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# Trending Scenario of Teaching Method in the Modern Education

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## Abstract

*The quality of education is being accelerated by various types of teaching strategies. Teaching is the gateway to learning. Therefore, new teaching methods have been invented for a long time to facilitate learning. Nowadays, the evolving technology of education has led to the development of new teaching methods. So, the researcher has aimed to find out about emerging teaching methods and also analysed the benefits and challenges of modern teaching methods. A documentary-analysis method has been used to accomplish the purposes of the study. The present study has illuminated the new approaches to teaching methodology, viz., cooperative learning, project-based learning, gamification, spaced learning, flipped classroom, tactile learning, VAK learning, and blended learning, which are the emerging trending teaching methods in the modern era of education. These modern teaching methods have both good and bad sides. So, the researcher has also explained the benefits and challenges of these modern teaching methods from the present perspective. To conclude, the researcher said that the modern teaching approach is mostly experience-based and also learner-centered, whereas the traditional teaching approach was subject-centred or teacher-centred. This present study provided significant knowledge about emerging teaching methods, which can help teachers choose appropriate teaching methods for providing learning.*

**Keyword**— Trending Scenario, Teaching-Method, Modern Education, Documentary Study

## I. INTRODUCTION

Education is a light that shows the mankind the right direction to surge (Namitha, 2018) and which is one of the areas that are experiencing phenomenal changes as a result of the advancement and use of information technology (Khan, *et al.*, 2012). Education, innovation and technology are terms which are now very frequently combined together to bring in new definitions of emerging trends (Kapoor and Gusain, 2020). Modern education places a strong emphasis on the fact that teaching and learning are highly creative processes (Wang, 2022).

Teaching methods are effective on students' educational progress, motivating and satisfying them on developing and growing their character and

creativity (Moqaddam, 2016). The phrase "teaching method" describes the overarching pedagogical ideas and management technique applied during classroom instruction (Kolesnikova, 2016) and refers to a teacher's approach to achieving the intended outcomes in a classroom environment. (Al-Ghasab, 2022). The quality of teaching influenced by teaching skills, interaction, communication and evaluation skills of teachers, skills that will ensure sustainability and transfer of scientific information (Stefanescu, 2013). Modern teaching techniques are also commonly employed to raise teaching standards and provide pupils a better education (Wang, 2022).

Nowadays, the innovative pedagogies of teaching has emerged new teaching-methods in the modern

education. Innovative pedagogies mean theories and practices of teaching, learning and assessment for the modern technology-enabled world (Sharples, *et al.*, 2015). There are now many other ways to study, including online at a distance and in traditional classrooms. The global reach of education is expanding, there is a greater need for trained instructors and as a result, raising children is much simpler than it formerly was. This paper shed light on the emerging teaching-methods in this modern era.

## II. OBJECTIVES

The researcher framed the objectives of this study as follows-

- (i) To explore the emerging trends of teaching methodology.
- (ii) To find out the benefits of trending teaching-methods.
- (iii) To find out the key challenges of trending teaching-method in education.

## III. METHOD

A documentary-analysis method has been conducted to accomplish the purposes of the present study. Documentary analysis is a systematic procedure for reviewing or evaluating documents both printed and electronic material (Bowen, 2009). The researcher has studied various article, reports and literatures related to the teaching methodology in teacher education.

## IV. MAJOR FINDINGS

The researcher analyzed various literature related to modern teaching-approach and find out so many new approaches of teaching-methodology which are trending now in this modern era. The advent of innovative modern teaching methods as well as forward thinking educational strategies has brought about a revolution in the field of education in recent years. In this present study the researcher also explain the benefits of the modern teaching approaches.

### The emerging trends of teaching-methodology

**Collaborative Learning** is a construct that identifies a strong field nowadays, both traditional on-site and virtual education (Roselli, 2017). This approach is an umbrella term of learning with work together. Collaboration is a trend of the twenty-first century and a potential form of human interaction (Laal and Ghodsi, 2012). In this contemporary teaching approach,

educators create a community of students where they may work together to solve their problems and clear the doubts of any topic. This teaching method developed the interpersonal skill, social skill among the learners. The use of Collaborative learning can provide multiple benefits (Annett, 1997).

**Co-operative Learning** is a fabulous teaching approach that minor groups of learners apply different learning tasks to develop their cognitive to a topic (Altun and Sabah, 2020). Cooperative learning is becoming more and more common in the classroom because it is believed to have positive effects on student achievement, attitudes and social abilities (Tankersley and Cuevas, 2019). Otherwise the learners are developed the traits of accountability, collaboration, team sprit by this teaching method.

**Project-based Learning** solves the real-life problems of learners. The project-based learning is useful to developing lifelong learning skills, revealing one's strengths and weaknesses and fostering creativity (Bursaitiene, 2014). The majority of project-based learning is based on "real" projects, assuring relevance and boosting motivation (Mckenna, *et al.*, 2018).

**Gamification** of education is a technique for raising engagement that involves fusing gaming aspects into a learning setting (Dichev and Dicheva, 2017). This is the technique of integrating game principles and concepts to learning or training setting to make them more engaging and interesting for the learners (Gaonkar, *et al.*, 2022). The gamification of education can increase student engagement levels in a similar way to how games can do so in order to strengthen their specific talents and maximise their learning (Smiderle, *et al.*, 2020).

**Spaced Learning** is the trending teaching method in the modern era. Spaced learning as defined here is the preparation of allocating and revisiting information provided in separate time periods to facilitate the storage of the required information in the long-term memory (Noor, *et al.*, 2021). This method is all about beating the forgetting curve.

**Tactile Learning** activities raise the quickness of nervous system and muscular system and it also focuses to the sense of touch (Bincy and John, 2019). Learners are learned hand on activities by this teaching method. This type of learning is appropriate form practical subjects and skill.

**VAK Learning** style is a combination of three learning style enables students to seeing, hearing and moving around during the lesson (Litta, *et al.*, 2015). VAK is the

short term of three perceptual learning styles as visual, auditory and kinesthetic. VAK model assumes that learning will be effective by giving attention toward learning styles and exploring the potential that the students have (Hardiana and Suyata, 2018).

**Flipped Classroom** is a famous term in modern education teaching method. This teaching-method is an active, student-centered approach that was formed to increase the quality of period within class (Ozdamli and Asiksoy, 2016). In this approach before the course the students watch theoretical part of lesson via multiple equipment such as online videos, presentations, learning management systems and take notes, prepare questions about the parts that they do not understand (Kim, et. al., 2014). Flipped classroom approach emerged from the idea to provide education at home watching videos instead of traditional classroom education (Yildirim and Kiray, 2016).

**Crossover Learning** refers to a comprehensive understanding of learning that connects formal and informal learning situations (Joseph, et. al., 2023). 'Crossover Learning' is highlighted in the 2015 Innovating Pedagogy report (Sharples, et. al., 2015). This teaching-method for a teacher to discuss a question in the classroom, then the learners explore the question in a field trip by collecting evidence, then share their findings back in the class to produce individual or group answer (Sharples, et. al., 2015).

**Blended Learning** is an integrated learning experience that is controlled and guided by the instructor whether in the form of face-to-face communication or his virtual presence (Bryan and Volchenkova, 2016). It enriches student's learning experiences (Bisht, 2022). Blended learning required immediate feedback to the students for their performance which can be achieved by combining assessment technique with the use of latest technological advancement (Khan, et. al., 2012). Blended learning forces us to consider the characteristics of digital technology, in general, and information communication technologies (ICTs), more specially (Dziuban, et. al., 2018).

### **Benefits of trending teaching-methods**

Modern teaching techniques are more innovative and adequate. The learners are actively participating, which keep them interested in the subject, help them grasp it better and also give them a greater sense of success. The learners can investigate novel subjects in-depth and in intriguing ways courtesy of modern teaching techniques. The benefits of modern methods of teaching are more obvious (Wang, 2022). Modern

teaching methods are a way to develop cognitive thinking skill among the learners. These types of teaching enhance deep learning. The learners can think elaborately and endlessly about any topics. The pupils are able to achieve academic brilliance because to the creative teaching approach and advanced technology (Vijayalakshmi, 2019). The new approach of teaching has been developed a unique patterns of learning where students learns any topic very rapidly and perfectly. The learners can gather a lot of information about a topic. The new information technology improves the presentation skills in an attractive manner (Ahmad and Awan, 2020). Therefore, the modern teaching approaches develop the application based skills both the teacher-students in learning process. Both the learner and the teacher have active participation in the learning process (Ahmad and Awan, 2020). These modern teaching methods mainly focus on the learner and his interests and capabilities and the teacher tries to reinforce capabilities of learners in listening, speaking, reading, writing, argument, comparison, analysis, construction and creativity and presents the content based on these issues (Moqaddam, 2016; Akbari, 2010). Modern teaching methods emphasise critical soft skills while also being activity-based and creating highly engaged learning experiences. These teaching methods are adaptable and provide alternatives for a range of learners with disabilities and varying learning styles. Learners are able to use any resources they like and develop at a pace that suits them.

### **Challenges of trending teaching-methods**

As there is obscurity at the base of a lamp, there are certain challenges associated with these modern teaching-approaches in addition to any benefits. The researcher analysed the challenges of these emerging teaching-methods in the present study.

The primary barrier to using current teaching methods in traditional classrooms is their infrastructural design. The core of these approaches is collaboration, communication and creativity, yet developing these abilities is nearly difficult with students sitting in rows of desks all day. The development of a contemporary classroom is aided by video conferencing tools, screen casting programmes and cloud-based platforms that enable teachers to build and deliver classes. Although one of the primary reasons instructor don't use technology in the classroom is low-quality, malfunctioning and outdated ICT equipment, this might be a hurdle to success. The less traditional structure

might be challenging for students who haven't been exposed to new teaching methods.

The strategy would be useless if students lacked self-discipline and showed up to class without understanding the subject. For a flipped classroom to be effective, content is essential. However, a novel strategy frequently calls for new materials. Even the most passionate instructors might become discouraged by the idea of producing and creating fresh content since spare time is one thing that very few teachers have in abundance. The teachers are also facing the technical issues during the online teaching because there is lot of the internet connectivity issues in the remote area (Kaur, *et. al.*, 2023).

## V. CONCLUSION

To conclude, the researcher said that the modern teaching-approach is mostly experienced-based and also learner-centered where the traditional teaching-approach was subject-centered or teacher-centered. Both teaching approaches have their cons and pros. But in the present scenario, the modern teaching-approach is most suitable to achieve the educational goal and fulfill the learners' educational needs. Nowadays, there are many different teaching approaches. New teaching methods have been incorporated into traditional and online classroom setting, greatly enhancing student learning and memory retention. Teaching has gotten significantly more sophisticated in today's world of fast change and educational institutions are increasingly using cutting-edge teaching techniques to manage students in a classroom. New teaching technologies will be the best option for educators (Dutta, *et. al.*, 2018). However, modern teaching methods are ideal for the twenty-first century to keep up with habitats and surroundings.

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