Online Capacity Building of Teaching and Academic Staff on Development of MOOCs for ODL Learners

22-25, June 2020

Oranised by

Commonwealth Educational Media Centre for Asia (CEMCA)

&

Krishna Kant Handiqui State Open University (KKHSOU)

<p style="text-align:center">**CEMCA-KKHSOU**</p>

<p style="text-align:center">**Online Capacity Building of Teaching and Academic Staff on Development of MOOCs for ODL Learners**</p>

<p style="text-align:center">**Commonwealth Educational Media Centre for Asia (CEMCA)**</p>

<p style="text-align:center">**And**</p>

<p style="text-align:center">**Krishna Kant Handiqui State Open University (KKHSOU)**</p>

<p style="text-align:center">**(Date: 22-25, June 2020)**</p>

Background

Teaching and Learning has changed during Covid 19 Pandemic rapidly even through the technological intervention started the 21st century. The Ministry of Human Resource Development, Government of India has taken encouraging initiative and launched SWAYAM MOOCs programme designed to achieve the three cardinal principles of Education Policy viz., Access, Equity and Quality.

Open Universities in the last more than 20 years have moved from print material to web-based courses for delivery of instruction. With the emergence of new technologies, the universities have to move fast and keep the pace with the rest of the world.

Keeping this new technological development in view, the teachers should be prepared to meet the challenges of the future. In this connection, KKHSOU in collaboration with CEMCA organized four-day workshop on development of MOOCs for ODL learners.

Objectives

The training objectives of this three day workshop were to:

- Describe the SWAYAM guidelines, develop proposal for MOOC on SWAYAM
- Learn OER licensing and find OER for respective course
- Find the suitable OER for the selected course
- Create account on Moodle and a course and use on Moodle
- Develop e-Content and upload it on Moodle
- Develop Videos using various free video development tools
- Create an assignment in Moodle for the online course
- Design Assessment Questions and interactivity
- Analysis quality parameters for online courses

Venue

The four-day workshop was held through online using Cisco Webex**.**

Dates

The programme organized from **22-25 June, 2020**

Participants

The training programme accommodated faculty members from KKHSOU list of participants enclosed in appendix-2.

Methodology

This training is awareness and Capacity Building programme to the faculty of university in developing Online Courses. The methodology used for the training made full use of experiential learning methodologies. Accordingly the programme used structured presentations on the new concepts. After the brief presentations, the faculty worked individually at home and explores the usefulness of the new technology for their courses.

Schedule

A detailed schedule is enclosed in Appendix-1

Coordinators

Dr. Prasenjit Das

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Prof. Madhu Parhar

Director, CEMCA

Email: mparhar@col.org

Dr. Manas Ranjan Panigrahi

Sr. Programme Officer

Email: mpanigrahi@col.org

Resource Person (s)

Dr. G. Mythili
Deputy Director, STRIDE, IGNOU
gmythili@ignou.ac.in

Workshop Proceedings

Day One (22 June, 2020)

Inaugural Session

Prof. Madhu Parhar, Director, CEMCA inaugurated the workshop. She expressed her gratitude towards the active participation of the faculty during Covid 19 pandemic lockdown to attend the workshop. She highlighted the SWAYAM project of MHRD and invited the faculty to develop MOOC on SWAYAM. She also highlighted the MOOCs and OER which will be the future of ODL. She also emphasized the capacity building programme to develop the skills on technological aspects of teaching learning process and development in online environment.

She welcomed Dr. G. Mythili, Resource Person from IGNOU, Dr. Dr. Manas Ranjan Panigrahi, the Sr. Programme Officer, CEMCA and Dr. Prasenjit Das, the workshop coordinator. She requested the participants to gain skills to develop online course on Moodle. The workshop coordinator proposed the formal vote of thanks to conclude the inaugural session.

Session 1: Guidelines of MHRD for SWAYAM

In the first session Prof. Madhu Parhar explained in detail about the online courses Initiatives of GOI in Higher Education through SWAYAM. She also highlighted SWAYAM Guideline 2017 and Online Regulation 2018 and explained the institutions requirement to initiate the online learning and MOOC. The format for SWAYAM proposal was discussed with sample. The session was participatory followed by the interactions and views of the participants regarding the proposals of MOOC submitted to SWAYAM national Coordinator.

Session 2: OER and Licensing Issues

Dr. Manas Ranjan Panigrahi explained the importance OERs and its uses in the Open Distance Learning System. Further he explained the understanding of the OERs with 5Rs namely, Reuse, Revise, Remix, Redistribute and Retain. Then he discussed regarding the Creative Common License and the Relationship with the Concepts. Creative Commons by Concepts –Attribution, Share Alike, Non-Commercial and Non-Derivatives. He further discussed how to search of OER and the Quality Assurance of OERs in detail. Then the participants are requested to register the course on https://learnoer.col.org/ for gaining knowledge on OER and concepts.
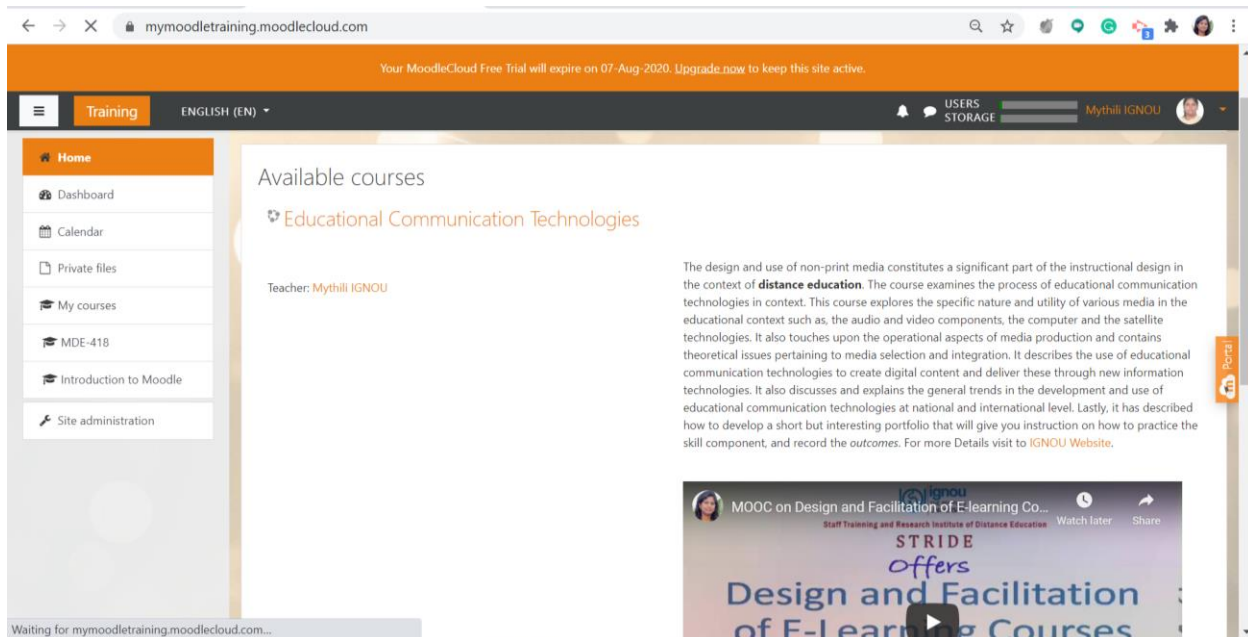
Session 3: How to Identify OER

The third session of the day 1 was taken by Dr. G. Mythili. She has displayed many OER repositories. The repositories are categorized by subjects, media, course, etc. the resource person demonstrated that how the OER material can be searched through Google advance search, Creative commons and OER commons. Also she highlighted to search OER videos on YouTube. Further comparable table for mixing of different OER licensing were discussed. She explained how to cite the OER material as reference or include in the course content. Participants were asked to indentify suitable OER for the selected course.

Day Two (23 June, 2020)

Session 4: Various Platforms for Online Programmes; Designing MOOC through Moodle (SWAYAM Quadrant 1)

Second day, first session was taken by Dr. G. Mythili. She explained and demonstrated the online portals specially SWAYAM portal and its features. Followed by she introduced the Moodle (Modular Object Oriented Dynamic Learning Environment) platform to the participants and explained that Moodle is a free and open source learning management system (LMS) distributed under the General Public License. Moodle is used for blended learning, distance education, flipped classroom and other elearning. The resource person provided the hands-on training for creation of an account in the Moodle cloud platform and each participant was asked to create a Moodle account and register the same in the Moodle cloud. Subsequently the participants were asked to Login to the Moodle account using the credentials that they have created and asked them to edit their profile by uploading their photograph and brief bio data. She also explained and demonstrated how to create a course. She trained the participants about uploading the course objectives, adding the contents to the course, inserting the introductory video, adding the videos from YouTube available under creative common license in the content.

**Session 5: Uploading Content (SWAYAM Quadrant 2)**

The resource person of this session, Dr. Mythili demonstrated how the resource/study materials can be uploaded in the Moodle. A Resource is study materials that the teacher can use for learning, such as a file or web link. Each resource appears as a link by an icon that represents the resource type (File, Folder, Page, URL, label, IMS packages etc.). Most resources allow settings such as conditions for viewing, or display properties. They can be moved, hidden, and edited by a Teacher or Course creator, but only viewed/downloaded by students. Dr. Mythili demonstrated

each component and asked the participants to practice and upload the relevant materials to their course.

Day Three (24 June, 2020)

Session 6: Video Content Development (Swayam Quadrant 1)

E-Tutorial is one of the major components in the four-quadrant approach of MOOC on SWAYAM portal. The resource person demonstrated various free and online video content development tools. She explained the features of CamStudio, OBS, Freecam, Screen-o-Matics, APowerRec and Screencastfy. She demonstrated the tools with example and output files. She also explained to link and upload the created video files into Moodle and google drive.
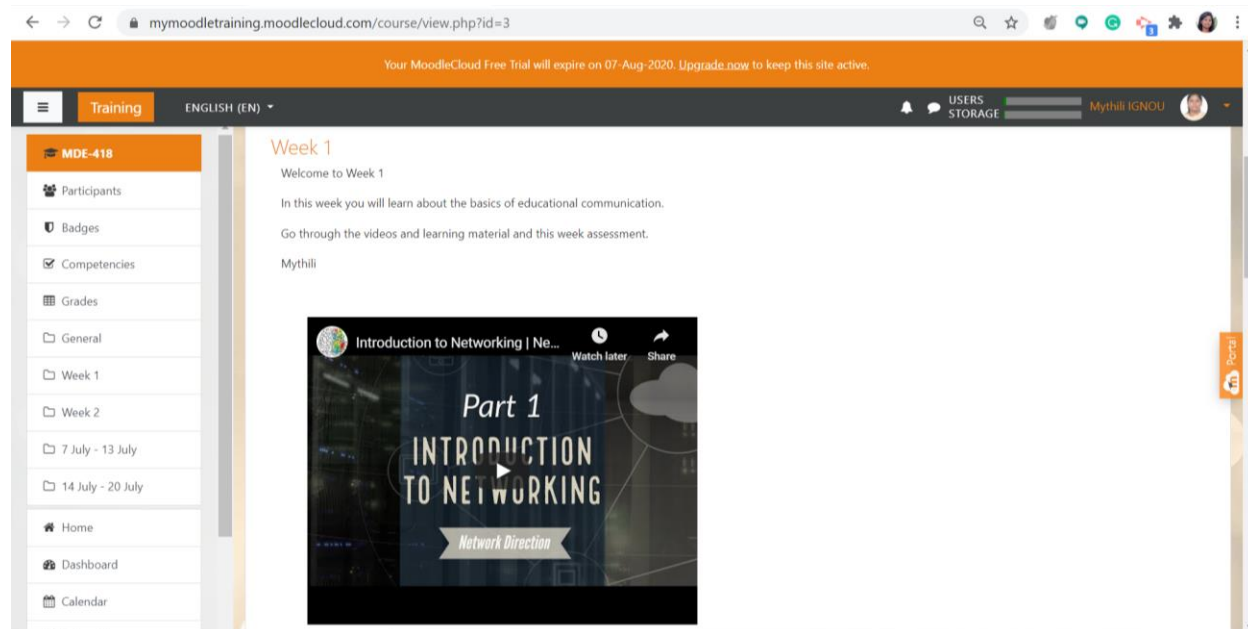

Session 7: Discussion Forum (SWAYAM Quadrant 3)

In this session, the resource person explained how to engage the students with discussion forums on Moodle. Discussion forums are the interactive tool built into Moodle for asynchronous discussion. Discussion forums can be used to get students communicating and interacting among themselves under moderation by the teacher. They can also be used for peer reviews/comments and assessment of student activities. Each participant was asked create discussion forum in their course and created post on it. She demonstrated the process of adding students to courses. She explained various methods of enrolling students into courses, once they have logged in to Moodle.
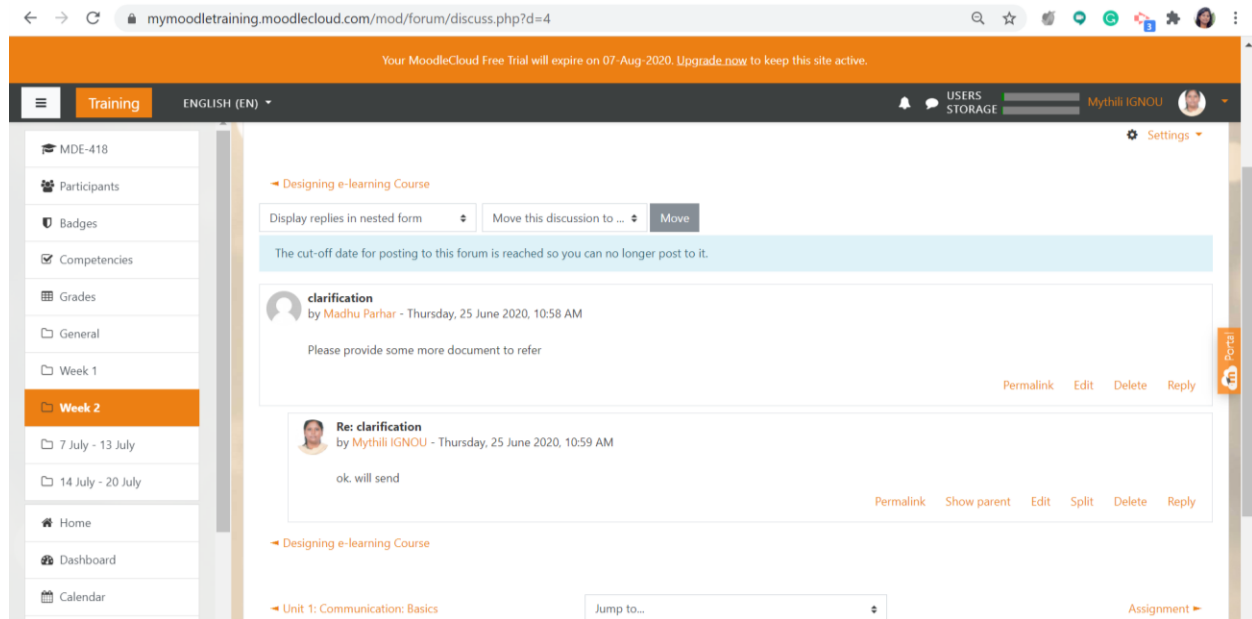
Session 8: Assessment (SWAYAM Quadrant 4)

The resource person, Dr. Mythili explained the benefits of activities in Moodle which are interactive tools used to engage students in learning and assess their progress. Moodle includes forums, assignments, and quizzes She explained and demonstrated two activities (assignments and quiz). Step by step instructions were given to the participants to create assignments and quiz for their course. Each participant asked to create an assignment and quiz on Moodle.
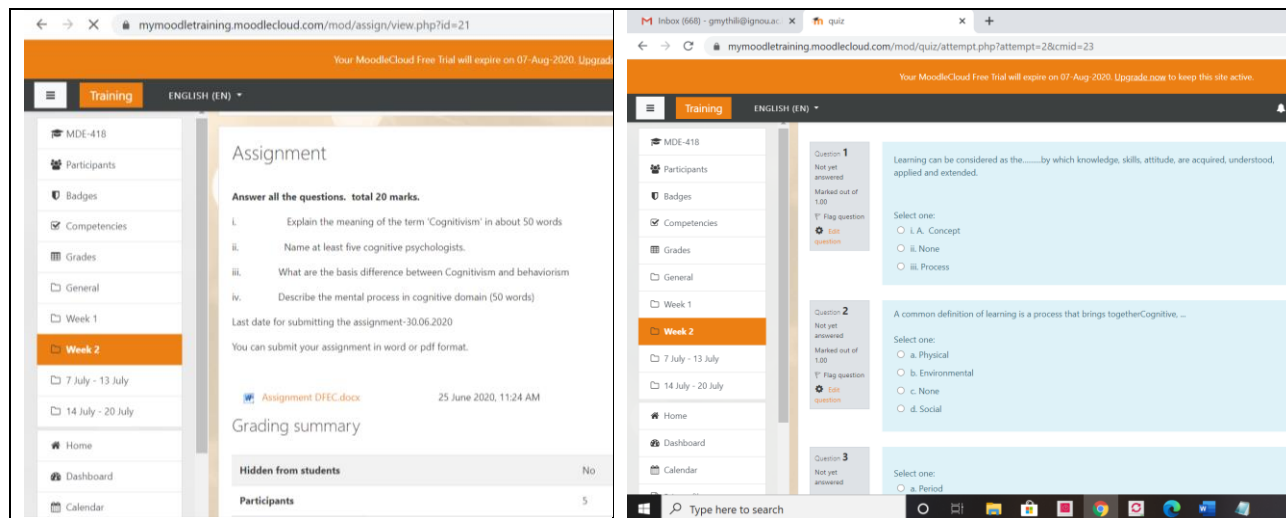
Session 9: Quality Parameters for Online Courses

In this session, the quality parameters for online curse and OER were discussed. Quality online course linked with quality learning. Quality online course should provide quality course design, quality in content development, quality in teaching learning, quality in assessment and quality in course evaluation. OER quality parameters also discussed.

Valedictory Session

Prof. Madhu Parhar, Director, CEMCA welcomes the Vice Chancellor of KKHSOU, Prof. Kandarpa Das and the participants and resource person to the valedictory session. She presented brief report on the 4-day workshop. Some of the participants expressed that the workshop provided skills to develop online course on Moodle. While delivering the valedictory address, Prof. DAs expressed his graduate and congratulated the participants for successful completion of online workshop. He added that the future of the distance learning is moving into technology based learning. He asked the faculty to equip themselves with latest technology. He explained the benefits of capacity building. He congratulated the CEMCA, COL for their effort towards this workshop. The workshop ended with vote of thanks.

Participants Feedback Report

A feedback form was design and distributed to the participants to collect their feedback about the workshop. The important feedback was highlighted here.

Participants Experiences

The analysis revealed that experiences of the participants, 58.6% of the KKHSOU faculty have 11-15 years, 41.4% have less than 5 years years experiences and only 3.4% have 16-20 years experiences this shows that KKHSOU faculty were keen to learn and are expected to design and develop courses for the Swayam portal.
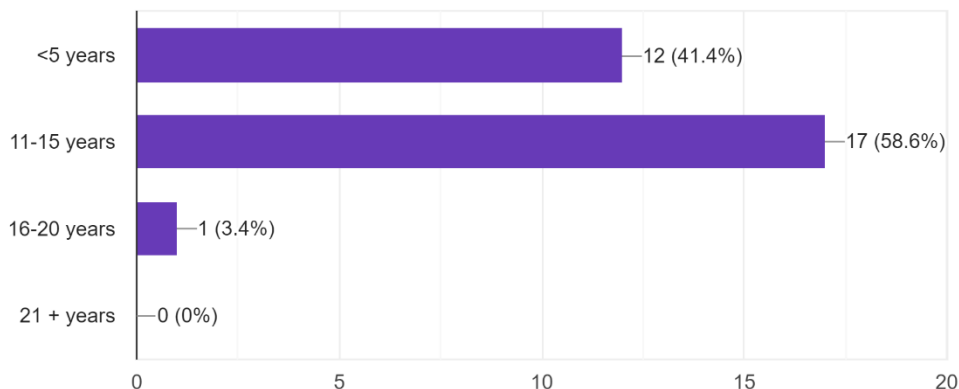
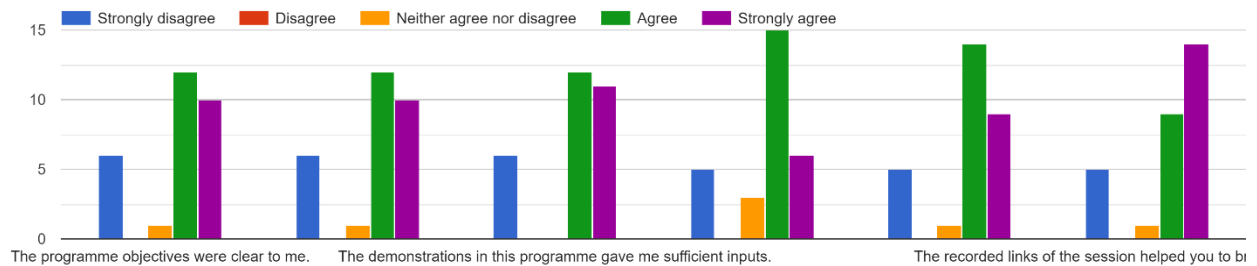**Participant's View on Programme Content**

The KKHSOU faculty replied on the content of the programme. Out of 29 participants, 7 were strongly agreed and 14 were agreed that the objectives of the workshop were well informed to them. 9 were strongly agreed and 13 were agreed that the workshop was designed to their expectations. 10 were strongly agreed and 10 were agreed that the content of workshop was relevant. 7 participants were not satisfaction with the content of the workshop.
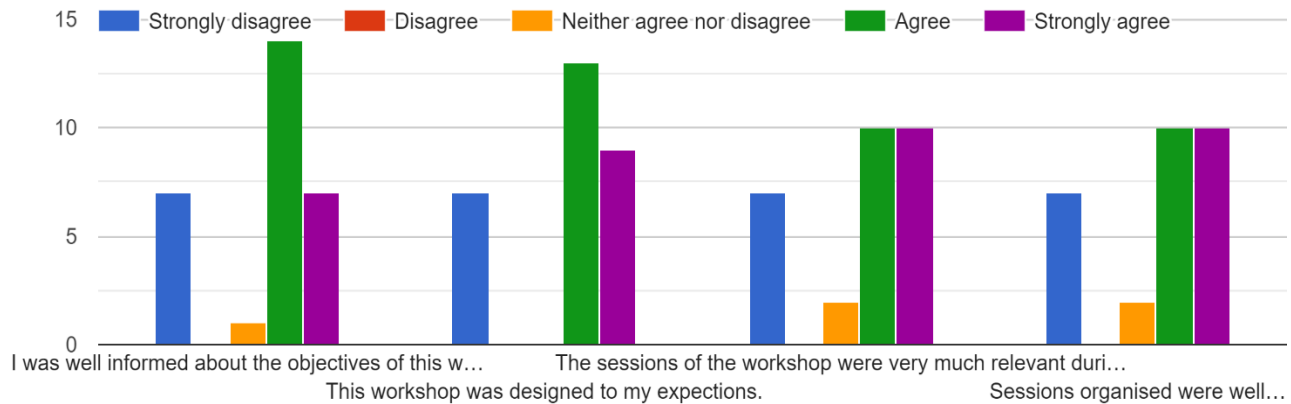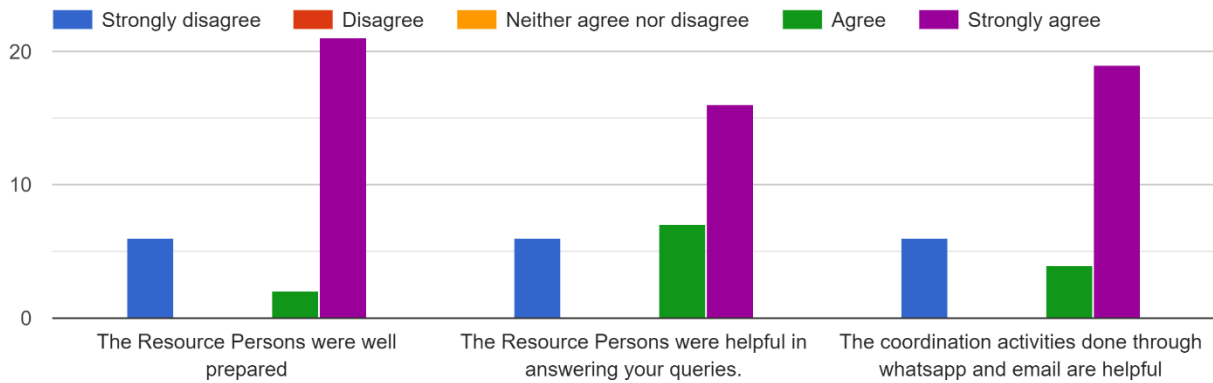
Participant's View on Programme Design

While analyzing the reply of design of the workshop, 12 agreed and 10 participants strongly agreed that the objectives of the workshop were clear and the pace of the workshop also appropriately organized. 12 participants agreed and 10 strongly agreed that demonstrations in this programme gave sufficient inputs 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.
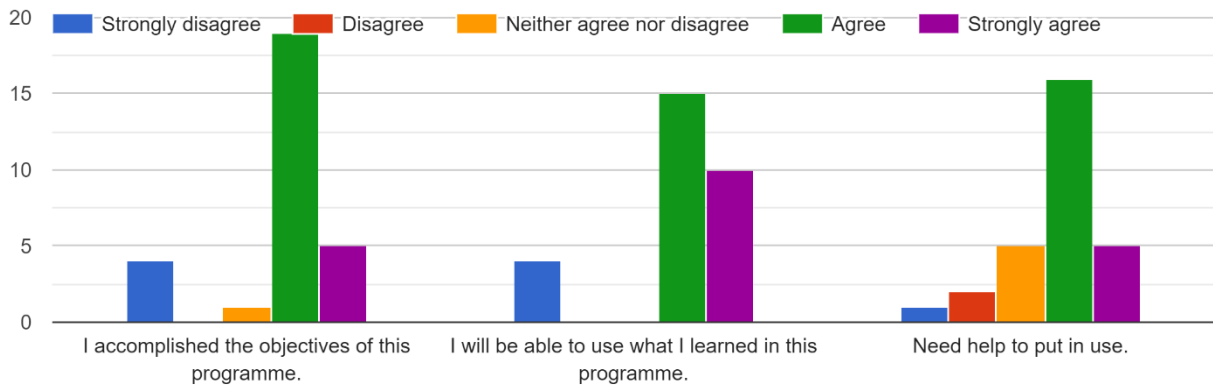

Participant's View on Programme Design

Most of the participants of the workshop expressed that the resource persons of the workshop were well prepared for their sessions and helped in hands on practice on LMS.

Participant's View on Programme Results

19 participants agreed that the workshop objectives were contented during three days and 15 participants agreed to apply in the teaching learning after the workshop. 16 participants said that they need help when they practice and apply in the development of online courses. This implies that the effort of workshop was reached to the participants which is the gain of the university.


Participant's View on Self-Pace Delivery

14 participants agreed and 7 participants strongly agreed that the programme was a good way for me to learn the content. 18 participants agreed that additional References Links were provided during the session and post-session. 13 participants agreed and 10 participants strongly agreed that PPTs of the sessions were provided and will be helping us and 17 participants recordings of all the sessions were provided for repeat and review. A very few participants disagreed on these points.
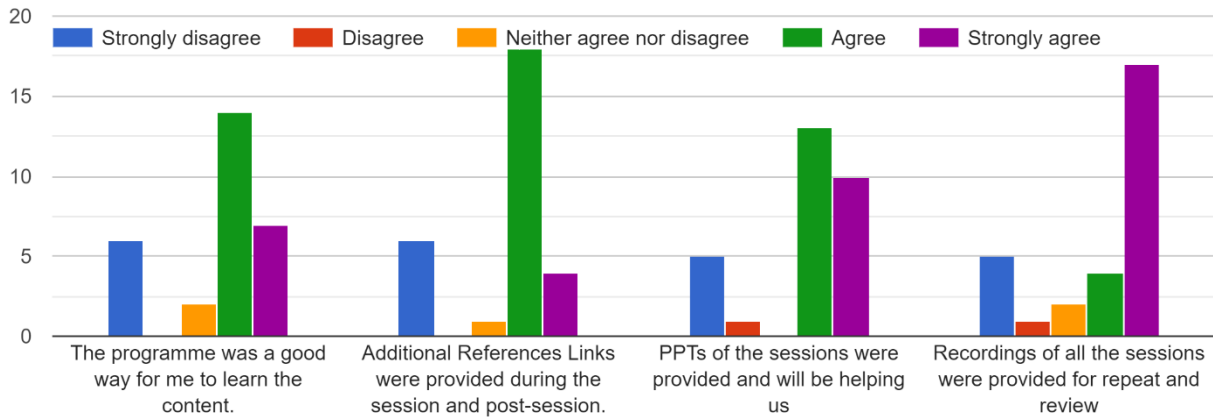
Participant's Suggestions to Improve the Programme

The participants expressed their views on improvement of the workshop in future. 65.5% participants expressed that more time can be allotted to the workshop, 24.1% stated that more videos/tutorials can be added for future references and 34.5% said that there should be more activities which stimulate the programme. 35.7% asked to provide workshop related information before the programme, 41.4% 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.
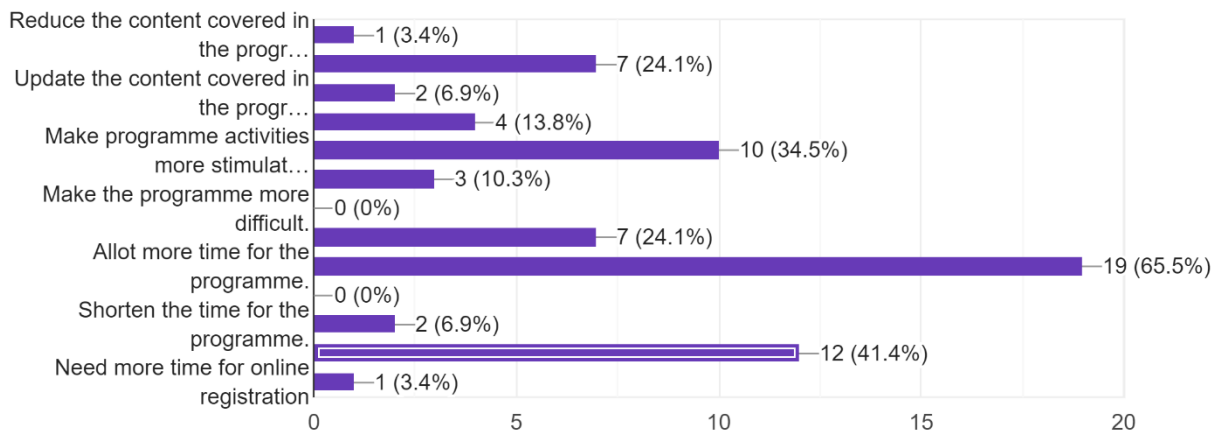
Some important suggestions from the participants

- While the programme was very apt and of much relevance, it seemed at time it was too fast paced and difficult to catch up with the video demonstration. However, the additional materials helped to keep up.
- Learned a lot
- Small interval between the sessions breaks the monotony.
- Workshop of this kind bears more fruitful result in contact mode. Yet, keeping in view the present pandemic situation this is the best way to organise the workshop.
- Would like to have more hands-on experience session for the participants
- As a faculty member teaching literature(Assamese) i would like to suggest that CEMCA can think of designing some motivating and innovative modules related to creation of multimedia learning materials or in blended form so that new applications can be done in regard to teaching Regional Literature to Online learners and storing those study materials in moodlecloud.

PROGRAMME SCHEDULE

Day 1: 22.06. 2020				
S. No	Time	Activity Session	Experts	Outcome
1	10.30am-10.50am	**Inauguration** Introduction: Goals of the workshop and its outcomes Address by Vice-Chancellor, KKHSOU Workshop Overview	Prof. Khandarpa Das VC, KKHSOU Prof. Madhu Parhar, Dr. Manas R. Panigrahi Dr. Prasanjit Das	
2	10.50am-11.30 pm	Guidelines of MHRD for SWAYAM Developing Proposal for SWAYAM	Prof. Madhu Parhar	• Describe the SWAYAM guidelines, develop proposal for MOOC on SWAYAM
3	11.30-12.00pm	OER and Licensing Issues (How to choose and what to choose)	Dr. Manas R. Panigrahi	• Learn OER licensing and find OER for respective course
4	12.00-12.30pm	How to Identify OER	Dr. G. Mythili	• Find the suitable OER for the selected course
Day 2: 23.06.2020				
5	10.30am-11.15am	Various Platforms for Online Programmes Designing MOOC through Moodle (SWAYAM Quadrant 1)	Dr. G. Mythili	• Create account on Moodle • Create a course and use on Moodle • Practice all the components on Moodle
5	11.15am - 12 Noon	Uploading Content (SWAYAM Quadrant 1)	Dr. G. Mythili	• Learn e Content Development • Learn to Upload the textual Content
Day 3: 24.06.2020				
6	10.30am-11.00am	Video Content Development (Swayam Quadrant 2)	Dr. G. Mythili	• Develop Videos
7	11am-11.55am	Discussion Forum (SWAYAM Quadrant 3)	Dr. G. Mythili	• Create interaction among learners

Day 4: 25.06.2020				
8	10.30am-11.30am	Assessment (SWAYAM Quadrant 4)	Dr. G. Mythili	• Create an assignment in Moodle for the online course • Design Assessment Questions • Learn Formative and Summative Evaluation
9	11.30am-12.00Noon	Quality Parameters for Online Courses (Judge the standards of OER)	Dr. G. Mythili	• Analysis quality parameters for online courses
10	12.00Noon-12.15pm	Closing	VC, KKHSOU Prof. Madhu Parhar Dr. Prasanjit Das	

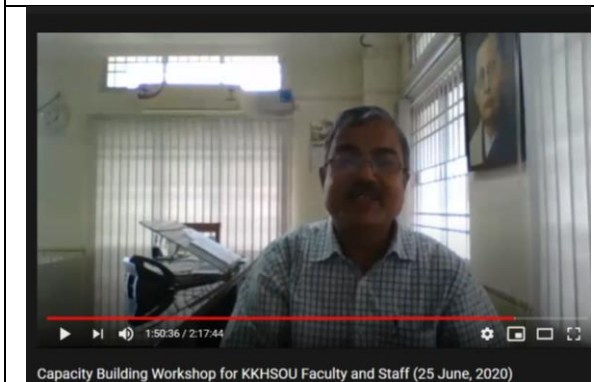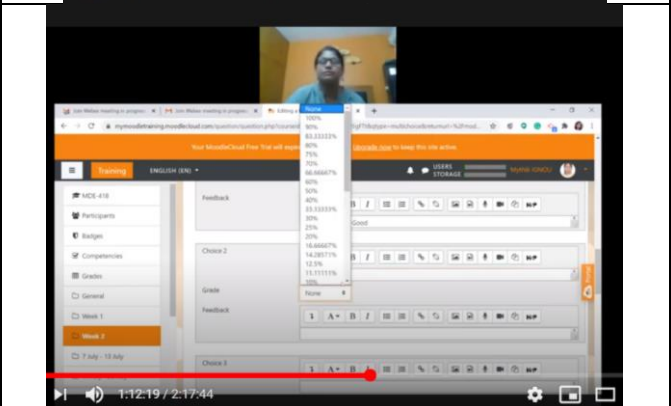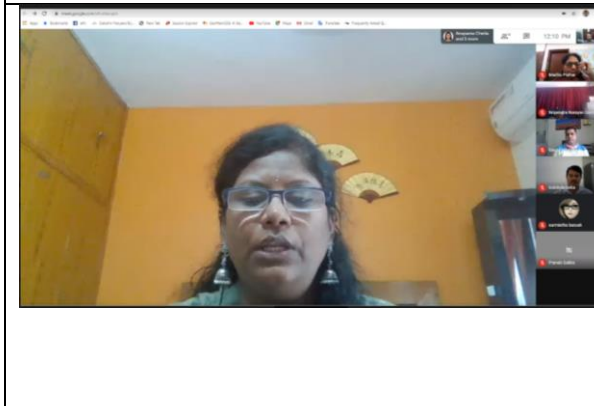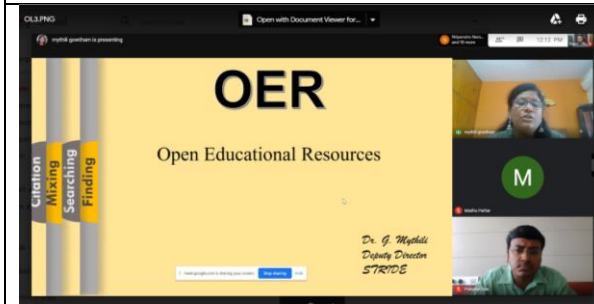• Activities will be monitored through WhatsApp

List of Participants

Name	Designation	Department	Mobile No	Email
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Photo Gallery

Capacity Building Workshop for KKHSOU Faculty and Staff (24 June, 2020)

Capacity Building Workshop for KKHSOU Faculty and Staff (25 June, 2020)

Capacity Building Workshop for KKHSOU Faculty and Staff (25 June, 2020)

WhatsApp Interaction