



INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)

An International Open Access, Peer-reviewed, Refereed Journal

“CONTEMPORARY TECHNIQUES OF TEACHING IN EDUCATION”

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Abstract

At the beginning of 2020 a dramatic changes found in the process of learning in Education in India and abroad. Covid-19 pandemic situation totally changed the education system. In our country modern teaching techniques uses of technology bases study like LCD projector, Computers or Laptops with Wi-Fi Connection, Interactive Whiteboards were not so popular. But now a day's scenario has been changed rapidly not only at cities also at villages. Villagers also starts used electronic gadgets to participate in online education system. In this study the researcher wants to highlight various modern or contemporary teaching methods, which was technology based, user friendly and interesting. Accordingly educational institution needs to change their traditional setup to modern one.

Key Words: Contemporary, Technology, Teaching Methods.

Introduction:

According to Albert Einstein- “Everyone is a genius. But if you judge a fish on its ability to climb a tree, it will live its whole life believing it is stupid.” The new teaching technique which we called the contemporary or modern teaching method was more activity-based and learner's centric which involved them entirely into the process of learning. In the modern teaching method, curriculum teaching and planning were done keeping the learner as the primary target. Over recent years, there have been visible changes in teaching style. Opposite to the memorization and same old recitation practice to teach the students, now with modern teaching methods, interactive methods of teaching have been introduced, and its result can be seen. Modern teaching methods do not treat all students at the same level of their understanding ability, unlike the conventional method of teaching. Rather than the only teacher based, modern teaching methods focus more on questioning, demonstration, explaining, practical, collaboration methods, and are more activity-based.

In recent years, the scope of knowledge in the field of science and technology has dramatically increased, and human's ability to adapt to new knowledge in science and technology has also increased. So, there was a massive need for innovative and creative minds to explore unknown and unrevealed areas of different fields. To struggle with the modern world and the knowledge-driven era of technology, accepting modern techniques were the only means to survive. Learners should be taught in a manner to tackle the unforeseen situation 21st century, which is technology-driven time and which requires creative and innovative minds for the progress of individuals, society, and nation. The students should be set in motion with modern teaching methods and are provided enough knowledge so that they can produce opportunities for themselves and others.

Characteristics of Modern Teaching Methods:

Modern teaching methods help to build up a productive understanding of basic science and technology (BST). Modern teaching method stands on many traits. Some of the traits were described below.

Learner-centered

It focused on learners while using or applying during classroom and laboratory lectures. The teacher acted only as a guide, and all the learning process involved learners. Learners significantly appeared as a dominator in classroom interactions.

Task-Based or Activity-based

The teacher or guide of BST organized activity or task and engages students to learn through this way. It was an activity-based or commission-based. Students were offered or asked to take part in classroom interaction through these interactive activities.

Resource-Based

BST teachers should be resourceful. They should collect and distributed all the required study materials to the learners. These materials can be collected from the school or any other places. Learner also can be the source to bring study material or resources from their end.

Interactive in Nature

The teacher asked the students to form small groups or work as individuals to perform the learning tasks and come up with the desired results. It assists them to accumulate knowledge from one to another. Moreover, it works in their support when they step out in the outer world.

Integrative in Nature

One of the vital characteristics of modern teaching methods was its integrative. Teachers link topics of one subject. By this, a learner could gain knowledge of more topics studying one.

Peer Collaboration

Modern teaching methods also selected students based on interest, needs, and feelings. Students learn to work cooperatively through instructional activities, and they encourage their competitors' work as well.

Objectives:

- ❖ To make the learning material more interesting and attractive
- ❖ To make best use of time
- ❖ To encourage the students to collaborative/cooperative learning
- ❖ To provide individualized instruction
- ❖ To minimize study problem of the students

Methodology:

Secondary Data were collected from various Articles, Journals, Magazines, different websites.

Contemporary Teaching Methods:

Traditional teaching methods, teachers were using conventional pedagogical methods to explain the topic or to provide notes. However, modern education sees a vast scenario which encourages learners to study profoundly and study to satisfy their curiosity. In recent years, we are getting introduced with technology along with innovative ideas to teach the students in a better way. Some modern teaching methods were described below:

Collaborative Learning

In this contemporary teaching method, every student was a part of the success of a group as they help each other to reach the desired result, and they also learn to communicate with each other. Learners learn to permit others, evolve skills to listen others and how to work in a team. Learners must be capable to catch different personalities and can get a real review of their work. Students expose their ideas and expect a reply when they were in group learning. It permits them to back-and-forth their creativity and gathers more knowledge. In return, it helps them to learn face healthy criticism and cross-questions.

Spaced Learning

Spaced learning was one of the important modern teaching methods, which was being followed by teachers. In this method, teachers repeated a lesson multiple times with break (10 minutes) until the students understand fully. The gap is meant to refresh the mind by playing physical activities or mindfulness techniques which prepares them for the next session. This method gives the students intervals to inherit the knowledge and create connections between learning's. It truly defines a proverb that a healthy mind is in a healthy body. Spaced learning also has amplitude to downgrade obesity in school-going children which can be seen more nowadays. It enriched mental and physical health of a learner.

Flipped Classroom

Flipped Classroom was well-known terms in the pedagogical method have been used these days. You have known about this undoubtedly. Its name 'Flipped Classroom' makes it unique. . The procedure of teaching among this method takes place in a flipped manner. Through the practice of flipped Classroom modern teaching methods, students get enough time to grasp the topic, unlike school where they get only a few minutes to understand the content. If necessary, they can work more on one issue. Students prepared themselves with the content before arriving in school, and if they face any doubt, they can discuss it in the Classroom or ask the concerned teacher. They can also suggest their ideas related to the content and share it with other classmates. Sick days won't interrupt their learning.

Self-learning

Curiosity pushes the learner to learn new and more always. It drives the learners to learn and memorize large spaces of the text that they will either miss gratefully or forget immediately. A teacher should allow the students to bring new ideas and work on it for the development of their brain and ability to work alone. This modern teaching method plays a significant role in learners' period of education.

Gamification

Was a well-known fact that children love games either it is online games or playing games at the field. Teaching through games is one of the essential modern teaching methods that have been in used under modern teaching. The significance of Gamification in teaching has mostly been seen in the elementary and preschool system. Students couldn't realize that actually teaching/ learning was going on through playing games. Not only preschool students, any aged students were motivated well through this process. The responsibility of teaching through Gamification was of teachers as they should plan or design projects that will be suitable for the students of their respective age. Teachers can also take help of the online platform under Gamification. Teachers can organize online quiz, puzzles or brain games. Gamification was actually fun learning teaching method to teach the students.

VAK teaching (Visual, Audio, and Kinesthetic)

The VAK teaching method was introduced in 1920 to help children with dyslexia. In this method learners were divided into three categories: Visual, Audio, and kinesthetic (movement). Teachers must know to which category his/her students relate to. In VAK, V is visual means seeing the data, A is Audio means gathering information by hearing the data, and K is Kinesthetic means feeling the data. However, its impact was more effective in the modern era. In the time of the internet, watching and learning through videos have become a popular new medium of teaching. Students grasp fast when they see, hear or feel instead of reading the material.

Crossover Learning

The not-so-common modern teaching method was Crossover learning which uses both formal and informal teaching and learning environments. It was one of the perfect ways to give the best education to learners. Crossover learning effectively engaged learners and provides authentic yet innovative results. Teachers should introduce new queries or questions in the formal setting and answers for which students should try to find in informal settings such as by exploring that question on their museum visit. The learners can take notes or collect pictures as their data and produce them as the information once they backed in the Classroom. Learners could share collected information with classmates and can discuss it for better results.

Advantages of Modern Teaching Methods:

Modern teaching methods have many advantages. However, these advantages were the disadvantages of traditional teaching methods.

- Modern teaching methods were more interactive and keep students united. It maintains the interest of students by animations and videos.
- The visual medium was way better than any other medium to give instructions. It helps to memorize the concept fast and for a more extended period than reading.
- Modern teaching methods were less time-consuming. Teachers take less time to cover the syllabus. Writing on the blackboard was not required.
- Blackboard explanation of content was less explanatory than a representation of videos and animations used in the modern teaching methods.
- Through these technology based teaching method, it was very easy to organize a classroom set up anytime from anywhere.

Modern teaching techniques Medium:

- ❖ Audio aids- audio aids like cassettes, recorders are very useful for language teaching to improve phonetics, pronunciation of the students.
- ❖ Visual aids-visual aids include various type picture slides, motion pictures etc.
- ❖ Audio-visual aids-this aids contains both audio aids and video aids. Now a day, in many educational institution there are separate audio visual room or computer based lab.
- ❖ Interactive electronic white board-the electronic white board is connected with digital projector to project the material on the computer onto the board.
- ❖ M-learning- personal electronic devices such as computers, mobile phones, tablets, notebook, MP3 players etc are m-learning gadgets.
- ❖ E-learning- e-connected education, e-access to network resources, e-discussion, e-tutorial, e-monitoring etc are some kind of e-learning teaching strategies.

Conclusion:

On the basis of above discussion the researcher concluded that contemporary or modern teaching techniques may help the learners to learn a lesson in joyful, interesting and attractive way. Contemporary or modern techniques are only way through which teaching-learning process keep moving during pandemic situation like covid-19.

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