



**BAOU**  
Education  
for All

DR. BABASAHEB AMBEDKAR  
OPEN UNIVERSITY

# DEVELOPMENT OF MOOCS FOR ODL LEARNERS

*Online Training for the faculty and  
academics of BAOU*

Organised by  
Commonwealth Educational Media Centre for  
Asia (CEMCA)  
and  
Dr. Babasaheb Ambedkar Open University  
(BAOU)

18<sup>th</sup> -20<sup>th</sup> May 2020

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**Report Submitted**

**by**

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COE, IGNOU**

**and**

**Dr. G. Mythili,  
Deputy Director,  
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**Introduction:**

Dr. Babasaheb Ambedkar Open University (BAOU) is a premier State Open University in India, established by the Act No.14 of 1994 passed by the Gujarat State Legislature, and assented to by the Governor of Gujarat on 27<sup>th</sup> July, 1994. The headquarters of the university is located at Ahmedabad with two Regional Centres on the campus of South Gujarat University, Rajkot and Regional Centre on the campus of North Gujarat University, Patan. The University has more than 507 study centres. BAOU strives to advance and disseminate learning and knowledge by a diversity of means, including use of any communication technology. It provides opportunities for higher education to a large segment of the population, promote the educational well-being of the community generally.

BAOU is striving for digital initiatives in all areas of its university. It aims to run few courses on the SWAYAM for reaching the learners. In the Covid -19 pandemic lockdown situation, there was an attempt to build the capacity of the faculty members and academics on how to design and develop MOOC courses. These can be offered on SWAYAM portal or inhouse LMS portal.

Therefore, a three-day workshop was organised online for capacity building of teaching and academic staff on “Development of MOOCs for ODL Learners” from 18<sup>th</sup> to 20<sup>th</sup> May 2020. It was organised jointly by Commonwealth Educational Media Centre for Asia (CEMCA) and Dr. Babasaheb Ambedkar Open University (BAOU).

**Objectives:** After the online workshop the participants were able to:

- create a MOODLE account (for practice) on moodlecloud.com
- design a MOOC course/course using Moodle

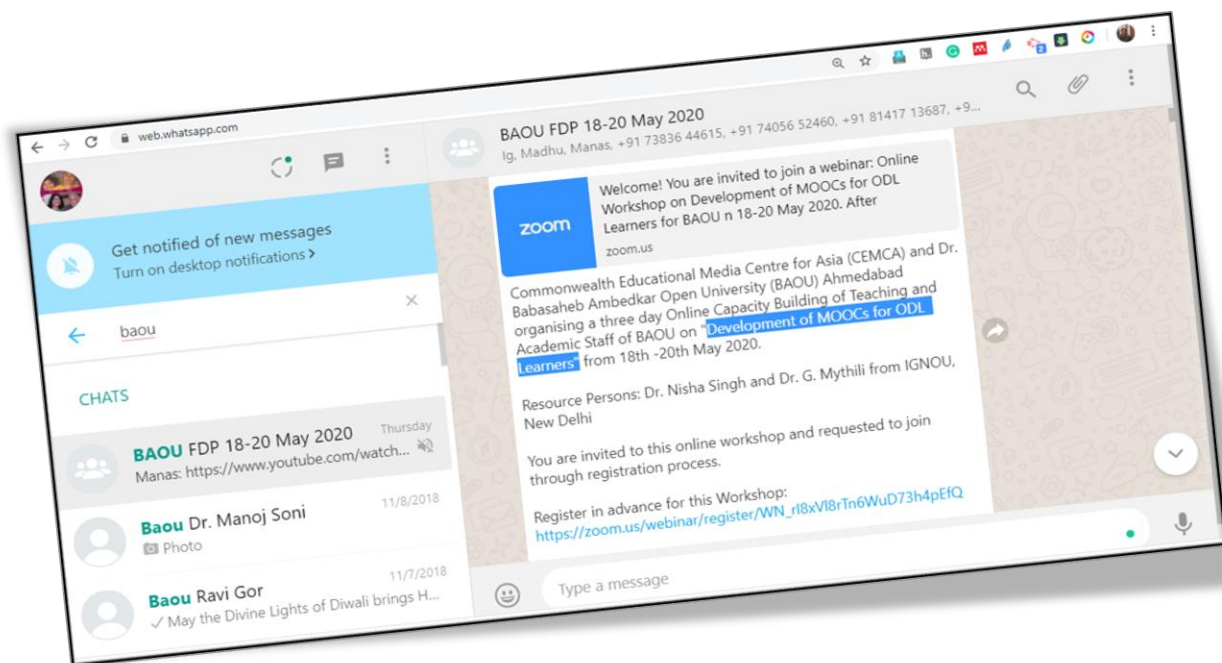
- create and upload a four-quadrantcourse on their Moodle site
- develop video using easily available software.

**Participants:**Thirty-six participants from BAOU attended the programme. List of participants is placed at Appendix 2.

**Methodology:**The workshop was conducted **online through the virtual platform ZOOM**.The methodology used was demonstration on the Moodle platform and discussing the live portals of SWAYAM coursesfollowed by hands-on by the participants. Each participant practiced the skills individually. They shared their work on the WhatsApp Platform which was used to interact asynchronously to share information, answer queries and submitting the assignments.

**Dates:** The workshop was for three days May 18<sup>th</sup> to 20<sup>th</sup>, 2020.

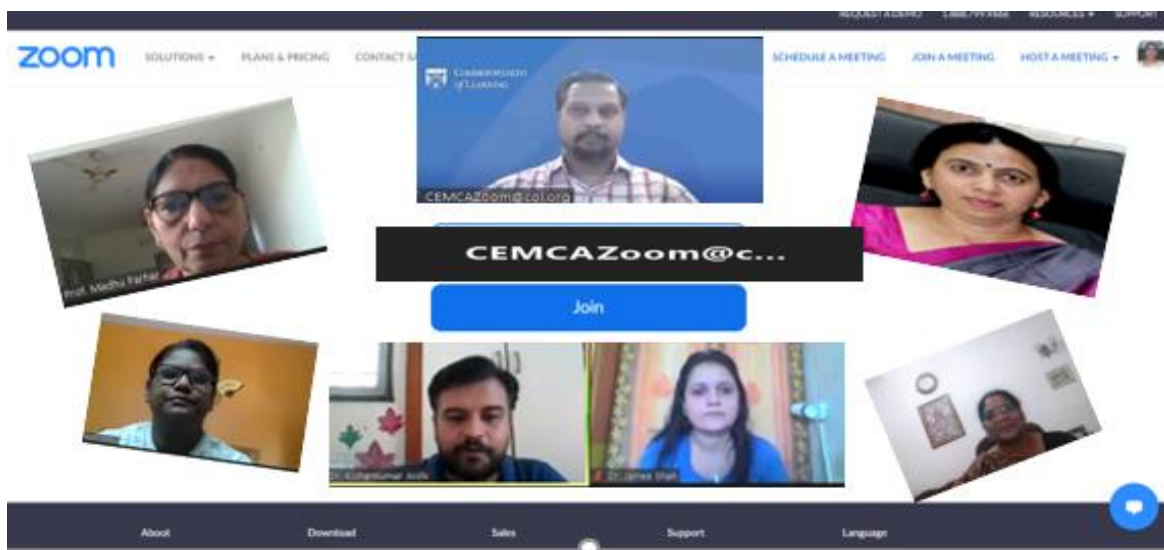
**Venue:** The workshop was conducted **online through the virtual platform ZOOM**.



***Inauguration: May 18<sup>th</sup>, 2020***

Inauguration is the beginning of any event and sets the tone of the event. It was graced by the presence of Prof. Ami Upadhyay, Vice-chancellor, BAOU; Prof. Madhu Parhar, Director, CEMCA; Dr. Manas Panigrahi, Senior Programme Officer, CEMCA; Dr. G. Mythili, Deputy Director, STRIDE, IGNOU; Dr. Nisha Singh, Deputy Director, COE, IGNOU; Dr. Jainee Shah, Assistant Professor, English; and Dr. Kishan Joshi, Assistant Professor, English and the faculty members from the various schools of BAOU. Dr. Manas welcomed all participants and members to the online workshop. Prof. Madhu Parhar gave an overview of the goals and the learning outcomes of the workshop. She stressed on the importance of MOOCs in higher education. She also encouraged the faculty members to develop and submit proposal for SWAYAM courses which is the need of the hour. Prof. Ami Upadhyay, Vice-Chancellor, BAOU deliberated on the importance of online education in India especially in COVID-19 times. She shared the initiatives being taken at the state level and the university level to reach the learners in the tough times. She appreciated the role of CEMCA in their efforts to make education accessible to all, especially in these pandemic time.

After this Dr. G. Mythili and Dr. Nisha Singh shared the purpose and the objectives of the three day workshop.

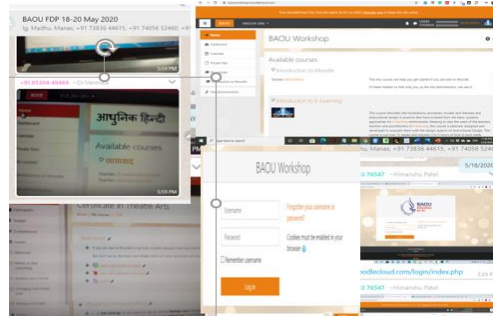


## ***Sessions Details***

**Day 1: 18<sup>th</sup> May, 2020**

## Forenoon session: 10.40 am to 12.30 pm

Designing MOOC through Moodle (SWAYAM Quadrant 2)



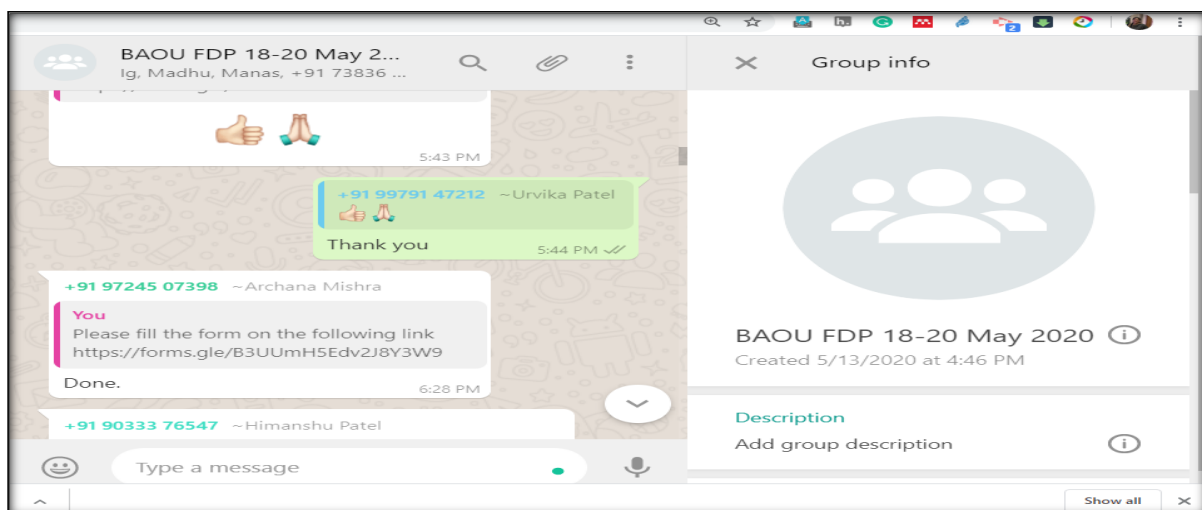
Participants were able to

- create account on moodlecloud.com for practice on Moodle.
- design Quadrant 2 (e-Content) of SWAYAM
- upload the e-Content on their moodlecloud account

The first session was focused on Quadrant 2 of the SWAYAM i.e. on the e-text. As it is open university the SLM were available in all courses. The participants were requested to the select the SLM on the topic they wanted to develop MOOCs on. This scenario of online education in India, digital initiatives of Government of India were discussed as an initiation to the three days' workshop. Moodle account creation on moodlecloud.com was dealt in detail by Dr. Nisha Singh and Dr. G. Mythili. They covered the wide range of online education concepts and highlighted the importance of online courses especially SWAYAM courses in the present-day educational scenario. At the end activities for the first day were given to participants who practiced it in afternoon session with support from resource persons through asynchronous mode (WhatsApp).

Task for Day 1: Dear All. Please do the following as activities of the day. 1) create Moodle site using moodlecloud .com 2) change the name of the site.... 3) upload profile picture 4) create a course on your site 5) add 3 to 4 users in your site. One user should be.... username: learner and password: Learner@123

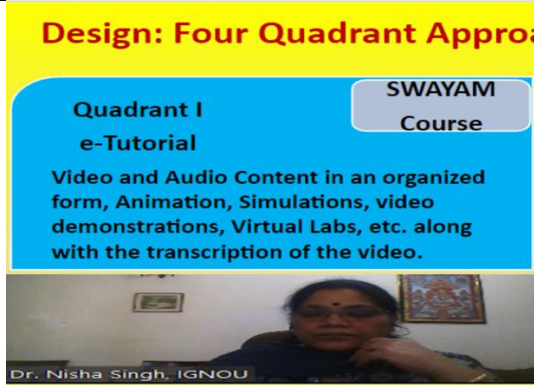
## Afternoon session: 2.00 pm -4.00 pm (Asynchronous -WhatsApp Group)



The second session was focused on facilitating hand-on learning. The queries were solved through asynchronous mode over WhatsApp. The task for the day one was to create to demonstrate the achievement of day 1 objective.

**Day 2: May 19<sup>th</sup>, 2020**

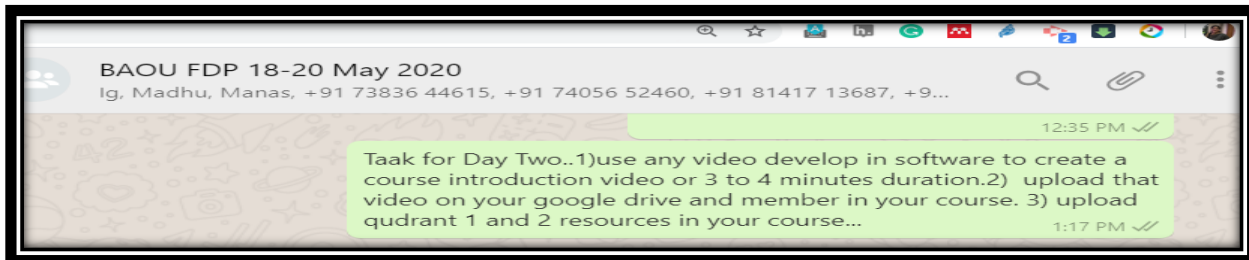
**Forenoon Session: 10.30 am to 12.00 pm**

<p>Video Content Development (SWAYAM Quadrant 1)</p> <p>Video Content Development (Swayam Quadrant 1)</p>		<p>Participants were able to</p> <ul style="list-style-type: none"> <li>• Develop Videos</li> <li>• Upload developed video on their Moodle site.</li> </ul>
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On the second day, the focus was on the Quadrant 1 of the SWAYAM i.e. E-tutorial was covered by the resource Person -Dr. Nisha Singh. E-Tutorial covers a whole range of video and audio content in an organised form, animation, simulation, video demonstrations, virtual labs and related e-resources. It also guides to upload the transcription of the video as it helps learner to overcome pronunciation differences, speed of communication in video. The development of videos as e-content under SWAYAM and SWAYAM PRABHA by Government of India was also discussed. Also, identification of videos available on video repository like You Tube, Vimeo, Teacher tube which can be used as resources for course development, was also discussed.

The importance of video as a resource was stressed. Some basic points which must be kept in mind while designing the videos for MOOCs were discussed. The SWAYAM courses mandates a small 2 to 5 minute introductory video. Therefore, in this lockdown scenario it was suggested that the open source and free ware software for video creation may be used for developing the introductory video. Development of Video using Screencast-O-Matic and Free CAM was demonstrated by the resource person.

The uploading of video content on MOODLE was demonstrated. The use of various resource options like Label, Page, URL were demonstrated one by one by enabling the participants to select the type of activities, for upload of e-resource.



**2<sup>nd</sup> day Afternoon session: 2.00 pm to 4.00pm**

The post lunch session of the second day of the workshop was focused on facilitating hand-on learning. The queries were solved through asynchronous mode over WhatsApp. The task for the day two was to create 2 to 5 minute video using the freely available video creation tools as showcasing the achievement of day 2 objective.

**Day 3: 20<sup>th</sup> May, 2020**

**Forenoon Session: 10.00 am to 12.00pm**

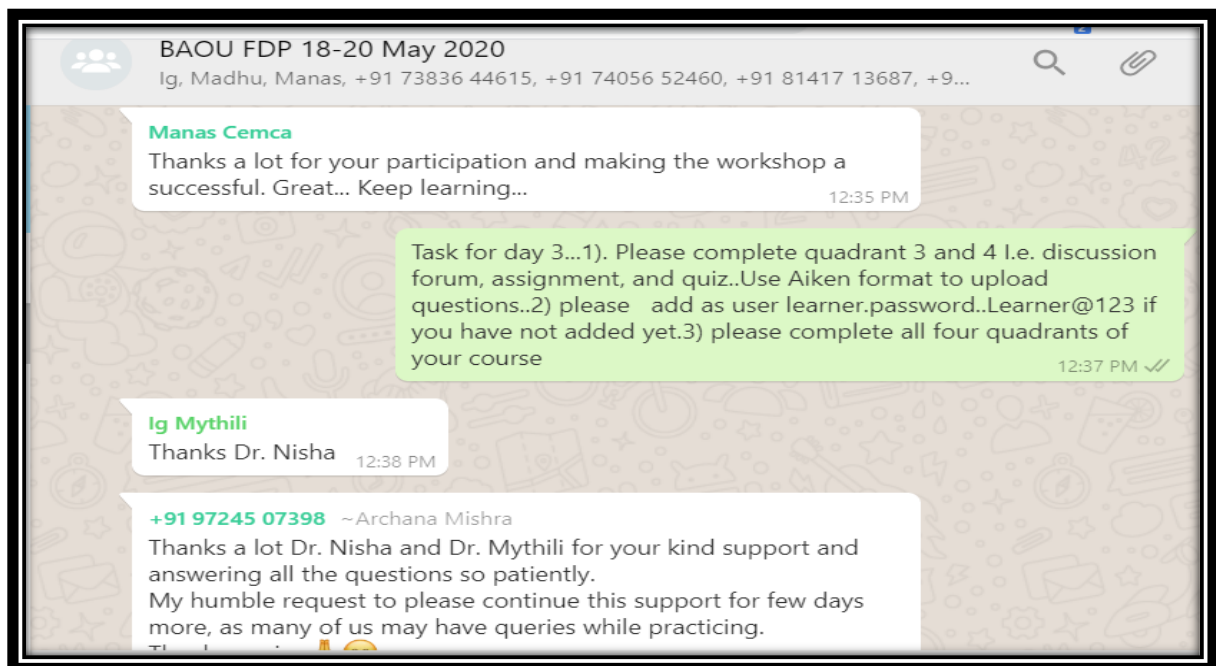
<p>Discussion Forum (SWAYAM Quadrant 3)</p> <p>Assessment (SWAYAM Quadrant 4)</p>		<p>Learners were able to</p> <ul style="list-style-type: none"> <li>• Create Discussion Forum</li> <li>• Design Formative and Summative Evaluation</li> </ul>
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The first session of the third day of the workshop focused on an important aspect of the SWAYAM MOOC courses i.e. Discussion Forum (Quadrant III) and Assessment (Quadrant IV). The interaction amongst the learners and the teacher are very important for learning and construction of knowledge. In the online world, this is achieved by Discussion Forum. Dr. G. Mythili demonstrated the format of Discussion forum in the SWAYAM platform. She further explained how to create a Discussion Forum



in MOODLE. She repeated the process again slowly so that the participants were able to work on their systems to create discussion forum.

She further systematically demonstrated the process of creation of assignment and Quiz on MOODLE as a part of Quadrant IV. The creation of objective questions, bulk upload of questions using Aiken format, importing questions from question bank were shown and discussed in detail. The grading of quiz is done automatic and can be effectively used. The grading of assignment was discussed in detail and the process adopted in returning the corrected assignments was clearly explained.



### **Concluding Session:12.00 pm to 12.30 pm**

The concluding and the valedictory session were graced by Prof. Madhu Parhar who appreciated the efforts by the participants to showcase the design and develop course with four quadrant of MOOC courses. She encouraged the participants to prepare and submit course proposals for SWAYAM. She encouraged open universities to come forward to make their mark on the SWAYAM Platform. She emphasized that the future is with electronic form of teaching and learning and the sooner we adapt the better it will be. Dr Manas R. Panigrahi moderated whole concluding session. Dr Krishna Joshi in the end thanked CEMCA for the support in these endeavor and appreciated the faculty efforts.

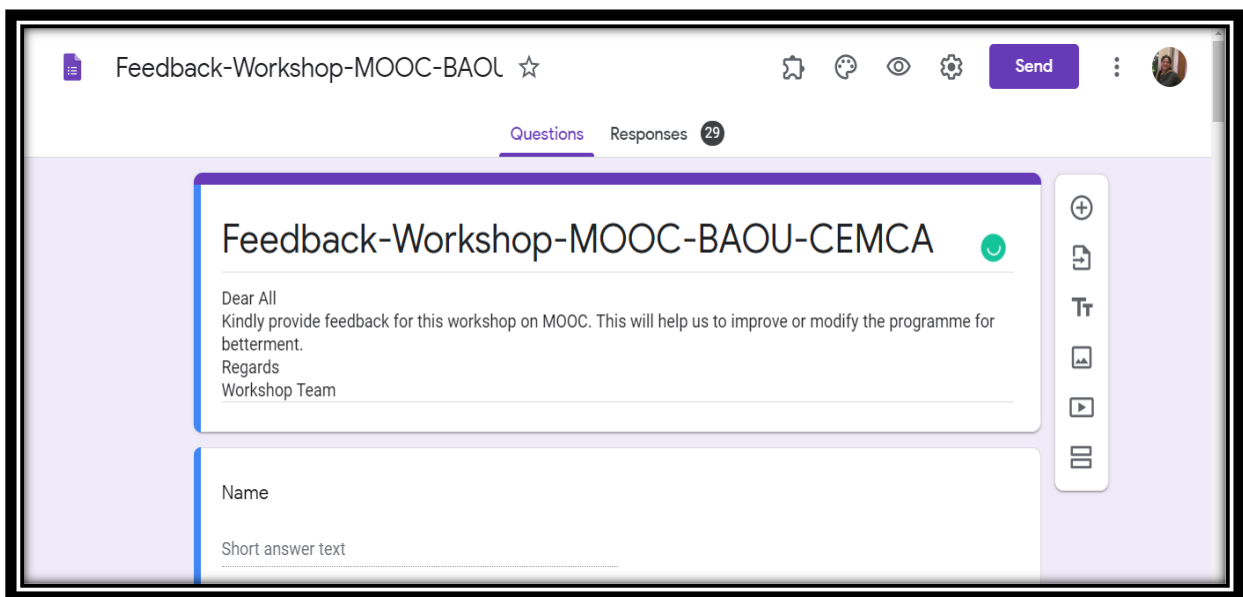




### Afternoon session: 2.00 pm to 4.00pm

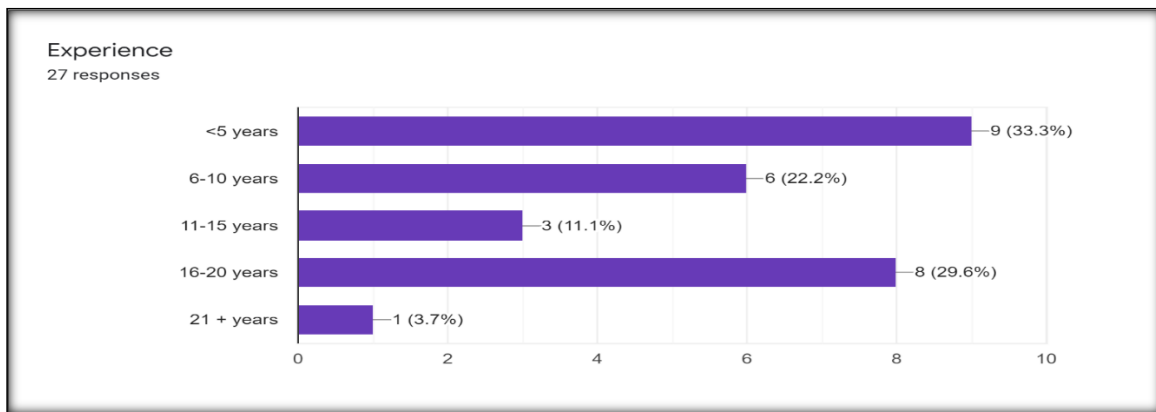
The post lunch session of the third day of the workshop was focused on facilitating hand-on learning. The queries were solved using asynchronous mode over WhatsApp. The task for the day three was to demonstrate the design of the course incorporating all four quadrants. All participants shared their MOODLE link to showcase the designed course. A learner id was created in all Moodle sites so that others can also visit the sites of others. The participants were requested to fill in the feedback form.

### Feed Back of the Workshop



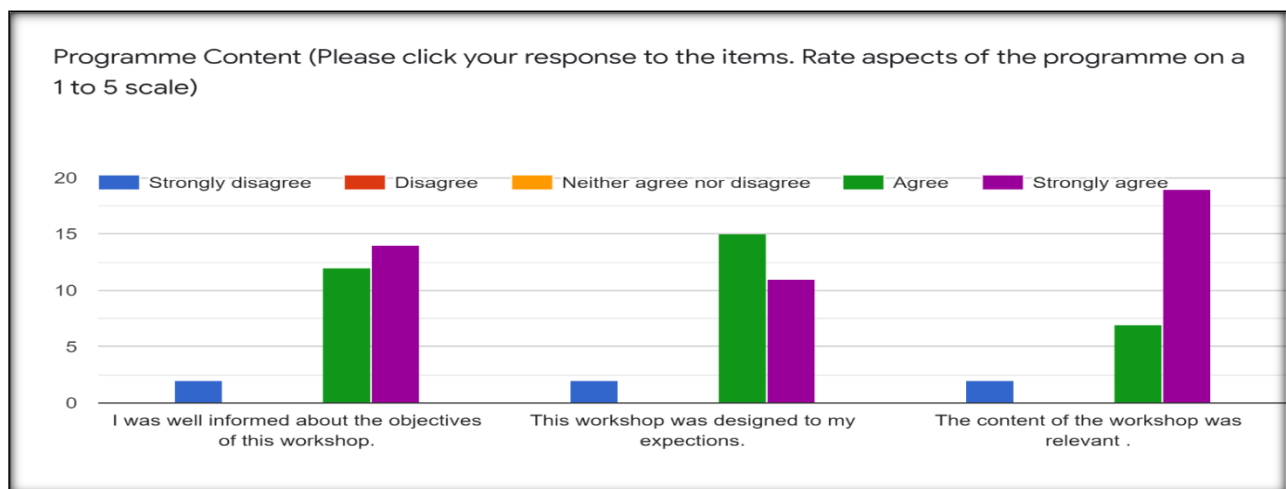
Feedback is information about reactions to a product, a person's performance of a task, etc. which is used as a basis for improvement. Feedback can be both positive and negative, which provide valuable information that can be used to make important decisions. Feedback is used to adjust and improve current and future actions and behaviors. Feedbacks are an important phase of any workshop. Feedback form was given to participants for getting their responses to the workshop.

**Experience Level:**



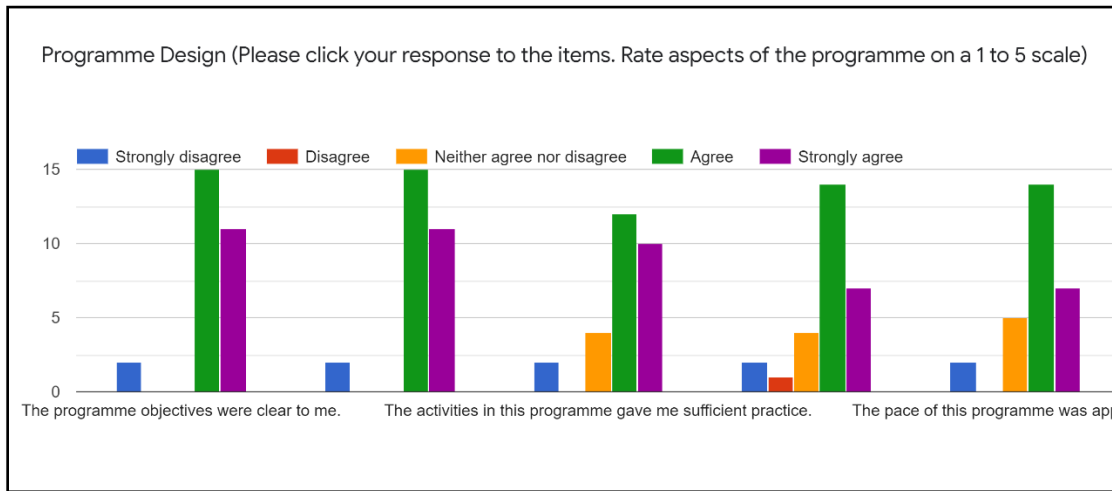
The range of experience of the participants was large. One of the participant had more than 21 years of experience whereas maximum were young with less than 5 years of experience. Close to this was a group of 16 to 20 years. This mixed group show that all were interested to learn and are expected to design and develop courses for the Swayam portal and also their own inhouse LMS platform.

**Programme Content:**



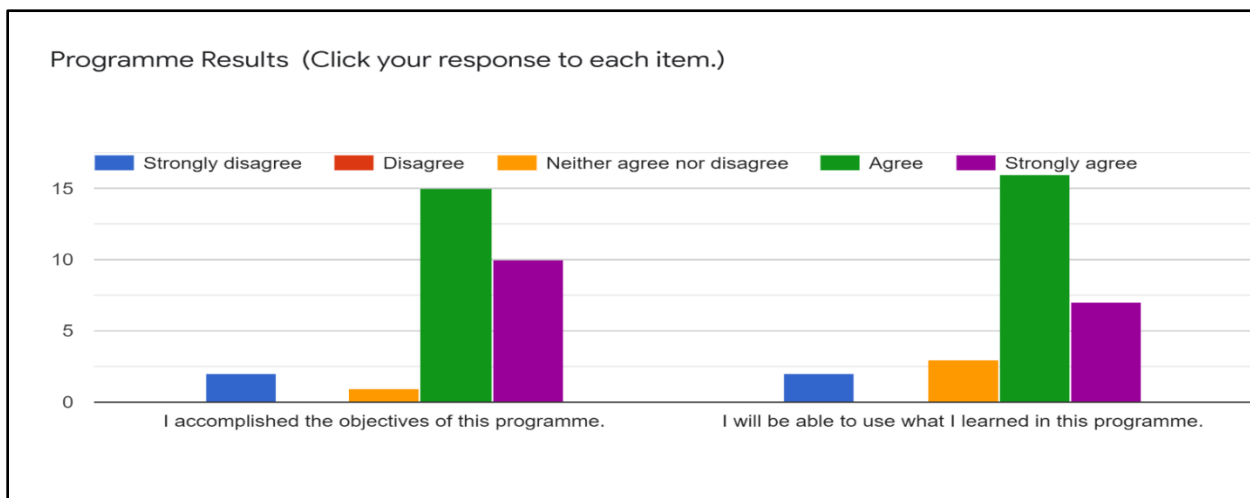
Most of the participants (93%) felt that that they were informed about the objectives and found the content relevant and designed as per their expectations. Two (7%) of faculty members expressed their disagreement to the workshop content. This could be due to last minute communication for some other communication gap and should be explored to strengthen the workshop further.

**Programme Design:**



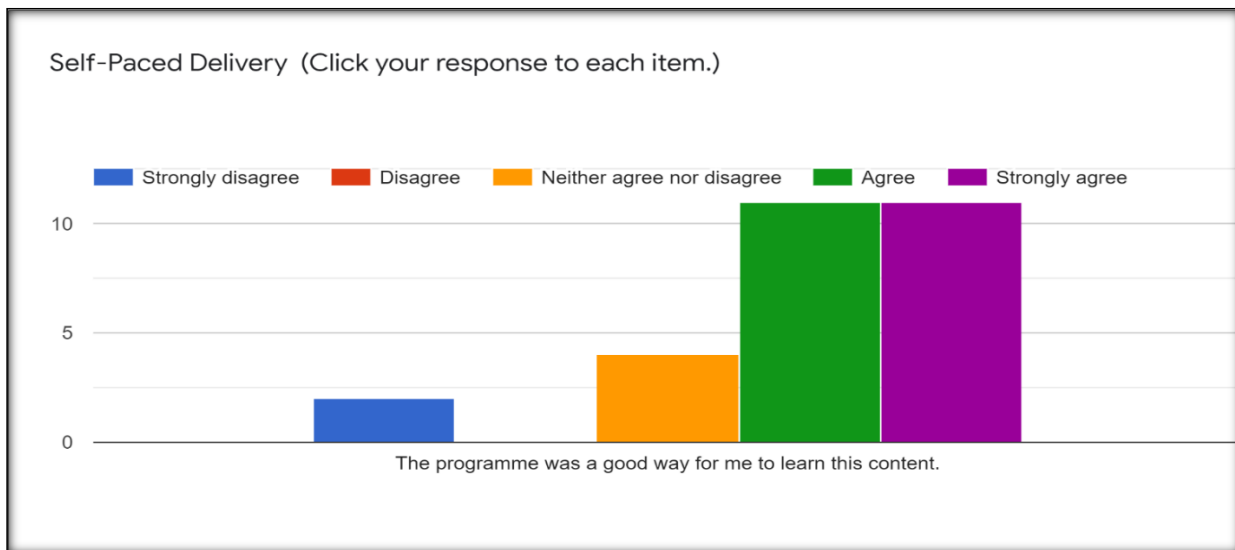
In the chart above on the response of programme design in which the feedback was sought on the programme objectives, practice session, difficulty level, pace of teaching learning activities. Most of participants replied in affirmative as is evident in chart above. Very few 2-3 were not satisfied and it can be explored for the reason so that improvement can be done in future.

**Programme Results:**



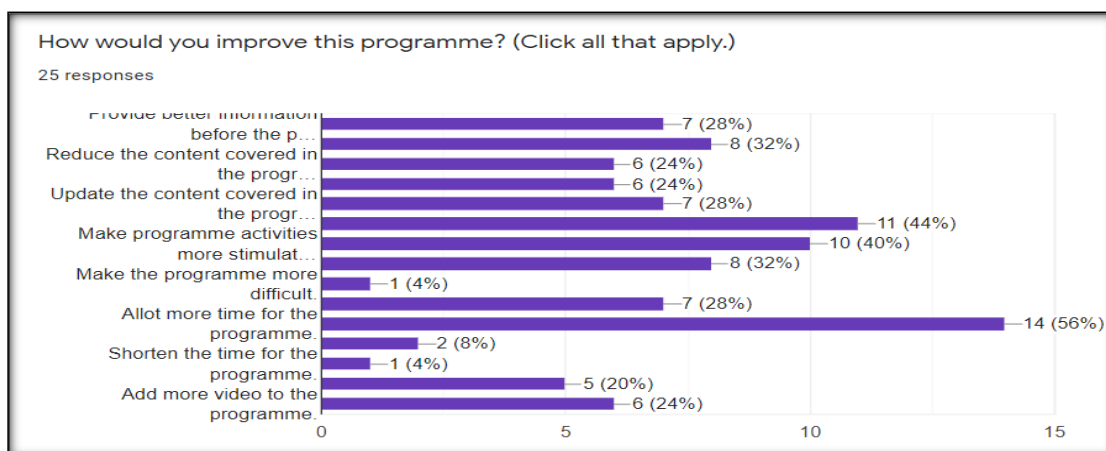
It is very important to know what the participants perceived regarding the attainment of the objectives and how they would use the knowledge gained during the workshop. A look at the graph above will show that most of participants were satisfied on these points. Though two were not satisfied, one to two were not confident of their ability to use it in future. Some efforts may be taken to explore the difficulty and solve it.

### Self -Paced Delivery:



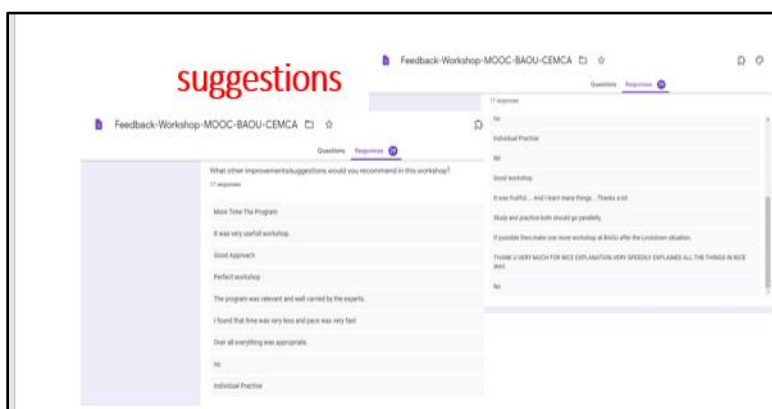
As can be seen in the figure above, most of the participants (79%) were satisfied with the online mode of the workshop programme. There were few (14%) who were unsure about the learning through online mode. They neither agreed nor disagreed. There was a 7% participants who did not agree to the online mode of workshop.

### Ways to Improve the Effectiveness of the Workshop:



As can be seen from the figure above 56% felt that more time should have been allotted to the workshop. 44% said that instructional methods can be improved which again reflects that still the faculty members do not feel comfortable in online workshop mode. One to one or one to a small group mentoring may be explored. Also, participants missed the interaction and stimulation in the online workshop as suggested by 40% participants. 32% expressed that programme objectives should be explained in detail. We can also see that one participant suggested to shorten and make programme difficult. This reflects that the faculty members were from different ability label. It could be that the participant could be well-versed with the Moodle and wanted to know advanced level. As other participants were new to Moodle, it was paced and pitched at basic functional level.

### Suggestions:



Suggestions were invited to get ideas for improvement. Many suggestions were received like the workshop should be of longer duration. Also, appreciation messages were there.

## Appendices



## Appendix 1 : Workshop Schedule

**Online Capacity Building of Teaching Staff and Academics on  
Development of MOOCs Courses  
Commonwealth Educational Media Centre for Asia (CEMCA)  
And  
Dr. Babasaheb Ambedkar Open University (BAOU)**

**During 18<sup>th</sup> - 20<sup>th</sup>May, 2020**

### Programme Schedule

**Online Sessions:** via Zoom Online Platform

<b>Day 1: 18.05.2020</b>				
<b>S. No</b>	<b>Time</b>	<b>Activity Session</b>	<b>Experts</b>	<b>Outcome</b>
<b>1</b>	<b>10.30am-10.55 am</b>	<b>Inauguration</b> Introduction: Goals of the workshop and its outcomes Address by Vice-Chancellor, BAOU Workshop Overview	Prof. Ami Upadhyaya VC, BAOU Prof. Madhu Parhar Dr. Manas R. Panigrahi Dr. Jainee Shah	
<b>2</b>	<b>11.00am-11.30am</b>	Designing MOOC through Moodle (SWAYAM Quadrant 2)	Dr. Nisha Singh and Dr. G. Mythili	Learn about MOODLE
<b>3</b>	<b>11.30am-12.30 pm</b>	Uploading Content (SWAYAM Quadrant 2)	Dr. Nisha Singh and Dr. G. Mythili	Learn to Upload the Textual Content
<b>Day 2: 19.05.2020</b>				

<b>4</b>	<b>10.30am-11.15am</b>	Video Content Development (SWAYAM Quadrant 1)	Dr. Nisha Singh and Dr. G. Mythili	Learn e Content Development -Videos
<b>5</b>	<b>11.15am -12.30 pm</b>	Video Content Development (SWAYAM Quadrant 2)	Dr. Nisha Singh and Dr. G. Mythili	Multimedia Development
<b>Day 3: 20.05.2020</b>				
<b>6</b>	<b>10.30am-11.00am</b>	Discussion Forum (SWAYAM Quadrant 3)	Dr. G. Mythili and Dr. Nisha Singh	Work on Discussion Forum
<b>7</b>	<b>11am-11.55am</b>	Assessment (SWAYAM Quadrant 4)	Dr. G. Mythili and Dr. Nisha Singh	<ul style="list-style-type: none"> <li>• Design Assignment</li> <li>• Learn Formative and Summative Evaluation and Create Quizzes</li> </ul>
<b>8</b>	<b>11.55am-12.30pm</b>	Closing	Prof. Madhu Parhar Dr. Jainee Shah	



**Appendix 2**  
**List of Participants**  
**BAOU's Faculty List for FDP**

**Development of MOOCs Course**

**18 to 20<sup>th</sup> May, 2020**

<b>Sr.No</b>	<b>Name</b>	<b>Designation</b>	<b>E-mail Id</b>
1.	Prof. Ami Upadhyay	Director and Professor	ami.upadhyay@baou.edu.in
2.	Dr. Awa Shukla	Assistant Professor, Journalism and Mass Communication	awa.shukla@baou.edu.in
3.	Dr. Priyanki Vyas	Associate Professor, Library and Information Science	priyanki.vyas@baou.edu.in
4.	Dr. KrutiChhaya	Assistant Professor, Economics	kruti.chhaya@baou.edu.in
5.	Dr. Hetal Gandhi	Assistant Professor, Gujarati	hetal.gandhi@baou.edu.in
6.	Dr. Sonal Chaudhari	Assistant Professor, History	sonal.chaudhari@baou.edu.in
7.	Dr. Archana Mishra	Assistant Professor, Hindi	archana.mishra@baou.edu.in
8.	Dr. Diptiba Gohil	Assistant Professor, Political Science	dipti.gohil@baou.edu.in
9.	Shri Digish Vyas	Assistant Professor, Performing Arts	digish.vyas@baou.edu.in
10.	Dr. Nikita Gadani	Assistant Professor, English	nikita.gadani@baou.edu.in
11.	Dr. Jainee Shah	Assistant Professor, English	jainee.shah@baou.edu.in
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15.	Dr. Anand Pandya	Assistant Professor, Sanskrit	anand.pandya@baou.edu.in
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18.	Dr. Ganesh Prajapati	Assistant Professor, Political Science	ganesh.prajapati@baou.edu.in
19.	Dr. Heena Ankuya	Assistant Professor, Library	heena.ankuya@baou.edu.in
20.	Shri Kinjal Parmar	Assistant Professor, Library	kinjal.parmar@baou.edu.in
21.	Shri Jivrajbhai Zanpadiya	Assistant Professor, Economics	jivrajbhai.zanpadiya@baou.edu.in
22.	Dr. Nitin Jadav	Assistant Professor, Sociology	nitin.jadav@baou.edu.in
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34.	Dr. Himanshu Patel	Assistant Professor, Computer Science	himanshu.patel@baou.edu.in
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36.	Dr. Dhaval Pandya	Assistant Professor, Management	dhaval.pandya@baou.edu.in

