A Study On Adoption Of Modern Learning Techniques Of Arts And Science College Students With Special Reference To Coimbatore City

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Abstract

"Changes remain unchanged". In this modern Era everything has been modernized including Education. Even this quarantine period student cannot go to an institution for education. Probably an option is an Online Education and has to be adopted by students. This is the right time to study an adoption of modern learning techniques among students because it is an evolution period of modern learning techniques. In this study can study about a level of adoption and evolution of modern learning techniques among college students.

We can judge a particular system is of high or low quality with terms of inputs and outputs. Technology acts as a media between the teachers and students to teach effective resource. So that can bring more outcomes with learning and teaching.

Keywords : Students, learning techniques, adoption, social media.,

INTODUCTION

OBJECTIVES

1. To know about the latest learning techniques followed in colleges

2. To examine about the degree of an adoption of modern learning techniques in students

3. To offer the valuable suggestions.

INNOVATIVE MODERN LEARNING TECHNIQUES
CROSS

COVER LEARNING

Learning in the classroom can enrich an experience from day to day life but informal can be give depth in like field trips, museum to propose questions and provide findings in the class room. An effective teaching strategy is to propes and discuss the questions in the class room. Here the right attribute of this kind of informal learning can covered by cross cover learning.. Which is used to learn in informal way by go for museum, field trips, excursion to get more findings and questions to deliver in class room by individual or group of students can engaged.

ARGUMENTATATION LEARNING

There is modernized resource of learning are all always welcoming by student so that the students can get better understanding more than the formal ways. Especially in science and maths students are asking questions and augmenting with scientific and mathematical language. Then the teacher can get to know their professionalism and better understanding and listening skills too. This is a kind of learning through argumentation can get more knowledge and created interest of particular subject.

INCIDENTAL LEARNING

Incidental learning is refers to learning that is un planned and not intended. Learning through the particular task and it was unplanned. It is some from accidental with in informal and formal situation. It is also called as informal learning and random learning. Mostly this kind of learning is done by in routine activity with workplaces like a task that can help to learn things.

LEARNING BY DOING SERVICE

Engaging with effective authentic scientific tools and practices like controlling remote lab or telescope can build skills, conceptual learning and motivation to learn. Remote access to specialized equipment firstly developed with scientists and universities, now can use by trained teachers and students. A remote lab having robotic arms to operate it, cameras, equipment, etc., remote lab systems can help to reduce barriers between the teachers and students to participation by providing innovative, interesting and user friendly interface too.

ADAPTIVE LEARNING

Learners are different and most teaching presentations are same. It makes to some learners are getting bored or tried to learning continuously. They can get solution or path through this learning method. This method observes the learners experience such as their past reading and reviews. Then it will give a right path to learn and recommend best places to start new content and give a suggestion when to find old reviews.

ANALYTICS OF EMOTIONS

Eye traks and face recognition is an example of automated methods to find the students emotionsand cognitive states. Cognitive aspects such as the students how to observe, strategies, respond effectively. Non-cognitive aspects are whether students get tensed or frustrated. This bringsmajor impact with student's attention in studies. This method gives the solution for this problem.

KAHOOT

Kahoot is a game based learning platforms that can create, play, share and fun with learning veryeasily through quizzes in minutes. This method is popularly using in a classrooms that can createmore important with the students and increasing the students attendance and their interest,participation, engaging in classes and more interaction with students and teachers too.

QUZIZZ

Quzizz is allow to conduct the assessment to students with a fun way.it can be using by all students and teachers. It can be use with any device with browser. Amazing teachers around the world create great questions on a quizizz every day. Even the reports can get every level of each quiz.

SWAYAM

Swayam is an online certificate course website initiaated by Government of India. It ensures the best-qualified course with study materials, online assessment, and doubt clarifying sessions too.

MOOCs

MOOCs is a Massive Open Online Course that is available to enroll by anyone. It provides a flexible and affordable way to learn new skills, advances your career, and deliver quality education at scale. Million of people around the world benefited.

NPTEL

NPTEL is a National Programme on Technology Enhanced Learning. NPLTEL initiated by seven Indian Institutes of Technology (IIT Bombay, Delhi, Guwahati, Kanpur, Kharagpur, Madras, and Roorkee) and Indian Institute of Science (IISc) for creating course content.

CISCO

Cisco Certifications offers the certification courses. There are four or five levels ofcertification like entry, professional, expert, and recently architect.

METHODOLOGY

A preliminary questionnaire is developed using four point Likert scales. The independent and dependent variables are identified. The questionnaire is pre tested several times to arrive at appropriate wording, format, length and sequencing of the questions. Pre – test feedback is used to refine the questionnaire until it is ready for the data collection.

After fixing the questions for the independent and dependent variables based on the type of questions different values are assigns to the Likert scale.

AREA OF THE STUDY

The study has been conducted in "Coimbatore District" of Tamilnadu State.

SOURCE OF DATA

The study is based on primary and secondary data. The primary data are collected through interview schedule, secondary data through the internet, journals, periodicals and websites.

REVIEW OF LITERATURE

NATIONAL STATUS

Dr.Ashok kumar Gupta (2019).It reveals that A good teaching method encourages students to question their own perceptions, which ultimately motivates them to learn more efficiently and by exposing them to real-life situations in which they come to understand themselves as the correspondents of the answers as well as the representatives who are responsible for bringing about change.

Vijayalakshmi Murugesan(2019).,In virtual learning communities, they can learn collaboratively, share information, exchange learning experiences, and work through cooperative activities. Modern teaching technologies make the teaching and learning process more efficient. In a nutshell, modern teaching technologies are reshaping the teaching-learning process to meet international standards"

INTERNATIONAL STATUS

Deyab A. Almaleki , Wejdan W. Khayat , Taghreed F. Yally , and Aysha A. Alhajjaji.(2021). Achievement portfolios were not used by teachers during the evaluation process. The majority of respondents mentioned the use of worksheets and visual evaluation techniques that rely on auditory and visual skills, such as displaying films, photographs, music, and games, as well as the administration of brief objective exams, in relation to the proper evaluation methods.
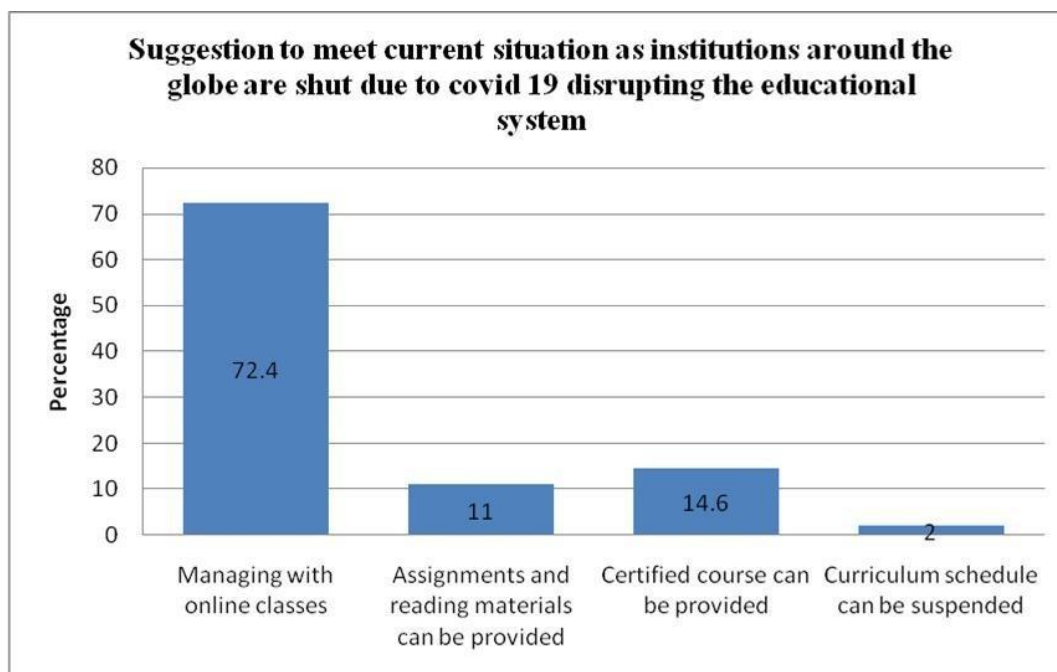
Hassan Abuhassna, Waleed Mugahed Al-Rahmi, Noraffandy Yahya, Megat Aman ZahiriMegat Zakaria, Azlina Bt. Mohd Kosnin & Mohamad Darwish (2020).The goal of this study is to discover and evaluate the elements that influence students' academic success and happiness with online learning platforms. Both transactional distance theory (TDT) and Bloom's Taxonomytheory (BTT) were validated in the educational setting in this study, providing more insight into students' potential perspectives of using online learning platforms to promote academic progress and satisfaction. As a result, the current study recommends that more research be done to evaluate the relationship between the complexity of online learning platforms and the technological adoption model (TAM).

SUGGESTION TO MEET CURRENT SITUATION AS INSTITUTIONS AROUND THE GLOBE ARE SHUT DUE TO COVID 19 DISRUPTING THE EDUCATIONAL SYSTEM

Particulars	Frequency	Percent
Managing with online classes	579	72.4
Assignments and reading materials can be provided	88	11
Certified course can be provided	117	14.6
Curriculum schedule can be suspended	16	2
Total	800	100

The table above depicts that, 72.4% suggested online classes to manage the current situation due to covid-19, 11% suggested that assignments and reading materials can be providedto manage the current situation due to covid-19, 14.6% suggested that certified courses can be provided to manage the current situation due to covid-19, 2% suggested that curriculum schedulecan be suspended to manage the current situation due to covid-19.

SUGGESTION TO MEET CURRENT SITUATION AS INSTITUTIONS AROUND THE GLOBE ARE SHUT DUE TO COVID 19 DISRUPTING THE EDUCATIONAL SYSTEM
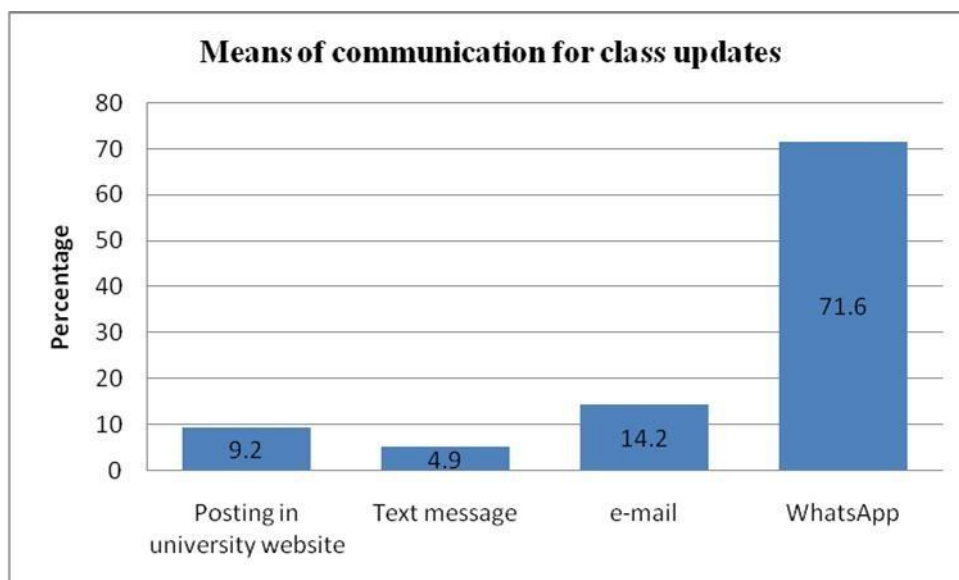
Suggestion to meet current situation as institutions around the globe are shut due to covid 19 disrupting the educational system

MEANS OF COMMUNICATION FOR CLASS UPDATES

Particulars	Frequency	Percent
Posting in university website	74	9.2
Text message	39	4.9
e-mail	114	14.2
WhatsApp	573	71.6
Total	800	100

The table above depicts that, 9.2% of the students suggested to post the class updates in university website, 4.9% suggested to use text message to communicate the class updates, 14.2% suggested to e-mail the class updates, 71.6% suggested to utilize whats app to communicate the class updates with students.

CHART 4.8 MEANS OF COMMUNICATION FOR CLASS UPDATES

Means of communication for class updates

ADOPTION OF STUDENTS TOWARDS LEARNING TECHNIQUES

Descriptive statistics for Adoption of Students towards Learning Techniques

	N		SA	A	N	DS	SDA	Mean	SD
Due dates of assignment to be extended	800	FRQ	290	364	131	15	-	1.84	.759
		%	36.2	45.5	16.4	1.9	-		
Excessive Activities should be avoided	800	FRQ	270	401	116	13	-	1.84	.723
		%	33.8	50.1	14.5	1.6	-		
Encourage group projects	800	FRQ	304	391	97	8	-	1.76	.696
		%	38	48.9	12.1	1	-		
Create activities to increase participation	800	FRQ	290	400	103	7	-	1.78	.693
		%	36.2	50	12.9	0.9	-		
Flexible	800	FRQ	289	363	134	14	-	1.84	.758
		%	36.1	45.4	16.8	1.8	-		
Appreciation to best performer	800	FRQ	342	341	108	9	-	1.73	.732
		%	42.8	42.6	13.5	1.1	-		
Valid N (list wise)	800								

The table above shows that students strongly agree towards due dates of assignments to be extended (1.84), excessive activities should be avoided (1.84), encouraging group projects (1.76), creating activities to increase participation (1.78), flexibility (1.84) and appreciating the best performer (1.73).

FINDINGS

Adoption of Students towards Learning Techniques

The students strongly agree towards due dates of assignments to be extended, excessive activitiesshould be avoided, encouraging group projects, creating activities to increase participation,flexibility and appreciating the best performer. Students having unlimited internet access and sufficient speed limit have higher level of acceptance towards adoption of learning techniques.

SUGGESTIONS

All the focus of education in these institutions is to pass the semester. Traditionalteachingmethods are better for learners who want to learn basics, religions, and customs. At the same time, modern education is for learners who have an interest in science or mathematics. Although seeing the contemporary scenario, modern teaching methods are best suited.

CONCLUSION

Both traditional teaching methods and modern teaching methods have their pros and cons. They are similar but also different from each other. Modern teaching methods should consider conventional methods of teaching as its base and learners should not neglect it completely while incorporating the new ones. However, modern teaching methods are suitable for the current century to cope up with surroundings and environments.

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