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**A STUDY ON PERCEPTION OF COMMERCE STUDENTS TOWARDS MODES OF LEARNING  
(PRE AND POST PANDEMIC)**

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**ABSTRACT**

*According to Thomas Groome “One mark of a great educator is the ability to lead students out to new places where even the educators have never been.”*

*This is what the situation faced by all most all the teachers, educators at the time of pandemic. Pandemic occurred and brought havoc in all over the world. It leads to collapse of the economic, political, and educational structure. Lockdown announced by government and the whole system stopped. In this period of time it became essential to bring continuity in daily life. Every teacher and learner has followed the change and tried to make the process as smooth as traditional learning even the pattern of examination also changed during this period. Internal assessment of learner is the main objective of the teaching and it became possible through the adopting the change. Thanks to Government and Education institutes who make continuation in education process. Then the online work from home concept adopted by Teachers and learners both have gone through the change in mode of teaching and learning.*

*Different online platforms like Microsoft team, Zoom, Google meet etc. are used for conducting official meetings, teaching and learning process. This paper throws the light on what is the difference between the traditional mode of learning and the online mode learning. The pros and cons of both the methods as well as demand of students for Hybrid or combined mode of learning have been discussed in this paper. Survey method by sharing Google form questionnaire through online mode, such as email and what's app is preferred for this study.*

*Keywords: Traditional Mode of learning, On-line mode of learning, Hybrid mode of learning.*

**INTRODUCTION**

The year ending days of 2019 introduced COVID and after that the whole world revolved around it like an orbit. The impact of virus was troublemaking to human lives as well as all the other sectors have been affected adversely. What we suffered and what we are going too cannot be predictable. Shut down announced by country COVID -19 has changed education forever. It led to shut down of physical classroom. Sudden shifting from traditional learning to online learning creates lots of doubts and questions in minds of parents, teachers and students. This online education might be there after pandemic or not depends up on the situation.

**Traditional Learning**

We also called it classroom learning where teachers moderate the flow of information and knowledge. It is face to face, with daily attendance, fixed schedules, fixed classroom timings etc. Students are with their peer groups a sort of interaction takes place every day. It allows them to form human connections outside of the classroom and curriculum. It is sort of development of socialization. They build a kind of support system outside the home. They learn to maintain discipline even set up of college infrastructure, labs, library, grounds, auditorium etc. also plays an important role in their growth and development.

**ONLINE LEARNING-**

Online learning is taken place via online classes. No need to travelling, infrastructure is limited up to gazettes with internet connection only. No peer group, No direct interaction. Flexible schedule as compared to traditional classroom learning and students can access unlimited number of educational resources. Videos, audios, white boards, animations, and virtual conference rooms can be accessed by students and teachers.

Blended Learning is the combination of both the modes of learning.

**REVIEW OF LITERATURE-**

**Veena Shenoy et.al (2020)** they focused on the issue related with online learning like Technology adoption, involvement of teachers and found that the engagement of students is positive for this learning during Lockdown.

**Naman Wadhava and Sunita Katak (2020)** explained the essential architecture for online learning for country like India and also point out the need of online teaching.

**Hashatullah Tarren and Mohhaamd Thahir H. (2020)** they emphasised on the changes in environment and weakness of online mode of learning. And suggest the points for the improvement of online learnings.

**Mahima Rohtagi et.al (2021)** The study was focused on the effectiveness like convenience, flexibility, freedom of usage, skills and technical enhancement, and barriers like administrative issues and lack of interaction/motivation of the online learning platforms that affect the intention of the students of using online platforms.

With this reviews it is cleared that the online learning is essential in pandemic situations and it is the alternate in lockdown so researcher wanted to know the students view on online learning.

**STATEMENT OF PROBLEM**

Traditional learning and online mode of learning having its pros and cons, comparison between these two modes and finding out the students perception is become necessary.

**LIMITATIONS**

1. Data collected from degree students to collect their responses so opinion can be bias.
2. Due to time constraint not possible to collect large sample size.

**OBJECTIVES**

1. To study the pros and cons of traditional learning and online learning
2. To study perception of students towards both the method of learning

**RESEARCH METHODOLOGY**

The study is descriptive in nature data collected from Primary and secondary source

Primary data: Responses collected through survey method with closed ended questionnaire contained the questions based on Likert scale, multiple choices.

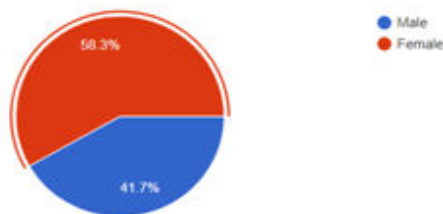
Secondary Data: Information collected from google websites and published research papers in journals.

Sample size: 206 respondents from degree courses BAF, BMS and BBI final year students by stratified random sampling method

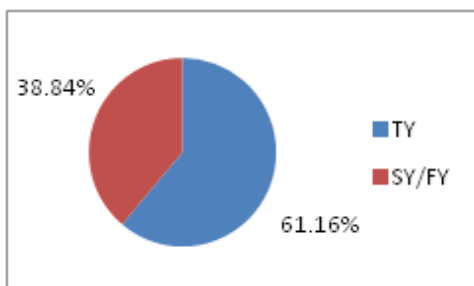
**Data analysis and Interpretation:**

**Demographic Details**

**1. Gender**



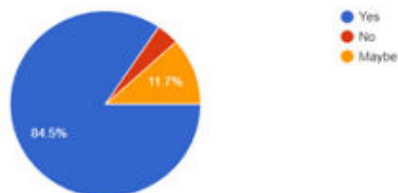
	<b>Total Count</b>	<b>Percentage</b>
Male	120	58.3%
Female	86	41.7%
<b>Total</b>	<b>206</b>	<b>100 %</b>



2. Class

Class	Total Count	Percentage
TY	126	61.16
SY/FY	80	38.84
<b>Total</b>	206	100 %

1. Do you find Traditional classes are interesting?



Response	Total count	Percentage
Yes	174	84.5%
No	08	3.9%
May be	24	11.5%
<b>Total</b>	206	100 %

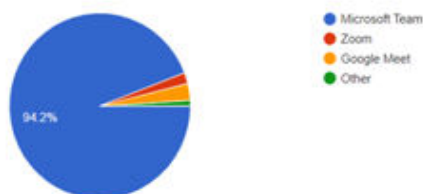
2. Do you find interaction with teacher is possible in offline lectures?



Response	Total count	Percentage
Yes	174	84.5%
No	08	3.9%
May be	24	11.5%
<b>Total</b>	206	100 %

3. Which online platform you used for learning process?

Response	Total count	Percentage
Microsoft Team	194	94.2%
Zoom	4	1.9%
Google Meet	6	2.9%
Other	2	1%
<b>Total</b>	206	100%



**INTERPRETATION**

1. Most of the students gave preference to traditional learning.
2. Students are agreed that teacher-students interaction is possible in offline learning the most.
3. Most of the students use Microsoft Team App during Pandemic for online learning.
4. Rate the following statements related with Offline Learning

No	Question	Strongly Agree 1	Agree 2	Neutral 3	Disagree 4	Strongly Disagree 5
		%	%	%	%	%
1	Do you think you are less active in class?	6.80	21.36	31.07	27.18	13.59
2.	Do you feel that your performance increases?	45.63	36.89	15.53	0.00	1.94
3.	Do you think you are involved in other activities?	26.21	47.57	20.39	4.85	0.97
4	Do you interact less with your classmate?	6.80	25.24	33.98	18.45	15.53
5.	Do you think teachers give more attention in class	55.34	25.24	14.56	0.97	2.91
6.	Subjects like Accounting, Taxation and math can easily understood in class]	66.99	19.42	9.71	0.00	3.88
7.	Your memorizing power increases during the class?	46.60	34.95	13.59	0.97	3.88
8.	Do you think the concept of last bencher is there in class?	30.10	27.18	33.01	4.85	4.85
9.	Completion of assignments is possible in time.	50.49	33.01	13.59	0.97	1.94
10.	You can fully attentive during the class.	49.51	39.81	7.77	0.97	1.94

**Source:** Primary data

**INTERPRETATION**

Most of the students are strongly agree in traditional learning that their performance increases, they complete their assignments, they can remain attentive in the class, their memorizing power increases, they can understand the subjects like maths, accountancy, and Taxation, they can interact with other classmate, they can participate in other co- curricular activities and they can pay more attention in class. They agreed that the concept of last bencher is developed in off line class.

5. Rate the following statements related with on line learning.

No	Question	Strongly Agree 1	Agree 2	Neutra3	Disagree 4	Strongly Disagree 5
		%	%	%	%	%
1	Online classes are convenient and flexible	13.59	38.83	33.01	8.74	5.83
2.	You save your travelling time and cost	40.78	41.75	13.59	1.94	1.94
3.	A shy student can interact well in class.	19.42	31.07	31.07	7.77	10.68
4	It may create a sense of Isolation	13.59	42.72	31.07	7.77	4.85
5.	Live quizzes, google quiz gives understanding of the concept	18.45	34.95	34.95	6.80	4.85
6.	Technical difficulties are the main	48.54	29.13	16.50	4.85	0.97

hurdles in education						
7.	More screen time create health issues	45.63	32.04	15.53	5.83	0.97
8.	Heavy spending of money on internet connection and Gazettes	43.69	25.24	19.42	8.74	2.91
9.	It requires additional training for students and Instructors	20.39	42.72	26.21	7.77	2.91
10.	Easy to view E-content displayed by the teachers	20.39	37.86	33.98	3.88	3.88

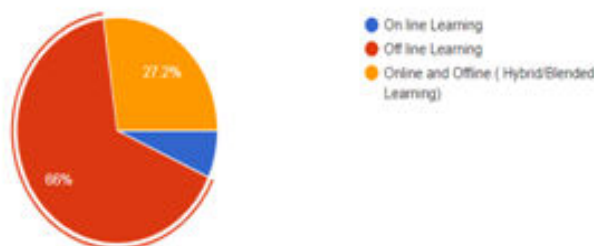
Source: Primary data

**INTERPRETATION**

More than 40 % students are strongly agreed that online learning saves travelling time and cost, 38 % respondents are agreed that this mode is convenient and flexible. 31% agreed that even a shy student can participate, 37.86 % agreed that it is easy to view E- content displayed by the teachers, 34.95% students agreed that Live Quizzes, Google quizzes gave understanding of the concept. More than 43 % students are strongly agreed that there are technical difficulties in online earning, more screen time creates health issues, heavy spending is there in internet connections, and gazettes, it creates a sense of isolation and additional training is must according to some respondents views.

**6. Which is the best method of learning according to you after pandemic?**

Responses	Total count	Percentage
On line Mode	14	6.8%
Off-Line mode	136	66%
Combined Mode	56	27.2%
Total	206	100 %



**INTERPRETATION**

66% Respondents demanded off-line learning after the pandemic period, 27.2% respondents give preference to combined mode of learning, only 6.8% students demanded for on line learning after pandemic.

**FINDINGS AND CONCLUSIONS**

From the above statistics it is cleared that both off line and online modes of learning having their pros and cons, respondents are given preference to traditional learning than On-line learning.

Traditional learning has its own plus point such as face to face study, availability of teacher for doubt solving, easy communication, collaboration, strict discipline etc. whereas during the pandemic when offline learning was not possible students selected online to continuation of education. It provides pace, free from fixed location, flexibility, easy access of study materials but creates loneliness. So both mode of learnings offer some good points and vice versa.

**SUGGESTIONS**

1. Teachers can adopt mixed learning mode for theory subject which can be taught by online learning by showing power point presentation.
2. For practical subjects like Accountancy teachers can make videos of their own or by use of some software application, educational game which can create interest among students.
3. Teacher should improve online interaction during the class by the way of question-answer round, quiz, activity, joint project etc.

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4. Teacher should increase interaction with students during the class and try to improve their active participation in teaching and learning process.

**SUGGESTIONS FOR STUDENTS**

1. Students should maintain self-discipline such as regular attendance, keen interest, timely submission of assignment, active participation in daily task given by the teachers.

Overall teaching and learning process is interdependent with teacher and students so mutual understanding and faith is most important.

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