

Blended learning- An Innovative learning approach

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Abstract

Advances in the use of information and communication technology have led to significant changes in the education system. The e-Learning process has improved the learning and teaching experience with the development of different technologies and communication methods. Talking about teaching and blended learning is a combination of education, and it offers the promise of solving various problems faced by the traditional education system and introducing useful methods for blended learning and education. Blended learning and teaching is a new concept that combines the benefits of traditional classroom teaching with ICT-enabled learning, the learning environment and the teacher's teaching experience, which in turn affects learning outcomes. Today, most of the teachers use the engagement strategies developed in the classroom and online courses. Integrated learning contributes to improving the quality of education. A sample of 200 respondents was collected from respondents using a "standard questionnaire", which was developed in five minutes.

Keywords: *Blended learning, Online learning, Virtual classroom, Hybrid learning, Industry approach, Student engagement, Teaching practice.*

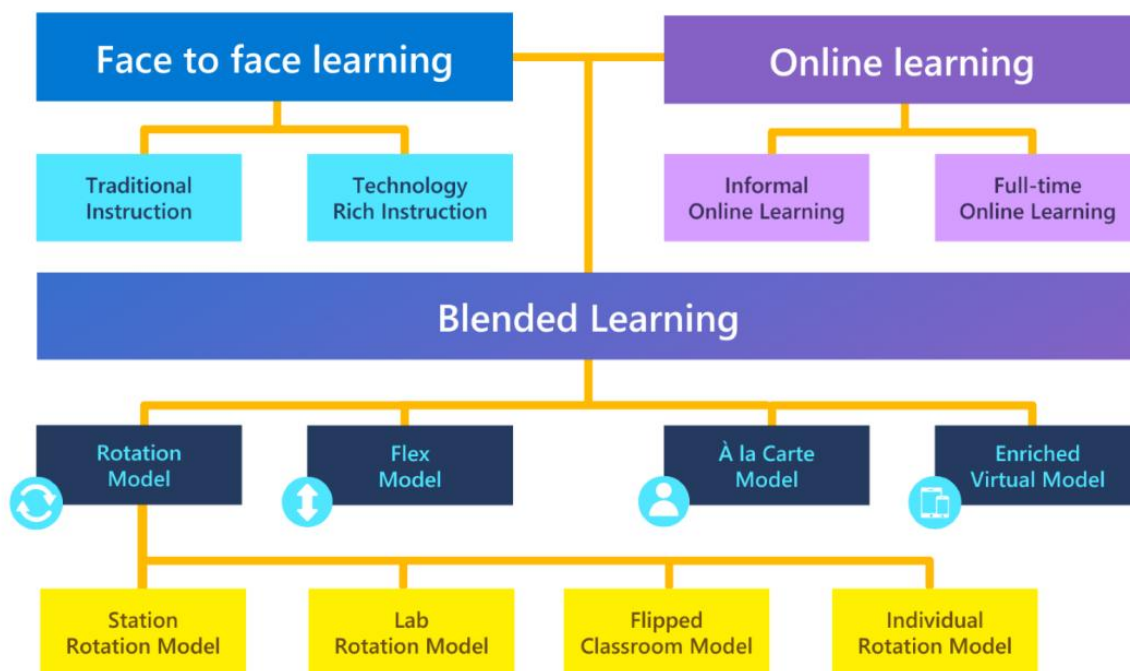
Introduction:-

The definition of blended learning is an educational program in which a student learns at least in part through online learning with some students controlling the time, place, method, and/or it's the pace. At least in part the physical condition is taken care of in your home.

In the process of the learning journey of each student in the curriculum and subjects are combined to provide a unified approach learning experience. The concept of blended learning, in general there are three types of delivery: face-to-face, exchange and distance learning .

It is important to note that learning technology affects all three types of technology that can be used. Improving existing flexible teaching models increases the level of space and social presence of students who soon learn. In any form of teaching, technology can be used to combine the best teaching and online learning styles.

Models of Blended learning :-



1) *Face-to-face driver mode*

Of all the blended learning models, the face-to-face driver is the closest to the typical school system. With this approach, online courses are decided on an individual basis, meaning that only certain students in a given class will participate in any form of integrated learning. The face-to-face driver approach allows students who are struggling or working above their grade level to progress at their own pace using technology in the classroom.

2) *Rotation model*

In this blended learning model, students rotate between different stations and schedules – either working online or face-to-face with a teacher. This type of transfer is often used in elementary schools - 80% of California elementary schools use blended learning and follow a transfer system - as many have already set up to transfer students between airports.

3) *Flex Model*

Schools that support large numbers of non-traditional or at-risk students often choose flexible learning styles. Through this process, the application is delivered online. Although teachers are present in the building to provide on-site support as needed, the main learning is self-directed as students independently learn and practice new ideas in a digital environment. That kind of change is the approach used by Advance Path Academy, a mixed learning school, that works with school partners to meet the needs of students with behavioral, academic, and/or economic challenges.

4) *Online lab Model*

As schools face increasingly difficult resource constraints, integrated online school assessment systems are a good option to help students attend courses, including those not offered

on the school site. In this case, students learn entirely online but go to dedicated computer labs to complete their studies. The labs are run by elders, but they are not qualified teachers. This not only allows schools to offer their own lessons without or have enough teachers, but also allows students to work simultaneously on subjects that suit them without affecting the learning environment of other students.

5) Self - Blend Model

Popular in high schools, the self-paced blended learning model allows students to take courses beyond what is already offered at their school. Although these people attend traditional schools, they also choose to supplement their education with online courses offered at a distance. For blended learning to be successful, students must be highly motivated. Self-combination is ideal for a student who wants to take additional courses at a higher level or who is interested in an area not covered in the traditional catalogue.

6) Only Driver Model

Unlike a face-to-face instructor, we have an online instructor, which is a form of integrated learning in which students work remotely and the main content is delivered through an online platform. Although face-to-face testing is optional, students can chat with instructors online if they have any questions. This lesson is mixed for students to require changes and freedom during their daily hours.

Objectives of the Study :-

The purpose of this study is to examine the following:

“The importance of blended learning and to explore the concepts, needs, challenges and methods of blended learning.”

Research Methods :-

This study was done based on secondary data and information from books, works and published articles.

The Importance of Blended learning :-

Integrated learning is important because it breaks down the walls of traditional teaching that does not work for all students. But now, with access to current technology and resources, we can customize the learning experience for every student. Blended learning is which provides flexible and flexible training for each individual, allowing them to learn at their own pace. Blended learning is a live interaction between a teacher and a student using technology. This type of learning provides an opportunity for students and teachers to change, students can enjoy personalized learning that fits their study plan through a combination of tools. Teachers can better interact with students by monitoring their progress and providing immediate feedback. Blended learning allows students to customize their learning experience using other tools beyond the classroom. Learners can identify areas that need more attention and plan their learning activities accordingly. Teachers can also use blended learning to improve their teaching. This is an innovative and automotive teaching method that has a positive impact on the student's training experience. This type of education prepares students to work in digital jobs that require technical skills.

Blended learning also creates other benefits for the teacher, including:

- Students are more engaged
- Better service information and feedback
- group lessons
- Long term and extended student leadership roles
- Focus on deep learning
- Promote hard-to-reach children
- New options for home schooling
- Individual professional development plans

Features of Blended Learning :-

Blended learning makes learning more fun as there is better involvement on the part of students. It also has a number of advantages over other methods of teaching. Blended learning gives the learner more control over what they learn and how much time they need to learn it well:-

- Blended learning is flexible: There is immense possibility in presenting content. Complex topics can be covered in the classroom and since a chunk of the content is available online, students can work on learning the subject within a given timeline
- Blended learning is efficient: With a well-planned blended learning strategy, you can efficiently and quickly deliver training to a broad audience. Also, digital content like videos, recordings and e-books can be reused, which is an added advantage.
- Blended learning has extended reach: Creating a blended learning strategy reduces classroom teaching time and, by digitizing the expertise of talented instructors or subject-matter experts, you can teach more students with world-class content.
- Blended learning enables collaboration: Online assignments, course commenting and discussion boards naturally encourage student collaboration. Therefore, both online and offline teamwork opportunities are more.
- Blended learning supports personalized learning: Each person learns in a unique way and blended learning supports it. For example, you can assign reading comprehension passages according to the comprehension level of each student which can prevent unnecessary burdening for students who need to work harder.
- Blended learning enables tracking and reporting: One of the greatest benefits of online learning, especially through an LMS, is data tracking and reporting. LMSs have the ability to track each step the student takes throughout the course, including logins, time tracking and grading.

Conclusion :-

- Integrated learning environments promise to be an important part of the future of higher education and corporate training. Over the past decade, with the increase in technology

and network access, the use of blended learning environments has grown. It allows students flexibility and better learning outcomes.

- Co-educational education allows many students to overcome physical and cultural barriers to education. By learning to use technology in the classroom, teachers and students will develop important skills for the 21st century. But more than that, students will learn about critical thinking in the workplace.
- Education is no longer about learning and memorizing facts and figures, but about interacting with others, solving. They will succeed in their own way, develop different types of communication and leadership skills, promote motivation and creativity. Despite initial difficulties and challenges, the future looks bright for hybrid adoption in developing countries like India. In fact, if the current growth rate continues, India may soon catch up with Western countries in the adoption of blended learning.
- A challenge for implementing blended learning in secondary schools is the time commitment. Therefore, planning and developing a blended learning system for a large population usually take two or three times.

References :-

- Atef, H., & Medhat, M. (2015). Blended learning possibilities in enhancing education, training, and development in developing countries: A case study in graphic design courses, *TEM Journal*, 4(4), 358-365.
- Jayakrishnan, P. (05th January 2019). *All you wanted to know about blended learning*. <https://www.scoonews.com/news/all-you-wanted-to-know-about-blended-learning>
- Jeffrey, L.M., Milne, J., Suddaby, G., & Higgins, A. (2014). Blended Learning: How Teachers Balance the Blend of Online and Classroom Components. *Journal of Information Technology Education: Research*, 13, 121-140.
- Mohamed, F.A.E. (2022). The Effectiveness of the Blended Learning in Enhancing EFL Learning and Collaboration. *World Journal of English Language*, 12(1), 92-103.
- Muthuraman, S. (2018). Quality of Blended Learning Education in Higher Education, *The Online Journal of Distance Education and e-Learning*, 6(4), 48-56.
- Pappas, C. (8 October 2015). *The History of Blended Learning*. <https://elearningindustry.com/history-of-blended-learning>.
- Teachthought staff (24 Feb. 2016). *The Benefits of Blended Learning*. <https://www.teachthought.com/technology/the-benefits-of-blended-learning/>
- WOW Poratal. (n.d.). *What-when-how: Benefits and challenges of blended learning environments*. <http://what-when-how.com/information-science-and-technology/benefits-and-challenges-of-blended-learning-environments/>