

**5-Day National Level Faculty Development Programme**  
**on**  
**“Use and Development of Online Modules and Open Educational Resources for Teaching, Learning and Research”**  
**Organized by**  
**IQAC, Satyapriya Roy College of Education**  
*[Government Aided Post Graduate College of Education]*  
**and**  
**CIQA, Netaji Subhas Open University**  
**Report**

**Coordinates:** 13<sup>th</sup> -17<sup>th</sup> September 2023; Blended Mode (G-Meet, ZOOM and College Premises); 11am-4.30pm

**Background:** Faculty development program (FDP) is a tool for fostering knowledge and professional skills of faculty members in order to improve their performance in education, research and administration as well as augmenting organizational capacities and culture. Such programmes not only help the faculty members in augmenting their Instructional capabilities in contemporary educational pedagogy but also in their Professional development with better understanding of professional responsibilities as educators, researchers and administrators as well as in the Organizational development.

The 5-days Faculty Development Programme was specifically designed to discuss development and use of online modules and OER for teaching learning and research. With UGC emphasizing blended mode of teaching learning and importance of technology in teaching learning proved to be crucial in the post pandemic period, knowledge of development of online modules and OER has emerged as an important component of a teacher’s professional development. The early-career researchers, teachers of colleges, universities and school and other participants will have a great opportunity to learn from the esteemed panel of experts who shall be delivering expert talks on various related issues.

**Objectives of the FDP: These were-**

- ✚ To Provide an understanding about application of online modules and OER in teaching-learning methods & research in Education.
- ✚ To train the early career researchers, young academicians, and other participants in development of e-content for teaching and research and competency enhancement with the help of e-resources.
- ✚ To provide an understanding about teaching pedagogy in Hybrid mode and use of technology therein.
- ✚ To provide an opportunity to participants to deliberate and learn about the challenges being faced in education and research in the present digital era in terms of licences and plagiarism.
- ✚ To provide an orientation in templates of SWAYAM MOOC and development of modules for the same.
- ✚ To enable the participants to understand use of online modules in the light of New Education Policy 2020.

**Topics covered:**

- ✚ ICT based Pedagogy, Situational Analysis & Interactive Tools for Teaching
- ✚ Technical elements: creating Online Content
- ✚ Exploring OER & Creative Commons Licenses for teaching learning and professional development • OER tools for research done for professional development
- ✚ Introduction to MOOCs, how to design MOOCs based on the 4 Quadrant Approach with demonstration
- ✚ Creating MOOC for SWAYAM- key features and TEMPLATES
- ✚ Effective Communication in Virtual Classrooms
- ✚ Tools for designing a blended learning course module with a demonstration of SAF
- ✚ Tools for online assessment and evaluation & Creating Rubric with demonstration

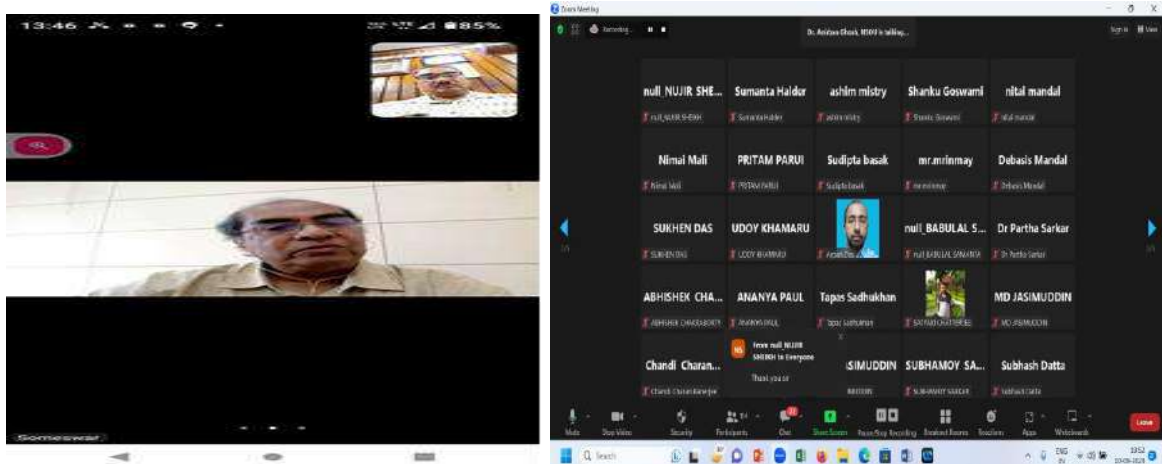
**Participants:** There were 55 participants comprising of Teachers Educators, college and university teachers, Research Scholars, and School Teachers.

**Proceedings of the FDP:** The FDP was conducted in blended mode. Satyapriya Roy College of Education organized the program in collaboration with NSOU with NSOU provided academic Resource Persons for some of the sessions. The sessions were conducted from 11am to 4.30 pm daily with a 30 mins lunch break in between. Everyday a 10 marks MCQ self-assessment Google form was sent to all participants after completing all the scheduled sessions of the day.

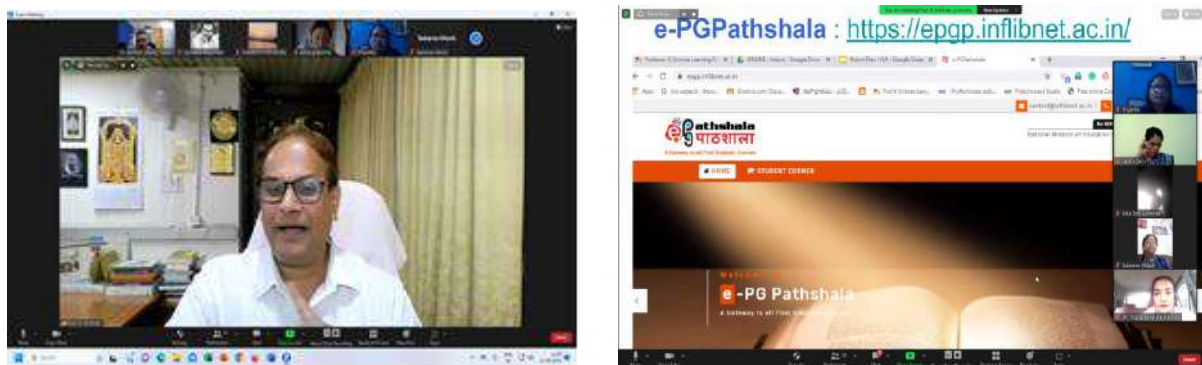
**Day-1 (Inaugural session):** On the first day Smt Tulsi Sinha Roy, Member, Mayor in Council, Bidhannagar Municipal Corporation and Councillor of Bidhannagar Municipality, Ward 40, President of the Governing Body, Satyapriya Roy College of Education delivered the Guest of Honour's speech highlighting the importance of updating the knowledge and skill of present-day teachers, especially after the pandemic and the importance of online modules and OER in that context. Prof. Atindranath Dey, Former Additional DPI, Govt. of West Bengal & Director, School of Education, NSOU, graced the session as the Chief Guest and delivered a speech on the evolution and recent trends of blended learning for inclusive education and a paradigm shift in modern day teaching-learning. Dr. Subir Nag, Principal of Satyapriya Roy College of Education, welcomed the participants. The IQAC coordinator of the college and Convener of the FDP, Dr. Piku Chowdhury, oriented the participants about the content and mission of the FDP along with a clear outline of the sessions, activities and assessment associated with the FDP.

**Day-1 (Technical session):** This session was conducted by Prof. Someswar Bhowmik, OIC, CoEdn, NSOU on the topic titled "Andragogy of Online Education". He highlighted the efforts of making Online Education a reality in India since 2009, under the National Mission for Education through Information & Communication Technologies [NME-ICT]. It focused on dissemination through New Media driven by digital-technology. The prospects and challenges were discussed, with emphasis on HUMANIZING Online Education, where both the teachers and learners enter a humane relationship as collaborators.

The post lunch session was conducted by Dr. Piku Chowdhury giving the participants knowledge and demonstration of online tools like Hot Potatoes and youtube video editing with voice over for teaching, with practical hands-on experience of the participants.



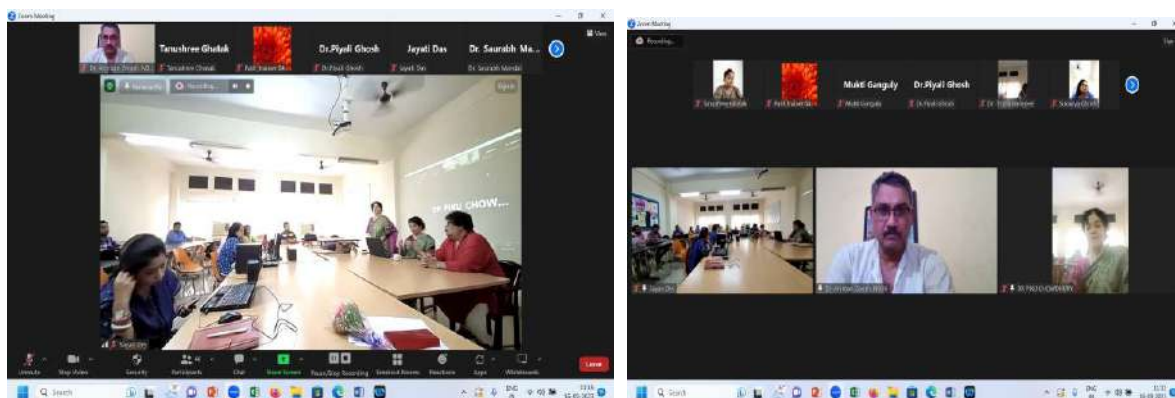
**Day-2:** The second day had sessions by Prof. K. Srinivas, Head of ICT and Project Management Unit & Chairperson of E-Learning Cell of The National Institute of Educational Planning and Administration, New Delhi, on OER & Creative Commons Licenses for teaching learning and professional development and OER tools for research done for professional development. The Feedback from participants [collected through structured feedback forms on the last day of the program] revealed a structured and well-planned exposure to the topics covered given by the Resource person. The post-lunch session was deliberated by Prof. Anirban Ghosh, Director, CIQA, NSOU, on “Introduction to MOOCs: How to design MOOCs based on the 4 Quadrant Approach”.



**Day-3:** The third day had sessions on effective communication in virtual classrooms by Dr. Piku Chowdhury. A preliminary introduction to the concept and parameters of effective communication in virtual classrooms was followed by demonstration and hands-on activity on some online communication tools like Mentimeter, audio-video integration in common PowerPoint presentations, online quizzes. It was followed by a session on “Creating MOOC for SWAYAM- key features and Templates” by Prof. Someswar Bhowmik. He started with a brief discussion on the evolution of SWAYAM as an indigenous platform and the 4-quadrant architecture of MOOCs hosted there. Thereafter he delivered at length on the pedagogic, procedural, technical and quality aspects involved in designing, developing, delivering and managing MOOCs on the approved SWAYAM platform.

The post-lunch session was taken by Dr. Piku Chowdhury as a practical session where participants were guided and helped to develop online tools for teaching and assessment. Google classroom code was shared for submission of the tools developed by the participants in this session.

**Day-4:** The fourth day had 2 consecutive sessions facilitated by Dr. Papiya Upadhyay on designing a blended learning course module and Tools for online assessment and evaluation, and creation of rubrics. One of her scholars, Mr. Subrata Naskar supplemented the session by demonstrating use of online assessment tool of Quizziz. The post lunch session was an activity session where participants developed a rubric as per the guidelines and format given in the previous session.



**Day-5:** The fifth and final day started with a 25 marks MCQ test based on all the sessions and covered all topics deliberated, presented and demonstrated by the resource persons during day-1 to 4. It was followed by a feedback form fill-up and discussion session done in blended mode. Then there was the presentation by participants on the tools they had developed with know-how gained from the FDP. Some of the participants were invited to share their experiences. Results of the MCQ test was declared and certificates were given in the post-lunch valedictory session.



--Report prepared by Dr. P.Upadhyay



## Programme Schedule

### **13.9.2023: DAY 1: ONLINE**

**11am – 11.05 am:** Convener's welcome address

**11.10 am - 12.00pm:** Welcome address by Principal, SPRCE and Chief guest's speech [Professor Atindranath Dey, Former Additional DPI, Govt.of West Bengal & Director of School of Education, NSOU]

**12-12.45pm:** Guest of Honour's address [ Smt. Tulsi Sinha Roy, President of Governing Body of Satyapriya Roy College of Education & Councilor of Bidhannagar Municipality, Ward 40]

**12.30- 1.00pm:** Overview of the workshop

**1.00pm:** Vote of thanks

1.00- 1.30 pm: BREAK

**1.30pm – 3.00pm:** ICT based Pedagogy [**Professor Someswar Bhowmik**, Officer-in-Charge, Centre for Online Education, NSOU and former Director, UGC EMRC-St. Xavier's College (Autonomous), Kolkata]

**3.00pm – 4.30pm:** Technical elements: Online Tools for Teaching-learning with demonstration. Preparation of e-content by participants [**SRCE-Dr. Piku Chowdhury**]  
Self-assessment through Google Forms

### **14.9.23: DAY2: ONLINE**

**10am – 11.30 am:** Exploring OER & Creative Commons Licenses for teaching learning and professional development [**NATIONAL RESOURCE: Prof K. Srinivas**]

**11.30pm-1.00pm:** Demonstration of OER tools for research done for professional development [**NATIONALRESOURCE: Prof. K. Srinivas**]

1.00 – 2.00pm: LUNCH

**2pm-4.00pm:** Introduction to MOOCs: How to design MOOCs based on the 4 Quadrant Approach with demonstration [**Professor Anirban Ghosh**, Director, CIQA, NSOU]

Self-assessment through Google Forms

### **15.9.23: DAY3: ONLINE**

**11am-12.30pm:** Effective Communication in Virtual Classrooms [Dr. Piku Chowdhury, Associate Professor & IQAC Coordinator, SRCE]

**12.30pm-2.00pm:** Creating MOOC for SWAYAM- key features and TEMPLATES [Professor Someswar Bhowmik, Officer-in-Charge, Centre for Online Education, NSOU and former Director, UGC EMRC-St. Xavier's College (Autonomous), Kolkata]

2.00-3.00pm: BREAK

**3pm-4.30pm:** Development of any one OER for teaching learning by participants [submission in Google Classroom]

Self-assessment through Google Forms

### **16.9.23: DAY4: OFFLINE / BLENDED MODE** [offline venue: SRCE. Online links will be mailed]

11am-12.30pm: Tools for designing a blended learning course module with a demonstration of SAF [Dr.Papiya Upadhyay, Asst. Professor in Education, NSOU]

12.30pm-2.00pm: Tools for online assessment and evaluation & Creating Rubric with demonstration [Dr.Papiya Upadhyay, Asst. Professor in Education, NSOU]

2.00-3.00pm: LUNCH

3pm-4.30pm: Group Activity and Presentation

Self-assessment through Google Forms

**17.9.23: DAY5: OFFLINE/ BLENDED MODE [venue: SRCE]**

11.30am – 12.00pm: MCQ Test

12.00-1.00 pm: Presentation on OER prepared [SRCE- Dr. Ripa Mazumdar & Dr.Dipak Kumar Kundu]

1.00 – 2.00 pm: LUNCH

2.00 – 3.00pm: Feedback and discussion, sharing of experiences

3pm – 4pm: Valedictory session

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