550		
	%	44.7%	10.2%	1.6%	7.3%	36.2%	100.0%		

From the above table it is found that, zoom is the most used app for online teaching in both UG and PG courses. though Government of India had sent a circular to uninstall zoom and not to use it for online teaching, majority of the students are using zoom app for the classes followed by google meet and teamlink. very few students are using Microsoft team and skype for online classes

Crosstab									
			online classes are good at this covid-19 period					Total	P value
			SD	D	N	A	SA		
Class studying	PG	N	63	91	100	77	52	383	0.254
		%	16.4%	23.8%	26.1%	20.1%	13.6%	69.6%	
	UG	N	35	34	44	40	14	167	
		%	21.0%	20.4%	26.3%	24.0%	8.4%	30.4%	
Total	N	98	125	144	117	66	550		
	%	17.8%	22.7%	26.2%	21.3%	12.0%	100.0%		

out of 550 students surveyed, 69.6%are studying at PG level and 30.4% are studying UG classes. out of them, 33.7% of PG students and 32.4% of UG students are of the opinion that online classes are good during covid19 . Majority of them disagree. significant number of students are neutral in this regards indicates that students prefer to be campus than at home and attending online classes

Crosstab									
		I Have faced network problem to attend online classes					Total	P value	
		SD	D	N	A	SA			
Class studying	PG	N	15	33	71	127	137	0.138	
		%	3.9%	8.6%	18.5%	33.2%	35.8%		69.6%
	UG	N	7	19	27	70	44		167
		%	4.2%	11.4%	16.2%	41.9%	26.3%		30.4%
Total		N	22	52	98	197	181	550	
		%	4.0%	9.5%	17.8%	35.8%	32.9%	100.0%	

from the above table ,it is significant that students are facing network problem for the online classes. there is no other way to connect to the students than online. but network problem is not the control of students or teachers. so many are facing network problem. 79% of PG students 68.2% of UG students are facing network problem, it means online teaching is not reaching them effectively.

Crosstab									
		Students Misuse Online classes during lockdown					Total	P value	
		SD	D	N	A	SA			
Class studying	PG	N	24	77	141	82	59	0.177	
		%	6.3%	20.1%	36.8%	21.4%	15.4%		69.6%
	UG	N	10	37	50	50	20		167
		%	6.0%	22.2%	29.9%	29.9%	12.0%		30.4%
Total		N	34	114	191	132	79	550	
		%	6.2%	20.7%	34.7%	24.0%	14.4%	100.0%	

controlling and monitoring the attendance is a big challenge for the teachers in online teaching than regular classroom teaching. video and audio of all the students creates disturbance, if it is off leads to misuse of classes by students. 36.8% PG students and 41% UG students accept that students misuse the online classes. majority of them 34.7% of overall students are neutral on this .

Crosstab									
		I can concentrate on the subject well in online classes during lockdown					Total	P value	
		SD	D	N	A	SA			
Class studying	PG	N	95	104	97	62	25	0.574	
		%	24.8%	27.2%	25.3%	16.2%	6.5%		69.6%
	UG	N	34	55	38	27	13		167
		%	20.4%	32.9%	22.8%	16.2%	7.8%		30.4%
Total		N	129	159	135	89	38	550	
		%	23.5%	28.9%	24.5%	16.2%	6.9%	100.0%	

majority of the students which accounts for 52.5% are of the opinion that, they cannot concentrate on the subject well in online classes. Pandemic has changed the way of teaching and it is new class and new way of attending the class . usually any change needs time to adopt so students are not adjusted to the online classes and finding it difficult to concentrate on the subject .

Crosstab									
		Complete Syllabus is covered in the online classes during lockdown					Total	P value	
		SD	D	N	A	SA			
Class studying	PG	N	105	93	83	76	26	0.544	
		%	27.4%	24.3%	21.7%	19.8%	6.8%		69.6%
	UG	N	41	47	43	27	9		167
		%	24.6%	28.1%	25.7%	16.2%	5.4%		30.4%
Total		N	146	140	126	103	35	550	
		%	26.5%	25.5%	22.9%	18.7%	6.4%	100.0%	

In both UG and PG courses, students are of the opinion that, the Complete syllabus is not covered by online classes 51.7% of PG students and 52.7% of UG students are of the opinion that syllabus is not covered yet. The significant number of students are neutral it means they are not attending or not aware of the syllabus of their course to respond.

Conclusion and suggestions:

Any change takes time to get in and to adopt. From the study, it is found that the sudden change in the way of teaching is become difficult for the students to accept the fact of not going to the campus in near future and it is clear that online teaching is not accepted by the majority of the students and overall it is not effective as it is new to both teachers and to the students. but as it is new norm, it may continue for several months till covid19 vaccines are available to public at the reasonable price. Covid 19 pandemic has opened a new vista of online, students and teachers find it very safer way for teaching and learning. online classes have started for schools and colleges now, but many students feel that it is not so effective in comparision with the classroom teaching. though it will continue and making students to concentrate on the class is the big responsibility for both parents and teachers.

References:

- [1] https://earthwatch.org/stories/teaching-pandemic-how-educators-are-handling-sudden-shift-distance-learning?gclid=CjwKCAiAxKv_BRBdEiwAyd40N2kf0FWprKSxz-xL8SnpGb0P71yB88iVYaR3lK-WHlsov_566nrRoC4M4QAvD_BwE
- [2] <https://www.weforum.org/agenda/2020/04/corona-virus-education-global-covid19-online-digital-learning/>
- [3] <https://www.tandfonline.com/doi/full/10.1080/02619768.2020.1809650>
- [4] <https://www.tandfonline.com/doi/full/10.1080/02619768.2020.1809650>
- [5] <https://www.thequint.com/voices/opinion/online-teaching-amid-covid-19-brings-out-digital-divide-in-society>

