



MODERN EDUCATION WITH SMART CLASSROOM

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ABSTRACT:

The improvement of the data society and the far reaching dispersal of Information and Communication Technology (ICT) offer ascent to new open doors for learning and securing new advanced aptitudes and abilities. The accessibility of more up to date and more up to date innovation considers how the pertinent procedures ought to be performed in the present quick changing computerized time. This prompts the appropriation of an assortment of brilliant arrangements in instructive situations to upgrade the personal satisfaction and to improve the exhibitions of the two educators and understudies. The present instructional method is the computerized study hall. The significant and the inventive utilization of innovation are revamping the strategies and methodologies of educating just as learning in establishments.

Since autonomy, Indian has made huge advancement in school training regarding enrolment, framework and general access and by and large proficiency rate. There is prerequisite of all around qualified and prepared instructors in the nation to suffer with the interest of value training. Each part of life has been influenced by Technology. A modernized method has been acquainted with give quality training, which is known as Smart study hall. Here the action based learning, instructional material, 3-D vivified fragments, recordings, are being utilized. By this creative and intelligent procedure of learning, schoolchildren get roused. It has made getting the hang of exciting as well as simultaneously upgrades learner "s execution.

KEYWORDS: Smart Classroom, Information and correspondence innovation, Interactive whiteboard

INTRODUCTION

We realize that country is worked in a study hall. Formal training without study hall is unbelievable. In the antiquated period homeroom is "Gurukul" room or under the "Gurukul" tree. "Gurudeb" conveyed addresses and understudy learn by tuning in. There was no any composed or written word. With the sits back the instructing learning strategy grows continuously. In the present days learning is student situated. Present day instructive framework consistently offers need to students brain research like as need, limit, I.Q, and so on and innovation additionally help instructive framework to make learning blissful, logical, mental, educational, astute. The idea of study hall changes definitely in current days. Presently the homeroom is SMART CLASSROOM. In the brilliant study hall each understudy has the chance to get to world's data all around effectively by the assistance of web inside the study hall. Keen study hall likewise help educators to convey his profitable data with the assistance of intuitive white board.

Brilliant Classrooms(SmCs) are innovation improved study halls that encourage open doors for educating and learning by incorporating learning innovation, for example, PCs, specific programming, crowd reaction innovation, assistive listening gadgets, systems administration, and sound/visual capacities. Keen class is an advanced activity, which is quickly changing the methodology and strategy that educators use to

instruct and understudies learn in an imaginative way utilizing innovation. It has made showing learning process progressively bright as well as fascinating as well. The Smart Class programming has reformed and acquired a total change the customary repetition strategies for learning. This framework has finished the conventional methods for showing learning process and gives a changing face of homeroom. Shrewd Classrooms are innovation improved homerooms that encourage open doors for instructing and learning by coordinating learning innovation, for example, PCs, specific programming, group of spectators reaction innovation, assistive listening gadgets, systems administration, and sound/visual capacities. Shrewd class is a computerized activity, which is quickly changing the methodology and strategy that instructors use to educate and understudies learn in a creative way utilizing innovation. It has made showing learning process progressively beautiful as well as fascinating as well. This framework has finished the customary methods for showing learning process and gives a changing face of study hall. These days Smart study halls make new open doors in educating and learning by coordinating PC, sight and sound and system innovation and have changed the very idea of learning (homeroom instructing). Clearly, this system has demonstrated advantageous for the understudies.

IMPORTANCE OF SMART CLASSES

E-learning and savvy study hall goes for building up the understudies learning capacity as the whole sections become all the more fascinating to study and consequently improve the aftereffects of the understudies. The shrewd homerooms are the new age instructive item which enables understudies to acquire stamps and is a stage to the fate of training. E-learning is a progressive item in the field of training.

The Smart study hall learning approach gives students all things considered and different backgrounds with a nine-advance system and a large group of Smart Thinking Tools that rouse more elevated amounts of comprehension. Through the procedure students actuate and fabricate foundation information, process data, change their learning into an item that shows what they know, and ponder their learning. Organized talk and evaluation as and for learning are painstakingly woven into the procedure to construct an insightful setting for learning and to propel the thinking about all students.

REVIEW OF RELATED LITERATURE

Akcaay Ahmet Oguz, Arslan Halit and Guven Ufuk (2015) played out their examination on "Educators' Attitudes toward Using Interactive Whiteboards". They found that critical contrasts existed for mentalities toward utilizing intuitive whiteboard dependent on sex and substance region forte, while no distinctions were discovered dependent on age and long stretches of instructing background. Aytac Tufan (2013) contemplated on 'Intuitive Whiteboard factor in Education: Students' perspectives and their issues' on 202 understudies in grade school and secondary school in Ankara, Yozgat, Turkey. He found that as far as sexual orientation there are no noteworthy contrasts. There is an unmistakable contrast between elementary school and secondary school understudies' perspectives about the utilization of IWB. During this examination it was seen that understudies commonly had an inspirational disposition towards the utilization of IWB. Understudies distinguished educators' wastefulness to utilize IWB, specialized issues, deficiency of e-materials and their miracles about the radiation and eye wellbeing as issues.

Aytekin Isman and co-creators (2012) led their investigation on "Saudi Secondary School Teachers Attitudes' towards utilizing Interactive Whiteboard in study halls" and they found that there were apposite demeanor towards utilizing Interactive Whiteboard. Be that as it may, a couple of number of instructors utilized successfully the Interactive Whiteboard viably in the study halls. These outcomes showed that the instructors need an expert improvement program for powerful utilizing of Interactive Whiteboard viably to help them in improving their Teaching aptitudes and the understudies learning

Yapici I.Umit. furthermore, Karakoyun Ferit (2016) completed their examination on "Secondary school understudies' frames of mind towards keen board use in Biology classes". They found that savvy load up use in science classes permits comprehension of subjects all the more effectively and quickly, maintaining a strategic distance from time utilization and expanding understudies' inspiration and intrigue by means of

visual components. The understudies' mentality scores did not vary factually as for the factors of "sexual orientation" and "shrewd load up use time".

A Smart classroom provides:

- Students and educators utilize their PCs to go to a virtual gathering place rather than a homeroom.
- A rundown of understudies is recorded.

Lecture:

Teachers can choose from a variety of synchronous technologies including:

- Slide introduction
- Audio and video conferencing
- Application sharing
- Shared whiteboard

OBJECTIVES OF THE STUDY

The goals of this present paper are To examine the significance of Smart Classroom.

- To contemplate the idea of keen class started.
- To examine the situation of shrewd homeroom in India.
- To examine the idea model of shrewd study hall.
- To examine the standard of brilliant study hall.
- To examine the job of Interactive Whiteboard in Smart study hall.

METHODOLOGY

The investigation is primarily scientific in nature. The information has been gathered from different productions, reports, monographs, books, diaries and paper and so on. Further web source and sites are additionally counseled for this reason.

OBJECTIVE OF SMART CLASS ROOM

Coming up next are a few goals for a Smart Class Room application:

- To help instructors to address new difficulties and building up understudies' capacities and execution.
- To empowers educators to get to sight and sound substance and data that can be utilized for showing understudies all the more successfully. Academically solid and outwardly rich educational plan assets.
- To empowers educators to express their perspectives and guarantees that each kid is understanding the embraced idea which at last influences his accomplishment.
- To make workable for the ideas to be seen unmistakably. To makes dynamic idea genuine.
- To have intelligent and live educating to expound and think about various articles and recognitions towards the specific ideas
- To structured a module of keen class which enables an understudy to envision the idea much superior to static pictures. Visuals and movements that understudies will always remember.
- To move a stage towards advancement where understudies' accomplishment is featured.
- To makes learning a pleasant encounter for understudies. Exercises and recreations to make learning process simple.
- To make powerful mixing of innovation with the homeroom, and to Inform the educators of study hall occasions
- To teach at the same time remote and nearby understudies.
- To improve innovative deduction in learning procedure to picture the ideas and practices with model and exhibits.

- To enhance the utilization of e-assets astute digital books, e-diaries, conventions, address notes, documentaries, etc.
- To modified substance according to the school's plan of work and to give office to refresh the substance.

Main themes in the Smart Classroom concept

1. Keen Classroom goes for joining enterprising instructional method, shared instructing and the most recent innovative training apparatuses to make advanced and viable instruction administration condition in instruction setting. There are three primary topics in the SMART Classroom idea:
2. **Smart Pedagogy,**
3. **Smart Teaching Solutions.**
4. **3.Smart Learning Space**

SUGGESTED FEATURES FOR SMART CLASS ROOM

Smart Class Room must have some of the following features:

- Redecorated insides
- Enhanced lighting controls
- A gyro remote mouse to control the PC and projector from anyplace in the homeroom
- Switching controls to effectively change projector yield between the PC, PC, report camera, and DVD/VCR
- New projectors

DISCUSSION

What is smart classroom?

Keen study halls are electronically upgraded address theaters and study halls. These rooms make new open doors in educating and learning by incorporating PC, interactive media and system innovation. Northwestern University characterizes shrewd study halls as "... innovation improved study halls that cultivate open doors for educating and learning by incorporating learning innovation, for example, PCs, particular programming , group of spectators reaction innovation, assistive listening gadgets , systems administration, and sound/visual abilities."

Origin of Smart Classes

In 1986, David Martin and Nancy Knowlton were driving through upstate New York when David originally depicted an item thought he'd been taking a shot at to Nancy. After a year, SMART was established. Initially, the organization was the Canadian merchant for a U.S. projector organization, and income was created through projector deals. That income was coordinated toward the innovative work of the SMART Board intuitive whiteboard, which would consolidate the straightforwardness of a whiteboard with the intensity of a PC.

Smart classroom in India

Shrewd class was propelled by EDUCOM in 2004. In the underlying stages a delicate dispatch over a couple of select geographic affirmed the amazing acknowledgment among non-public schools all things considered. At the underlying phase of dispatch numerous Indian presumed schools like Takshila, DPS Pitampura in Delhi and Cambridge-Chain of schools were the first to receive the program. It has been currently embraced by 1000 schools crosswise over India and aides in a quick change of moving innovation into study halls in India. (Corporate Diary, 2007).

CONCLUSION:

Data and correspondence innovation gives progressive open door in instructive framework. It impacts from basic to advanced education in various level. At the point when this ICT utilizes inside a study hall, the earth of homeroom changes naturally. For the impact of ICT the idea of "brilliant study hall" creates.

From the above discourse obviously brilliant homeroom idea is particularly productive in instructive framework. Presently we see the advantages of savvy study hall in outline. Improves teachers effectiveness and productivity in class

- It brings conceptual and troublesome educational program ideas inside study halls.
- Makes learning an agreeable encounter for understudies.
- Improves scholastic execution of understudies.
- Enables moment developmental evaluation of learning outcomes in class.
- It likewise empowers instructors to in a flash survey and assess the learning accomplished by their
- understudies in class.

Obviously shrewd homeroom has various advantages, yet in our creating nation the execution of this idea isn't so natural. The financial condition leaves something to be desired wherever in our nation.

Recommendations The scientist proposed that To improve our uplifting frame of mind towards shrewd study hall.

- To decrease the monetary hindrance however much as could be expected.
- Government ought to attempt the issue to actualize the idea in closer future
- all through the India generally. The educational program ought to be surrounded keeping in view the use of shrewd classes • of instructing.

REFERENCES:

1. Akcay Ahmet Oguz, Arslan Halit and Guven Ufuk (2015). "Teachers' Attitudes toward Using Interactive Whiteboards". Middle Eastern & African Journal of Educational Research, Issue 17, Year 2015, page: 22-30.
2. Aytac Tufan (2013), 'Interactive Whiteboard factor in Education: Students' points of view and their problems'. Academic Journals, Educational Research and Reviews, Vol. 8(20),pp. 1907-1915, 23 October, 2013, ISSN 1996-0816 © 2013 Academic Journals. <http://www.academicjournals.org/ERR>
3. Aytekin Isman and co-authors (2012). "Saudi Secondary School Teachers Attitudes' towards using Interactive Whiteboard in classrooms". Turkish Online Journal of Educational Technology; Jul2012, Vol. 11 Issue 3, p286.
4. Balta Nuri and Duran Muharrem (2015). "Attitudes of Students and Teachers towards the Use of Interactive Whiteboards in Elementary and Secondary School Classrooms". The Turkish Online Journal of Educational Technology – April 2015, volume 14 issue 2.
5. Bautista G., Smart Classroom. Innovando el espacio de aprendizaje con TIC. Barcelona: Materiales didácticos UOC, 2013.
6. Chen Changsheng, Liu Sannvya, Wang Hong, & Chen Zengzhao (2011). Dual track teaching modal based on dual coding theory [J]. China Education Info, (3):52-55.
7. Chen Shijian, & Wang Chong (2003). The meaning, function and type of e-learning resources in the internet.



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