Development of MOOCs for ODL Learners

Online Workshop for Capacity Building of Teaching and Academic Staff

Organised by
Commonwealth Educational Media Centre for Asia (CEMCA)
and
Yashwantrao Chavan Maharashtra Open University (YCMOU)
during
11th-13thMay, 2020

Report Submitted
by
Dr. Nisha Singh, Deputy Director, COE, IGNOU
and
Dr. G. Mythili, Deputy Director, STRIDE, IGNOU

Introduction:

Yashwantrao Chavan Maharashtra Open University (YCMOU)is a premier State Open University in India established in 1989 rightly named after Yashwantrao Chavan, Maharashtra's great political leader and builder of modern Maharashtra. It is the fifth Open University in the country. The main aim of the YCMOU is to become a Mass Varsity and to make available to the common man, educational programmes of practical use and that provide better prospects for the future. The University offers several offline programmes and has also embarked on a number of innovative online initiatives.

YCMOU has made its place in online programmes and MOOCs. It runs 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 11th -13th May, 2020. It was organised jointly by Commonwealth Educational Media Centre for Asia (CEMCA) and Yashwantrao Chavan Maharashtra Open University (YCMOU).

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

- create a MOODLE account for practice on moodlecloud.com
- design a course using Moodle
- create and upload a four-quadrant course on their Moodle site
- develop video using easily available software.

Participants: Ninety-five participants from YCMOU attended the programme. The list of participants is placed at Appendix 3.

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 courses followed 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. It was used to share information, answer queries and submitting the assignment
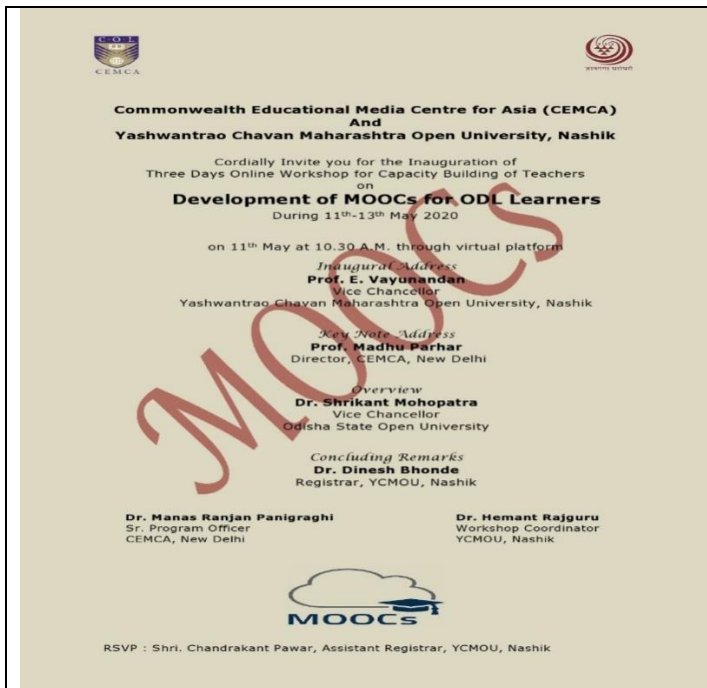
Dates: The workshop was for three days 11th to 13[th]May, 2020.

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

Inauguration: May 11th, 2020

Inauguration is the beginning of any event and sets the tone of the event. It was graced by the presence of Prof. E. Vayunanadan, Vice-chancellor, YCMOU; Prof. Madhu Parhar, Director, CEMCA; Dr Srikant Mohapatra, Vice Chancellor, Odisha State Open University (OSOU); Dr. Manas Panigrahi, Senior Programme Officer, CEMCA; Dr. G. Mythili, Deputy Director, STRIDE,IGNOU; Dr. Nisha Singh, Deputy Director, COE, IGNOU; Dr. Hemant Rajguru, YCMOU besides the participants of the workshop. Dr. Manas welcomed members and all participants 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. Vayunanadan, VC, YCMOU shared the initiatives by YCMOU in recent times. He shared the growth of the university due to continuous efforts of university members. Prof. Srikant Mohapatra, VC, OSOU congratulated YCMOU and CEMCA for the initiative of capacity building of the faculty members. He also stressed on the need of use of technology for enhancing the reach to
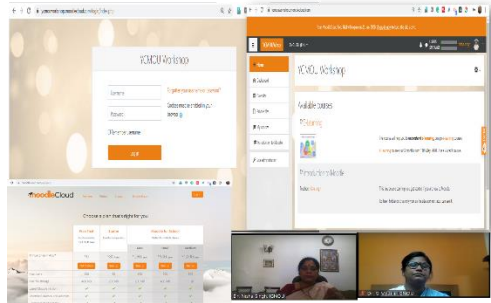
learners. All open universities should make use of technology and offer online programmes. He shared that OSOSU is also in process of developing Online programmes. He also talked of the Moodle as robust LMS. The vote of thanks was proposed by Dr. Hemant Rajguru, workshop coordinator.


Sessions Details
Day 1: 11th 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 MOODLE on moodlecloud.com • design Quadrant 2 (e-Content) of SWAYAM • upload the e- Content on their moodle cloud account

The first session was focused on Quadrant 2 of the SWAYAM i.e. on the e-text. As it is open university there were SLM available and thus the participants were requested tothe select the SLM on the topic they wanted to develop MOOCs on.Thescenario 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).

Assignment for the Day 1: Create account on moodlecloud.com. Rename the site name. Create a course on the site and upload SLM as e-resource.
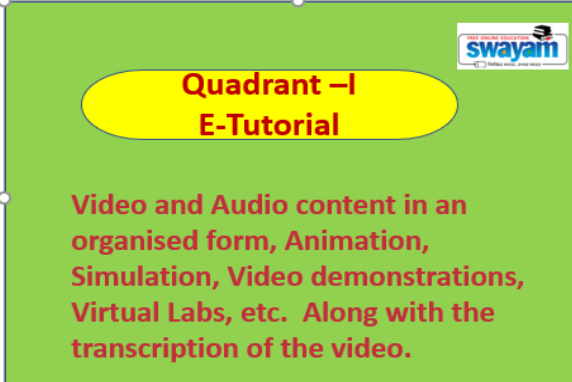
Afternoon session: 2.00 pm -4.00 pm (Asynchronous -WhatsApp Group)
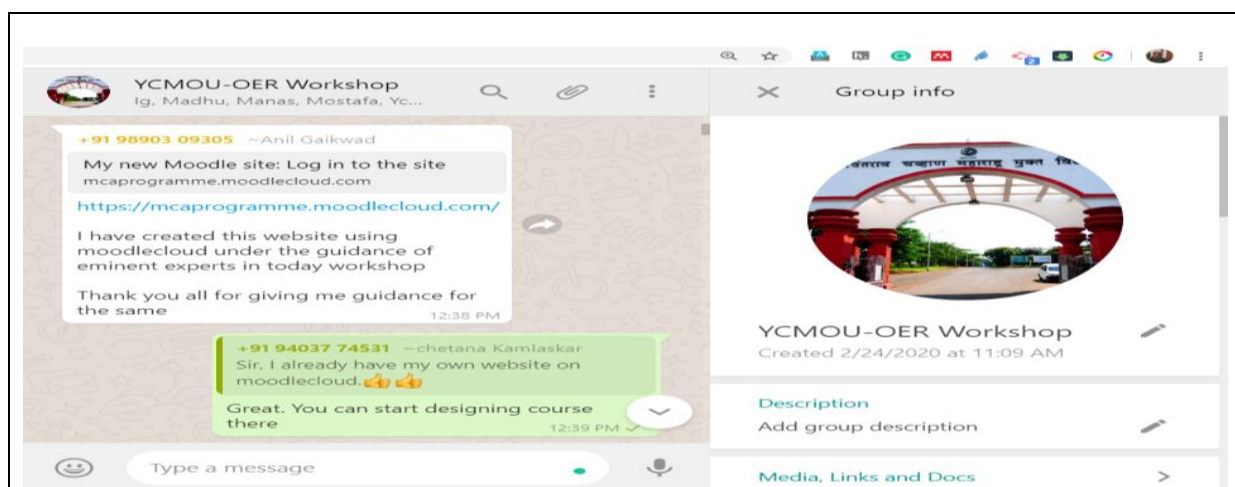
The second session was focused on facilitating hand-on learning. The queries were solved through asynchronous mode over WhatsApp. The task for the day one was to create to demonstrate the achievement of day 1 objective.

Day 2: May 12th, 2020

Forenoon Session: 10.30 am to 12.00 pm

Video Content Development (SWAYAM Quadrant 1) Video Content Development (Swayam Quadrant 1)	**Quadrant –I** **E-Tutorial** **Video and Audio content in an organised form, Animation, Simulation, Video demonstrations, Virtual Labs, etc. Along with the transcription of the video.** swayam	Participants were able to • Develop Videos • Upload developed video on their Moodle site

On the second day, the focus was on the Quadrant 1 of the SWAYAM i.e. E-tutorials 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 minutes video. Therefore, in this lockdown scenario it was suggested that the open source and free ware software for video creation may be used. Development of Video using Screencast-O-Matic and Free CAM was demonstrated by Dr. Nisha Singh.

The uploading of video content on MOODLE was demonstrated. The use of various resource options like Label, Page, URL were demonstrated one by one so that the participants are clear about the selection of the type of upload by the participants.
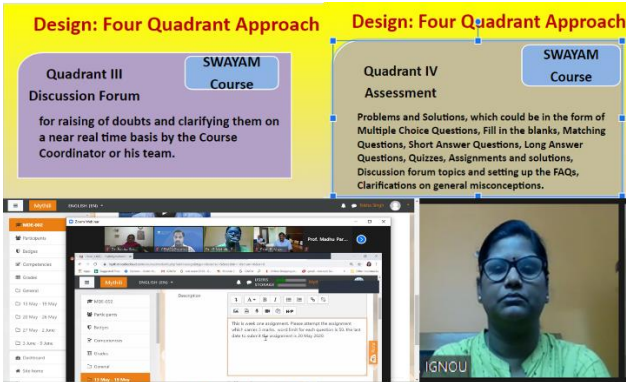
Assignment for Day 2 was to create 2 to 5-minute video introducing the course they planned to design and upload on Moodle site.

2nd 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 to demonstrate the achievement of day 2 objective.

Day 3: 13th May, 2020

Morning Session: 10.00 am to 12.30 am

Discussion Forum (SWAYAM Quadrant 3) Assessment (SWAYAM Quadrant 4)		Learners were able to • Create Discussion Forum • Design Formative and Summative Evaluation

The first session of the third day of the workshop focused on an important aspect of the SWAYAM MOOC courses i.e. discussion forum and assessment. The Quadrant III is for creating Discussion Forum and Quadrant IV is for creation of Assessment. 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 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 can also 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 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 the presence of Vice Chancellor of IGNOU, Prof. Nageshwar Rao. His presence enthused the participants. Prof. Madhu Parhar appraised the Chief Guest, Prof. Nageshwar Rao regarding the workshop proceedings of the past

three days. Dr Manas R. Panigrahi moderated whole concluding session.

Prof. Nageshwar Rao, VC, IGNOU talked about the importance of these faculty development endeavours in the covid times. He appreciated the collaborative initiatives by CEMCA and YCMOU for e-learning. He also stressed on the importance of e-content. He stressed on the
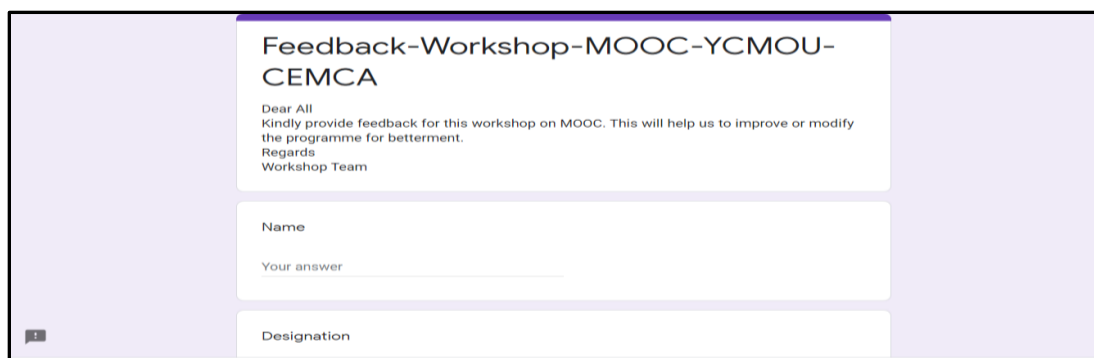
importance of digital initiatives by Government of India like SWAYAM, SWAYAMPrabha, National Digital Library, E-PG Pathshala, especially in this Covid Pandemic times. He shared the IGNOU's efforts to develop MOOCs and Online Programmes. He encouraged that open universities should come forward to make their mark on the SWAYAM Platform. He emphasized that the future is with electronic form of teaching and learning and the sooner we adapt the better it will be. He cautioned all about being careful about the quality of the e-content and e-learning. He appreciated the capacity building efforts by CEMCA. Prof. Vayunanadan appreciated the efforts of the faculty and thanked CEMCA for the support in these endeavours. He also saw some of the e-content developed by the participants during the workshop. In the end, Dr. Hemant Rajguru proposed vote of thanks. He appreciated the dynamic leadership of Prof. Vayunanadan. He also

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 through 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 account was created in all Moodle sites so that others can also visit he sites of others.

FEEDBACK

The participants were requested to fill in the feedback form.

Feedback-Workshop-MOOC-YCMOU-CEMCA

Dear All
Kindly provide feedback for this workshop on MOOC. This will help us to improve or modify the programme for betterment.
Regards
Workshop Team

Name

Your answer

Designation

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
47 responses
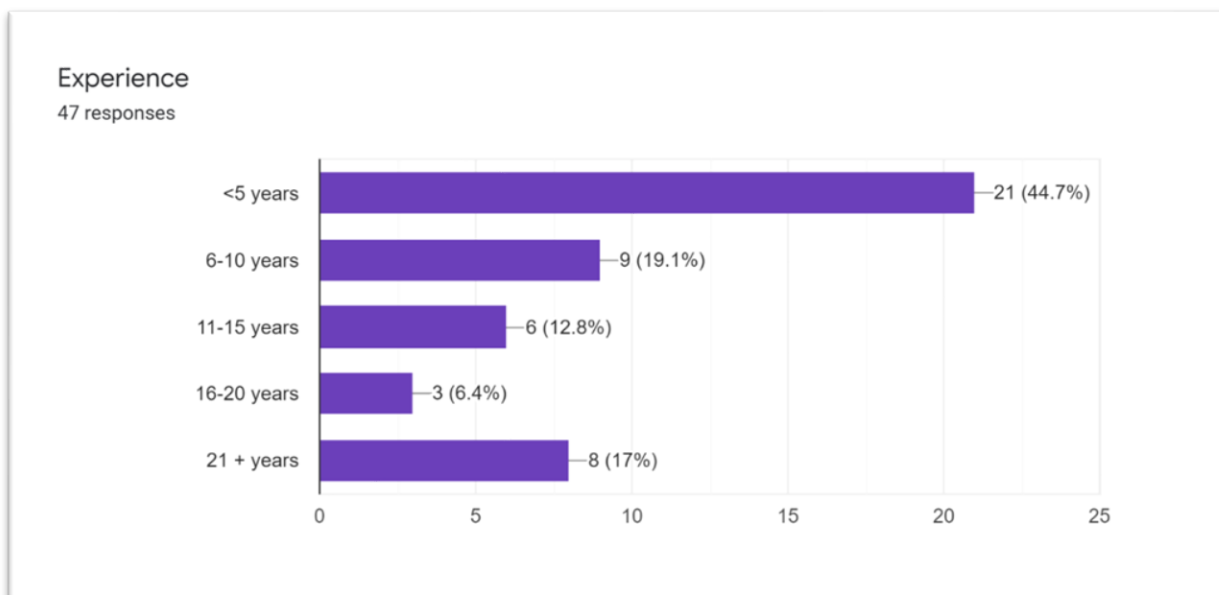
While analyzing the experiences of the participants, 44.7% of the YCMOU faculty have less than 5 years, 19.1% have 6-10 years experiences and 12.8% have 11-15 years of experiences. Interestingly 17% of participants have more than 21years experiences this shows that YCMOU faculty were keen to learn and are expected to design and develop courses for the Swayam portal and also their own inhouse LMS platform.

Programme Content (Please click your response to the items. Rate aspects of the programme on a 1 to 5 scale)
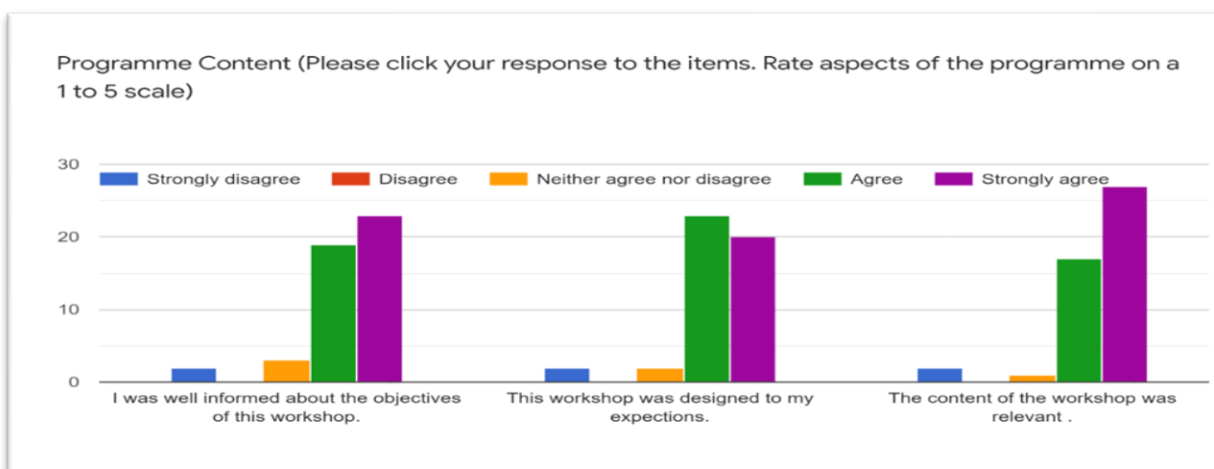
TheYCMOU faculty replied on the content of the programme. Out of 47 participants, 23 were strongly agreed and 19 were agreed that the objectives of the workshop were well informed to them. 20 were strongly agreed and 23 were agreed that the workshop was designed to their expectations.

27 were strongly agreed and 17 were agreed that the content of workshop was relevant. Very few (2 participants) were not satisfaction with the content of the workshop. Even through this workshop was organized in short notice during lockdown, the content of the programme reached to the participants.
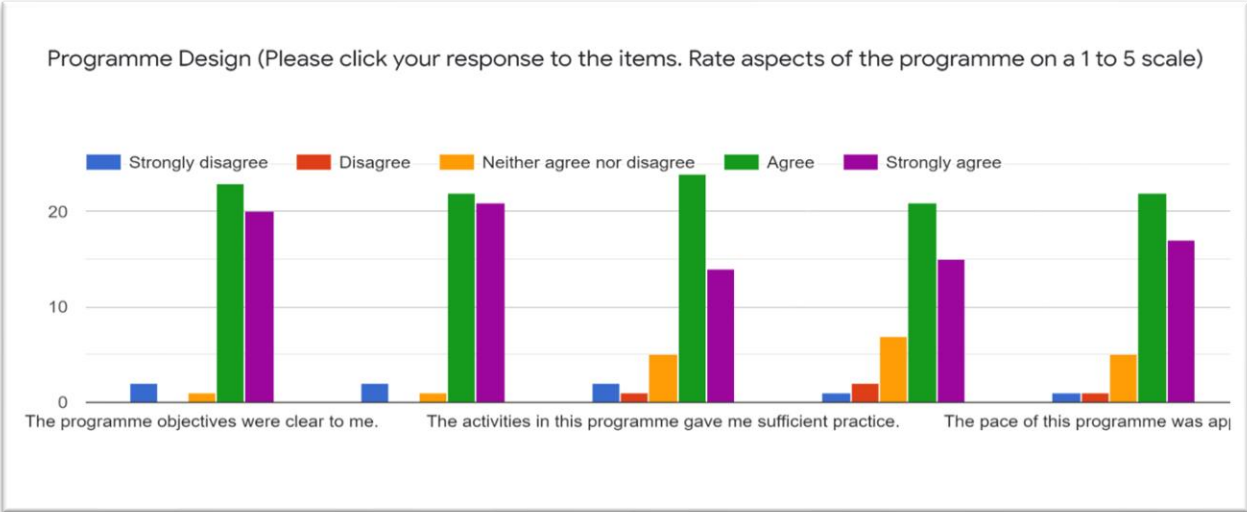
While analyzing the reply of design of the workshop, 20 and above participants were expressed that the objectives of the workshop were clear and the pace of the workshop also appropriately organized. They said that adequate time had given to practice time for activities. This is because of the design of the workshop as half of day was given to practice the activities which are monitored through WhatsApp.
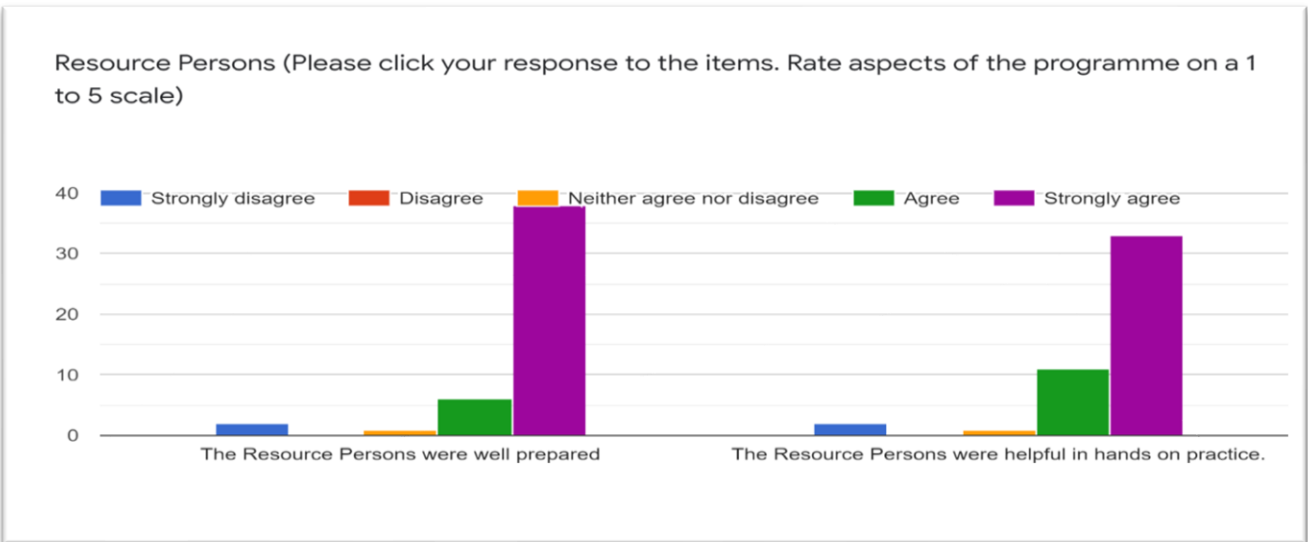
33-38 participants expressed that the resource persons of the workshop were well prepared for their sessions and helped in hands on practice on LMS.

Programme Results (Click your response to each item.)
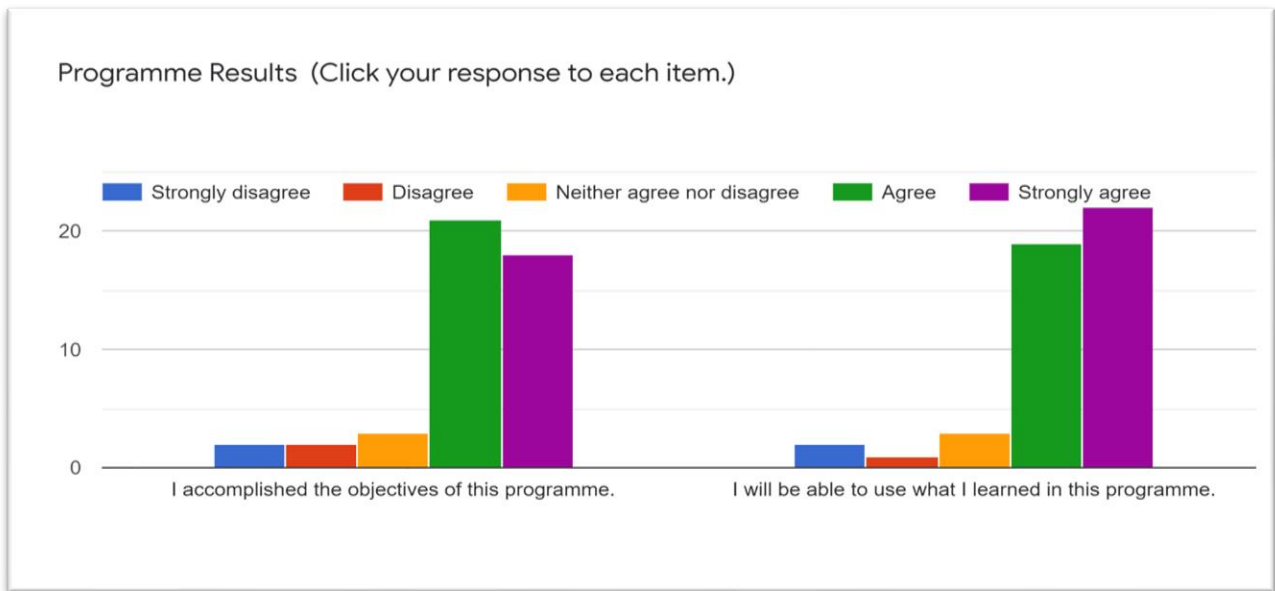
It is noticed from the above figure majority of the participants agreed that the workshop objectives were achieved during three days and agreed to apply in the teaching learning after the workshop. This implies that the effort of workshop was reached to the participants which is the gain of the university. Very few were shown dissatisfactory which can be taken up in future.

How would you improve this programme? (Click all that apply.)

42 responses
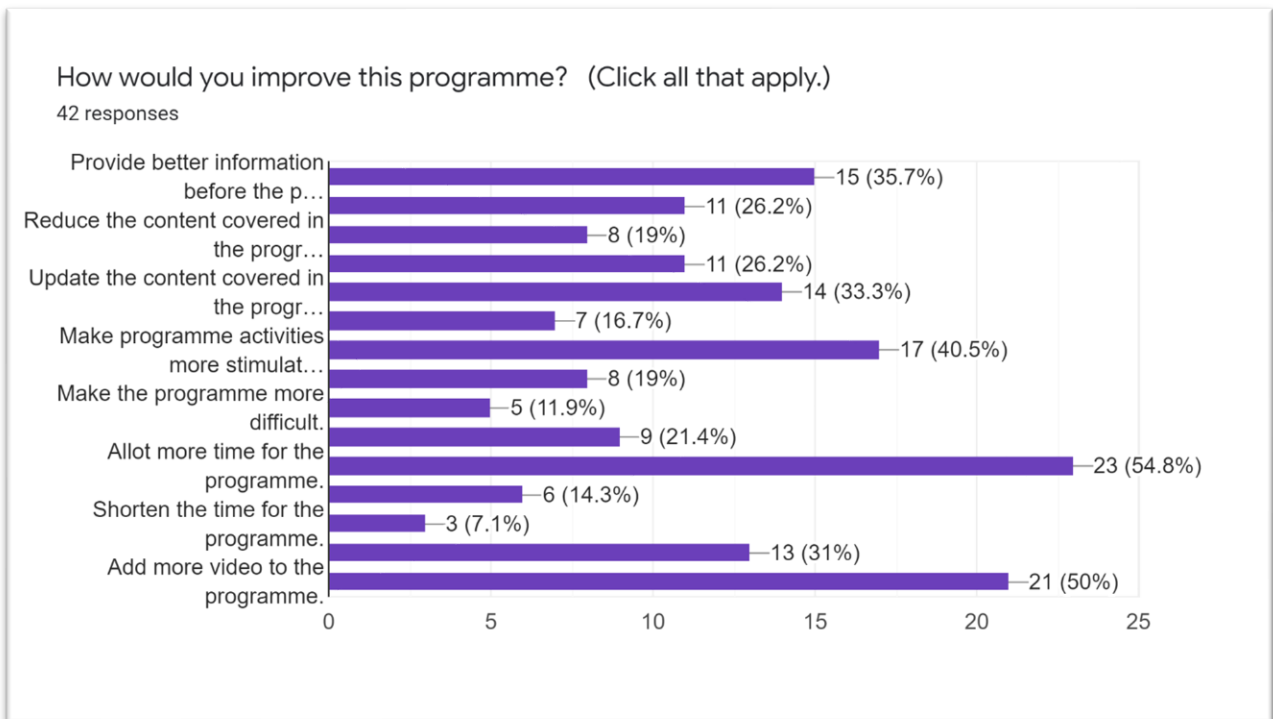
The above figure shows the participants view on improvement of the workshop in future. 54.8% participants expressed that more time can be allotted to the workshop, 50% stated that more

videos/tutorials can be added for future references and 40.5% said that there should be more activities which stimulate the programme. Similarly, 35.7% asked to provide workshop related information before the programme, 33.3% expressed that to update the content covered in the programme. The participants feedback helps to organizers and the resource persons for updating themselves in future programmes.

Some important suggestions from the participants

The following suggestions were highlighted for future programmes

- Hand's on practices must require for all participants
- Workshop maybe conduct mix English and Hindi language.
- Should be more descriptive about the lecture
- There should be a lecture series of the subject of each 30 to 40 minutes & break of five minutes after every lecture.
- Though the program was allowed to attend on phone also, I found it difficult to implement the things which I learnt, immediately on phone, for the practice.
- Please consider backgrounds of participants
- Need guidance in future also
- The workshop was satisfactory. The only issue was with network connection either on the host side or the participant side which resulted in interruption of the flow of the programme.

Appendices

Appendix 1. Inauguration Schedule

Commonwealth Educational Media Centre for Asia (CEMCA)
And
Yashwantrao Chavan Maharashtra Open University, Nashik

Cordially Invite you for the Inauguration of
Three Days Online Workshop for Capacity Building of Teachers
on
Development of MOOCs for ODL Learners
During 11th-13th May 2020

on 11th May at 10.30 A.M. through virtual platform

Inaugural Address
Prof. E. Vayunandan
Vice Chancellor
Yashwantrao Chavan Maharashtra Open University, Nashik

Key Note Address
Prof. Madhu Parhar
Director, CEMCA, New Delhi

Overview
Dr. Shrikant Mohopatra
Vice Chancellor
Odisha State Open University

Concluding Remarks
Dr. Dinesh Bhonde
Registrar, YCMOU, Nashik

Dr. Manas Ranjan Panigraghi
Sr. Program Officer
CEMCA, New Delhi

Dr. Hemant Rajguru
Workshop Coordinator
YCMOU, Nashik

MOOCs

RSVP : Shri. Chandrakant Pawar, Assistant Registrar, YCMOU, Nashik

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During 11ᵗʰ -13ᵗʰ May 2020

Programme Schedule

Online Sessions: via Zoom . Link of the schedule sessions will be sent through mail to all the participants and resource persons.

S. No	Time	Activity Session	Experts	Outcome
Day 1: 11.05.2020				
1	10.30am-10.40am	**Inauguration** Introduction: Goals of the workshop and its outcomes Address by Prof. E. Vayunandan,, VC, YCMOU Address by Dr. Shrikant Mohapatra, VC, OSOU Address by Prof. Madhu Parhar, Director, CEMCA Workshop Overview	Prof. E. Vayunandan, Dr. Shrikant Mohapatra Prof. Madhu Parhar Dr. Manas R. Panigrahi Dr. Hemant Rajguru	
2	10.40am-11.30am	Designing MOOC through Moodle (SWAYAM Quadrant 1)	Dr. Nisha Singh and Dr. G. Mythili	Learn about MOODLE Learn to Upload the textual Content
3	11.30am-12.00Noon	Uploading Content (SWAYAM Quadrant 1)	Dr. Nisha Singh	Learn e Content Development
Day 2: 12.05.2020				
4	3.00pm-3.45pm	Video Content Development	Dr. Nisha Singh	Develop Videos

		(SWAYAM Quadrant 2)		
5	3.45-4.30	Video Content Development (Swayam Quadrant 2)	Dr. Nisha Singh	Multimedia Development
		Day 3: 13.05.2020		
6	10.30am-11.00am	Discussion Forum (SWAYAM Quadrant 3)	Dr. G. Mythili	Design Assessment Questions
7	11am-11.55am	Assessment (SWAYAM Quadrant 4)	Dr. G Mythili	Learn Formative and Summative Evaluation
8	11.55am-12 Noon	Closing: Addresses by Chief Guest: Prof. Nageshwar Rao, VC, IGNOU Prof. E. Vayunandan, VC, YCMOU Prof. Madhu Parhar, Director, CEMCA, Dr. Hemant Rajguru, Workshop Coordinator	Prof. Nageshwar Rao, Prof. E. Vayunandan, Prof. Madhu Parhar, Dr. Hemant Rajguru,	

Appendix 3
List of Participants
CEMCA - YCMOU Online Workshop on
Development of MOOCs for ODL Learners
Date(s): 11 - 13 May 2020

YCMOU Faculty and Coordinators for Online MOOC Workshop

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