

The Difference between Modern and Traditional Education Systems in Teaching

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Abstract – Traditional education is our primitive technique of instruction, as is both the current education system and the new method of instruction. Between the current educational system and the primitive educational system, there is a lot of misunderstanding. Computers and the internet are essential tools in modern schooling. In the minds of students who are deciding whether to pursue online or traditional education, sitting in front of a computer or sitting in a classroom is the obvious distinction. Aside from the difference in learning styles, technology, and the learning environment, there is also a distinction between online and conventional schooling. In this paper discuss the traditional and modern education system and its methods and technique, difference between traditional and modern education system.

Key Words – Modern Education System, Traditional Education System, Learning, Teaching.

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1. INTRODUCTION

This means that the general public's transmission of social, academic, and religious experience and heritage from generation to generation is seen to be the sum of these several methods. For a long time, newcomers to a society learned about its distinctive institutions and practises through seeing and participating in public activities. What's more, in the modern era of information overload caused by technological advancement, education and its institutions must play a crucial role in the dissemination and transfer of knowledge from the elders to the younger generations if it isn't to become obsolete. A person's ability to adjust to changing conditions in their life is greatly enhanced by formal education. A training programme isn't only a tool to secure job, nor is it merely a school of civics or a nursery for the development of critical thinking skills. It is a call to live a life of soul and a human spirit's search for truth and information that is redeemed. New-age instruction, on the other hand, reflects the presumptions of a broad public about itself and the people. Conduct modification is the foundation and finale of all educational endeavour. By capturing students' attention and generating new insights, instruction methodically prepares the people for the benefit of the group as a whole as well as the individual themselves. As fringe appreciation implies, training does not entail encouraging people to identify what they do not know but rather educating them to continue in harmony with their very own internal identity and outward self of the general public. This is what is meant by training. Individual and life values are instilled in students

through education, and they are then required to be ingested and demonstrated by reliable behaviour that is in harmony with one's social self. This statement, "Learning relies on engagement and is typically governed by the features of student's condition," is worth remembering. This means that even though some people are opposed to the Earth's system, it is providing the system of powers and forces that affects everyone.[1]

2. TEACHERS

An educational institution's success depends on the quality of its professors. In reality, no training programme can go above the level of the instructors. In each training arrangement, the teacher takes the focus circumstance into consideration. He has been referred to be the architect of a nation's future. His effect is not limited to a single area or state, but extends across the entire country and even further afield. Plato, Aristotle, Socrates, and Mahatma Gandhi all had a profound impact on their students. The teacher has a prominent place in the public eye because he manages to pass on the scholastic tradition from one generation to the next. In order to keep the light of human progress shining brightly, he maintains his high level of mechanical competence. He is obligated to assist the nation's peaceful social turmoil. His duty to his understudy doesn't cease when he leaves the study hall. A duty to the people and to the nation is due to him.[2]

3. TEACHING

The term "showing" refers to a situation in which the group's more experienced members assist the group's younger members in making positive changes in their lives. Educating takes two forms: formal education and informal education. Formal instruction takes place in the home as well. In addition to teaching their children how to perform everyday tasks, guardians also teach them how to identify their own strengths and weaknesses. In this case, the term "showing" refers to formal education, such as that provided in schools and colleges by a trained professional. As a result, teaching becomes a movement open to everyone. It may be found throughout history, throughout all socioeconomic classes, and in all eras. Educating was nothing more than a matter of simply distributing information and providing learning opportunities.[3]

Characteristics of Good Teaching

The following are the important characteristics of good teaching,

1. Good teaching is stimulating
2. Not a matter of pouring in, but of drawing out
3. Not a passive act, but an active process
4. Mature skills
5. Good teaching involves skill in guiding learning
6. Good teaching is well-panned
7. A means of adjustment
8. Organization of learning
9. Good teaching is suggestive and co-operative
10. Good teaching is kind and sympathetic
11. Good teaching is democratic
12. Equipping the child for future
13. Good teaching is both diagnostic and remedial
14. Good teaching is correlative
15. Good teaching liberates the learner

4. MODERN TEACHING

For students who want to improve their intellect and conduct rather than simply memorizing the material to pass the test, new and innovative teaching methods are becoming more and more popular. Methods of teaching that are easy and effective in today's world.

5. MODERN TEACHING METHODS

Education, like many other professions, has seen radical transformations throughout the years. Teachers used to be the only ones who could build a connection between education and students. They were presenting the material or providing notes in accordance with established pedagogical practises. Modern education, on the other hand, recognises a wide range of possibilities and encourages students to study in depth and to fulfil their curiosity. This revolution in education has been sparked by the introduction of new teaching techniques and the use of cutting-edge technologies, such as the Internet and mobile devices. So, let's have a look at some of the newest approaches to education.[4]

Following are the modern teaching methods:

• Collaborative Learning

Prior to this time period, when students were requested to revise a topic during a test or on a routine day, they would do it on their own or at home. Many teachers in the past used this practise in their classrooms. Cooperative learning is being implemented in schools to address this issue or to give a more effective platform for students. The modern teaching technique uses a group of students to solve problems, argue on themes, and answer questions in a safe environment. Students' social skills improve as a result, and the subject matter is more readily grasped.

Modern teaching methods include a group-based approach in which students work together to achieve the same goal. They also learn to interact with one other as a consequence. Tolerance, the ability to listen, and teamwork are all taught to students in the classroom. They will get the opportunity to interact with a variety of individuals and receive an unbiased assessment of their work.

• Spaced Learning

Teachers are using spaced learning as one of the latest instructional strategies. Teachers use this technique to repeatedly go over a lesson with their pupils until they are confident that they have fully grasped its concepts. There are two 10-minute pauses (breaks) between each session, though.

During this time, students are encouraged to do physical exercises or mindfulness practises to reset their minds in preparation for the upcoming lecture. Using this strategy, students are able to build on what they've learned thus far and form new connections. This approach teaches pupils the fundamentals before going on to the next chapter.

- **Flipped Classroom**

The phrase "Flipped Classroom" is well-known in educational circles. This is something you've probably been aware of for some time now. One of a kind because of its moniker, "Flipped Classroom." In today's classrooms, it's an important tool for students to have at their disposal. The teaching process is inverted in this form of instruction.

In contrast to more conventional methods, students now independently learn new information or subject at home and then practise it in class. Instead than lecturing on material in class, students are expected to practise or revise it at home. By viewing a video instruction or searching online, students may learn this strategy at home and then use it in class. Homework assignments are not due at this time. It's over at school, instead.

Modern teaching approaches, such as flipped classrooms, provide students more time to comprehend the material, compared to traditional classrooms, when students are given only a few minutes to comprehend the material. They are able to work on many issues at once if necessary.

- **Self-learning**

Curiosity drives the student to continuously seek out new and better methods to improve their knowledge. Students are compelled to absorb and retain enormous swaths of the text that they will either ignore or forget instantly. Students are compelled to pursue their interests because of their desire to learn more about them. Students who learn how to use the internet and obtain information on their own become more self-reliant and have a better grasp of the material.

A teacher should enable pupils to bring in new ideas and work on them so that their brains and their capacity to work on their own may be honed and developed. This new approach of instruction has a substantial impact on students' time in school.

- **Gamification**

We all know how much kids like playing games, whether they're on the computer or out in the open air. The use of games as a modern teaching technique is one of the most important modern teaching approaches. There has been a lot of attention paid to gamification in elementary and preschool education. There is no way for kids to understand that they are learning while playing games. Pupils were motivated, and it worked for students of all ages, not just those in preschool.

It is up to instructors to plan or develop projects that are appropriate for children of their particular ages while using gamification in the classroom. They need to think of ways to keep the kids interested for a longer

period of time and to keep their interest alive. Teachers can also benefit from the Gamification online platform. Online quizzes, puzzles, and brain games are all options for educators. Introducing students to this cutting-edge teaching strategy is a lot of fun.

- **VAK teaching**

VAK is a cutting-edge approach of teaching that can be plainly observed. Learning may be categorised as either visually or auditorily or kinesthetically (movement). Either the student or the instructor must be able to identify which group they fall into.

VAK stands for Visual, Audio, and Kinesthetic, and each of these terms refers to a different way of acquiring information. Because some kids learn best by seeing, hearing, or sensing, it is important for a teacher to differentiate instruction according to student type. Because of this, they need to convey the same information in a variety of ways.

- **Crossover Learning**

Using a mix of formal and non-formal teaching and learning contexts is a less-common modern teaching strategy called Crossover learning. It is one of the finest approaches to ensure that students receive the best possible education. It's a method of teaching that is both engaging and creative for students.

In a formal context, such as a classroom, students are taught in a traditional manner. Museums, seminars, and after-school programmes are examples of informal educational environments. Schools and universities educate students through the use of curriculum, textbooks, and the real-world experiences they have on a daily basis. On the other side, students who engage in informal learning are more likely to ask their professors questions, which helps them better comprehend what they're studying.[5]

6. CHARACTERISTICS OF MODERN TEACHING METHODS

Science and technology education may be improved via the use of contemporary teaching approaches (BST). Thus, current teaching approaches encompass a wide range of features:[6]

1. Learner-centered

Learner-centeredness is one of the most important qualities of current teaching approaches in basic science and technology (BST) In lectures and labs, it focuses on students who are utilising or implementing it. The instructor is merely there to serve as a facilitator, and the students are the ones who actually learn. In classroom interactions, students appear to be the dominant force.

2. Task-Based or Activity-based

By organising a job or activity, the BST instructor encourages students to learn. So it is an activity or commission-based compensation model. Students are invited to participate in class discussion through the use of these hands-on activities.

3. Resource-Based

Teachers of BST should be creative in their lesson planning. It is their responsibility to gather and deliver all of the necessary study materials to students in order to help them learn or better grasp the subject matter. It is possible to get the resources from the educational environment or any other location where they are available. Students can also provide their own study materials and resources.

4. Interactive in Nature

The current teaching technique is characterised by a high level of interactivity. Depending on the job at hand, students may be asked to form small groups or work alone to accomplish it. They can learn from one another this way. Students develop a sense of teamwork and collaboration. Taking a step out into the real world also works in their favour.

5. Integrative in Nature

Integrative teaching is one of the most important features of current teaching approaches. For example, social science themes such as drug usage and domestic violence are linked to other concerns and made integrative by teachers. A student can expand their horizons by focusing on just one subject at a time.

6. Peer Collaboration

Allowing pupils the opportunity for self-expression is only one way modern teaching methods enable students to express themselves in BST classrooms. They also choose students according to their interests, needs, and feelings. As a result of engaging in instructional activities, students gain the skills of teamwork and respect for the work of others. The BST curriculum places a high value on the interests of students and helps them achieve their educational and career objectives.

7. ADVANTAGES OF MODERN TEACHING

The face of education is changing in the twenty-first century, too, as improvements are made to the educational system for students. Consider the pros and benefits of new teaching methods before implementing them into your system. Because of this, the services may be used to their fullest potential at the lowest possible cost. Let's take a look at some of the major benefits of modern classroom instruction.[7]

• Cognitive Thinking Skills

Traditional methods of instruction, like as spoon-feeding, are no longer practised in the current educational system. Methods now being used aim to improve children's cognitive thinking abilities, which is impossible in the traditional educational system.

To put it another way, the brain's cognitive abilities can be described as its core capabilities. As a cognitive talent, the ability to learn and remember is linked to the brain through reading. Students with strong cognitive abilities, such as decision-making and problem-solving abilities, contribute to their IQ growth and enhance their memory strength.

• Bringing Prefrontal Cortex into Life

Unmanageable stress and depression generally have the greatest impact on the prefrontal cortex of the brain. Brain activities such as communication, behaviour, and expressiveness all rely on this region of the brain's anatomy. It is also helpful in enhancing an individual's memory and cognitive ability.

The prefrontal cortex is activated to its full potential by current teaching methods, which focus more on basic cognitive abilities. When it comes to current teaching methods, the prefrontal cortex is regarded to be one of the most powerful parts of our brains. This is one of the most evident and important benefits of utilising current instructional techniques.

• Exploration things

In order to grow as a person, it's important to spend time looking into subjects you're interested in. Additionally, the process encourages self-discovery and ensures that it is directed in the appropriate direction. It is this same collection of interests that may be explored by students with the correct and adequate aid from their professors when they use current teaching methods.

• Developing Unique Patterns of Learning

The basic goal of education is to help students learn, and the techniques employed to do this have their own inherent benefits. Because of this, one of the key goals of the tactics used in modern education is to create distinctive learning patterns.

• Application Based Skills

A student's capacity to put what they've learned into practise is closely tied to the application of what they've studied. Methods used in today's classrooms differ greatly from those used in previous generations. Skills that can be applied in real-world situations are the primary emphasis of these discussions.

8. TRADITIONAL TEACHING

Students are expected to learn because we tell them to in traditional teaching methods. In creating a spectrum of educational techniques, I believe I would apply the criteria listed above to construct a traditional to non-traditional range. It's less about technology (1:1, iPads, etc.) or approach (PBL, PrBL, Challenge-based, etc.) and more about context and motivation when moving away from traditional educational techniques. The more conventional I am with someone I am working with, the more I think they will learn from what I am saying them.[8]

9. DIFFERENCE BETWEEN TRADITIONAL AND MODERN TEACHING METHODS

Teachers have been explaining lessons and having pupils remember and recite them for millennia as the only form of instruction. Traditional methods of instruction were a roadblock to pupils' ability to think creatively. Their problem-solving and decision-making abilities remain weak. Modern teaching methods, on the other hand, are more student-centered and focused on practical applications.

In terms of educational approaches, society may be split into three distinct subgroups. An advocate for the use of conventional educational techniques. The second camp is in favour of utilising more contemporary teaching approaches in the classroom. Both traditional and modern techniques of teaching are favoured by the third one. The third group feels that the best way to educate is to combine both ways.[9]

Traditional Teaching methods

Most of our country's schools use the old-fashioned techniques of instruction. Teachers are the only ones who have access to relevant information at educational institutions. Teachers use chalk on a chalkboard to communicate the subject to students. Students are instructed to take notes in their notebooks and to memorise and regurgitate the material that is written on the blackboard. The sole goal of the curriculum at these schools is to get through the semester.[10]

Advantages of Traditional Teaching Methods

Teachers that use traditional approaches have a lot to gain. Modern teaching methods have many advantages, but they also have many drawbacks.

- Teaching in a traditional classroom, as opposed to a virtual learning environment, is less expensive. As a result, it may be practised freely in rural regions.
- Traditional methods of teaching foster close relationships between students and instructors, but current teaching techniques

tend to foster less interaction between students and teachers.

- When it comes to discipline, ancient educational methods are more effective than those used today.
- Some disciplines, such as physics, chemistry, and mathematics, require and benefit from chalkboard explanations.
- Traditional teaching techniques don't require a lot of technical expertise, unlike current teaching methods, which demand a more specialised approach.
- Traditional teaching methods don't injure the eyes of students, unlike modern teaching methods.

Traditional Methods of teaching that are Still Followed in Most Schools

- Classrooms are teacher-centric.
- The chalk-talk method is prevalent.
- Teachers are only knowledge dispensers, still not facilitators.
- Strictly organized and controlled Classroom.
- No group learnings and problem-solving sessions.
- Clearing examinations are more important than grasping knowledge.
- Homework based education.
- Absence of activity to sharpen the minds of students.

In traditional teachings, the teachers are all responsible for creating and maintaining a conducive teaching and learning environment. In making judgments and educating kids, they are the only ones who can. It is their responsibility to fill the hole in students' knowledge by providing them with stuff that they can only supply. In addition, because of the traditional practise of row seating, children are unable to socialize with their classmates.[11]

Modern Teaching Methods

There has been a gradual increase in the value of modern teaching methods and education that utilises high-tech equipment throughout time. New teaching strategies and technologically enhanced teaching aids have made their way into classrooms.[12]

New gadgets such as:

- Computers or Laptops with Wi-Fi Connection
- LCD Projector
- Interactive Whiteboards

The advent of personal computers and the internet has ushered in a new era of learning. Pupils' computers are linked to instructors' computers in higher education, which serves as a medium for professors to convey information to their students.

Advantages of Modern Teaching Methods

There are several benefits to using modern teaching methods. Traditional teaching approaches, on the other hand, have a number of drawbacks.

- It's easier for pupils to stay engaged in current teaching approaches than in conventional methods. Students' attention is kept piqued thanks to the use of films and animations.
- For the purpose of imparting information, nothing beats the power of the visual medium. It aids in the retention of information more quickly and for a longer amount of time than reading does.
- Time-saving: Modern teaching methods need less time. Less time is spent on the curriculum by teachers. There is no need to write on the board.
- Blackboard content explanations are less informative than current teaching techniques' representations of films and animations.

Modern teaching methods that are being adopted in Schools

- Classrooms are being equipped with technology.
- Evaluations are being done at all stages.
- Crossover learning.
- Focus more on an understanding of concepts.
- Skill development and values development are put in the most crucial place.
- Interactive whiteboards.
- Collaborative learning
- Emphasis on practical knowledge more.
- Activity-based and gaming based learning.

- Integrative and research-based learnings.
- Use of the internet and web.
- Collaborative learning
- Flipped Classroom
- Problem-based learning
- Learner-centered.
- VAK learning.

We live in the twenty-first century, which necessitates a radical rethinking of our educational system, one that incorporates new forms of technology, economics, and culture. Educators must determine which methods are most effective for students.

Traditional teaching approaches, on the other hand, have a place in the classroom. Both are excellent at what they do best. Because of this, it is impossible to declare a winner. It all depends on what the student is interested in. For students who wish to study the fundamentals, beliefs, and practises, traditional teaching techniques are preferable. Modern education, on the other hand, is geared toward students with a passion for the sciences or mathematics. Despite the current situation, modern teaching methods are the most effective. It keeps pupils in contact with the rest of the world and raises them to a level where they can compete with anybody else.[13]

CONCLUSION

Teachers are coming up with new ways to teach the material to students. Teaching pupils in a way that is both appropriate and current is also the job of instructors. It is the instructor who has the most impact on the achievement of students. As a result, teachers have a responsibility to embrace new teaching approaches. A combination of a knowledgeable educator and cutting-edge instructional strategies is necessary for a quality education. So that students may confront the world and compete against their opponents not only with academic knowledge but also with actual experience of courses.

Thus, in order to educate children in today's world, it is critical that schools implement cutting-edge teaching approaches that go against the grain of traditional methods that rely on pupils memorizing and repeating. Modern education approaches are most adapted for the development of decision-making, problem-solving, and critical thinking abilities. Student productivity and collaboration are boosted by modern instructional methods. However, the question remains as to which approach will

prevail in the present moment, and it is evident that current educational approaches are essential.

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