

## **Faculty Development programme (FDP)**

### **Online Education: An Evolving Paradigm**

Academic and Administrative Development Center (AADC) hosted online one week FDP with Association of Indian Universities on **Online Education: An Evolving Paradigm**, during February 13-17, 2023. The objective of this FDP was designed keeping in mind the theme of G20 i.e cleaner, greener and bluer future. In order have environmentally sustainable development, we have to opt paperless operations in our every action and choices. Therefore, FDP was conducted to apprise the attendees about the practical aspects and challenges of the new revolution of the Online education, in addition to understanding and acquiring the skill set of artificial intelligence and cloud computing required for the future technologies.

The FDP observed numerous expert lectures delivered by several revered and experienced dignitaries, leaving the attendees spellbound with the in-depth knowledge and understanding of their area of expertise. Throughout the sessions, various technical aspects were discussed by our esteemed speakers. The resource persons for the one week online FDP on “**Online Education: An Evolving Paradigm**”

The Programme commenced with the Inaugural Ceremony led by Dr. Anuradha Chug, FDP Coordinator, held via Cisco Webex platform, on February 13, 2023, at 03:30 PM, in the gracious presence of our esteemed **Chief Guest Prof Mahesh Verma, Vice-Chancellor, GGSIP University and Dr (Mrs) Pankaj Mittal, Secretary General, Association of Indian Universities. Prof. (Dr.) Arvinder Kaur, AADC, Nodal Officer** delivered the welcome address and received all the dignitaries and participants present in the event, as well as emphasized upon the significance of online education in today’s digital world. Dr. Anuradha Chug introduced the attendees to the objectives and purpose of the FDP, as well as highlighted the significance of online education in the competitive digital market. She also accentuated the participants about the attendance and assessment criteria, and the overall conduct of the one week online FDP. The Orientation was delivered by Dr Amarendra Pani, Joint Director & Head, Research Division, AIU in the field of online education. At the closing of the Inaugural function, Dr. Anuradha Chug concluded the ceremony with a vote of thanks to all the dignitaries and participants.

The technical sessions for day 1 commenced with the keynote speech by **Prof. Srinivasa K G**, followed by a session on ‘Online Education’. He talked about the challenges of virtual education and stated “Education is changing from Socratic Methods to Cyber Learning” . He also explained the components of virtual learning along with the services. In the next session, Professor gave an expert lecture on ‘Why is blended learning essential for our students’, where he has given the world wide example of the growth of blended learning. Day 1 concluded with the last session on ‘Planning digital pedagogies, designing online courses and effective communication in the virtual classroom’ by Prof. Srinivasa K G.

Day 2 of the FDP was commenced at 5 p.m, where the session was delivered by Rahul Johri on ‘Teaching Using Virtual Platforms’. He explained to access the videos online and have thorough understanding about the topic such as cloud computing and security. Next session was on the topic ‘Demonstration of Managing Participation, Motivation and Engagement using MOODLE’ given by Dr. Rahul Johari, where he explained the MOODLE approach in creating the new branch and course. He also demonstrated how to create a User account and have access of it. Lastly, he demonstrated the Licenses required for the copyright of the work in digital world . He has given the practical knowledge on the creation of the content online for the students.

Day 3 commenced with an expert lecture on 'Digital Content Production' by Prof. Amar Raj Singh, whereby he apprised the audience with the AI Tools used for video creation and stated the example of the necessity for the creation of video content. He also explained the various types of video editing software required for professionals and daily time users. Next session was also conducted by Prof. Amar Raj Singh, on the topic 'Demonstration of Educational Video Creation using AI Tools', he discussed about the Chat GPT tool and explained how to remove noise from video recordings with speech enhancement.

First session for day 4 was delivered by Dr. Kushal Shah on the topic 'Online Education in the Post Pandemic World'. He explained what is Bloom Taxonomy and how to go for Bloom Taxonomy. He also discussed the comparison of what the student currently knows the ways of learning and what he actually needs to learn. He also demonstrated the Self-learn Data Science and Machine Learning through an Active Learning Approach. He collected the summary of Student Feedback and noted down the requirements of the student to clear the concepts. Last session for the day was on the topic 'Demonstration of Various Learning Management Tools' delivered by Dr. Kushal Shah, whereby he explained the various learning tools, along with characteristics, conceptual framework, architecture and applications of them.

Day 5 commenced with the expert lecture on 'Online Assessment and Future of Education' given by Dr. Sunil Pratap wherein he discussed how to create a quiz using MOODLE and in the next session Dr. Tanya Pathak Shah explained the Mind Map Maker for visualizing the different subjects in the organized and scheduled manner. She also demonstrated the conduction of online exam with various tools like : exam.net and google classroom.

Next, the participants were directed to attempt the assessment exam within the stipulated time and submit the feedback. An evaluation quiz comprising of 30 MCQs were prepared covering all technical as well as non-technical sessions, to assess the knowledge gathered by the participants.

Thereafter, Valedictory Ceremony commenced at 7:00 pm on the last day of the FDP i.e. February 17, 2023, led by Dr. Anuradha Chug, FDP Coordinator, in the gracious presence of our esteemed Prof. Arvinder Kaur, AADC, Nodal Officer. She praised and applauded the FDP coordinators, Dr. Anuradha Chug , Dr. Amar , Dr. Amritpal Singh as well as all organizing committee members and participants, for their exceptional hard work and efforts towards the successful completion of the FDP. Prof. Arvinder Kaur recognized the efforts and challenges of the virtual event and congratulated the organizers for fruitful programme. She talked about coming out of our shells and become the creator of technologies, in a true practical sense that can be reflected by our daily routines. With these inspiring words of wisdom, she once again commended the FDP organizing team for their pathbreaking initiative. Dr. Anuradha Chug concluded the ceremony with a vote of thanks, whereby she expressed her heartfelt gratitude to all the dignitaries, resource persons and participants, who made this event to be a huge success.

The FDP comprised of more than 190 participants/attendees from several esteemed institutes/colleges throughout India, who could easily benefit from the knowledge disseminated during the outstanding sessions of the programme. The efforts of the speakers and the organizing committee were recognized and appreciated by the participants, which is evident from the overwhelming feedback received. The FDP was conducted successfully and the set objectives were observed meticulously, throughout the duration of the programme.