

## ENHANCING ACADEMIC ACHIEVEMENT THROUGH HYBRID LEARNING AMONG SECONDARY SCHOOL STUDENTS

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### Abstract :

*This essay aims to demonstrate that when secondary school students are taught utilising a hybrid mode and proper technology is used, academic achievement is high. Through an analytical study conducted on two distinct groups of secondary school students—one group receiving traditional instruction, the other the hybrid mode—the author has attempted to investigate this.*

**Keywords:** *Academic Achievement, technology, Hybrid mode of teaching.*

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### Introduction:

Modern education is undergoing a significant improvement. This appears to be also urgently needed. In India, the New Education Policy-2020 places a strong emphasis on the all-around growth of pupils with the goal of fostering 21st century abilities including creativity, critical thinking, and problem solving. The Elementary and Secondary Education Act of 2001 placed a strong emphasis on technology-integrated education for students in their early school years.

Learning can be improved if instructional technology is incorporated into the teaching-learning process. Additionally, students must acquire technical skills in order to contribute to society in a global economy that is highly competitive. (US Department of Education, 2010; Mc Millan-Culp, honey and mandmach, 2005). Today's classrooms must adopt new pedagogies that ensure technology is used responsibly to meet learning objectives, maximise student progress, and facilitate efficient time management. Academicians currently seem to have hope in the hybrid form of learning.

**Definition:** When some students receive in-person training in the classroom while others receive online instruction outside

of it, this is known as a hybrid teaching model. Three or four students may receive virtual education while the remaining students attend class as usual, or there may be a 50/50 split. A hybrid classroom is a teaching and learning approach that combines technology with traditional in-person teaching and learning components to bring together both in-person and remote participants.

### Definition of Traditional teaching method:

The idea behind traditional teaching is that the instructor controls the classroom environment. Teachers have authority and accountability, serving as both instructors (via lectures) and decision-makers (with reference to curricular content and particular outcomes). To put it briefly, the traditional teacher believes that learning happens because of the teacher (Novak, 1998). The classroom is the primary setting for learning, and it is frequently competitive.

The purpose of the current study is to understand the performance of students under both strategies.

### Methodology:

The purpose of the current study is to understand the performance of secondary school students under both strategies.

**Sampling:**

Random sample method was used for this study.

**Sample:**

A sample size of 50 students studying in std Ninth in a Maharashtra State Board Secondary School were taught a unit on 'The United Nations' in the traditional method and another 50 students studying in std Ninth in a Maharashtra State Board Secondary School were

taught the same unit using Hybrid method. At the end of the session, they were given a paper to solve.

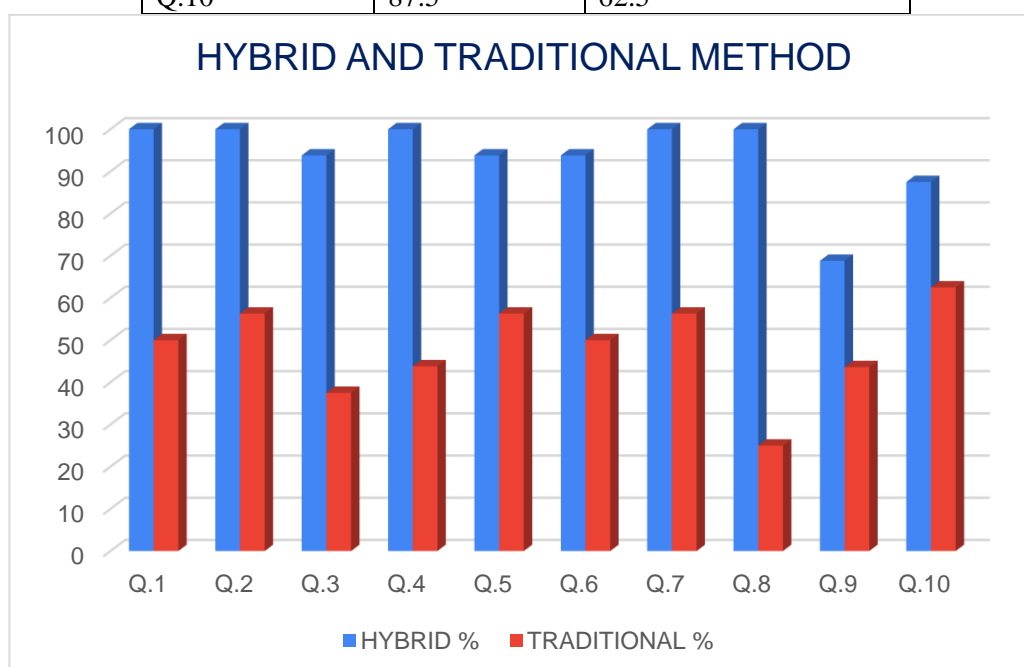
**Sampling tool:**

The Students were given a question paper consisting of 10 multiple choice questions to solve through google form.

The following graph gives a clear picture of the comparative study done.

**Results and Discussion:**

QUESTION	HYBRID %	TRADITIONAL %
Q.1	100	50
Q.2	100	56.3
Q.3	93.8	37.5
Q.4	100	43.8
Q.5	93.8	56.3
Q.6	93.8	50
Q.7	100	56.3
Q.8	100	25
Q.9	68.8	43.6
Q.10	87.5	62.5



In all the above questions, students who were taught using the hybrid mode of teaching scored better. It is clearly evident that students taught via the Hybrid method scored between 68 to 100%. However, students taught via the traditional method scored in the range 38 -63%. The reasons for this can be attributed to the audio-visual content shown to students via the Hybrid mode, students being able to sit in the comfort of their homes and acquire knowledge.

**Conclusion:**

The paper, 'Enhancing Academic Achievement Through Hybrid Learning among Secondary School Students' makes the case that, due to its many advantages, hybrid learning is the way of the future for education. If the right technology is applied, academic excellence is guaranteed. There is ample time for talent development, time management abilities are refined. Maximum resource management is achieved by using the hybrid mode. Nevertheless, there will be drawbacks to this approach as well. To employ this mode in a way that maximises academic accomplishment, educational leaders and stakeholders must be trained.

**References:**

*Educational Resources in Educational management for quality school administrators.* (2021).

*Journal of Research in Humanities and Social Science*, 9(ISSN (ONLINE) 2321-9467), ISSN (ONLINE) 2321-9467.

*EFFECTIVENESS OF COLLABORATIVE LEARNING AMONG GEN Z ENGINEERING STUDENTS.* (2021).

*JOURNAL OF ENGINEERING EDUCATION TRANSFORMATIONS*, 34(eISSN2349-2473).

*Foundations of learning and instructional design technology.* (n.d.).

<https://pressbooks.pub/lidtfoundations/chapter/tech-integration-from-bates/>

*HOW DOES TECHNOLOGY IMPACT STUDENT LEARNING.* (2022, June 3). BAU.

*NextSchool.* (n.d.). *NextSchool® - K12 School Consultant (CBSE, ICSE, IGCSE, IB Board).* NextSchool. <https://www.nextschool.in/>

*ONLINE, BLENDED AND TECHNOLOGY-ENHANCED LEARNING.* (2017). *CONTEMPORARY ISSUES IN EDUCATION RESEARCH*, 10.

*RESOURCE MANAGEMENT: a VITAL COMPONENT OF EDUCATIONAL MANAGEMENT.* (2021). *Ijilpm*, 3(ISSN: 2735-9220).

<https://dexonsystems.com/blog/hybrid-classroom>

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