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## International Journal of Multidisciplinary Research in Science, Engineering and Technology (IJMRSET)

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# Trending Scenario of Teaching Method in the Modern Education

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**ABSTRACT:** The landscape of education is evolving rapidly, driven by advancements in technology, societal needs, and the changing expectations of learners. This paper explores the trending teaching methodologies in modern education, focusing on innovative approaches, their implications, and the challenges faced in their implementation. The study highlights key trends such as blended learning, gamification, flipped classrooms, and personalized learning, discussing their impact on student engagement, learning outcomes, and teacher roles

**KEYWORDS:** Trending Scenario, Teaching-Method, Modern Education

### I. INTRODUCTION

Modern education is witnessing a paradigm shift from traditional teacher-centred methods to learner-centred approaches. The integration of technology, emphasis on critical thinking, and need for lifelong learning are shaping new teaching methodologies. This research aims to:

1. Analyze the current trends in teaching methods.
2. Evaluate their effectiveness in enhancing educational outcomes.
3. Discuss the challenges and future directions for educators.

### 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. LITERATURE REVIEW

The literature on modern teaching methods highlights several innovative trends:

1. Blended Learning: Combining online and face-to-face instruction for flexibility and accessibility.
2. Flipped Classrooms: Shifting lectures to pre-class activities and using class time for active learning.
3. Gamification: Using game design elements to motivate and engage learners.
4. Personalized Learning: Adapting content and pace to individual student needs.
5. Collaborative Learning: Encouraging group activities to enhance teamwork and problem-solving skills.

### IV. METHODOLOGY

This study uses a mixed-methods approach:

1. Quantitative Analysis: Surveys of students and teachers to measure satisfaction and perceived effectiveness of modern teaching methods.
2. Qualitative Analysis: Interviews with educators and educational leaders to understand the challenges and opportunities of implementing new methodologies.



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### V. FINDINGS AND DISCUSSION

#### 1. Key Trends in Teaching Methods

- Technology Integration: Tools like Learning Management Systems (LMS), virtual reality (VR), and artificial intelligence (AI) are redefining the learning experience
- Gamification and Engagement: Platforms like Kahoot and Duolingo make learning fun and interactive.
- Hybrid and Blended Learning Models: Widely adopted post-pandemic to ensure continuity and flexibility.
- Crossover Learning: refers to a comprehensive understanding of learning that connects formal and informal learning situations
- Flipped Classroom is a famous term in modern education teaching method. This teaching-method is an active, student-centred approach that was formed to increase the quality of period within class

#### 2. Benefits of trending teaching methods

- Increased student engagement and motivation.
- Improved accessibility for diverse learners.
- Development of critical thinking, creativity and problem- solving skills.
- The new information technology improves the presentation skills.
- Inclusivity in education.
- Better Teacher-Student Interaction.

#### 3. Challenges

- Technological barriers such as lack of access to devices or internet.
- Teacher training and resistance to change.
- Balancing technology with traditional teaching to maintain a human touch.
- Time consuming preparation.
- Privacy and security concerns.
- Cultural and social challenges.

### VI. CONCLUSION

Modern teaching methods are reshaping education, making it more inclusive, engaging and adaptable. However, successful implementation requires addressing challenges like technological disparity and teacher readiness. Future research should explore long-term impacts and scalability of these methods across different educational contexts. New teaching methods have been incorporated into traditional and online classroom setting, greatly enhancing student learning and memory retention. However, modern teaching methods are ideal for the twenty-first century to keep up with habitats.

### RECOMMENDATIONS

1. Teacher Training Programs: Equip educators with the skills to use modern tools effectively.
2. Infrastructure Development: Ensure access to technology for all learners.
3. Policy Support: Develop guidelines to balance innovation with quality education.
4. Continuous Feedback Mechanisms: Regularly evaluate the effectiveness of teaching methods.

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