A Report on Five Days Faculty Development Programme
on
'Effective Teaching through Modern Technologies' (4 to 8 March, 2024)
Organized by
AIU-Integral University –Academic & Administrative Development Centre
(AIU- IU – AADC)

Greetings from AADC, Integral University

Dear all,

It is a matter of great honour that Integral University (IU) has been granted a Centre for Academic and Administrative Development Centre (AADC) by the Association of Indian Universities (AIU). The primary objective of the centre is to organize advanced, short-term training and capacity-building programs for faculty members and administrative staff across universities and other higher education institutions (HEIs).

AIU- IU AADC organised its first Faculty Development Program on "Effective teaching through Modern Technology" from 04/03/2024 to 08/03/2024, through **ONLINE** Mode.

"The best preparation for tomorrow is doing your best today." With this thought in mind commenced the AIU-Integral University- Academic and Administrative Development Centre (AIU-IU-AADC) Five Days FDP on Effective Teaching through Modern Technologies.

The five-day Faculty Development Program yearned to keep the faculty members abreast with Modern Technologies most relevant in the present time, thus reforming the effective teaching practices in all the disciplines and shaping the participants into becoming the pillars of a much more desirable and candescent tomorrow.

The first day of the event of the FDP was on 4th March 2024 and the day started with the inauguration of the event, welcome address, and overview of the Training. Mr. Zishan Raza Khan, Dy. Director, HRDC Integral University and Nodal Officer AADC-IU briefed the participants about the roles and responsibilities of AADC and discussed the functioning of the centre. Dr Amrendra Pani, Joint Director and Head of Research Division, AIU addressed the participants by elaborating on the history and works done by the Association of Indian Universities (AIU) for the upliftment of Faculty members of Higher Education. He also led emphasis on how AIU supports the faculty members for enhancing the efficiency of the faculty members. The resource persons for this FDP also joined the Inaugural session and gave their brief introduction to the Participants. Prof Gaurav Singh, CIET, NCERT was the guest of honour of the Inaugural event. Honourable Vice-Chancelor Integral University blessed the participants by giving prominence to the importance of Faculty Development Programmes on such themes.

In the second Session, Prof. Gaurav Singh, CIET, NCERT, New Delhi, gave the Introduction and Overview of Modern Teaching Technologies. He discussed the varied technologies a teacher can use to make the class interactive. He informed different educational channels and

applications provided by the Government of India. The third session of the day was taken by Dr. Divya R. Panjwani, Assistant Professor, Department of Education, Integral University. She gave insights to the participants about blackboards and whiteboards. A detailed explanation is given on the importance and working of Whiteboards. She has also explained the preparation of Mind maps. In the next session, the participants practised making Mind maps on a free website and submitted the assignment for the same.

On the second day of FDP, the lectures were on the main theme of Integrating Technology into Classroom Instruction. In the first session of Dr. Kiran Lata Dangwal, Department of Education, University of Lucknow, Lucknow on the theme Tools for Interactive Teaching-Learning, a variety of free tools available on the Internet to keep the teaching-learning interactive were discussed by the Resource Person, Following this, in the second session, which was Hands-on activity, the resource person made the participants practice on AI created images using Adobe Firefly. The session after lunch break was taken by Dr. Vinod Kumar Kanvaria, Faculty of Education, University of Delhi, Delhi on the topic 'Let Us Create PPT through various ways' and another session on 'AI tools for Educational Purpose.' In his session, the resource person discussed 4 different ways to create PPTs which also included PPT preparation through Artificial Intelligence. During the second session, AI tools/applications for content creation, making class interactive, video creation, making PPTs etc. were discussed by the resource person. After that session, a Discussion session was organised where the participants tried a few of the AI tools used for Educational Purposes. Furthermore, in the last session, queries pertaining to the usage of different tools for educational purposes were addressed.

The third day of the FDP was on the theme of 'Assessing Student Learning Online' in which the first session was conducted by Dr. Geetika Nidhi, Assistant Professor, Department of Education, Integral University on the topic Online Assessment Strategies: Creating Effective and Fair Online Assessments. The Resource Person made an interactive session and discussed about the fair online assessment. The next session was taken by Dr. Prerna Mandhyan, School of Education, DS College, Katiyar, Bihar on the topic Tools for Online Testing and Evaluation where she discussed the tools which are freely available online for testing and evaluation by involving participants in the quizzes designed in different platforms. She also made the participants design their own quizzes on different websites. The third and fourth session of the day was allotted to the topic of Security and Integrity in Online Assessment, along with its hands-on Practice by Dr. Sheeba, Department of Computer Science and Engineering, Integral University, Lucknow. In this session, important aspects of security and integrity towards online assessments were highlighted.

The fourth day of the FDP started with a lecture by Dr. Mohammed Asif, Department of Education, Tezpur University, Tezpur on the topic of 'Designing and Implementing Online Assessments' where he pointed out the methods of how a teacher can intellectually design the online assessments and implement in the classroom and at other training centres. The second session was on successful online evaluation: Case study where the resource person Ms. Shalini Agrawal, Assistant Professor, Balram Krishan Academy, Mohanlalganj, Lucknow discussed case studies of a few universities. Herein, she explained in detail the process of evaluation of Sharda University, Eduplus. She also highlighted the usage and benefits of online platforms for
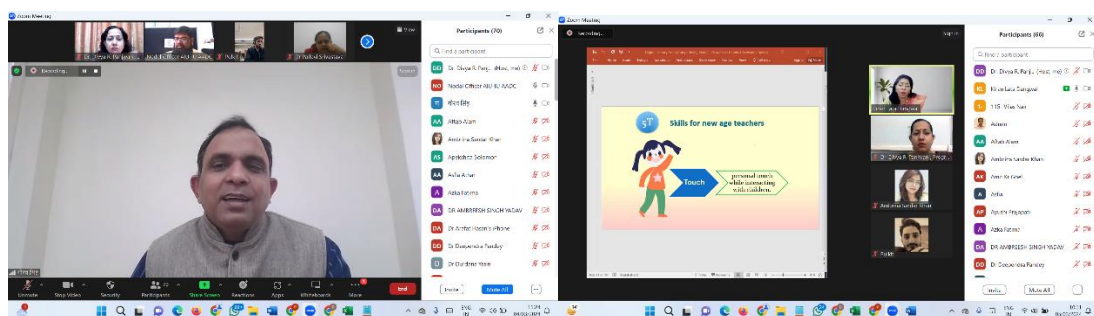
Onscreen Marking. The session after lunch break was of Dr. Vimal Singh, Faculty of Education, CSJM University, Kanpur on ICT Mediated Teaching Methods where through discourse method he highlighted the various facets of teaching methods which are through ICT. The last two sessions of the day were taken by Ms. Kavita Agrawal where she pointed out the features and benefits of the Learning Management System along with the successful LMS of Integral University and its Integration in Teaching-Learning Transaction under all the courses.

Participants of the FDP were given the task to prepare a video of Educational Content of their choice using Modern Technologies of Teaching. The participants submitted this assignment through Google Forms. There were 155 participants in the Faculty Development Programme from different states of the country reflecting the diversity among learners. Participants also belong to various disciplines like Engineering, Management, Computer Science, Education, etc. with their diverse learning backgrounds.

During the workshop, the participants actively engaged with the Resource Persons by fostering meaningful dialogues. The workshop was successfully managed and coordinated by Mr Zishan Raza Khan, Nodal Officer AIU-IU-AADC and Dr Divya R. Panjwani, the program coordinator.

Address by Honourable Vice Chancellor Integral University, Prof. Javed Musarrat (Left), and Dr Amrendra Pani Joint Director & Head Research Division, AIU (Right) in the inaugural session

A glimpse of lectures going on during the FDP