Effectiveness of Learning Outcome: Challenges of Online Learning

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ARTICLE DETAILS	ABSTRACT
Research Paper **Keywords :** *Learning, Environment, Accountability, Enhancing Skills*	Online learning as emerged as a transformative approach to education which offers a large number of outcomes while also presenting unique challenges. The learning outcome of online education has many aspects like providing, convenience, flexibility, accessibility to learners all over the world students can engage and enrols with studies at their own rapidity and tempo from any location, breaking down the geographical obstacles and accommodating diverse schedules. Additionally, online learning stimulates the development of digital literacy and self-directed learning skills, empowering and permitting individuals to take ownership of their education. Moreover, online platforms or fun facilitate collaborate to learning experience through online conferences, virtual group projects and counterpart interaction, enhancing the overall learning experience. However online learning also presents challenges that require careful consideration and dynamic solutions. This provocation includes issues related to technology, accessibility, experience, digital Desperate concerns about the quality

of online instruction and the requirement of online student support. Furthermore, maintaining motivational and focus in an online learning environment can be challenging for some students, Demanding strategies for engagement and accountability. In spite of these challenges the online education continues to make a progress, drive by innovation in technology, which is end of contributing to the ongoing development of accessible and inclusive education for all.

INTRODUCTION: -

The concept of online learning is gradually increasing in University level of education in India and quality of student learning is uplifting in this recent era of education system. Online learning is a best platform for ever students to learn new concept to develop their skills in different areas. Online learning Has become an import consideration particularly in the field of higher and adult education most of the institutions are highly engaged in providing innovative and effective learning through online classes and it creates tendency of online learning as well as the potentiality. This trend brings new opportunity in light of the potential learning process in the mind show of the learner in this current era. This concentrate on enhancing the quality of learning among the different mentality of student in the learning process by using the different online tools to enhance their skills.

OBJECTIVES:-

- To assist and guide the students to adopt the new learning environment.
- To Implement effective learning strategies to deliver course and assessment trough online.
- To maintain the high level of student engagement and participation in face - to – face online class.

LITERATURE REVIEW: -

Cynthia Janet Tanis, "**The Seven Principles of Online Learning: Feedback from faculty and alumni on its importance for teaching and learning**".

In this paper suggested that online learning programme results are demonstrated that holding students towards high standards of performance and improving the specific applications and online classrooms and also exploring important factors.

Anna Sun & Xinufang Chen, "**Online Education and its effective practice**".

The author has discussed that online learning helps to develop synthesize information across the subject and experience and it helps to keep students in stay and grow online teaching and learning helps to focus & create attention on the relationship between cognitive and teaching presence and also helps to promoting social presence, interactions and collaboration between instructor and students

Stack, Steven (2015)," learning outcomes in an online and traditional course"

The author has discussed in this above paper above the online learning practices with reference to the recent current technology adopted in each and every country for the betterment of the student's life IPL unveiled in motivated students, self-motivated students are more adopt to select for the online classes other than non-interested category group to enrich their skills by utilizing the E - learning platform

	DATA RESPONSE OF FACULTIES					
	VARIABLE	**PRACTICAL**			**THEORY**	
	Attentiveness	65	80	81.25	60	80	75
	Attendance	55	80	68.75	53	80	66.25
	Response	48	80	60	49	80	61.25
	Assesment	52	80	65	50	80	62.5
Pre - Covid	Oral / Written test	51	80	63.75	45	80	56.25
	Test	59	80	73.75	55	80	68.75
	Application	32	80	40	35	80	43.75
Post - Covid	Project	51	80	63.75	45	80	56.25

RESEARCH METHODOLOGY: -

The study has been conducted among faculty members and students in arts and science colleges to analyse how they had experienced in using digital platforms for class deliver since covid, most of the institutions prefer hybrid made in which both online and offline class are taken. In this analysis they are 80 faculties participated from different institutions who offer Commerce & Management subjects.

In commerce & Management stream there are both practical and theory subjects. Hence it is a comparison of faculties teach both theory & practical subjects.

Difference between Practical Theory Subjects (Percentages)

	VARIABLE	PRACTICAL			THEORY		
		DATA RESPONSE OF STUDENTS					
	Attentiveness	115	120	95.83	90	120	75
	Attendance	105	120	87.5	105	120	87.5
	Response	85	120	70.83	85	120	70.83
	Assesment	100	120	83.33	95	120	79.16
Pre - Covid	Oral / Written test	100	120	83.33	98	120	81.66
	Test	90	120	75	92	120	76.66
	Application	84	120	70	78	120	65
Post - Covid	Project	99	120	82.5	96	120	80

Variable	Practical %	Theory %	Difference
Attentiveness	81.25	75	6.25
Attendance	68.75	66.25	2.5
Response	60	61.25	-1.25
Assesment	65	62.5	2.5
Oral / Written test	63.75	56.25	7.5
Test	73.75	68.75	5
Application	40	43.75	-3.75
Project	63.75	56.25	7.5

The results shows that the response for faculty members is positive for practical subjects in attentiveness, attendance, internals and Oral & Written have got positive response compare to theory subjects. In response and application faculty members feel good in theory subjects.

Similar way an analysis has been conducted among students also in which there are 120 participants. The results have been compared to understand the effectiveness of percentage analysis and difference in percentage is taken for comparing the response.

The results shows that the response for students is positive for practical subjects in attentiveness, assessment have got positive response compare to theory subjects. In Oral test, application and project students feel good in theory subjects. Attendance and Response in Practical and Theory subjects have common response.

STATEMENT OF THE PROBLEM: -

The transformation of online learning has significantly altered the landscape of education sector, which presenting both opportunities and challenges. The challenges include technological barriers, maintain students' participation and engagement, ensuring the quality of teaching.

The study identified the specific challenges faced by the students and faculty members in the realm of online teaching and learning process particularly in the filed of commerce and management sectors. By making a comparison with practical and theoretical subjects trough the online platform, it provided the targeted recommendation for enhancing the online learning effectively. The aim is to build the strategy to overcome from the exciting gaps and improve the overall efficiency of online education and ensuring the sustainability of online education for the long term.

Variable	Practical %	Theory %	Difference
Attentiveness	95.83	75	20.83
Attendance	87.5	87.5	0
Response	70.83	70.83	0
Assesment	83.33	79.16	4.17
Oral / Written test	83.33	98	-14.67
Test	75	92	-17
Application	70	78	-3
Project	82.5	96	-13.5

FINDINGS & SUGGESTION: -

- Promote interactive content delivery by using various online platforms and tools to deliver the presentation.
- Encourage active participants and collaboration with students in virtual mode through group discussion and different activities.
- Timely assessment like assignments, quiz and discussion which help both presenter and students to be interactive in online mode of discussion.

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