

## **AIU-VGU-AADC: Faculty Development Programme: “Pravaah”**

### **FDP-II: Integrating Technology to Teaching & Learning Pedagogy**

#### **Report**

The 7-day Faculty Development Programme (FDP) titled "**Integrating Technology to Teaching & Learning Pedagogy**" was the second FDP under the PRAVAH FDP Series. Organized by the Association of Indian Universities-Vivekananda Global University-Academic & Administrative Development Centre (AIU-VGU-AADC), the event took place online from 1st to 8th February 2024 and around 75 participants from different states of the country participated in the FDP.

#### **Day 1 - Inaugural Session:**

The Faculty Development Program (FDP) on Integrating Technology to Teaching and Learning Pedagogy commenced with an inaugural ceremony marked by esteemed dignitaries and enthusiastic participants. The event aimed to explore innovative ways of incorporating technology into teaching methodologies for enhanced learning outcomes.

**Prof. Vijay Vir Singh**, President, VGU, extended a warm welcome to all attendees. His words resonated with a shared commitment to fostering educational innovation. Prof. Singh's address set an inclusive atmosphere, encouraging collaborative engagement throughout the FDP.

**Prof. Mona Khare**, Director of Madan Mohan Malviya Teacher Training Centre at NEIPA, New Delhi, graced the event as the Chief Guest. Prof. Khare delivered an inspiring address that emphasized the pivotal role of technology integration in reshaping contemporary educational paradigms. She articulated the imperative for educators to adapt to the evolving needs of learners in the digital age, drawing particular attention to the transformative potential of the National Education Policy (NEP). Prof. Khare underscored the importance of fostering inclusive, learner-centered environments that leverage technology to enhance access, engagement, and outcomes for diverse student populations.

Mr. Aseem Purohit provided an overview of the FDP, outlining its structure, objectives, and expected outcomes. His introduction highlighted the significance of leveraging technology to enrich teaching and learning experiences in contemporary educational settings.



## Day 2 - Foundations of Pedagogy and Technology Integration:

**Dr. Ruchika Gupta**, Professor at Chandigarh University, Punjab, led an engaging session on the foundational principles of pedagogy and technology integration. Through thought-provoking discussions and interactive activities, Dr. Gupta elucidated the symbiotic relationship between effective communication and successful teaching-learning experiences. She underscored the importance of cultivating empathetic, student-centred approaches that

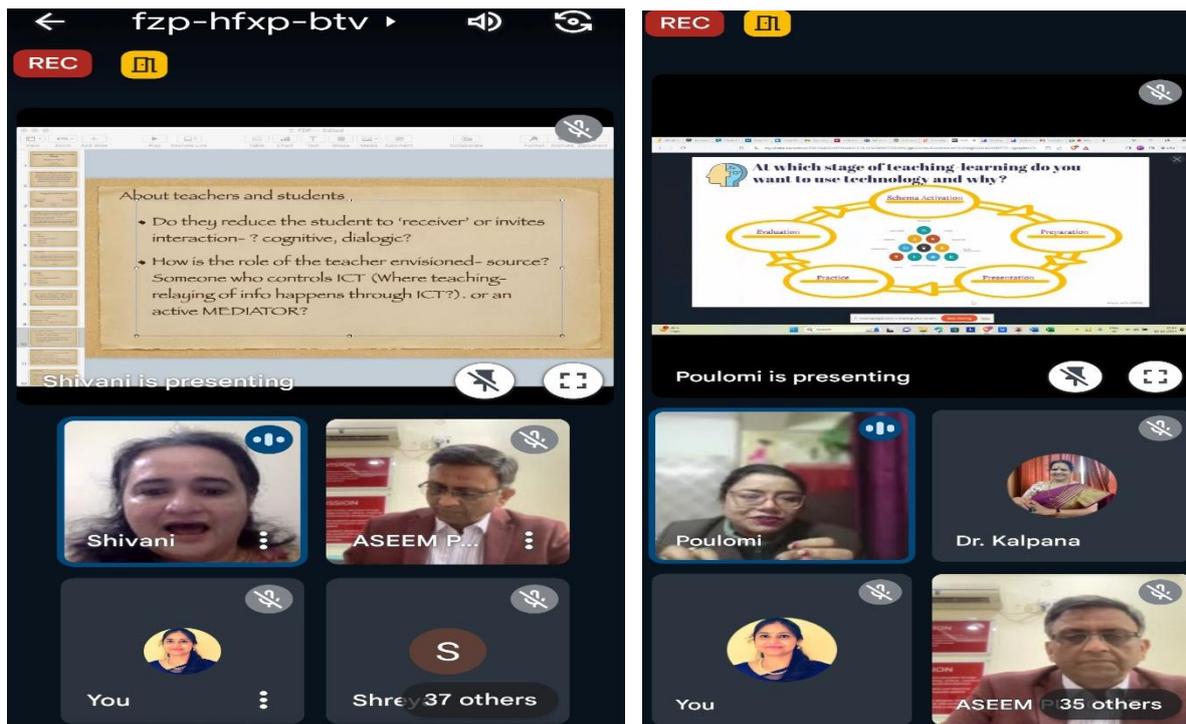
prioritize active listening, clarity, and authenticity in communication. Participants delved into practical strategies for fostering meaningful dialogue, cultivating critical thinking skills, and promoting collaborative inquiry in technology-enhanced learning environments.



### Day 3 - Strategies for Integration:

**Dr. Shivani Nag**, Assistant Professor, Ambedkar University, Delhi, in her session focused on practical strategies for seamlessly integrating technology into teaching and learning pedagogy. Drawing upon research-based insights and real-world examples, Dr. Nag elucidated the importance of strategic planning, curriculum alignment, and ongoing assessment in optimizing technology-enhanced learning experiences. Participants gained practical insights into designing authentic assessments, leveraging multimedia resources, and fostering collaborative learning environments through digital platforms.

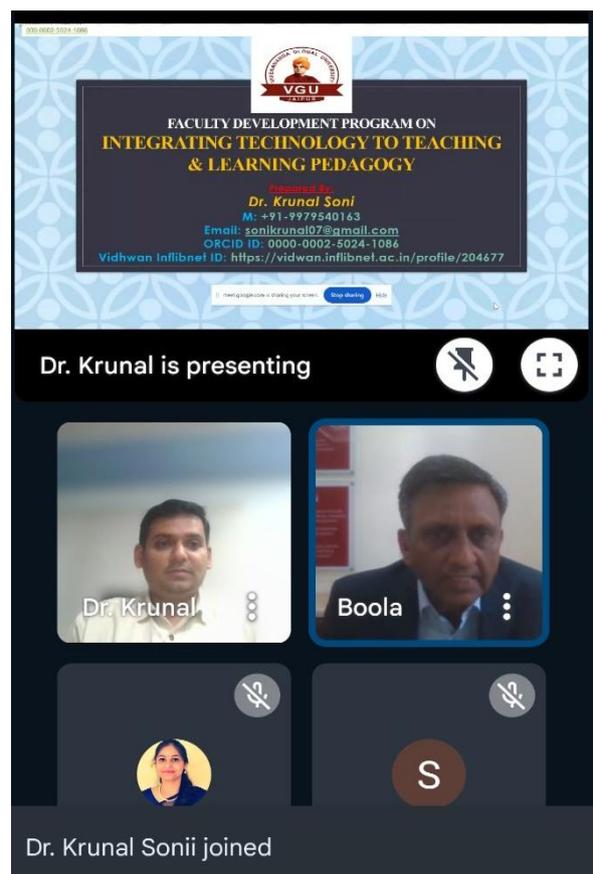
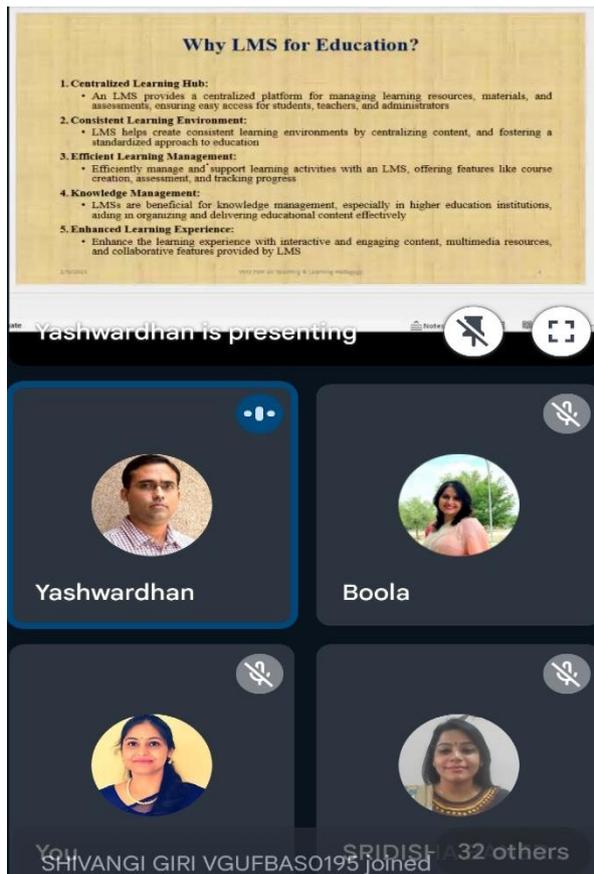
Additionally, **Dr. Poulomi Das**, Assistant Professor, O.P. Jindal University, Haryana, showcased successful examples of technology-enhanced teaching practices, illustrating how innovative pedagogical approaches can enhance student engagement, critical thinking, and knowledge retention. Through case studies and interactive demonstrations, participants explored diverse instructional strategies, digital tools, and multimedia resources that promote active learning and creativity in the classroom. Dr. Das underscored the importance of learner-centred approaches and ongoing professional development in nurturing effective teaching practices amidst evolving technological landscapes.



#### **Day 4 - E-Resource Development Workshop:**

**Mr. Yashwardhan Singh**, Assistant Professor, St. Xavier's College Jaipur, during his session provided participants with hands-on experience in e-resource creation and utilization. Through guided tutorials and collaborative activities, participants learned to design interactive multimedia presentations, develop engaging learning modules, and integrate digital resources into existing curricula. Mr. Singh highlighted the potential of Learning Management Systems (LMS), Google Classroom, and other educational platforms in facilitating personalized learning experiences and fostering learner autonomy. Participants also explored strategies for assessing the effectiveness of e-resources, soliciting student feedback, and iteratively refining instructional materials based on learner needs and preferences.

**Dr. Krunal Soni**, Associate Professor, GSFC University, Vadodara, in his session on Moodle and MOOCs offered practical insights into leveraging open educational resources and digital learning platforms to enhance teaching and learning outcomes. Participants gained proficiency in navigating Moodle's features, designing interactive course modules, and facilitating online discussions and collaborative activities. Dr. Soni emphasized the importance of learner engagement, accessibility, and inclusivity in designing MOOCs and blended learning environments, encouraging participants to explore innovative instructional strategies and adapt them to diverse educational contexts.



### Day 5 - Overcoming Challenges in Integration:

Day 5 was dedicated to addressing the numerous challenges and opportunities associated with integrating technology into teaching and learning pedagogy. **Dr. Nikhil Rajput**, Department of Computer Science, Ramanujan College, Delhi, led a thought-provoking session on strategies for overcoming barriers and fostering innovation in educational practice. Dr. Rajput explored the intersection of technology, pedagogy, and student engagement, offering practical insights into leveraging digital tools and platforms to create immersive, interactive learning experiences.

**Prof. B. Spoorthi**, Assistant Professor at HSS, NIT Warangal, followed with an enlightening exploration of the theoretical foundations and pedagogical approaches underpinning technology integration. Prof. Spoorthi illuminated the theoretical frameworks that inform effective instructional design, highlighting the importance of aligning pedagogical goals with technological affordances. Participants gained a deeper understanding of constructivist, collaborative, and inquiry-based learning models, exploring how emerging technologies can facilitate active engagement, knowledge construction, and reflection in virtual environments.

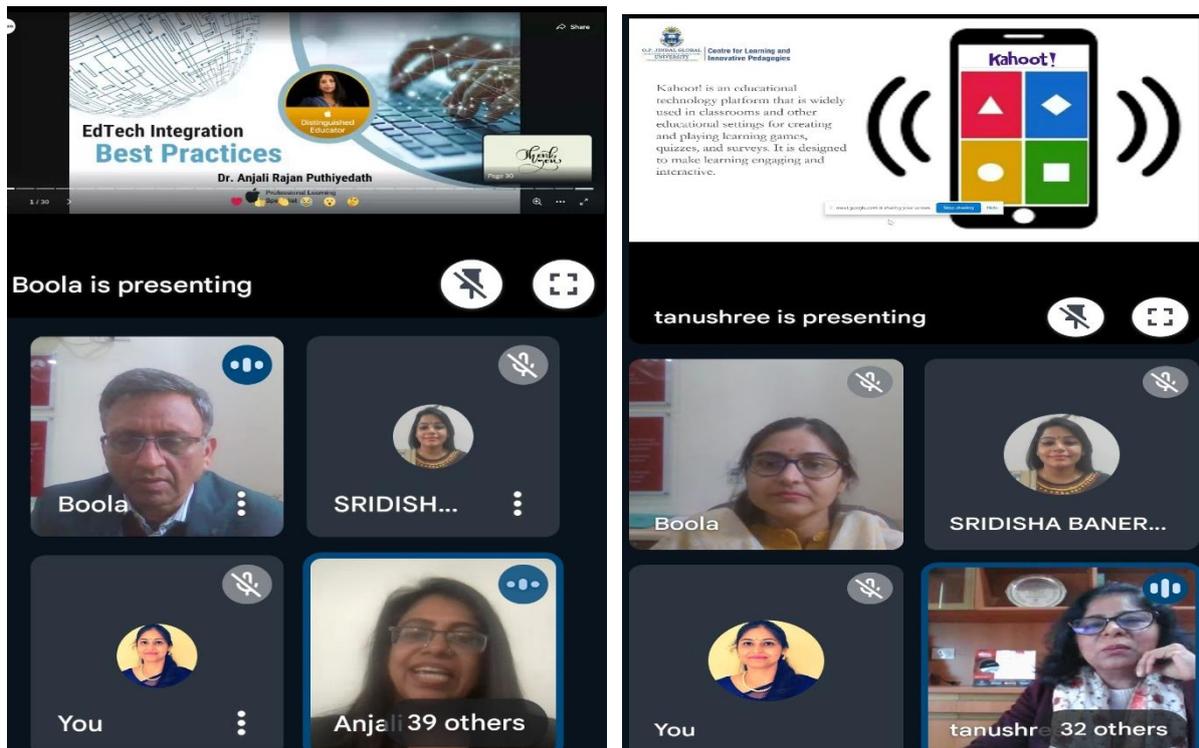


### Day 6 - Best Practices and Implementation:

The second last day of the FDP was dedicated to showcasing best practices and strategies for effective implementation of technology integration initiatives. **Dr. Anjali Rajan**, Apple Distinguished Educator, captivated participants with her insights into leveraging technology to enhance teaching and learning experiences. Dr. Rajan shared exemplary case studies and success stories from her own professional journey, illustrating how innovative pedagogical approaches and digital tools can foster creativity, collaboration, and critical thinking skills among learners. Participants gained practical insights into designing authentic learning experiences, leveraging digital portfolios, and cultivating a culture of inquiry and experimentation in their classrooms. Dr. Rajan's session ignited participants' passion for transformative teaching practices, inspiring them to harness the power of technology to unlock new opportunities for student engagement and achievement.

**Prof. (Dr.) Tanushree Sharma**, Executive Director of the Centre for Learning and Innovative Pedagogies (CLIP) at OP Jindal Global University, followed with an insightful exploration of implementation strategies and action planning for technology integration. Prof. Sharma outlined practical steps for developing robust implementation plans, fostering stakeholder buy-in, and evaluating the impact of technology-enhanced learning initiatives. Participants engaged in collaborative brainstorming sessions and scenario-based simulations, identifying key challenges and opportunities in their respective contexts, and formulating actionable strategies for success. Prof. Sharma's session empowered participants to become agents of change in their

educational communities, equipped with the knowledge and skills to lead meaningful transformation through effective pedagogy and technology integration.



### Day 7: Valedictory Session:

The valedictory session of the Faculty Development Program (FDP) on Integrating Technology to Teaching and Learning Pedagogy culminated with a sense of accomplishment and enthusiasm among participants.

**Fr. Dr. S. Xavier SJ**, Principal St. Xavier's College, Jaipur, and chief guest of valedictory session of the FDP delivered an insightful address during the session. Drawing from his extensive experience and real-life encounters as an academician, Fr. Dr. Xavier provided profound perspectives on the challenges faced by educators in integrating technology into teaching methodologies. He elucidated the UGC guidelines for incorporating technology into teaching practices, offering practical strategies and solutions to navigate through the evolving landscape of education. Fr. Dr. Xavier's emphasis on the importance of publications and scholarly contributions in advancing academic discourse underscored the vital role of research in educational institutions. His session provided a comprehensive understanding of the intricate nuances involved in leveraging technology to enhance teaching and learning outcomes.

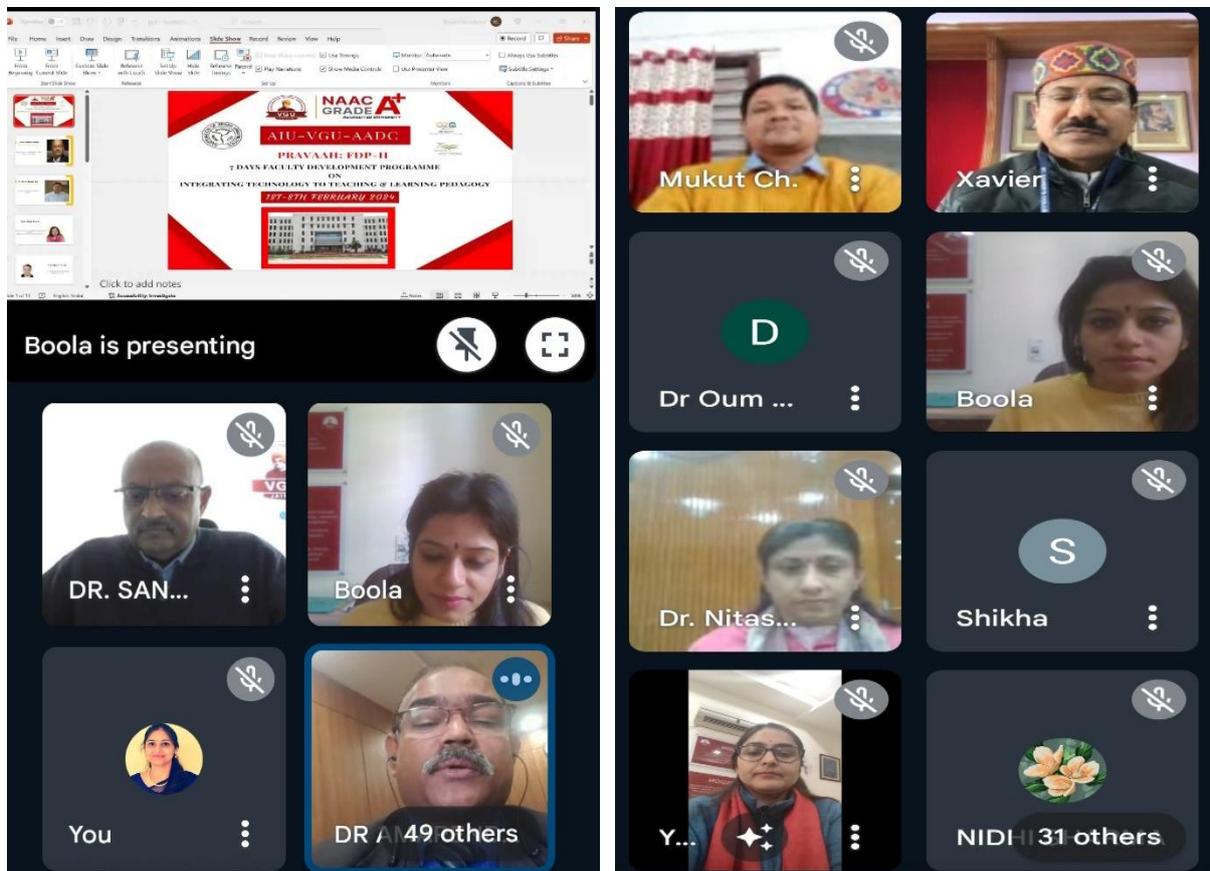
**Prof. Santosh Kumar**, in his valedictory welcome address, expressed gratitude to all participants, speakers, and organizers for their unwavering commitment and active

participation throughout the FDP. His words encapsulated the spirit of collaboration and camaraderie that defined the essence of the program.

**Dr. Amarendra Pani**, Secretary Research of AIU & Director, AIU-AADC (Association of Indian Universities - Academic & Administrative Development Centre), delivered an illuminating address, acquainting the participants with the overarching aims and objectives of the AIU-AADC. His insights shed light on the strategic initiatives aimed at advancing academic research and pedagogical practices across institutions.

Mr. Aseem Purohit, read the report of the FDP. Dr. Boola Choudhary delivered the vote of thanks, extending heartfelt appreciation to all individuals who contributed to the success of the FDP.

Dr. Oum Kumari and Dr. Nitasha Khatri, participants of the FDP, provided positive feedback on the overall conduct and content of the program. They commended the proficiency and articulation of the speakers, highlighting the relevance and practicality of the sessions. Dr. Kumari and Dr. Khatri's feedback underscored the outstanding quality and organizational excellence that characterized the FDP.





In conclusion, the Faculty Development Programme on "Integrating Technology to Teaching & Learning Pedagogy" was a resounding success, fostering collaboration, innovation, and professional growth among participants. Over the course of seven enriching days, educators gained practical insights, hands-on experience, and actionable strategies for leveraging technology to enhance teaching and learning outcomes. The FDP served as a catalyst for transformative change, inspiring participants to embrace emerging technologies, cultivate inclusive learning environments, and empower students to thrive in the digital age.