

ROLE OF DIGITAL LEARNING IN CLASSROOM FOR ENGAGEMENT AND EASE OF LEARNING .

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1.1 ABSTRACT

Ensuring an engaging and interactive learning environment on a sustainable basis has been always a challenge to teaching fraternity. This paper examines the usage of digital learning in creating an engaging and personal learning for the audience amongst students. Apart from this, the new leaning digital technologies allow to hold student attention with real-time data which further blends with the unique needs of the student to meet teacher's expectations and instructions. This further encourages and facilitates students and teachers in the usage of collaborative ways of learning and teaching through digital modes.

Key words: Digital learning, classroom, student, interactive, engaging.

INTRODUCTION

Interesting to note is the trend and need of the hour to create new pedagogies and learning environment and techniques to keep pace with rapidly changing face of technology. Digital Learning has been taken cognizance of and various new techniques and medium are being established to improve at user end, a fruitful engaging experience and learning. Yet there are many challenges and same time various opportunities available to us for exploring these new avenues of Digital learning in classrooms and optimize our learning experiences.

The Digital Disruption

The basic assumption going about for equipping self with Digital learning is the core understanding of Digital literacy and its validation through classroom experiences of various tools and techniques of this Digital Platform. The various platforms with infinite information on YouTube, Facebook, LinkedIn, Wikipedia, Medium, and Quora are constant source of challenging the facilitator and the learning graph of the classroom .Time and space pose no constraint and there is unique possibility to accelerate or each out to communities across the globe and brainstorm ideas. Indeed the term Global Village is well synced with broader community conversation and interaction on a global scale.

This paper is an attempt made to understand the various techniques and tools of enhanced learning and engagement through Digital Learning.

Research problem:

Currently the advancement of technology has demanded a different format of teaching and learning. The effectivity has been integrated with unquity of the personal experience and validation through Digital platforms as learning mediums in classrooms. The various platforms available to integrate these experiences for classroom learning has its own set of challenges and advantages. To understand more about the nature of these concerns this paper will attempt to explore and share insights about the current multiple digital learning classroom options.

Aims and objectives of the study:

The aim of the study is to attempt to examine the various portals of Digital learning in classroom and understand the possible effectiveness for the learners.

To attain this broad goal, the following specific objectives have been made:

1. Assess the effectiveness of various tools of Digital Learning in Classroom.
2. To evaluate the interactive process of these Digital Learning Tools.
3. Examine the learning validity and broadening of understanding of the learner's in classroom .

Research Methodology:

Primary Data was collected by designing an open ended questionnaire and responses were collected for 100 undergraduate college students of Mumbai colleges. Random sampling method is adopted. Secondary data was collected by referring Research papers, Books, Journals and internet. Analysis of closed ended responses was done by percentage distribution and Qualitative analysis of open ended responses was done observing the trends.

Sources of Data:

Data collection is done through two techniques that are:

- Primary source through a structured questionnaire
- Secondary source through preparing literature review of research paper and articles
- Data analysis is done with the help of two techniques and Likert scale analysis is used for limited option questions asked.

Data interpretation is done by converting numerical in to statements and achieving the objectives. Data is presented by using tabular and chart format for better understanding of the impact.

Limitations of the Study:

- 1) Due to time constraint the study is made only for undergraduate college students.
- 2) Only three under graduate colleges in subarban Mumbai are taken for the study
- 3) Basic statistical tools like percentage method are applied.
- The study uses quantitative and empirical method of research design.

Scope of study:

The assessment of using Digital learning in classroom is the understudy and the paper attempts to analyses the impact and attitude of the youth towards these techniques. The geographical scope of study is Mumbai city area where a sample of suburban college students using Digital Medium of learning are considered .The study attempts to understand the active engagement of students and their attitude towards this environment . The study does not attempt to analyze the gender difference in impact of using these techniques.

Findings and Conclusion:**Student's Education Profile**

Category	Frequency	Percent
Girls	49	49
Boys	51	51
Total	100	100

Student's Age

Category	Frequency	Percent
First Year	15	15
Second Year	30	30
Third Year	45	45

Usage of Smart Phones

Category	Frequency	Percent
19-20	49	49
18-19	38	38
17-18	13	13
Total	100	100

Internet access as per monthly expenditure of students

Category	Frequency	Percent
Up to 5,000/-	13	13
4000/- to 5000	35	35
3,000/- to 4,000/-	29	29
2,000/- to 3000/-	20	20
1000/- to 2000/	03	03
Total	100	100

Profile of students in Digital classroom for Learning

	HIGH		MEDIUM		LOW		NO DIFFERNCE		
	N	%	N	%	n	N	N	%	
Personal Attention	7	7	2	2	1	1	-		
Interactive	6	6	2	2	2	2	-	-	
Engaging	8	8	1	1	1	1	-	-	
Interesting	9	9	-	-	1	1	-	-	
Feedback	9	9	1	1	-	-	-	-	

Mark 10 to 1 with 10 being Highest and 1 being Lowest

It was clearly observed that the and quantitative results analysis strongly pointed out that the Students found Digital Learning Classroom very Interactive, engaging, and a system which gave them personal attention with the facilitator. Indeed the respondent's clearly preferred using technology and learning in a digital enabled classroom.

Thus the analysis clearly points out that Digital learning classroom has a positive impact on learning and improves the learning experiences of the student.

Conclusion and recommendations:

The remarkable findings of this study clearly suggest and indicate that Digital Class Room engagements with students is higher and they are more interested and interactive towards learning. The Study also reflects that all students were equipped with smart phones or enables laptops and were immediately swinging towards Digital techniques in classroom .They had enough pocket money to ensure availability and access to wireless technology. Digital learning created an environment of work together and validate the information on bigger platforms of www. Suggestions to make high speed internet available in all classrooms is desirable. Along with this enabled teachers with due training on various techniques of Digital Classrooms is strongly recommended. Peer to peer learning and collaborative learning can be of great help and engage students strongly if the needs are met.

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