



# A Report

On

# Workshop

Organized by

CENTER FOR INTERNAL QUALITY ASSURANCE

CENTRAL LIBRARY

SCHOOL OF SCIENCES

on

# Capacity Building Programme On Content Development Using OER

**Published on: July' 2022**

**© 2022 Center for Internal Quality Assurance**



This work is licensed under a Creative Commons Attribution 4.0 International license (CC BY 4.0). This license allows you to share, copy, distribute and transmit the work; to adapt the work and to make commercial use of the work providing attribution is made to the author (but not in any way that suggests that they endorse you or your use of the work). Attribution should include the following information:

Center for Internal Quality Assurance, *Workshop on Capacity Building Programme on Content Development using OER*, Uttar Pradesh-India: Publisher-U. P. Rajarshi Tandon Open University, Prayagraj, 2022, <http://www.uprtou.ac.in/iqac.php?id=64>

**RAPPORTEURS: Dr. Gaurav Sankalp and Mr. Arvind Kumar Mishra**

# Contents

---

<b>1. Introduction</b>	<b>1</b>
1.1 Registration response	<b>1</b>
1.2 Inaugural session	<b>2</b>
<b>2. Day 1 Technical sessions</b>	<b>3</b>
Participants' Expectations from the Workshop	
Assessment result of Attitude Towards OER	
Understanding of OER and OEP	
Discussion on OER related concepts	
Understanding Open Licenses and CC licenses	
Quality issue of OER following TIPS Framework	
<b>3. Day 2 Technical sessions</b>	<b>7</b>
OER Search with different Search strategies	
OER Search with different Search strategies	
Finding OER – Text	
Finding OER – Video; Image; Courseware	
Creating and Curating OER	
<b>4. Day 3 Technical sessions</b>	<b>10</b>
Experiencing with OER repository	
Presentation and Discussion (Uploading, Digitization & Formatting)	
Discussion on participants' queries Sharing of relevant materials Feedback on activities	
<b>5. Evaluation Results</b>	<b>11</b>
5.1 What the participants learned based on their feedback	
5.2 What we learned	
<b>6. Conclusion</b>	<b>14</b>
<b>Appendixes</b>	
1. Brochure, Schedule and List of participants	<b>15</b>
2. Workshop Gallery of the activity	<b>21</b>
3. Graphs	<b>23</b>
4. Group Activity of all schools	<b>28</b>
5. Organizing Committee	<b>30</b>
6. Learning Outcomes	<b>31</b>

## 1. Introduction

A three days' workshop with the theme of “*Capacity Building Programme on Content Development Using OER*” was organized as a joint initiative taken by Center for Internal Quality Assurance, Central Library and School of Sciences, U. P. Rajarshi Tandon Open University, Prayagraj and Commonwealth Educational Media Centre for Asia (CEMCA), New Delhi funded by Commonwealth of Learning, Canada. This is the second workshop on Open Educational Resources held in the University between 19-21 July 2022.

The objectives of workshop are framed to aware and facilitate the participants to involve in the academic enrichment and teaching learning process. In brief following are the objectives of the workshop.

The participants will be able to:

- Describe the journey from Open Access to Open Educational Resources
- Identify OER using creative common licenses
- Search and use OER for teaching and learning
- Create OER using OER through revise, remix method
- Complete COL's 2hrs MOOC on OER and earn a Certificate

The University campus faculty members were the participants in the workshop.

To facilitate the participants, following Online Facilitation is provided by the joint initiative of UPRTOU and CEMCA.

- Synchronous- Face to Face (offline mode)
- Asynchronous: Support to the participants through WhatsApp Group (Flexible)
  - Discussion on participants queries
  - Sharing of relevant materials
  - Quiz
  - Feedback on activities

### 1.1 Registration Response

The registration to the workshop is carried through Google form and 44<sup>1</sup> responses are recorded. The participants from university campus are registered to know the basics and to aware the know-how of the open educational resources. Out of 44 participants<sup>2</sup>, 77.27% are male and 22.72% are female. In the registration form, two basic questions were asked to know the current awareness of the participants:

- a. Are you aware about the Open Educational Resources before?  
56.81% out of 44 says they are aware.
- b. Have you previously attended any workshop on OER?  
45.45% of participants attended the workshop

The expectation of participants is to understand the OER, its licensing activity, how to adopt it in their day-to-day teaching process and how to develop the content through OER. Keeping these

---

<sup>1</sup> See Appendix 1 Brochure, Schedule and List of participants

<sup>2</sup> See Appendix 3 Graphs

things, the experts from CEMCA and Netaji Subhash Open University, Kolkata, West Bengal delivered the lectures in the technical sessions as well as provides the asynchronous support through the WhatsApp group created for this purpose.

## 1.2 Inaugural Session

It was one of its kind events on Tuesday, 19th July 2022 when Center for Internal Quality Assurance, Central Library and School of Sciences, Uttar Pradesh Rajarashi Tandon Open University (UPRTOU), Prayagraj in collaboration with Commonwealth Educational Media Centre for Asia (CEMCA), New Delhi organized a three days' workshop on "***Capacity Building Programme on Content Development Using OER***".

The inaugural session was started with the speech of the Programme Coordinator of the workshop, Dr. R.J. Maurya, Deputy Librarian, UPRTOU. He introduced the theme of the workshop and presented the outline of the three-day program. After that, Prof. Ashutosh Gupta, Director, CIQA and SoS, UPRTOU, welcomed the President of the Session Prof. Om Ji Gupta, Director-SoMS, UPRTOU, Dr. Manas Ranjan Panigrahi, Sr. Program Officer, CEMCA New Delhi, Resource Person Dr Barnali Roy Choudhury, Asst. Prof. (Library Sciences), NSOU, Kolkata, and all the participants of the workshop.

Dr. Manas Ranjan Panigrahi delivered a thought-provoking address and highlighted the advantages of (OER), also said that this workshop will set out a road map for implementing the OER. He opined that, "UPRTOU is continuously committed to quality education and achieving the sustainable development goal for learners and teachers for the betterment of society."

The Presidential address was given by Prof. Om Ji Gupta, Director, SoMS, UPRTOU. He said that this capacity building programme of (OERs) provide opportunities for teachers and learners to grow sustainably. He highlighted that an effective learning education ecosystem should be imperative. Also, he put forward that we are in the process of revising and modifying the OER policy of UPRTOU as suggested by the previous workshop.

## 2. Day 1 Technical sessions

### Technical session-I (19.07.2022- Time: 12:00pm-01:00pm)

The inaugural session was followed by the technical session, which was taken up by the Resource person Dr. Barnali Roy Choudhury that gave an overview on the topic of workshop.

She first talked about the concept of OER. According to her OER is “open educational resources are digitized materials offered freely and openly for learners to use and reuse for teaching, learning, and research”. In her slides, she briefed us different barriers of OER. She shared her view that knowledge should be in public domain not in a private domain for the betterment of

educational ecosystem. She further enlightened participants about the core concept of open access. There are 33 respondents who filled their responses needed for the workshop. As per the responses there are 45.5% participants in the age group of 30-39 years are willing to know about the OER. While the maximum participation is below age group of 40 years.

Dr. Choudhury said that relevance of OER is due to:

- Digitalization causes overload of information
- Increases price of scholarly communication

Open means it is accessible by all 24\*7 i.e. it must be accessible at any place, at any time, with all people and must be simply programmed. Digital copy should be free available in public domain. She said that freely available and open access matter is when we can use our creativity and reuse acknowledging the author. She also said that index is like your wardrobe. It helps in retrieving the files. Machines cannot segregate our thought they process the command given by user. She also focused on copyright issue, she said that copyright implies for the concept not for the word used in content. OER matter possess following:

- Legal, Social Economic
- Standard Software System
- Educational Resources Courses
- Assessment

For achieving the sustainable development 2030 open access is needed. She differentiated the green OA and Gold OA. Self-published matter comes in green OA while matter published by publisher comes in Gold OA. Elaborating up to what extent we can use OER, following points must be consider.

- Reuse
- Revise
- Remix
- Redistribute
- Retain

Focusing on OER repository she insisted on creating and using the OER for public so that they had a broad base of knowledge. This must possess cost effective and time effective mechanism.

The session is interactive and participants also activity raise their queries for understanding.

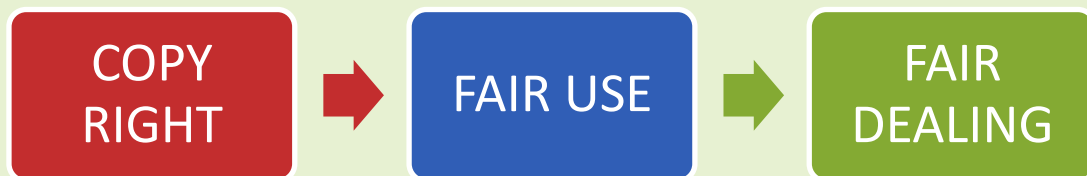
## Technical session-II (19.07.2022- Time: 02:00pm-3:30pm)

The First technical session was followed by a session on understanding the concept of open license and creative common license. Firstly, she briefly explained the umbrella term encompassing copyrights. After that, she opined that creative common is a non-profit organization that offers six licenses for sharing creative work.

In order, to update knowledge regarding creative common she said that all of the six licenses require attribution, to make sure the original author is credited for their work. She elaborated the legal issues related with the license process. Any software had binary code which cannot be edited and secure code which can be edited. OER collaborates new tasks with the old tasks. She insisted that each knowledge should be in public domain, as knowledge is public property not the individual property. In Vedic age guru transfer their knowledge to their disciples. In case of science experiments are based on knowledge which guru gives to their scholars. She said the present time equality and equity is needed. Equality is giving people the same things without any discrimination while equity is giving people what they need. Equity is needed in the present knowledge world. She said that copyright is given to the original work. “Social Media is also a place where we can use citation” any self-generated idea had its own copyright.

- Intellectual property right IPR is all about
- Patent
- Copyright
- Trademark
- Design
- Geographical Indicators

Sharing the story behind the copy right she said after 1956 copyright came into existence so recognize and acknowledge the authors.

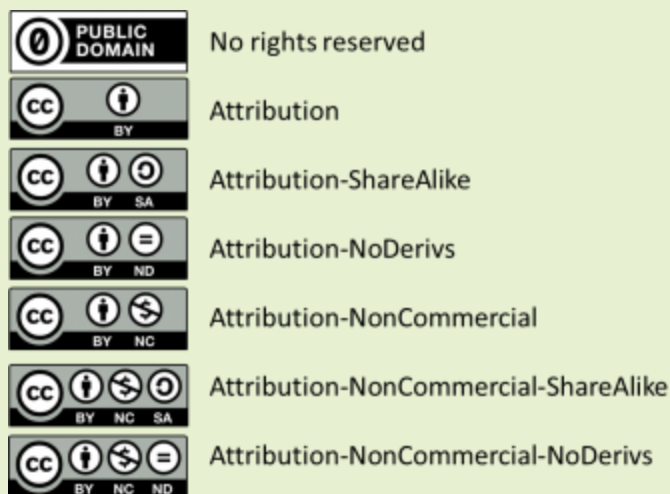


Open license is to protect copyright holders right in environment where the content can so easily be copied and shared.

### Technical session-III (19.07.2022- Time: 03:45pm-5:00pm)

The last session of the workshop of the first day dealt with Quality issue of OER following TIPS framework. Hereafter she practically demonstrated by the slides about what is Mendeley software and how does Mendeley help for citations and referencing. Besides in her presentation, she made it clear how to find OERs material from Google advance search and CC search.

The session was quite interesting, informative, and fascinating regarding the slides shown by her. All the slides shown were very good along with the explanatory part and details of first day objectives. The home task is also given to the participants to find 5 domain -specific material from the CC search.



The link to the first day activity is available at:

<https://www.youtube.com/watch?v=n5VqUDTUZ9g>

### 3. Day 2 Technical sessions

### Technical session-IV (20.07.2022- Time: 10:00am-11:00am)

The second day of the workshop commenced with the short recapitulation of day 1 session. Dr. Barnali Roy Choudhury, in her second technical session she continued OER search with different strategies. She lucidly explained that search engine is an integral part of our daily life as it acts as the gateway to the whole world in the grip. She also demonstrated in her slides about different types of search engine and how we can find our pertinent document from different search engine. In her lecture on how to search internet she said that unknown search is known as browse. She said that we must search with help of some special terms like “”, PDF, WORD etc. commands. This is a way of simple and precise search. For exact search we have to go to the search engine. Automatic index system is embedded in any computer. Search engines consist large database



which is been indexed by using crawl less (Spider and Robots) to the internet in order to assist one searching the web. We can use

- Parentheses
- Hyphens
- Slashes
- Periods
- Equal sign
- Apostrophe
- Inverted commons

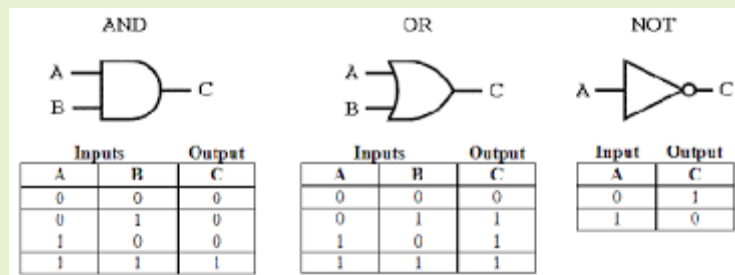
### Technical session-V (20.07.2022- Time: 11:15am-01:00pm)

Workshop first technical session was followed by second technical session. In this session, she highlighted how we can relevant our contents using different search techniques. Also, she explained several OERs platforms and repositories in her presentation. In order to update knowledge, she said that several images, videos, text, even Journal etc. are available online within the creative common licenses.

In Practical session she showed slides how we could take CC images, videos, text, even journal from different platforms and how we should give attribute through CC licenses.

Later on, she provided complete clarity on the sources of OERs from different frame of references.

Discussing about Boolean, she explained AND OR NOT gates.



Transaction symbol (\*) serves as a substitute for anytime string

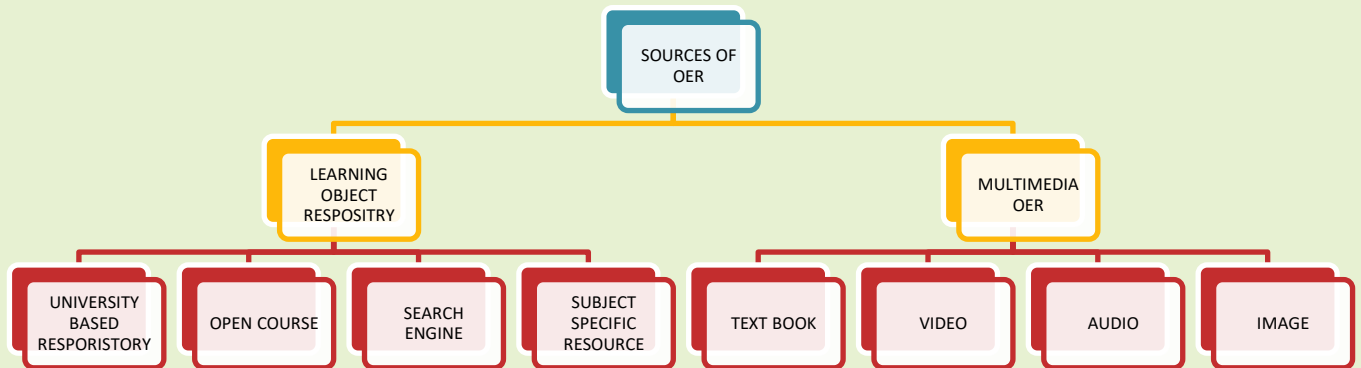
Wild card symbol - (?)

She also explained how to find subject directory e.g. commerce+ subject directory”

### Searching OER

OER TOOLS

- Open Text Books
- Full Course Text
- Lesson Plans
- Course Materials
- Lectures
- Audio Video Games



The session is ended with illustration on Discover, Create, Curate, & Share Knowledge.

Link of Day 2: <https://www.youtube.com/watch?v=kO9SxJcoKkA>

### Technical session-VI (20.07.2022- Time: 02:00pm-03:30pm)

Technical session VI was followed by group activities where the participants were divided into 4 groups. Each group had their specific domain and all the four groups gave their presentation through chart paper and PPT. Four group was divided as per the school

**Group A-** School of humanity

**Group B-** School of Science

**Group C-** School of Social Science and School of Education

**Group D -** School of Management Studies, School of Health Sciences and School of Agriculture Sciences

Note: Group activity is attached at the last of the report in Annexure 4.

### Technical session-VII (20.07.2022- Time: 03:45pm-05:30pm)

The last session of the workshop of the second day was creating and curation of OERs. She lucidly explained that the complexity of the issues for the dissemination and adoption of OER can be reduced to three key issues: creation and discovery. She shared her view that in an OER context creation is the process of creating, tagging, licensing, packaging and sharing an OER objects whereas curation is the process of managing, reusing and adapting an OER resources and discovery is the process of quick search an appropriate OER objects.

In Practical session she elaborated with the help of slides how we could use these for making our own OER materials.

The session was fascinating and very fruitful. At the end of the session participants raised questions, In reply resource person patiently answered to all the question elaborately. The home task is also given to the participants to find domain specific OER materials to build a handout based on module and also add attribution to them.

The link to the second day activity is available at:

<https://www.youtube.com/watch?v=kO9SxJcoKkA>

<https://www.youtube.com/watch?v=XjU07E2Gu74>

## 4. Day 3 Technical sessions

### Technical session-VIII (21.07.2022- Time: 10:00am-12:00pm)

On 21st July 2022, the third day of the workshop commenced by the resource person with the recap of day 1 and day 2 respectively. She initially started the session by throwing lights upon OER repository. She lucidly showed the repository of NSOU, Kolkata, how we could take materials of OER from that repository

She said that four universities have their own OER repositories so far. She stressed on the OERs materials of all 14 Open University should be merged under one umbrella. She said that all OER must be segregated in text, SLM, Webinar, video and audio. If the indexing is proper there is proper retrieval of the matter needed. She insisted that in open universities four parameters must be for learners

- a) Assessment,
- b) Lab Based Practices,
- c) Self-Directed Study Materials &
- d) Syllabus

## Technical session-IX (21.07.2022- Time: 12:15pm-01:00pm) and Way Forward

Second technical session of the workshop was followed by first technical session. In this session, a discussion forum was opened for all the participants. Participants actively raised their queries. Resource person gave answer of all the queries raised and make participants better understanding about the matter.

The session was very systematic, insightful and outstanding for faculties. All the slides shown by her was phenomenal.

At the end of the workshop concluding remarks summary for three days of the workshop was presented by the Presidential address of Prof. Santosha Kumar, Deputy Director, CIQA who told that the workshop was phenomenal. He said that OER policy is very vital for the progress of the university. He further added that UPRTOU had made its OER policy in 2016, which needs to be revised in the current scenario.

At last vote of thanks to the Hon'ble Vice-Chancellor Prof. Seema Singh, Resource Person and to all the participants was given by Dr R. J. Maurya. He expresses his warm gratitude to all, for making workshop successful and memorable event.

The link to the third day activity is available at:

<https://www.youtube.com/watch?v=fvCyAZtqv2s>

## 5. Evaluation Results

Based on the analysis of the webinar evaluation survey<sup>3</sup>, inputs collected during interactive session and exercises, brainstorming ideas, Q&A discussions, and follow-up conversations, we have organized the evaluation of the workshop and into two sections, namely to demonstrate:

1. What the participants learned based on their feedback?
2. What we learned?

### 5.1 What the participants learned based on their feedback

*Based on 05 responses out of 44 participants*

The introduction of tools and websites on OER and the home task stimulating participants from the beginning to start thinking about how they could use OER in their own courses. The key takeaways for participants were understanding the Creative Commons licenses, how and where to look for and share OER, using the quality criteria to check whether the material is useful for their course, using the slides of the workshop in the future for the overview of tools, and getting inspired by examples from the expert and other participants.

---

<sup>3</sup> See Appendix 3 Graphs showing the evaluation results

In this workshop, we asked the participants to evaluate the workshop and provide suggestions. Some of the important suggestions and feedback during oral discussion was summarized below:

1. Dr. Meera Pal (Food & Nutrition): The workshop duration should be one week, so that it may be easy to understand OER and proper hands on practice to develop contents using OER.
2. Prof. J. P. Yadav (Zoology): Individual level training is needed for easy understanding and practice.
3. Dr. Dharmveer Singh (Biochemistry):
  - (i) Preparation of draft for the content development using OER should be the part of training and on the basis of that draft at least one unit content should be developed and uploaded in the workshop.
  - (ii) More practice sessions should be there.
4. Mr. Amit Kumar Singh (Yoga):
  - (i) Whatever have been delivered and practiced during workshop sessions, must be practiced regularly and collaborative approach should be followed for better understanding.
  - (ii) Regular updating and use of OER is the need of hour and it should be continuous practice of the teachers.
5. Dr. Sanjay Singh (Education): Use of OER should be regular in practice and one more advance level workshop is needed.

Positive aspects mentioned by the participants were that the workshop was inspirational, the number of examples given. Participants also enjoyed the stimulating self-reflection on possibilities of OER in their own courses.

Positive aspects regarding the setup of the workshop were the sharing of the slides during the workshop, a clear and simple structure, enough interaction, and good facilitation by the expert. The key takeaways for participants were “prefer and use OER”, where to search for OER, different licenses, barriers for using OER, and how to overcome these barriers. Other takeaways were to enroll participants for 2 hour MOOC on understanding the concept of OER.

In this workshop, we asked: “Why OER should be used in education?” The answers were as follows:

- ✚ Cutting costs for both institutions and students
- ✚ Fair use
- ✚ Easy access
- ✚ Saving time
- ✚ Using OER in the flipped classroom and with a focus on interaction
- ✚ Approving quality of (your own) materials

- ✚ Making the pool of knowledge larger
- ✚ Possibility to build on the work of others
- ✚ Inspiration

## 5.2 What we learned

*Based on 17 responses out of 44 participants*

We have learned the following lessons:

- From the very beginning, the organizers should set clear expectations, context, and goals for the target audience(s).
- Planning is of utmost importance here: More time should be reserved for webinar preparation and communication with participants.
- It is highly advised to proactively involve every communication channel and not to expect the target audience to find you.
- The information presented in the workshops should remain relevant to such a varied audience representing all faculties across the different disciplines. It is important to address participants' fields of work and areas of interest from the registration forms.
- When planning the home assignments, more time should be scheduled and, ideally, subject specialists should be engaged.
- Participants have to understand OERs flexibility so that they can choose their learning trajectories and courses thereby selecting their path in life according to their talents and interest.
- The participants came to know that almost everything on lectures, lessons, and videos even the entire course which can be found online at low or minimal cost is available in the OER platform.
- It is important to prepare a detailed lesson plan with links and responsibilities, along with the backup plan of what can be skipped (prioritize interactive moments).
- Post-webinar interaction is equally important - for instance, asking any difficulty during the webinar, sending an email with useful resources, promoting OER-related events etc.
- It is beneficial to share the experience, materials, and approaches with other institutions interested in setting up their own OER workshops.
- Concerns about the quality and searching of OER content should be addressed more extensively.
- General copyright knowledge and awareness are quite low among teachers and should also be addressed separately.
- Many of the teachers who participated in the webinar were already associated with the Open and Distance Learning (ODL) and need not be additionally convinced on OER. They are the “early adopters” searching for innovations in their teaching and opportunities associated with OER.


## 6. Conclusion

The interactive format of workshop worked extremely well and allowed us to build a great amount of involvement among the attendees. Discussing OER in a broader context also facilitated deeper modes of engagement and more constructive interaction. Additionally, the feedback we provided had concrete and direct results.

In short, the workshops were a success - yet they also underscored the importance of continued support in this initial phase: almost all the feedback we received indicated time is a precious resource for participants and they need high levels of support to find, use and create OER.


Information, tools, platforms and sufficient manpower to offer direct support to academics is a necessity, particularly in this initial phase. Though some of this can be done locally, with properly equipped support staff providing help at the university or even the faculty level, our capacity is currently limited as well, and broader institutional or external support is needed to bring OER to the next level.

**BROCHURE**



**CEMCA**

**WORKSHOP**  
On  
**Capacity Building Programme on Content Development Using OER**  
(July 19<sup>th</sup>-21<sup>st</sup>, 2022)



**Tandon Open University**  
a trust of Government of U.P.

---

**CENTER FOR INTERNAL QUALITY ASSURANCE**  
**U. P. Rajarshi Tandon Open University, Prayagraj**  
Supported by

**SCHOOL OF SCIENCES**

---

**PATRONS**

Prof. Seema Singh  
Vice Chancellor, UPRTOU, Prayagraj

Dr. Basheerhamad Shadrach  
Director, CEMCA, New Delhi

**PROGRAM DIRECTOR**

Prof. Ashutosh Gupta  
Director, SoS/CIQA

**PROGRAM COORDINATOR**

Dr. R. J. Maurya  
Deputy Librarian, UPRTOU,  
Prayagraj

---

**PROGRAM CO-COORDINATOR**

Dr. G. P. Yadav  
Associate Professor, SoM/S

**CEMCA Representative**

Dr. Mausam Rajuau, Patuigralli

**Resource Person**

Dr. Barnali Roy Choudhury  
Assistant Professor (LIS)  
NSOU, Kolkata- West Bengal

---

**About University**

The IITP Rajarshi Tandon Open University, Prayagraj established under the Act No. 10/1999 of U.P. Government Legislature is the only State Government University of Open and Distance Learning (ODL) mode. The University is committed and dedicated to increasing access to quality higher education through appropriate use of open and distance learning methods and lifelong learning opportunities through its 12 regional centres and more than 1,200 study centres across the State. The University is dedicated to facilitate and promote studies and research in emerging areas of higher education, with focus on new frontiers in science, arts and social sciences, agriculture, commerce and management studies, health sciences and socio-conventional energy sources to achieve excellence in these and connected fields. The mission of the University is to make efforts to reach weaker segments of the stakeholders, who might otherwise have never had the opportunity to study

**About Commonwealth of Learning**

The Commonwealth of Learning (COL) was established in 1987 by Commonwealth Heads of Government "... to create and widen access to opportunities for learning, making use of the potential offered by distance education and by the application of communication technologies to education." Hosted by the Government of Canada with headquarters in Burnaby, British Columbia, COL is the world's only inter-governmental organization solely concerned with the promotion and development of distance education and open learning. COL helps governments and institutions to expand the scale, efficiency, and quality of learning by using new approaches, appropriate technologies, and open and distance learning (ODL) technologies. Headquartered in British Columbia, COL promotes innovation and works with international partners to facilitate learning in support of sustainable development. Commonwealth Education Media Centre for Asia (CEMCA) is the regional centre of Commonwealth of Learning based in New Delhi to deliver its programmes in Asia. CEMCA is a diplomatic mission under section 3 of the United Nations (Privileges and Immunities) Act, 1947 (46 of 1947) vide The Gazette of India, Extraordinary, Part II, Section 3, Sub-section (3) dated 10 February, 2000.

**About Workshop**

Higher education institutions face the challenges of responding to the expanding demands for education while maintaining or enhancing the quality of their courses. These institutions aim to integrate educational ICTs in support of their teaching and learning in order to enhance the quality of the education provided. One of the benefits of introducing open educational resources is that it may help to expand curricula offerings more cost effectively and may help students gain important technological skills in order to support its teaching and learning to enhance the quality of the education. The University makes use of ICT in all teaching and learning. However, faculty members are not much prepared to implement technologically supported learning activities due to a lack of ICT skills. This lack needs proper training to bridge the gap. This workshop of three days has been introduced for capacity building in designing and implementing online courses.

---

**Workshop Objectives**

After participating in the workshop, participants will be able to:

- use OER for teaching and learning
- create OER using OER through revise, remix method
- complete UOL's LMS on LER and earn a certificate

**Workshop Details**

Workshop Date: 3 Days (from July 19 to 21, 2022)

Participants: Faculty members of U P Rajarshi Tandon Open University, Prayagraj

No. of Participants: 60

Mode: Offline

Venue: Think Hall, Saparwati Enclave, U P Rajarshi Tandon Open University, Prayagraj.

Link for Registration: [https://docs.google.com/forms/d/e/1FAIpQLSdIPALoWNEtPcSdR7H2zstmbBbDVe-KhDMfvtv80GedL\\_gfA/viewform](https://docs.google.com/forms/d/e/1FAIpQLSdIPALoWNEtPcSdR7H2zstmbBbDVe-KhDMfvtv80GedL_gfA/viewform)

**IMPORTANT INFORMATION**

Register Here



## PROGRAMME SCHEDULE

Date/Time	Activity	Material support	Outcome
<b>Day-1: 19<sup>th</sup> July 2022</b>			
<b>11.15-12.00</b>	Opening Session: Participants' Expectations from the Workshop Assessment result of Attitude Towards OER	Assessing learners' expectations and assessing participant	Participants engaged on different activities and relevant content.
<b>12.00-13.00</b>	Understanding of OER and OEP Discussion on OER related concepts	PPTs on OER, Understanding OER COL book UNESCO & UGC ODL & Online Recommendation Guidelines on OER, Indian OER Initiatives	Understanding the concept of OER Q&A and discussions on OER
<b>13.00-14.00</b>	<i>Lunch</i>		
<b>14.00-15.30</b>	Understanding Open Licenses and CC licenses	PPTs Video Link	Differentiate six types of CC licensing
<b>15.30-15.45</b>	<i>Tea/Coffee Break</i>		
<b>15.45-17.00</b>	Quality issue of OER following TIPS Framework	PPT TIPS Framework 2.0	Understanding and identification of quality issues relating to OER
<b>17.00-17.30</b>	Review of Day-1 and Planning for Day-2		
<b>Assignment Day 1: Find 5 domain-specific materials from the CC search Attend the quiz on google link</b>			
<b>DAY-2: 20<sup>th</sup> July 2022</b>			
<b>10:00-11.00</b>	OER Search with different Search strategies (Conti....)	PPT Demo & hands-on activity	Identify appropriate different search strategies.
<b>11.00-11.15</b>	<i>Tea/Coffee Break</i>		
<b>11:15-12:15</b>	OER Search with different Search strategies	PPT Demo & hands-on activity	Identify appropriate different search strategies.
<b>12.15-13.00</b>	Finding OER – Text	Domain-specific OER Search to reuse, remix and revise Demo & hands-on activity	Identifying relevant contents using different search engines and visiting various OER platforms and repositories
<b>13.00-14.00</b>	<i>Lunch</i>		
<b>14.00-15.30</b>	Finding OER – Video; Image; Courseware	Demo & hands-on activity	Identifying relevant contents using different search

			engines and visiting various OER platforms and repositories
<b>15.30-15.45</b>	<i>Tea/Coffee Break</i>		
<b>15.45-17.00</b>	Creating and Curating OER	Hands on work, Group discussion , PPT	Participants are expected to remix, revise, and reuse OER in their day-to-day teaching-learning process (30 minutes of individual work followed by presentations of actionable steps with timeline)
<b>17.00-17.30</b>	Review of Day-2 and planning for Day-3		
<i>Assignment for day 2:</i> <b>Find domain specific OER (text, video, image, open course) to build a handout based on 1 unit/module and add the attribution. Save the file with your name, and your institution name and upload it to the Google Drive folder.</b>			
<b>DAY-3: 21st July 2022</b>			
<b>10.00-12.00</b>	Experiencing with OER repository Presentation and Discussion (Uploading, Digitization & Formatting)	Hands-on work Group discussion	Experience with existing OER repository
<b>12.00-12.15</b>	<i>Tea/Coffee Break</i>		
<b>12.15-13:00 hrs</b>	Discussion on participants' queries Sharing of relevant materials Feedback on activities		Participants engaged in different activities and relevant content.
<b>13:00-13.30 hrs</b>	Closing Session		
<b>13.00-14.00</b>	<i>Lunch</i>		

## LIST OF PARTICIPANTS

S.no.	Name	Designation	Department/Subject	Sex	PWD	Email.	Phone
1.	Dr. Satendra Babu	Assistant Professor (Cs)	Agricultural Sciences	Male	No	agragsa@gmail.com	9412259485
2.	Dr. Devesh Ranjan Tripathi	Associate Professor	Management	Male	No	dev_uprtou@rediffmail.com	9451904800
3.	Dr. Gaurav Sankalp	Assistant Professor	Commerce	Male	No	rajkgsankalp@rediffmail.com	8840801085
4.	Dr. Amarendra Kumar Yadav	Assistant Professor	Commerce	Male	No	SOMSak.uprtou@gmail.com	9532591705
5.	Dr. Gyan Prakash Yadav	Associate Professor	Management	Male	No	gyanprakashaicte@gmail.com	9415395683
6.	Dr. Meera Pal	Associate Professor	Health Science	Female	No	meerapalou@gmail.com	9415954457
7.	Mr. Amit Kumar Singh	Assistant Professor	Yoga	Male	No	amityoga0@gmail.com	9454699750
8.	Dr. Deepti Srivastava	Assistant Professor	Home Science	Female	No	deeptisrivastava532@gmail.com	9532187580
9.	Dr. Ananda Nand Tripathi	Associate Professor	Pol. Science	Male	No	dr.antripathi@gmail.com	7525048133
10.	Dr. Sanjay Kumar Singh	Associate Professor	Geography	Male	No	drsanjay.geography@gmail.com	8318206345
11.	Mr. Sunil Kumar	Assistant Professor	Ancient History	Male	No	skumarbhu50@gmail.com	9532019546
12.	Dr. Trivikram Tiwari	Assistant Professor	Pol. Science	Male	No	trivikramtiwari@gmail.com	7525048008
13.	Dr. Deepshikha Shrivastava	Assistant Professor	Pol. Science	Female	No	deepshikha.srivastava16@rediffmail.com	7525048034
14.	Dr. Abhishek Singh	Assistant Professor (Cs)	Geography	Male	No	abhishekrhjanwar@gmail.com	7525048030
15.	Prof. A. K. Malik	Professor	Mathematics	M	No	ajendermalik@gmail.com	9784829785
16.	Prof. J. P. Yadav	Professor	Zoology	M	No	profjpy@gmail.com	9839462439
17.	Dr. Shruti	Associate Professor	Statistics	F	No	drshruti.uprtu@gmail.com	9415179841
18.	Mr. Manoj Kumar Balwant	Assistant Professor	Computer Science	M	No	balwantuoh89@gmail.com	8985006874
19.	Dr. C. K. Singh	Assistant Professor	Computer Science	M	No	cksingh_apsu@hotmail.com	9451059748
20.	Dr. R. P. Singh	Assistant Professor	BioChemistry	M	No	dr.rpsingh81@yahoo.com	8707677328
21.	Dr. Dinesh Kumar Gupta	Assistant Professor	Chemistry	M	No	guptadines@gmail.com	9450622596
22.	Dr. Dharmveer Singh	Assistant Professor	Biochemistry	M	No	dharm.biochem@gmail.com	9455824933
23.	Dr. Sushma Chauhan	Assistant Professor (Cs)	Botany	F	No	drsushma65@rediffmail.com	9452084820
24.	Dr. Deepa Chaubey	Assistant	Zoology	F	No	drdeepa69@rediffmail.com	9118488118

		Professor (Cs)					
25.	Mr. Arvind Kumar Mishra	Assistant Professor	Physics	M	No	akmishra.mishra99@gmail.com	8004489641
26.	Dr. Raghvendra Singh	Assistant Professor	Mathematics	M	No	10singh.raghvendra@gmail.com	7379630291
27.	Prof. Chhatrasal Singh	Professor	Education	M	No	vhhatrasal.2011@gmail.com	9415530969
28.	Dr. Dinesh Singh	Associate Professor	Education	M	No	dineshedu.alld@gmail.com	9450224062
29.	Dr. Surendra Kumar	Assistant Professor	Education	M	No	surendrakumar_2007@rediffmail.com	9450590224
30.	Dr. Upendra Nath Tiwari	Assistant Professor	Education	M	No	untiwariuprtou11@gmail.com	6307094576
31.	Sri. Rajmani Pal	Assistant Professor	Education	M	Yes	rajmanipal11@gmail.com	9149209375
32.	Dr. Sanjay Kumar Singh	Assistant Professor	Education	M	No	Singhsanjay883@gmail.com	9454945424
33.	Smt. Sushma Singh	Assistant Professor	Education	F	No	Singh84susma@gmail.com	9335975223
34.	Sri. Abhinav Kumar Singh	Assistant Professor	Education	M	No	Abhinaykumarsingh6@gmail.com	8574000515
35.	Prof. Satyapal Tiwari	Director	Hindi	M	No	drsatyapaltiwari@gmail.com	7525048021
36.	Prof. Ruchi Bajpai	Professor	Hindi	F	No	ruchibajpai1977@gmail.com	7525048022
37.	Dr. Sadhana Srivastava	Assistant Professor (Cs)	journalism	F	No	srivastava.sadhana1@gmail.com	7525048150
38.	Dr. Satish Chandra Jaisal	Assistant Professor (Cs)	journalism	M	No	sjaisal146@gmail.com	7525048149
39.	Dr. Smita Agrawal	Assistant Professor (Cs)	Sanskrit	F	No	smita.rtou@gmail.com	7525048026
40.	Dr. Atul Kumar Mishra	Assistant Professor (Cs)	Philosophy	M	No	Atul_mishra07@rediffmail.com	7525048059
41.	Dr. Abdul Rahman	Assistant Professor (Cs)	Urdu	M	No	uhrahman@gmail.com	7505773673
42.	Dr. Shivendra Pratap Singh	Assistant Professor (Cs)	English	M	No	shivendrapratap017@gmail.com	9795155727

43.	Sri. Rajesh Kumar Gautam	Assistant Professor (Cs)	Library Science	M	No	gautamuprtou@gmail.com	9369873238
44.	Dr. Anil Kumar Yadav	Assistant Professor (Cs)	Economics	M	No	sollandhall3@gmail.com	8299360528

## APPENDIX 2 WORKSHOP GALLERY OF THE ACTIVITY

Three days' online workshop on " Capacity Building Programme Content Development Using OER"



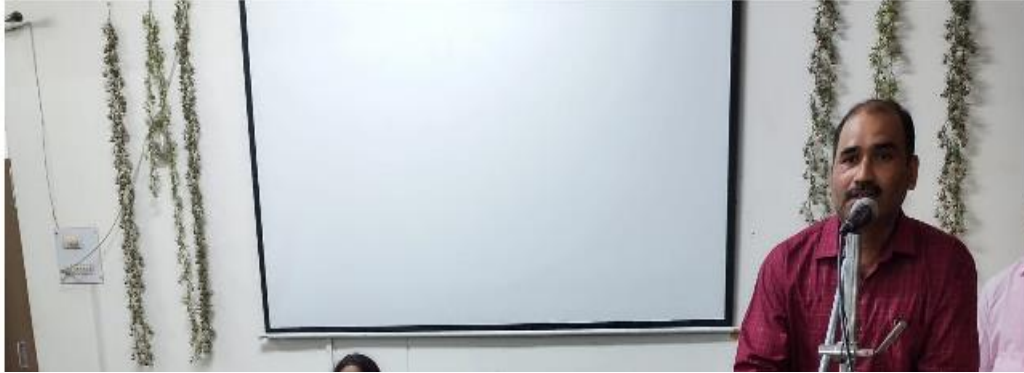
## ओ ई आर पॉलिसी मुक्त विश्वविद्यालय के लिए बहुत लाभकारी – प्रोफेसर एस कुमार।

atsemachar | July 21, 2022 | 4:58 pm



**प्रयागराज, यूपी:** उत्तर प्रदेश राजर्षि टंडन मुक्त विश्वविद्यालय, प्रयागराज एवं सोमका, नई दिल्ली के संयुक्त तत्वावधान में कैपेसिटी बिल्डिंग प्रोग्राम ऑन कंटेंट डेवलपमेंट यूजिंग ओईआर विषयक त्रिदिवसीय कार्यशाला का बृहस्पतिवार को समापन हो गया। समापन सत्र की अध्यक्षता करते हुए आंतरिक गुणवत्ता सुनिश्चियन प्रकौष्ठ सीका के उप निदेशक प्रोफेसर एस कुमार ने कहा कि मुक्त शैक्षणिक संसाधन नीति विश्वविद्यालय की प्रगति के लिए बहुत लाभकारी है।

उन्होंने कहा कि विश्वविद्यालय ने ओ ई आर पॉलिसी 2016 में ही बना ली थी, जिसका मौजूदा परिवेश में रिवाइज होना बहुत जरूरी है। विश्वविद्यालय ने कुलपति प्रोफेसर सीमा सिंह के निर्देशन में इस दिशा में तेजी से प्रयास किया है। कुलपति प्रोफेसर सिंह के इन प्रयासों से विश्वविद्यालय के शिक्षकों के अंदर नई आशा का संचार हुआ है। ओ ई आर पॉलिसी में दक्ष होकर वह देश के अन्य विश्वविद्यालयों से बेहतर कर सकते हैं।

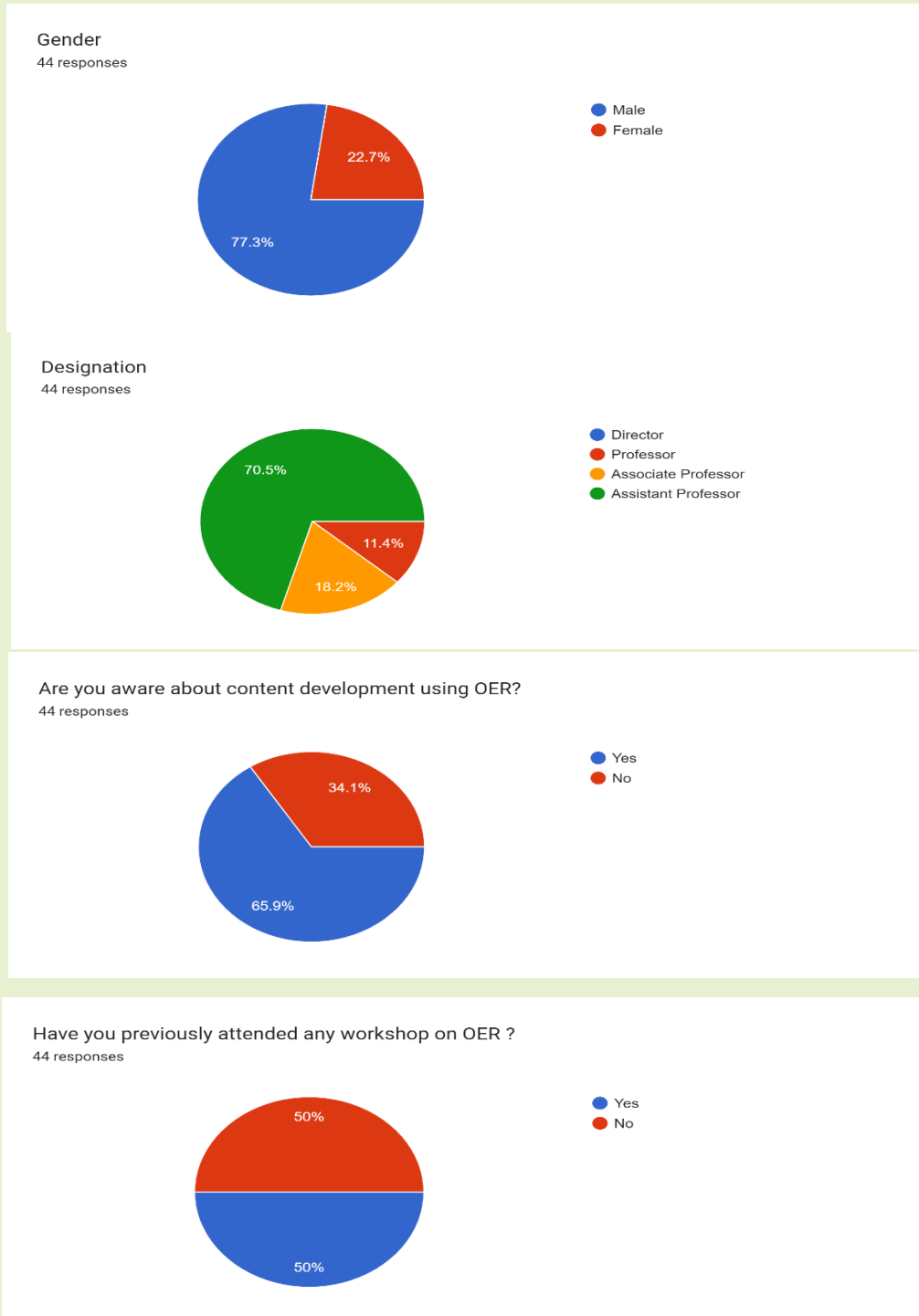


मुख्य वक्ता डॉ. बरनाली रॉय चौधरी, असिस्टेंट प्रोफेसर, नेताजी सुभाष चंद्र बोस मुक्त विश्वविद्यालय, कोलकाता ने कार्यशाला में मुक्त शैक्षणिक संसाधनों के प्रयोग निर्माण और उपयोग पर विशेष रूप से सभी की सैद्धांतिक और व्यावहारिक जानकारी दी। उन्होंने बताया कि देश और विदेश में किस तरह मुक्त शैक्षणिक संसाधनों का प्रयोग और उपयोग हो रहा है। उन्होंने डिजिटल शैक्षणिक संसाधन इंटरनेट के जरिए ओ ई आर दर्तावेज और ऑडियो वीडियो तथा तस्वीरों को खोजना सिखाया।

प्रश्नोत्तरी फीडबैक और रचनात्मक गतिविधियों के माध्यम से सभी प्रतिभागियों ने मुक्त शैक्षणिक संसाधनों का अपने अपने विषय के मुक्त शैक्षणिक विषय वस्तु का निर्माण किया। इस अवसर पर प्रोफेसर जे पी यादव, डॉ. गीरा पाल, डॉ. धर्मवीर सिंह, योगाचार्य अमित सिंह, डॉ. संजय सिंह, शिक्षा विद्या शाखा आदि ने विचार व्यक्त किए। संचालन डॉ. ज्ञान प्रकाश यादव एवं धन्यवाद ज्ञान डॉ. आर जे मोर्या ने किया। त्रिदिवसीय कार्यशाला की आख्या डॉ. गौरव संकल्प एवं डॉ. अरविंद कुमार मिश्रा ने प्रस्तुत की।

## APPENDIX 3 GRAPHS

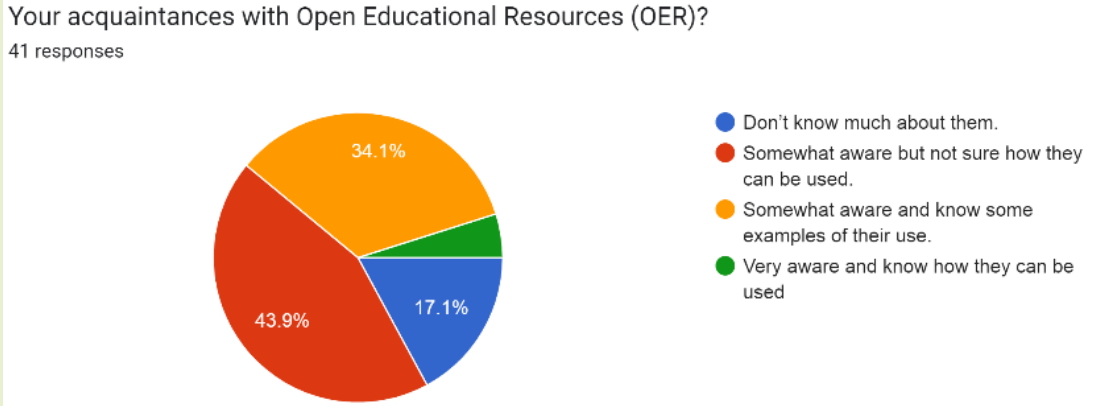
- A. The following graphs visualize the input taken during the registration form in the form of the closed-ended questions.



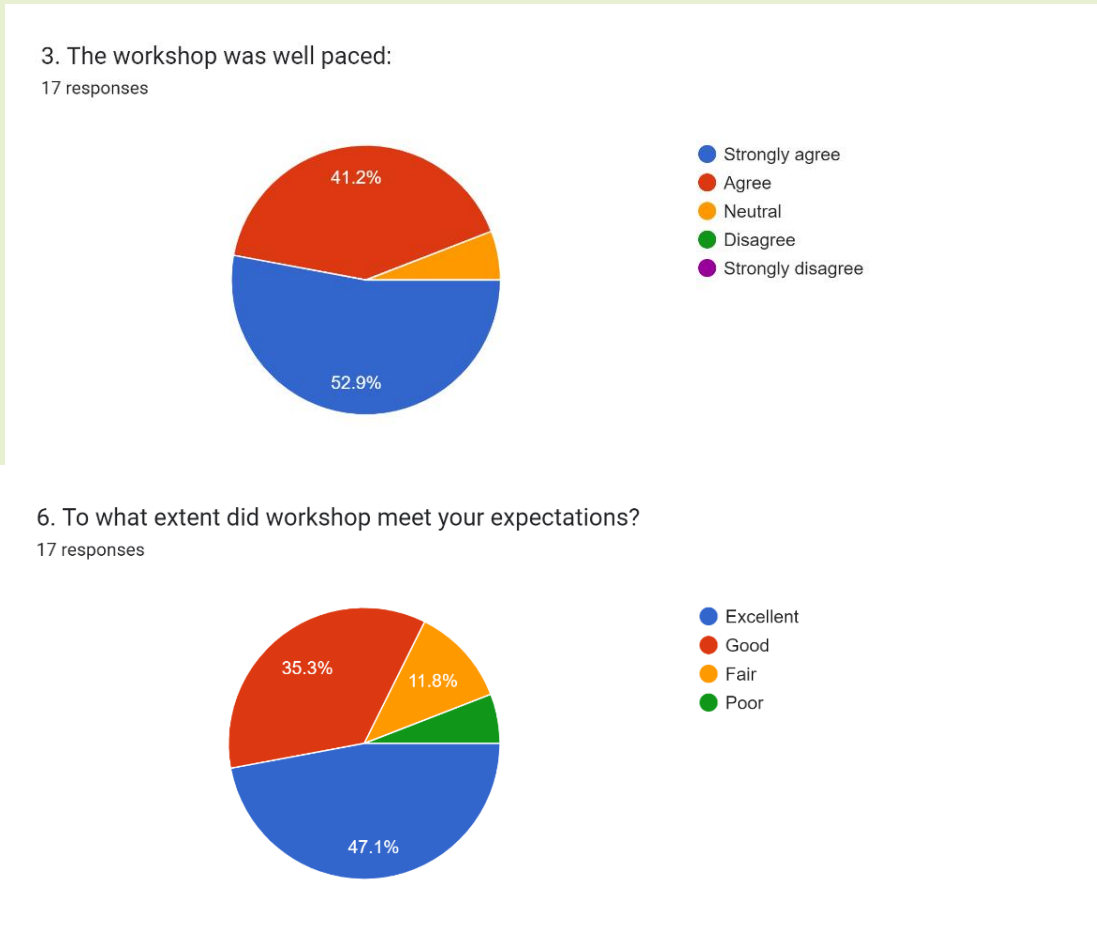


**B.** The following graphs visualize the results of the closed-ended questions in the evaluation surveys for feedback on "Adoption of Open Educational Resources in UPRTOU: A Capacity Building Program".

**Pre-Workshop**

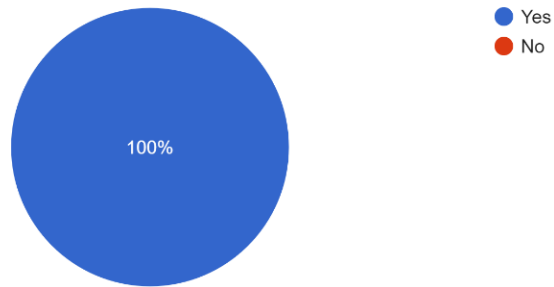


**During and Post Workshop**

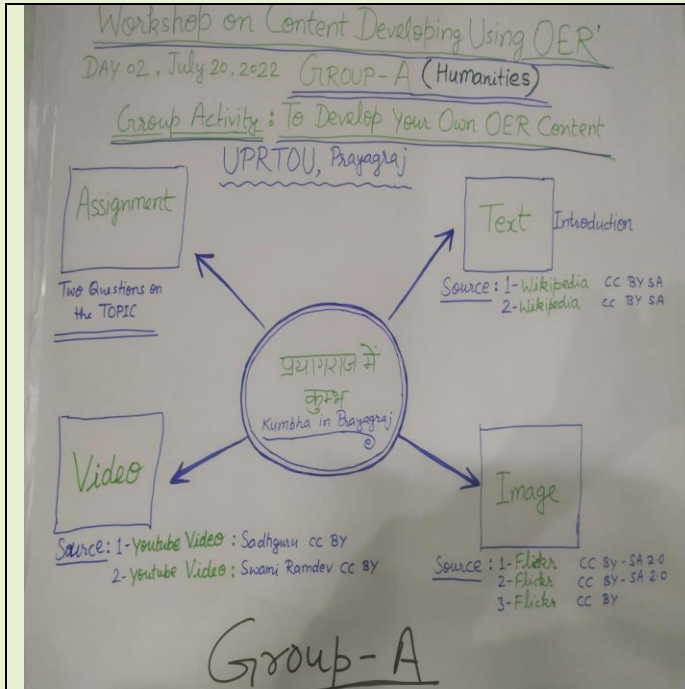


7. Would you recommend this workshop to someone else?

17 responses



**APPENDIX 4 GROUP ACTIVITY OF ALL SCHOOLS**

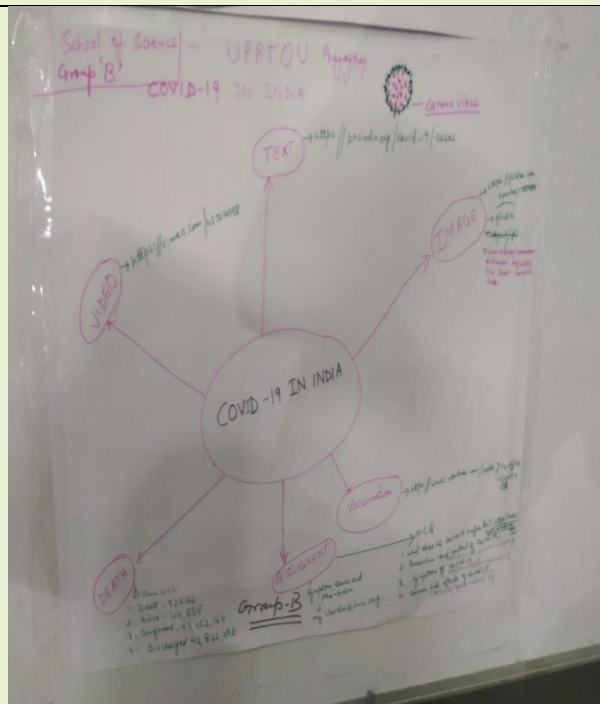


**Name of Participants in Group A**

- Prof. Ruchi Bajpai
- Dr. Sadhana Srivastava
- Dr. Satish Chandra Jaisal
- Dr. Smita Agrawal
- Dr. Atul Kumar Mishra
- Dr. Abdul Rahman
- Dr. Shivendra Pratap Singh
- Sri. Rajesh Kumar Gautam
- Dr. Anil Kumar Yadav

**GROUP A: Kumbh In Prayagraj**

**Group A- SCHOOL OF HUMANITY**

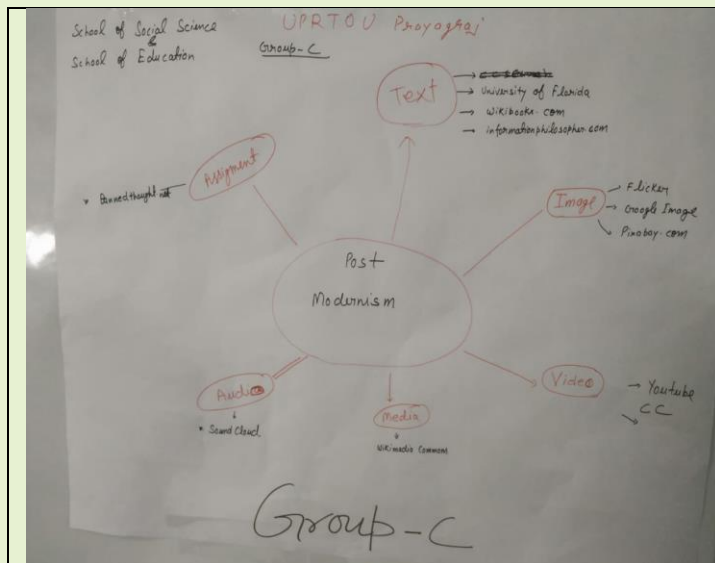


**Name of Participants in Group B**

- Prof. A. K. Malik
- Prof. J. P. Yadav
- Dr. Shruti
- Mr. Manoj Kumar Balwant
- Dr. C. K. Singh
- Dr. R. P. Singh
- Dr. Dinesh Kumar Gupta
- Dr. Dharmveer Singh
- Dr. Sushma Chauhan
- Dr. Deepa Chaubey
- Mr. Arvind Kumar Mishra
- Dr. Raghvendra Singh

**GROUP B: Covid 19**

**GROUP B- SCHOOL OF SCIENCE**

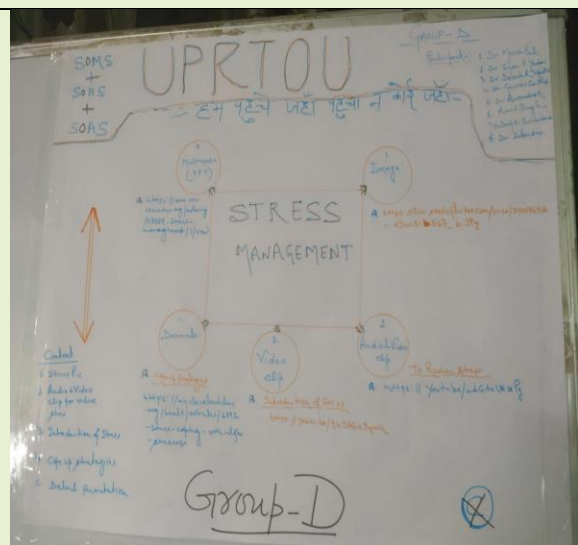


### Name of Participants in Group C

- Dr. Ananda Nand Tripathi
- Dr. Sanjay Kumar Singh
- Mr. Sunil Kumar
- Dr. Trivikram Tiwari
- Dr. Deepshikha Shrivastava
- Dr. Abhishek Singh
- Dr. Dinesh Singh
- Dr. Surendra Kumar
- Dr. Upendra Nath Tiwari
- Sri. Rajmani Pal
- Dr. Sanjay Kumar Singh
- Smt. Sushma Singh
- Sri. Abhinav Kumar Singh

### GROUP C: Post Modernism

**GROUP C- SCHOOL OF SOCIAL SCIENCE AND SCHOOL OF EDUCATION**



### Name of Participants in Group D

- Dr. Satendra Babu
- Dr. Devesh Ranjan Tripathi
- Dr. Gaurav Sankalp
- Dr. Amarendra Kumar Yadav
- Dr. Gyan Prakash Yadav
- Dr. Meera Pal
- Mr. Amit Kumar Singh
- Dr. Deepti Srivastava

### GROUP D: Stress Management

**GROUP D - SCHOOL OF MANAGEMENT STUDIES, SCHOOL OF HEALTH SCIENCES AND SCHOOL OF AGRICULTURE SCIENCES**

## APPENDIX 5 ORGANIZING COMMITTEE

<b>PROGRAM DIRECTOR</b> Prof. Ashutosh Gupta Director, SoS/CIQA	
<b>PROGRAM COORDINATOR</b> Dr. R. J. Maurya Deputy Librarian, UPRTOU, Prayagraj	
<b>PROGRAM CO-COORDINATOR</b> Dr. G. P. Yadav Associate Professor, SoMS	
<b>ADVISORY BOARD</b>	
Prof. Omji Gupta	Prof. P. K. Pandey
Prof. P. P. Dubey	Prof. Ruchi Bajpai
Prof. G. S. Shukl	Prof. Vinod Kr. Gupta
Prof. S. P. Tiwari	Prof. Chatra saal Singh
Prof. P. K. Stallin	Prof. A. K. Malik
Prof. Santosha Kumar	Prof. J. P. Yadav
<b>TRANSPORTATION, ACCOMADATION &amp; HOSPITALITY COMMITTEE</b>	
Dr. Abhishek Singh	Mr. Samson Job
Dr. R. P. Singh	Mr. Akhilesh Kumar
Dr. Amrendra Kr. Yadav	Mr. Pradeep Yadav
Dr. Sarvesh Yadav	
<b>WELCOME COMMITTEE</b>	
Dr. Shruti	Dr. Deepti Srivastav
Dr. Meera Pal	Mrs. Soni Mishra
Dr. Neeta Mishra	
<b>VIDEO RECORDING COMMITTEE</b>	
Sh. Sarvesh Tripathi	Sh. Vijay Yadav
<b>TECHNICAL COMMITTEE</b>	
Dr. Dinesh Kumar Gupta	Sh. Dheeraj Rawat
Dr. Dharmveer Singh	Sh. Shahbaz Ahmad
Dr. Rajesh Gautam	Sh. Nipendra Singh
<b>RAPPORTEURS</b>	
Dr. Gaurav Sankalp	Mr. Arvind Kr. Mishra

### **Workshop on " Capacity Building Programme on Content Development Using OER"**

After following this workshop, you should be able to:

- Describe the journey from Open Access to Open Educational Resources
- Understand how to use open educational resources (OER), basics of the copyright and open licenses
- Identify OER using creative common licenses
- Search and use OER for teaching and learning
- Create OER using OER through revise, remix method
- Complete COL's 2hrs MOOC on OER and earn a Certificate