

**Faculty Development Program (FDP)**  
**Modern teaching Pedagogy and Trends in ICT Based Learning with advances in**  
**Technology and Industry 4.0 Perspective**

Association of Indian Universities (AIU) – Presidency University, Bengaluru (PU) – Academic and Administrative Development Centre (AADC) organised Eight Days Online Faculty Development Programme (FDP) in association with Teaching and Learning Centre (TLC), PU on “Modern teaching Pedagogy and Trends in ICT Based Learning with advances in Technology and Industry 4.0 Perspective” from 20-27 February 2023 wherein Seventy Six ( 82) faculty members registered for this FDP from various part of India.

Education expands and transforms when new ideas, methods, and practices occur in the classroom. Modern pedagogy incorporates strategies to enhance the overall education experience. Blended/ hybrid learning are two key elements that have recently contributed developing new pedagogy. With so much transformation in the education space, it can take time to see a clear picture of modern pedagogy and what it means, especially for school districts with limited resources and availability to implement change

Modern teaching pedagogy form a part of a mass educational reform, brought on by the advent of technology and the need to not only educate but also inspire and generate curiosity. This has resulted in the need to modify the traditional style of teaching in such a manner that the new teaching methods are demonstrative, explanatory and practical. These new teaching techniques involve a style of teaching that focuses on cognitive thinking and the development of new patterns of learning. In modern education methods, the student is central to curriculum designing and lesson planning. The teacher acts as a facilitator, paving the way for the student to learn, by providing the necessary resources and support. New teaching techniques and modern learning methods have been found effective in schools and on a higher education level as well.

In view of above, a Eight days Faculty Development Program (FDP) on “Modern teaching Pedagogy and Trends in ICT Based Learning with advances in Technology and Industry 4.0 Perspective” is being organised by Presidency University, Bengaluru under the flagship of Association of Indian Universities & Academic And Administrative development Centre, from 20th - 27th February 2023 in virtual mode.

The Chief Guest for the inaugural ceremony Dr. Amarendra Pani, Joint Director & Head, Research Division, Association of Indian Universities, New Delhi, Convenor of FDP, Mr. Asif Mohamed, Dr. Mohammed Sameeruddin Khan, Dean School of CSE and IS, Presidency University along with the participants witnessed the proceedings of the inauguration.

Dr. Amarendra Paani, Joint Director & Head, Research Division, Association of Indian Universities, New Delhi, in his address highlighted how a teacher cannot be ignorant on use of technology. He brought out the significance of awareness and training of all the educators in this regard and appreciated that this FDP is a right step taken in this direction. He enlightened the participants regarding the power of technology in enhancing knowledge, enabling teachers to teach from labs, classrooms, online and the ways in which integration of technology in university has changed the spectrum of teaching and learning.

The welcome address was delivered by Mr. Asif Mohamed, wherein he focused on how technology is entering all spheres of life and it is high time for a teacher to be updated about

the same. He also expressed that experts in the field of education have been invited to add value to the sessions and the participants are going to have productive learning.

The inaugural session concluded with a vote of thanks from Dr. Preethi, where she shared that it was quite a thought provoking and enriching session as they could listen to the first-hand experiences from the leading educators in India.

Prof Mohammed Sameruddin Khan, Dean School of Computer Science and Information Science, Presidency University started the first session on topic “Modern teaching Pedagogy and Revised Bloom’s Taxonomy” He shared that Revised Bloom’s taxonomy emphasizes the student’s learning outcomes with the help of refined terms. It examines cognitive skills and learning behavior. The revised approach of Bloom’s taxonomy is subjected to changes in terminology and structure. Here, different skills and objectives are set by educators for their students. Revised Bloom’s taxonomy offers an emphasis on two learning domains – cognitive knowledge, and affective attitude, which makes the educational objectives. For a revised approach, nouns such as evaluation and synthesis have been replaced with verbs such as evaluating and creating. The students encounter these verbs, which is a cognitive process, and the knowledge that they work with.

Prof Clara Kanmani Professor, School of CSE started 2<sup>nd</sup> day session on topic “Activity Based Learning. She shared that Through Activity based learning, learners actively participate in the whole process to build their knowledge and sharpen their skills; this is also termed as a constructivist approach. On the other hand, the mentor or teacher only leads them and guides them to focus on the objectives of the subject. This is all done by engaging in activities and by adopting innovative modern teaching techniques. New demand of the era or the need of the hour for students is to embrace the contemporary teaching methods which will also help in reducing the competition among the students, promote cooperation, and boost the health study environment

Prof Parashuram Baraki, Vice Principal, SKVACET, Laxmeshwar, Karnataka started 3rd day session on topic “Innovative Teaching Practices”. He shared that learning assistance, learning environment and learning material play the important role in blended learning. The course content and learning outcome are the fixed areas, only usage of effective designs can lead to good learning outcomes.

Prof Shilpa Mehta, Dean-Academics, Presidency University, Dr. Brijesh Nair, Director IR, OP Jindal University, Dr. Mohammed Rafi, Professor, UBDTCE, Karnataka and Dr. Narasimha Raju, Professor, School of Management, Presidency University shared their vast knowledge and experience of Modern Teaching pedagogy and applications for the benefit of the Teaching Fraternity.

After the session, Mr. Asif Mohamed, Head-TLC and Nodal Office AADC, Presidency University took the platform to summarize the 8 days of FDP on “Modern teaching Pedagogy and Trends in ICT Based Learning with advances in Technology and Industry 4.0 Perspective”. He summarizes the FDP session of each day by giving a brief insight about each session topic that has been seasoned in whole 8 days by the session resource person. He showed the gratitude towards all the resource person to grace the 8 days FDP with their valuable presence and shared their wisdom on this changing and evolving area in teaching and how it will impact on teaching and learning. He thanked the Management, organisers and faculty members of Presidency

University who have shown active participation throughout the 8 days to make this event a huge success. He also shows appreciation to all the participants who joined this 8day FDP session and shown a great participation on virtual platform.