



Netaji Subhas Open University

Centre for Internal Quality Assurance

In association with

Commonwealth Educational Media Centre for Asia

**Organized Two-Day Workshop
On**

**Implementation of Blended Learning Designs in
Higher Education Institutions of West Bengal**

**REPORT OF THE FIRST WORKSHOP
(20th May and 21st May 2023)**

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EXECUTIVE SUMMARY

The Collaborative Workshop on “Implementation of Blended Learning Designs in Higher Education Institutions in West Bengal” organized by **COMMONWEALTH EDUCATIONAL MEDIA CENTRE OF ASIA (CEMCA) & NETAJI SUBHAS OPEN UNIVERSITY (NSOU)** was conducted on 20/05/2023 & 21/05/2023 in the NSOU Headquarters, Salt Lake, Kolkata, West Bengal

The workshop was organized with the valued intent of a basic understanding of the core of Blended Learning designs and enhancing the capacity of the Higher Education Teachers functioning in the different colleges and universities of West Bengal, which also function as the Learner Support Centres of NSOU.

The workshop was implemented to satisfy the following objectives; -

- ✚ To make the participants appraised of the different models of Blended Learning
- ✚ To make the participants acquainted with the pedagogical interventions that are effective in the Blended Learning System
- ✚ To sensitize the participants regarding the requisite competencies that are essential for conducting the pedagogical interventions in Blended Learning System
- ✚ To apprise the participants regarding the relevant theories and models of Instructional Design that are instrumental in integrating Blended Learning into existing degree programs.
- ✚ To make the participants familiar with the Digital Tools that can effectively facilitate the learning process in the Blended Learning System
- ✚ To make the participants aware of the concept and benefits of OER, Copyrights, Licensing
- ✚ To facilitate the participants in creating/executing Blended Learning Design
- ✚ To facilitate the participants in evaluating the effect of Blended Learning through Result Chain Frameworks
- ✚ To identify and summarize the prospects and challenges of providing online/blended learning in the context of Higher Education Institutions in West Bengal.

NSOU & CEMCA deployed their concerted efforts in motivating the Higher Education Teachers from the various Colleges of West Bengal, to join the exclusive workshop for incurring experiential learning, collaborative learning, and discovery learning on the different nuances of Blended Learning.

The inaugural session was marked by the august presence of Prof. Chandan Basu, Hon'ble Vice Chancellor, NSOU, Dr. B. Shadrach, Director, CEMCA, Prof. Anirban Ghosh, Director-CIQA & Project Director, Prof. Arun Chakraborty, Head, DLIS, NSOU, Prof. Someswar Bhowmik, OIC, Centre for Online Education, NSOU, Mr. Purandar Sengupta, Facilitator of the workshop, Dr. Papiya Upadhyay, Project Coordinator & Assistant Professor of Education, NSOU and the participants from the different Higher Education Institutions of West Bengal.

The technical session initiated with a general discussion on Blended Learning. The Facilitators encouraged the participants to express their views and opinions regarding the significance of Blended Learning in the present educational context. The participants were also inspired by the Facilitators to share their practical experiences in conceptualizing, designing, and implementing Blended Learning in their institutions. The Inquiry-Based Facilitation technique adopted by the Facilitators played an instrumental role in eliciting spontaneous and proactive responses from the participants

After that, an effort was made to ensure the continuity of the theme of the discussion. The participants were sensitized to the different models of Blended Learning and the beneficial features of each model. The participants were encouraged to express their analytical and evaluative opinion regarding each of the models of Blended Learning.

Thereafter, in the following session, the participants were made apprised regarding the conceptual aspects as well as the beneficial outcome of Copyrights, OER, Licensing, E-Library, etc.

In the post-lunch session, the participants were made aware of the different learning models that are highly instrumental in the Blended Learning Ecosystem. Emphasis was placed upon the **Community of Inquiry Model (COI)** by Garrison, Anderson, and Archer. The Facilitators and the participants were involved in a critical discussion regarding the holistic approach of the **Community of Inquiry Model** as well as the discrete and specific significance of its components. The discussion fostered both convergent thinking as well as divergent thinking of the participants.

In the last session of the first day, strategic efforts were made by the Facilitators to ensure the cognitive engagement of the participants. The participants were asked to analyze and evaluate the teaching-learning dynamics as well as peer-mediated learning in some specific academic disciplines, within the framework of Blended Learning Ecosystem. The participants were encouraged to illustrate their objectives, resources, and activities. Eventually, they were inspired to enumerate the output and outcome of their executed activities

The Second Day of the workshop started with an elaborate discussion regarding the analytical and evaluative activities of the participants that were executed in the last session of the first day. Emphasis was placed upon the subtleties of the ascertained output and outcome of the activities as well as the Means of Verification (MoV) that were deployed for ascertaining the output and outcome of the activities pertaining to Blended Learning

In the next session, the participants were made familiar with some of the instrumental digital tools which are very effective for the teachers as well as for the learners in the synchronous and asynchronous learning period in the Blended Learning System

After that, an instrumental session was carried out for making the participants enlightened regarding the creation of online courses, the development of MOOCs in LMS, and the system followed in the Swayam Portal for creating the courses

The post-lunch session was earmarked for critical discussion on the theories and models of Instructional Design. The participants realized the justification of Instructional Design in designing the learning activities & experiences, as well as the result-focused learning materials for ensuring the conceptual elucidation of the learners

In the last session of the second day of the workshop, the participants were made aware of the different facilitation techniques, relevant to Blended Learning, through some demonstrative Role Plays. After the completion of each Role Play, the participants were encouraged to map the requisite competencies for carrying out each of the facilitation techniques that got enacted through a Role Play. The activities of the last session triggered ecstasy and hilarity among the participants.

The day ended with the distribution of certificates to the participants and eliciting verbal feedback from some of them. All the participants released their feedback regarding the program through an online link constructed by the organizing team.

Title of the Workshop: Implementation of Blended Learning Designs in Higher Education Institutions in West Bengal

Broad Objective of the Workshop: Intensifying the conceptual clarity of Higher Education Teachers on the intricacies and subtleties of the Blended Learning Ecosystem and enhancing their pedagogical proficiency in the framework of Blended Learning

Specific Objectives of the Workshop:

- ✚ To make the participants appraised of the different models of Blended Learning
- ✚ To make the participants acquainted with the pedagogical interventions that are effective in the Blended Learning System
- ✚ To sensitize the participants regarding the requisite competencies that are essential for conducting the pedagogical interventions in Blended Learning System
- ✚ To apprise the participants regarding the relevant theories and models of Instructional Design that are instrumental in integrating Blended Learning into existing degree programs.
- ✚ To make the participants familiar with the Digital Tools that can effectively facilitate the learning process in the Blended Learning System
- ✚ To make the participants aware of the concept and benefits of OER, Copyrights, Licensing
- ✚ To guide Higher Education Teachers in mapping the conceptual framework for developing MOOCs
- ✚ To facilitate the participants in creating/executing Blended Learning Design
- ✚ To facilitate the participants in evaluating the effect of Blended Learning through Result Chain Frameworks
- ✚ To identify and summarize the prospects and challenges of providing online/blended learning in the context of Higher Education Institutions in West Bengal.

Number of Participants: 81

Male: 58 Female: 23

Methodology: The workshop was conducted through the following methods; -

- ✚ Presentation
- ✚ Deliberation
- ✚ Group discussion
- ✚ Brainstorming
- ✚ Role-playing
- ✚ Hands-on activities
- ✚ Designing of Creative Activities
- ✚ Analytical & Evaluative Exercises
- ✚ Self-Assessment & Feedback

INAUGURAL SESSION: The inaugural session was marked by the august presence of **Prof. Chandan Basu**, Hon'ble Vice Chancellor, NSOU, **Dr. B. Shadrach**, Director, CEMCA, **Prof. Anirban Ghosh**, Director-CIQA & Project Director, **Prof. Arun Chakraborty**, Head, DLIS, NSOU, **Prof. Someswar Bhowmik**, OIC, Centre for Online Education, NSOU, **Mr. Purandar Sengupta**, Facilitator of the workshop, **Dr. Papiya Upadhyay**, Project Coordinator & Assistant Professor of Education, NSOU and the participants from the different Higher Education Institutions of West Bengal.

Prof. (Dr.) Anirban Ghosh portrayed the contextual background of the workshop and greeted the participants with his convivial welcome address. In his welcome address, Prof. Ghosh illustrated the sustained collaboration between CEMCA and NSOU in the implementation of different outcome-oriented projects for enhancing the capacity of the teachers of higher education in West Bengal through multifarious outcome-oriented interventions over the last decade or so. He affirmed that one of the pivotal objectives of all collaborative projects was to foster the accessibility of the learners to quality academic content.

Prof. (Dr.) Chandan Basu, the Honourable Vice-Chancellor of NSOU, formally inaugurated the workshop. He conveyed profound gratitude to CEMCA for the sustainable collaboration with NSOU. He portrayed the paradigm shift in the arena of higher education and vehemently advocated the judicious blend of traditional wisdom with cutting-edge technological innovations



Prof. (Dr.) Bhowmik shared highly valued anecdotes illustrating the blend of audio-visual inputs with classroom-based learning activities. This blend leads to an exceptional level of conducive experience for the learners. Eventually, the learners elicit diversified learning inputs from the experience and complete the cycle of experiential learning.



Dr. Shadrach, the Hon'ble Director of CEMCA, graced the inaugural session as the keynote speaker. His keynote address reiterated the views of the earlier speakers and portrayed his panoramic vision of fructifying the concept of blended learning in the Indian context. He bestowed his credence on NSOU's mission of taking up the task of empowering teachers through Blended Learning approaches and methods. He congratulated the project team for framing the outcome-oriented program and the seamless program coordination. He wished the two-day workshop a magnificent accomplishment.

Dr. Papiya Upadhyay proposed the motion of thanks to close the opening ceremony. The workshop progressed through the technical sessions as scheduled.

TECHNICAL SESSIONS: FIRST DAY

First Session: The Human Process -Facilitator -- Mr. Purandar Sengupta initiated a general discussion on Blended Learning. He encouraged the participants to express their spontaneous views and opinions regarding the significance of Blended Learning in the present educational context. The participants were also enthused by him to share their practical experiences in conceptualizing, designing, and implementing Blended Learning in their institutions. He adopted the technique of Inquiry-Based Facilitation which played an instrumental role in eliciting spontaneous and proactive responses from the participants

Second Session: This session was orchestrated by Dr. Papiya Upadhyay with seamless precision. She made the participants apprised of the internationally validated models of Blended Learning and vividly illustrated the beneficial features of each model. Eventually, she inspired the participants to express their analytical and evaluative opinion regarding each of the models of Blended Learning, as explained by her.

Third Session: The session was of considerable significance from the perspective of Blended Learning. Prof. (Dr.) Anirban Ghosh and Prof. (Dr.) Arun Chakraborty enlightened the participants regarding the conceptual aspects as well as the beneficial outcome of Copyrights, OER, Licensing, E-Library, etc. The participants endorsed that OER and E-Library are immensely valuable for remote learners. Some of the participants also opined that These learning resources are of instrumental importance in the Asynchronous learning phase of Blended Learning, when the learners are engaged in self-learning actively.



Fourth Session: This session was conducted jointly by Dr. Papiya Upadhyay and Mr. Purandar Sengupta. They facilitated the participants to construe the beneficial features of the different learning models that are highly contributory to the Blended Learning Ecosystem. They placed emphasis on the Community of Inquiry Model (COI) framed by Garrison, Anderson, and Archer. The Facilitators inspired the participants to carry out critical discussions regarding the holistic approach of the Community of Inquiry Model as well as the discrete and specific significance of its components. The Facilitator-mediated-discussion fostered both convergent thinking as well as divergent thinking among the participants.

Fifth Session: The session was conducted by Dr. Papiya Upadhyay and Mr. Purandar Sengupta. Strategic efforts were made by the Facilitators to ensure the cognitive engagement of the participants. The participants were asked to analyze and evaluate the teaching-learning dynamics as well as peer-mediated learning in some specific academic disciplines, within the framework of Blended Learning Ecosystem. The participants were encouraged to illustrate their objectives, resources, and activities. Eventually, they were inspired to enumerate the output and outcome of their executed activities

TECHNICAL SESSIONS: SECOND DAY

Sixth Session: The session was conducted by Dr. Papiya Upadhyay and Mr. Purandar Sengupta. The session started with an extensive discussion regarding the analytical and evaluative activities of the participants that were executed in the last session of the first day. The participants were enabled by the Facilitators to achieve conceptual clarity regarding the output and outcome of the activities as well as the Means of Verification (MoV) that were administered for measuring the output and outcome of the activities pertaining to Blended Learning



Seventh Session: The session was conducted by Dr. Shaunak Roy, Assistant Professor of Management Studies, Saint Xavier's College, Kolkata. He enlightened the participants regarding some of the instrumental digital tools which are very effective for the teachers as well as for the learners in the synchronous and asynchronous learning periods of the Blended Learning System. His pedagogy was characterized by resourceful lectures and vibrant demonstrations. His strategy of ensuring the judicious combination of auditory and visual stimuli triggered interest among the participants and prevented the emergence of cognitive load within them.

Visit to the A-V studio: A visit to the Audio-Video studio at NSOU was arranged for the participants. Prof. Anirban Ghosh coordinated the visit deftly and demonstrated the nitty gritty of the production unit.



Eighth Session: The session was conducted by Prof. (Dr.) Anirban Ghosh and Prof. (Dr.) Arun Chakraborty. By virtue of their highly resourceful lecture, they enlightened the participants regarding the creation of online courses, the development of MOOCs in LMS, and the system followed in the Swayam Portal for creating the courses. The factual and

authentic inputs delivered by the two Subject-Specialists enhanced the cognitive proficiency of the participants.



Ninth Session: The session was conducted by Dr. Papiya Upadhyay and Mr. Purandar Sengupta. The Facilitators meticulously explained the theories and models of Instructional Design that are relevant to the Blended Learning System. The participants realized the logical rationale of deploying Instructional Design while designing the learning activities & experiences, as well as composing the result-focused learning materials for ensuring the conceptual elucidation of the learners

Tenth Session: The last session of the workshop was conducted by Dr. Papiya Upadhyay and Mr. Purandar Sengupta. In this session, the participants were apprised of the different facilitation techniques, relevant to Blended Learning, through some demonstrative Role Plays. After the completion of each Role Play, the participants were inspired to enumerate the requisite competencies for executing each of the facilitation techniques that got presented through a Role Play. The activities of the last session fomented and reinforced joyful learning among the participants.



RESULT CHAIN OF THE EIGHT SESSIONS

SESSION	OUTPUT	OUTCOME
First Session	Through open discussion, each participant got aware of the other participant's concepts and their implemented projects on Blended Learning.	It is expected that each of the participants will be able to recall, comprehend, and apply the multifarious beneficial features of Blended Learning as shared by the other participants in the workshop

	Thus, the cognitive proficiency of each participant pertaining to Blended Learning got enhanced due to open discussion and seamless exchange of relevant experiences.	
SESSION	OUTPUT	OUTCOME
Second Session	The participants got enlightened by the globally standardized models of Blended Learning	The participants are expected to recall, comprehend and apply the internationally validated models of Blended Learning
SESSION	OUTPUT	OUTCOME
Third Session	The participants got apprised of the concept and beneficial features of OER, E-Library, Copyright, Licensing, etc.	The participants are expected to teach their learners proficiently and make the learners endowed with knowledge of OER, E-Library, Copyright, and Licensing They are also expected to play contributory roles in the projects of developing OER & E-Library in their institutions

SESSION	OUTPUT	OUTCOME
Fourth Session	The participants have got vivid exposure to the Community of Inquiry Model (COI), which is instrumentally beneficial in the framework of Blended Learning	It is expected that the participants will be able to ensure judicious deployment of the Community of Inquiry (COI) model and enhance the cognitive proficiency & socializing capacity of their learners.

SESSION	OUTPUT	OUTCOME
Fifth Session	The participants have acquired the competency of analysing and evaluating the Blended Learning Projects	It is expected that in the future the participants will be able to recall, comprehend and apply their acquired competency of analysing and evaluating Blended Learning Projects and various other learning initiatives.

SIXTH SESSION was the continuation of the FIFTH SESSION

SESSION	OUTPUT	OUTCOME
Seventh Session	The participants understood the beneficial features of the different digital tools and got sensitized regarding the mechanism of applying these instrumental digital tools	The participants are expected to deploy the digital tools judiciously for engaging their learners and facilitating the learners in the process of knowledge and skill acquisition
SESSION	OUTPUT	OUTCOME
Eighth Session	The participants have gained knowledge on the creation of online courses, developing MOOCs in the LMS, and the procedural formalities that are being followed in the SWAYAM Portal.	It is expected that the learners will be able to retain their acquired knowledge, comprehend the intricacies of knowledge, and apply the knowledge judiciously for empowering their learners

SESSION	OUTPUT	OUTCOME
Ninth Session	The participants have gained knowledge of the theories and models of Instructional design that are relevant to Blended Learning	The participants are expected to design effective learning activities as well as instrumental self-learning materials, while they are functioning in the Blended Learning System

SESSION	OUTPUT	OUTCOME
Tenth Session	The participants have got vivid exposure to Facilitation Techniques that were presented in the workshop through Role Plays.	It is expected that in the future, the participants will be able to enable their learners in the process of conceptual elucidation by the judicious deployment of Role Play and other Facilitation techniques that are relevant and effective in the Blended Learning Ecosystem

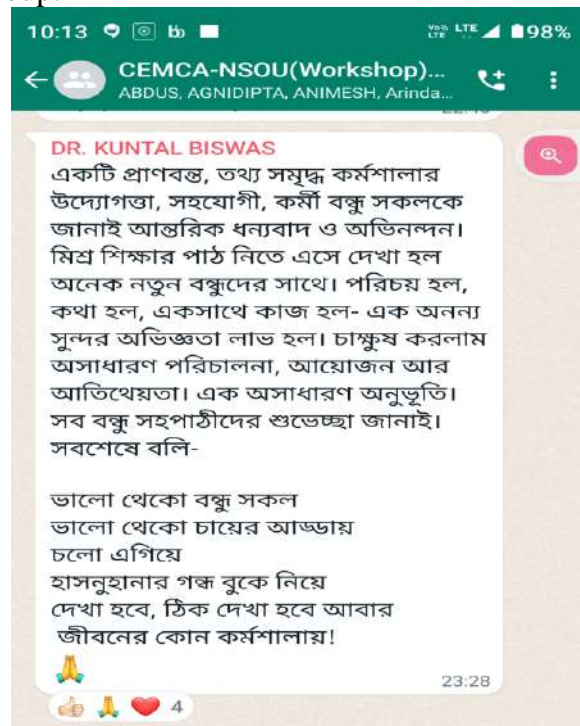
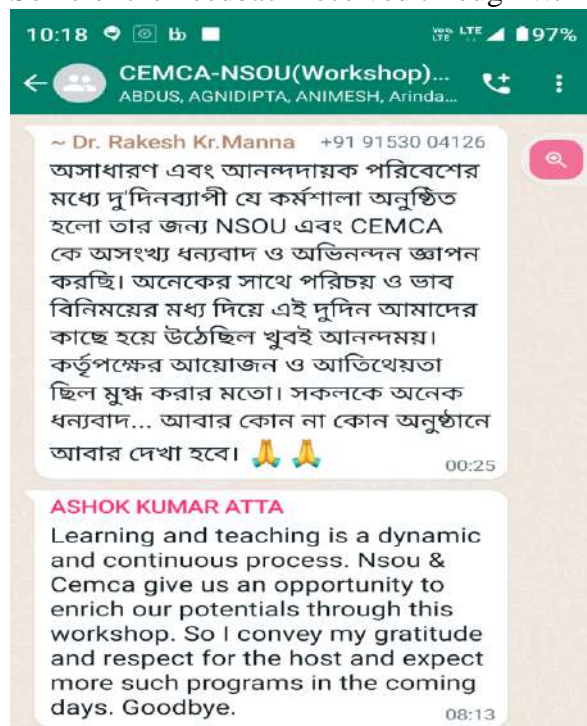
CONCLUSION:

The program witnessed spontaneous participation and deep cognitive engagement of the participants. The Facilitators made conscious efforts to ensure the continual mindfulness of the participants and inspired them to analyse and evaluate the learning inputs presented in the workshop.

The focus of the workshop was to intensify the higher-order cognitive skills of the Cognitive Taxonomy of Anderson & Krathwohl. Accordingly, the Facilitators were instrumental in fostering the analytical, evaluative, and creative competencies of the participants.

The appreciation fetched from the participants indicated the success of the workshop.

Some of the Feedback received through W/A group:



Programme Schedule

DAY 1 (20/05/2023, Saturday)

Time	Activities/Sessions	
9.30AM–10.00AM	Registration	
10.00AM–10:55 AM: Inaugural Session		Speakers
10.00 AM	Welcome & Introduction to the Project	Professor Anirban Ghosh, Project Director
10.05 AM	Inaugural Address	Professor Chandan Basu Hon'ble Vice-Chancellor, NSOU
10.15 AM	Special Address	Prof. Someswar Bhowmik OIC, COEdn, NSOU
10.25 AM	Keynote Address	Dr. B. Shadrach Director, CEMCA-COL
10:55 AM	Vote of Thanks	Dr. Papiya Upadhyay Project Coordinator
Time	Sessional Activities	Facilitators
11.00AM–	Session 1: Generic understanding of Blended Learning (BL)	Prof. Anirban Ghosh Dr. Papiya Upadhyay Mr. Purandar Sengupta
11.50AM	Session 2: Methods of Blended Learning; Blended Learning Designs & Policy Templates	
12.50PM	Session 3: Understanding Copyrights, OER & Licensing	Prof. Arun Chakraborty
Activities: Self-Assessment		
1.35PM–2.00PM	Lunch	
2.00PM	Session 3: Blended Learning Ideas emanating from Institutional to Individual Level; Instructional Designs and Competence for BL facilitation (Tricks & Traits)	Mr. Purandar Sengupta Dr. Papiya Upadhyay
3.45PM	Session 4: Situational Analysis of BL in the daily lives	Dr. Papiya Upadhyay Mr. Purandar Sengupta
Activities: Points to Ponder		
5.00 PM	Day Closes with Tea	

DAY 2 (21/05/2023, Sunday)

Time	Sessional Activities	Facilitators
10.30AM–10:45AM	Recapitulation & Summary of Day-1 with Tea	Participants & Project Team
10.50 AM	Session 5: Future of BL: Role of Technology in Education (Learner Centric MOOC Pedagogy [LCM], synchronous & asynchronous learning environment etc. Interactive Presentation Tools & e-Assessment Tools, creating learner centric video lectures, AR, AI, etc)	Dr. Shaunak Roy

12.05PM	Session 6: Demonstration of Model LMS, SWAYAM, Inflibnet, e-libraries, etc. Visit to the Production unit (AV studio, etc.)	Prof. Anirban Ghosh Prof. Arun K Chakrabarty
Activity: Sticky Notes		
1.30 PM	Lunch	
2.00 PM	Session 7: Development of Action Plan (BL course design template)	Prof. Anirban Ghosh Mr. Purandar Sengupta Dr. Papiya Upadhyay
3.15 PM	Wrapping up & Valediction	Project Team

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