

# DAV PUBLIC SCHOOL, GOLE MARKET

## Capacity Building Programme Report: Webinar on Blended Learning

### DAY 1

**DATE:** 18<sup>th</sup> September, 2023

**Attended by:** 21 Teachers

**Blended Learning:** Policy Recommendations, concept, need and scope.

**By:** prof. Marmar Mukhopadhyay

**Blended Learning: Models**

**By:** Prof. Sandeep Sancheti

**Introduction:** Blended learning refers to the integration of traditional face-to-face instruction with online learning components, offering a flexible and personalized approach to education.

This report aims to summarize the key points discussed in the webinar.

**Policy Recommendations:** During the webinar, several policy recommendations were put forth to support the implementation of blended learning.

**These recommendations include:**

- ❖ **Infrastructure Development:** Governments should invest in robust technological infrastructure, including high-speed internet access and reliable devices, to ensure equitable access to blended learning opportunities for all students.
- ❖ **Curriculum Adaptation:** Education authorities should review and adapt the curriculum to align with blended learning approaches. This includes incorporating digital resources, interactive content, and project-based learning activities into the curriculum framework.
- ❖ **Assessment and Evaluation:** Policymakers should develop new assessment methods that accurately measure student progress in blended learning environments. This may involve a combination of traditional exams, online quizzes, project-based assessments, and continuous evaluation methods.
- ❖ **Funding and Resource Allocation:** Governments should allocate sufficient funds to support the procurement of necessary technology, software licenses, and learning resources for blended learning implementation. Additionally, financial support should be provided to schools for professional development programs and ongoing technical support.

**Proposed Model:** The webinar also presented a model for implementing blended learning effectively.

**The model consists of the following components:**

- ❖ **Online Learning Platform:** A user-friendly and interactive online platform should be established to host digital content, facilitate communication between teachers and students, and provide access to learning resources.
- ❖ **Face-to-Face Instruction:** In-person classroom sessions should be scheduled to complement online learning activities. These sessions can be used for collaborative activities, discussions, and hands-on experiments.
- ❖ **Personalized Learning Paths:** Blended learning allows for personalized learning paths tailored to individual student needs. Adaptive learning technologies and data analytics can be utilized to track student progress and provide targeted interventions.
- ❖ **Teacher Support and Collaboration:** Teachers should be provided with ongoing support and collaboration opportunities to enhance their instructional practices in blended learning environments. This can include peer mentoring, professional learning communities, and access to online resources and training modules.

**Conclusion:** Blended learning holds immense potential to transform education by combining the best of traditional and online learning approaches.

**DAY 2**

**DATE: 19<sup>th</sup> September, 2023**

**Attended by: 21 Teachers**

**Designing Blended Learning**

**By: Prof. Jayashree Shinde**

**Technology Tools and Resources in blended learning**

**By: Prof. Manas Ranjan Panigrahi**

**Webinar Overview**

- ❖ **Designing Blended Learning:** Explain the process of designing a blended learning environment, including the following aspects:
  - Identifying learning objectives: Discuss the importance of aligning learning objectives with the chosen instructional strategies and technology tools.
  - Selecting appropriate instructional strategies: Explore various instructional strategies, such as flipped classrooms, project-based learning,

and collaborative activities, that can be integrated into the blended learning environment.

- Sequencing and structuring content: Discuss the importance of organizing content in a logical and coherent manner to facilitate learning progression.
- Assessing learning outcomes: Highlight the significance of incorporating formative and summative assessments to measure student progress and provide timely feedback.

❖ **Technology Tools in Blended Learning:** Examine the role of technology tools in supporting blended learning, including:

- Learning Management Systems (LMS): Discuss the features and benefits of using an LMS to deliver online content, track student progress, and facilitate communication and collaboration.
- Multimedia resources: Explore the use of multimedia resources, such as videos, interactive simulations, and virtual reality, to enhance engagement and understanding.
- Communication and collaboration tools: Highlight the importance of tools like discussion forums, video conferencing, and instant messaging in promoting interaction and collaboration among students and instructors.
- Adaptive learning platforms: Discuss the potential of adaptive learning platforms to personalize the learning experience by providing tailored content and assessments based on individual student needs.

❖ **Best Practices and Considerations:** Provide a list of best practices and considerations for designing blended learning environments, including:

- Ensuring accessibility and inclusivity for all learners.
- Providing technical support and training for both instructors and students.
- Regularly evaluating and updating the blended learning design based on feedback.

❖ **Technology Tools for Content Delivery:** The webinar focused on various technology tools that can be used for delivering content in blended learning environments. Examples included learning management systems (LMS), video conferencing platforms, and multimedia resources such as interactive videos and simulations.

❖ **Collaboration and Communication Tools:** The session emphasized the importance of collaboration and communication in blended learning. Participants were introduced to tools like discussion forums, online chat platforms, and collaborative document editing tools that facilitate interaction and engagement among learners

❖ **Assessment and Feedback Tools:** The webinar explored technology tools that can be used for assessing student learning and providing timely feedback. Examples included online quizzes, formative assessment tools, and learning analytics platforms that help track student progress.

- ❖ **Adaptive Learning Technologies:** The session highlighted the potential of adaptive learning technologies in blended learning. Participants were introduced to intelligent tutoring systems, personalized learning platforms, and adaptive assessment tools that can cater to individual learner needs.
- ❖ **Open Educational Resources (OER):** The webinar discussed the importance of open educational resources in blended learning. Participants were introduced to repositories of freely available educational content, such as OpenStax and Khan Academy, which can be integrated into blended learning courses.
- ❖ **Best Practices and Implementation Strategies:** The webinar concluded with a discussion on best practices for integrating technology tools and resources into blended learning environments. Strategies for effective implementation, professional development for educators, and considerations for accessibility and equity were shared. Conclusion: Participants gained a deeper understanding of how technology can support content delivery, collaboration, assessment, and personalization in blended learning environments.

### **DAY 3**

**DATE: 20<sup>th</sup> September, 2023**

**Attended by: 21 Teachers**

### **Assessment and feedback in Blended Learning**

**By: prof. Hrushikesh Senapaty**

#### **Key Discussion Points:**

**Importance of Assessment in Blended Learning:** The webinar emphasized the significance of assessment in blended learning environments. It was discussed that assessments should align with the learning objectives and be designed to measure both online and offline learning outcomes. The presenter also stressed the importance of formative assessments to provide timely feedback and support student progress.

- ❖ **Strategies for Assessing Blended Learning:** Various assessment strategies suitable for blended learning were explored. These included online quizzes, discussions, group projects, multimedia presentations, and reflective journals. The presenter emphasized the need for a variety of assessment methods to cater to different learning styles and preferences.
- ❖ **Providing Effective Feedback:** The webinar highlighted the role of feedback in enhancing student learning. The presenter discussed the importance of timely and constructive feedback, both from instructors and peers. They also emphasized the use of rubrics, technology tools, such as learning management systems, to facilitate efficient feedback delivery.

**Conclusion:** The webinar on blended learning - assessment and feedback provided valuable insights into the effective integration of assessment and feedback in blended learning environments.