

**Report**  
**on**  
**Online Workshop**

**Adoption of Open Educational Resources**  
**in**  
**UPRTOU**

*A Capacity Building Programme*

Organised By

**U. P. Rajarshi Tandon Open University, Prayagraj**



॥ परावर्ती नः शुभया प्रयच्छत ॥

Supported By



**Commonwealth Educational Media Centre for Asia (CEMCA)**

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## 1. Introduction

A three days' workshop with the theme of “*Adoption of Open Educational Resources in UPRTOU: A Capacity Building Programme*” was organized as a joint initiative taken by Center for Internal Quality Assurance, U. P. Rajarshi Tandon Open University, Prayagraj and Commonwealth Educational Media Centre for Asia (CEMCA), New Delhi. This is the first online workshop on Open Educational Resources held in the University from 17-19 January 2022.

The objectives of online 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

Following categories of participants are involved in the workshop: Faculty members, IT staff, Library professionals, Online staff, Senior Managements, Leaderships, etc.

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

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

### 1.1 Registration Response and Participants

The registration to the online workshop is carried through Google form and 202<sup>1</sup> responses are recorded. The participants from University campus, 12 regional centers and around 190 study centers are registered to know the basics and to aware the know-how of the open educational resources. Out of 202 participants<sup>2</sup>, 82.7% are male and 17.3% are female. Analyzing the affiliation of participants, 12.9% are from regional centers, 29.2% from University Campus and 57.9% from Learner support Centers (Study centers). 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?  
75.7% out of 202 says they are aware.
- b. Have you previously attended any workshop on OER?  
34.2% of participants attended the workshop

Total 202 (167 Male and 35 Female) participated in the workshop to learn about OER and its creation.

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

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

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 it. Keeping these things, the experts from CEMCA and Indira Gandhi National Open University, New Delhi 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 Monday, 17th January 2022 when Center for Internal Quality Assurance, Uttar Pradesh Rajarshi Tandon Open University (UPRTOU), Prayagraj in collaboration with Commonwealth Educational Media Centre for Asia (CEMCA), New Delhi organized a three days' online workshop on "Adoption of Open Educational Resources in U.P Rajarshi Tandon Open University: A Capacity Building Programme".

In the inaugural session<sup>3</sup> Prof.Omji Gupta, Director-Center for Internal Quality Assurance welcomed the Hon'ble Vice-Chancellor Prof Seema Singh UPRTOU, Prof P P Dubey(Registrar)-UPRTOU, Prof. Madhu Parhar, Director- CEMCA, Dr. Manas Ranjan Panigrahi, Senior Programme Officer-CEMCA, Dr. G. Mythili-IGNOU (Resource person) and all participants of the workshop with his precious words.

Dr. Manas Ranjan Panigrahi, Senior Programme Officer-CEMCA in his address said brief account of objectives of CEMCA, various activities underway, initiatives taken and implementation strategies followed by CEMCA to strengthen and promotion of Open Education Resources (OER). He also explained the need for OER and how important it is in the present scenario and subsequently he also told how one can adopt and develop OER for UPRTOU, which can be useful for learners.

Prof. Madhu Parhar, Director- CEMCA delivered a thought-provoking address and highlighted the advantages of (OER) and also added that the faculty of Open Universities should use open education materials for creating new courses for learners.

The Presidential address was given by Hon'ble Vice-chancellor Prof. Seema Singh. She told that (OER) offers opportunities for sustainable growth in improving the access and quality of education by enabling free use and re-purposing of learning materials. She also added that an effective learning education ecosystem should be imperative and development/adoption of OER in regional languages especially in Hindi facilitate the learners to understand the course and fulfill the purpose of programme understanding.

The vote of thanks was delivered by Prof. P. P. Dubey, Registrar-UPRTOU on the behalf of University. The workshop program is coordinated by Prof. Ashutosh Gupta, Dy-Director-Center for Internal Quality Assurance.

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<sup>3</sup> See Appendix 2 Photographs of the activity

## 2. Technical session-I

The first technical session<sup>4</sup> of the workshop was delivered by Dr. G. Mythili, Deputy Director, Staff Training and Research Institute, Indira Gandhi National Open University, India who gave an overview on the topic of the workshop. She explained the history and journey of OER.

She briefly explained the concept of 5Rs of OER i.e. reuse, revision, remixing, redistribution and retention of OER and the license activities of OER. She also explained different platforms of OER where free courses are available for learners as well as for teachers for re-purpose. The six different license terms were well explained, illustrated by means of example.

The session is interactive and participants also activity raise their queries for understanding. The home task is also given to the participants to enroll them in 2 hour MOOC course on understanding the OER and also to finish the course. The link to the first day activity is available at <https://www.youtube.com/watch?v=aOsyOFEWZd4>

## 3. Technical session-II

The second day of the workshop commenced with the recapitulation of day 1 session. Dr. G. Mythili, in its second technical session describes the ways to find Open Educational Resources in the form of video, images, and artwork from the different OERs platforms. She said OERs platforms are the lifelong learning to the learners, as it makes ease of access from anytime, anywhere.

She further shows the various repositories of OERs. She lucidly, demonstrated by the slides, how we could modify the license of OERs. In her presentation, she made it very clear how to find OERs materials from the Google advance search.

In order, to update knowledge about OERs, Dr. Manas Ranjan Panigrahi, focused on the theoretical as well as practical aspects of different types of licenses of OERs. He also explained open and free sources of materials and the way it can be used.

The second day session expressed by both the resource person was very systematic, insightful and outstanding for faculties. All the slides shown by them were very pre-eminent. The link to the second day activity is available at <https://www.youtube.com/watch?v=wH99nokvN9M>

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<sup>4</sup> See Appendix 2 Photographs of the activity

#### 4. Technical session-III and way forward

On 19<sup>th</sup> January 2022, the third day of the workshop commenced by resource person Dr. G Mythili with the outline of session I and session II respectively. Later on, she provided complete clarity on the OERs from different frame of reference. She explained how we could incorporate our OERs learning materials with the help of other's OERs. She also beautifully explained with her slides how we give credit to the authors, whose learning materials we have taken. She highlighted about the image of the e-content development from OERs.

Dr. Manas stressed on the OERs policy of UPRTOU. He explained the whole policy in lucid manner. He said that policy should be revised.

This session was quite interesting, fascinating and very fruitful through the slides shown by both of them. At the end of the session participants raised many questions about the OER. The distinguished speaker and resource person patiently answered to all the questions elaborately.

At the end of the workshop concluding remarks summary for three days' of the workshop was given by the Prof. Seema Singh, Hon'ble Vice-Chancellor. She told that the workshop was in the 3P's -passions for distance, practices of online learning, and processes of developing new thought for the educational ecosystem.

In the workshop, consent was made between UPRTOU and CEMCA to collaborate through by means of Memorandum of Understanding (MoU) for providing training to teachers and staff of the University in the area of OER and ICT and also undergo to increase access to education and knowledge opportunities for learners of Uttar Pradesh.

At last, vote of thanks to the Hon'ble Vice-chancellor Prof. Seema Singh, all speakers, resource person and participants was given by Prof. P.P. Dubey, Registrar, UPRTOU. He expresses his gratitude to all, for making workshop a successful and memorable event. The link to the third day activity is available at <https://www.youtube.com/watch?v=1tkgJ85odtk>.

#### 5. Evaluation Results

Based on the analysis of the webinar evaluation survey<sup>5</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

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<sup>5</sup> See Appendix 3 Graphs showing the evaluation results

## 5.1 What the participants learned based on their feedback

*Based on 98 responses out of 202 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 webinar in the future for the overview of tools, and getting inspired by examples from the experts and other participants.

In this webinar, we asked the participants to evaluate the workshop and also evaluate themselves in term of Personal Reflection, Research – gathering documents, integrating OER into their teaching. The detailed answers can be found in Appendix 3.

Positive aspects mentioned by the participants were that the webinar 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 webinar were the sharing of the slides during the webinar, a clear and simple structure, enough interaction, and good facilitation by the experts. 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 webinar, 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 98 responses out of 202 participants*

We have learned the following lessons:

- Inter-university cooperation is very important: It is highly beneficial to make an OER Cell which consists of team of information specialists and experts to work together on such initiatives.
- 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.
- In terms of advertising the workshop, inter university communication is very effective and personalized emails to one's network.
- 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.
- There is a strong need for revision in OER policy, as well as rewards and recognition that would help and motivate the faculty in the long run.
- To develop resources in the form of OERs in Hindi, so that we can share them with other states also.
- There is a need for faculty-specific workshops on OER targeting a narrower subject group.
- 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.

## APPENDIX 1 SCHEDULE AND LIST OF PARTICIPANTS

### SCHEDULE

Day 1: 17.01.2022				
SNo	Time	Activity Session	Resource Person	Outcomes
1	11.00am - 11.30am	Opening Ceremony  Programme Coordinator: Prof. Ashutosh Gupta Dy-Director, CIQA	<ul style="list-style-type: none"> <li>✓ Welcome address by Prof. Omji Gupta, Director, CIQA</li> <li>✓ Workshop Introduction by Dr. Manas Ranjan Panigrahi, Senior Programme Officer, CEMCA</li> <li>✓ About CEMCA by Prof. Madhu Parhar, Director CEMCA</li> <li>✓ Address by Prof. Seema Singh, Vice Chancellor, UPRTOU</li> <li>✓ Vote of Thanks by Prof. P P Dubey, Registrar, UPRTOU</li> </ul>	
2	11.30am - 12.30pm	Understanding of OER and OEP	Dr. G Mythili, IGNOU	Understanding developed on the concept.
3	12.30pm - 1.00pm	Understanding OER Licensing Activity	Dr.G. Mythili	Differentiate six types of CC licensing
		Support to the participants on the following: <ul style="list-style-type: none"> <li>• Discussion on participants queries</li> <li>• Sharing of relevant materials</li> <li>• Feedback on activities</li> </ul>	All Resource Persons ( <b>asynchronous facilitation</b> )	Participants engaged on different activities and relevant contents.
Day 2: 18.01.2022				
4	11.00am - 11.30noon	Recapitulation	Dr. G Mythili and Dr. Manas Ranjan Panigrahi	Refreshed on previous day contents
5	11.30am - 12.30pm	OER Policy discussion	Dr. Manas Ranjan Panigrahi	Understanding the OER policy
6	12.30pm - 1.00pm	Finding OER using Google & Integration to Courses	G. Mythili	Identify appropriate OER and suitable CC licensing
		Support to the participants on the following: <ul style="list-style-type: none"> <li>• Discussion on participantsqueries</li> <li>• Sharing of relevant materials</li> <li>Feedback on activities</li> </ul>	All Resource Persons ( <b>asynchronous facilitation</b> )	Participants engaged on different activities and relevant contents.
Day 3: 19.01.2022				
7	11.00am - 11.30am	Recapitulation	Dr. G Mythili and Dr. Manas Ranjan Panigrahi	Refreshed on previous day contents
8	11.30am - 12.30pm	Searching, Creating, Curating OER. Attributing and Integrating OER for content development.	Dr. G Mythili	Participants searching, creating using different search engines and visiting various OER platform and repositories
9	12.30pm - 1.00pm	Closing and Way Forward		
		Support to the participants on the following: <ul style="list-style-type: none"> <li>• Workshop Feedback through google form</li> <li>• Discussion on participants queries</li> <li>• Sharing of relevant materials</li> <li>Feedback on activities</li> </ul>	All Resource Persons ( <b>asynchronous facilitation</b> )	Participants engaged on different activities and relevant contents.

## LIST OF PARTICIPANTS

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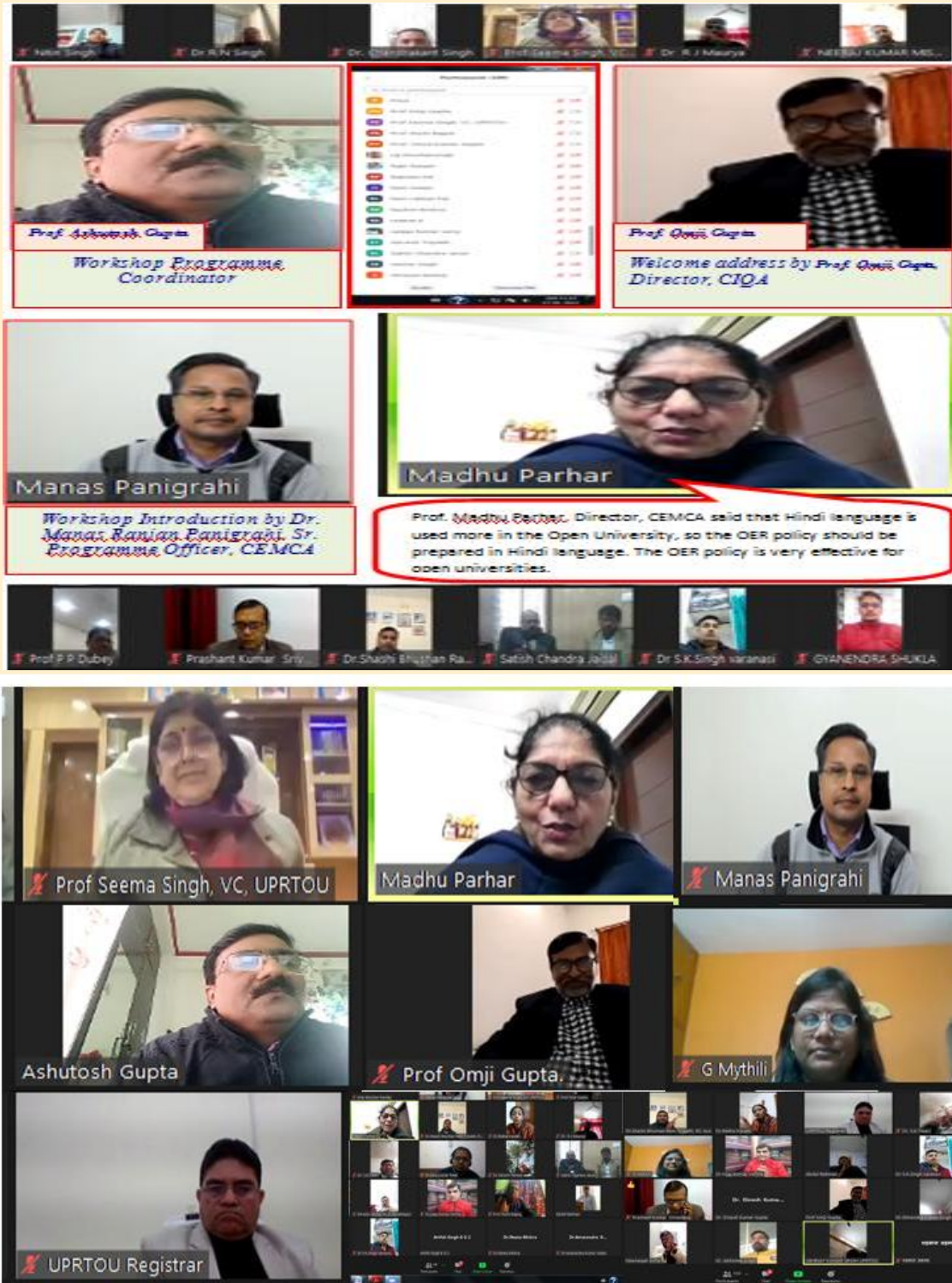
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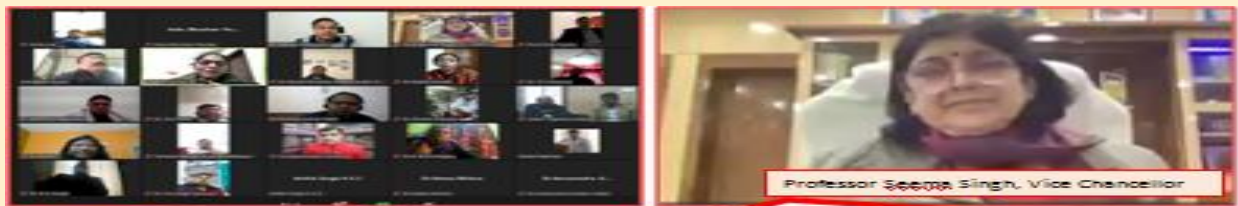


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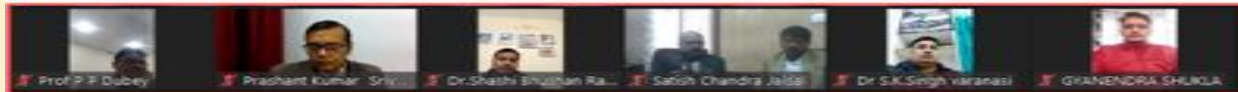
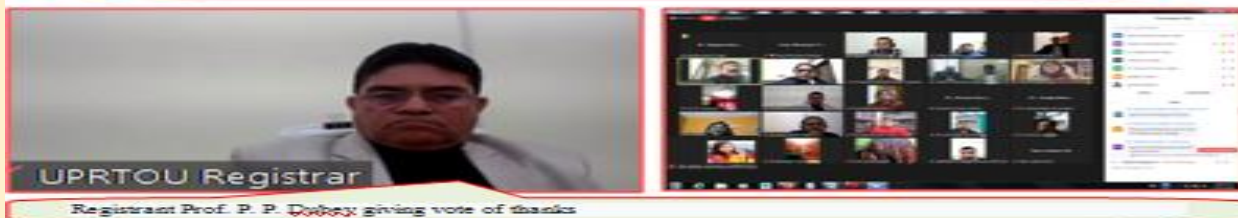
## APPENDIX 2 PHOTOGRAPHS OF THE ACTIVITY

Three days' online workshop on "Adoption of Open Educational Resources in U.P  
Rajarshi Tandon Open University: A Capacity Building Programme"





OER material should be prepared in Hindi - Professor Seema Singh While presiding over the workshop on Adoption of Open Educational Resources in UP Bajarshi Jodan Open University, Gyanpur, Vice Chancellor of Uttar Pradesh Bajarshi Jodan Open University, Prof. Seema Singh said that the university is agreeing to enter into an informal MoU with CEMCA. The process of which will be completed soon. She said that if OER material is prepared in Hindi for the learners of distance education system in Hindi speaking state with the help of CEMCA then most of the people can get the benefit of it.



### Technical Session-I



In the first technical session, Dr. G. Mythili of India Gandhi National Open University, New Delhi explained the general information of OER and its sources, how it is used, and how its license is classified. The resource material is also provided to all the participants.





# Technical Session-II



डॉ. अनंद कुमार



कम्प्यूटर का विकास करने का सबसे महत्वपूर्ण में कम्प्यूटर का विकास करने के लिए का सबसे बड़ा योगदान करने वाले का नाम है जो कि हमें बहुत बड़ा योगदान देकर हमें आज के जमाने में लाया है



डॉ. अनंद कुमार



डॉ. अनंद कुमार



कम्प्यूटर के विकास करने का सबसे महत्वपूर्ण योगदान देने वाले का नाम है

**Open Access Books**

**Images and Artwork**

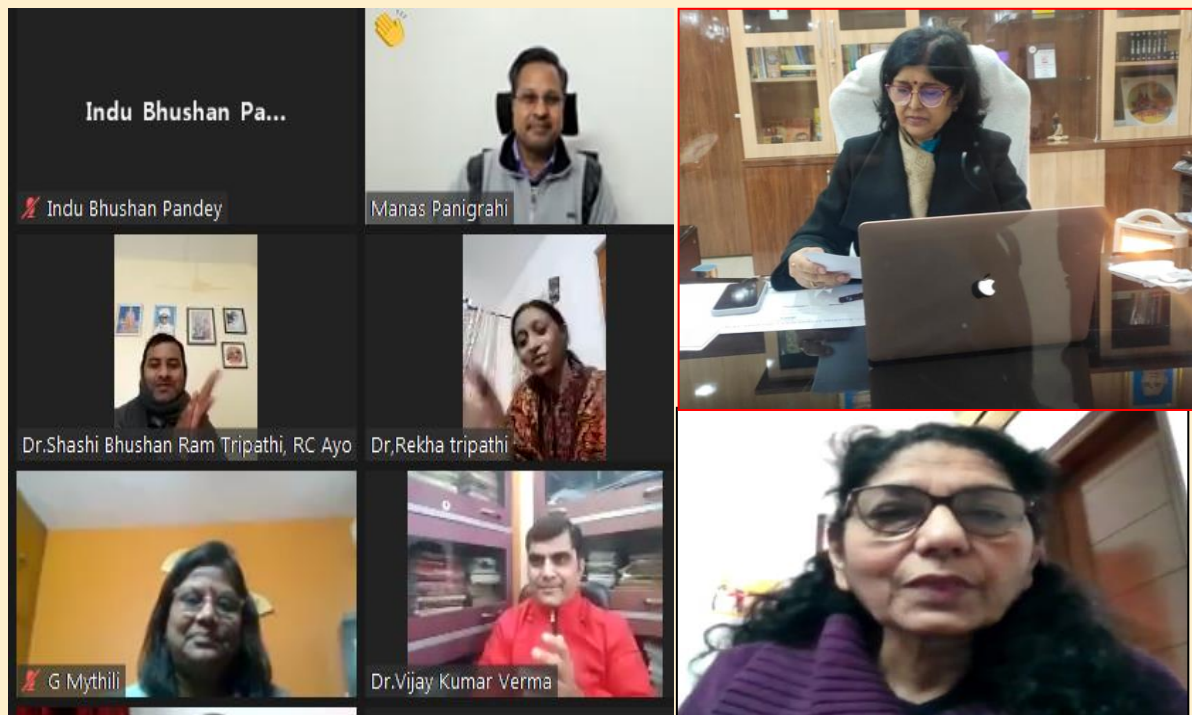
**Mathematics**



डॉ. प्री प्रियंका



## Technical Session-III and Closing

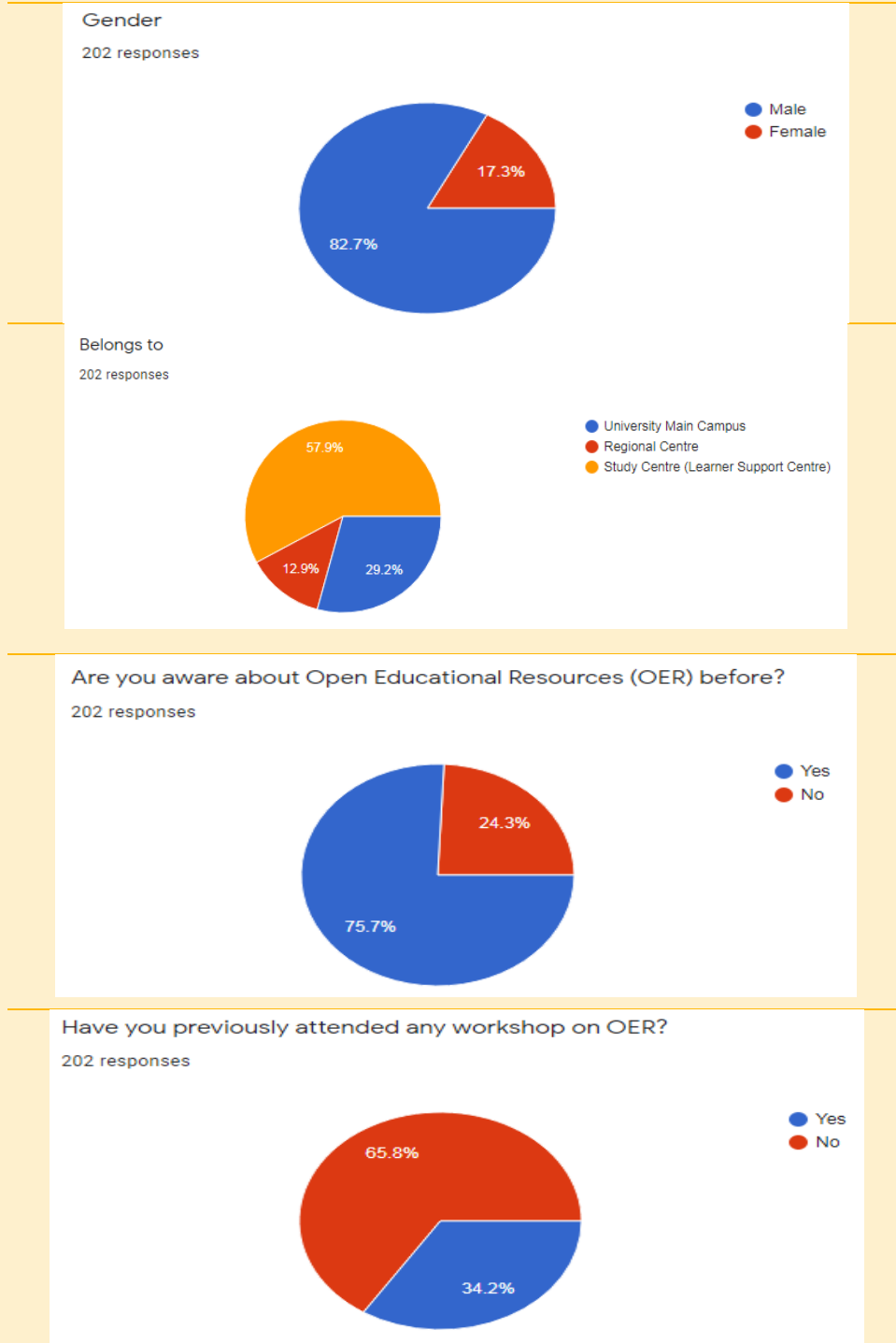


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## APPENDIX 3 GRAPHS

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

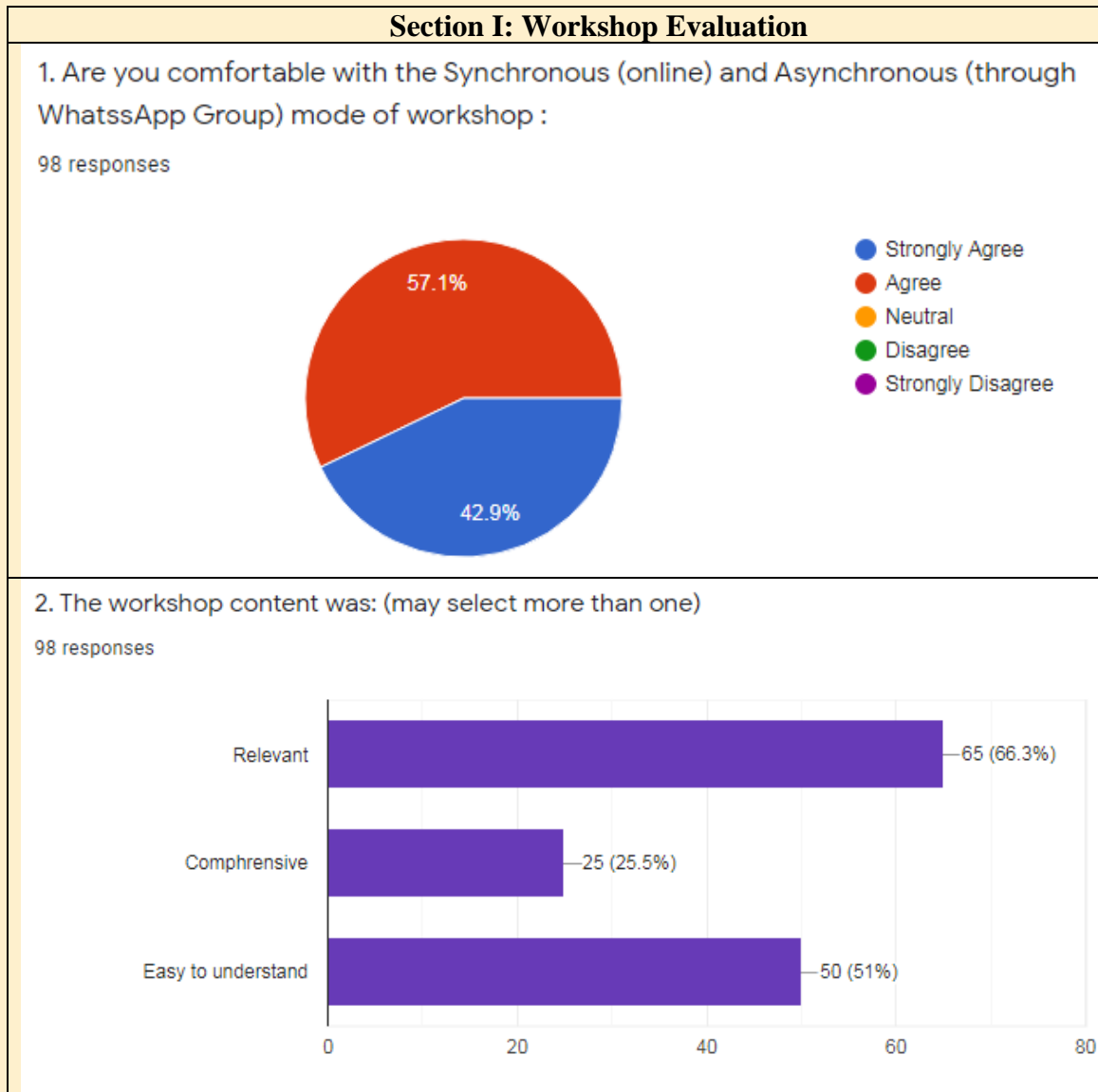


**B.** The Feedback Form for Workshop on "Adoption of Open Educational Resources in UPRTOU: A Capacity Building Program" consists of two sections:

*Section I: Workshop Evaluation*

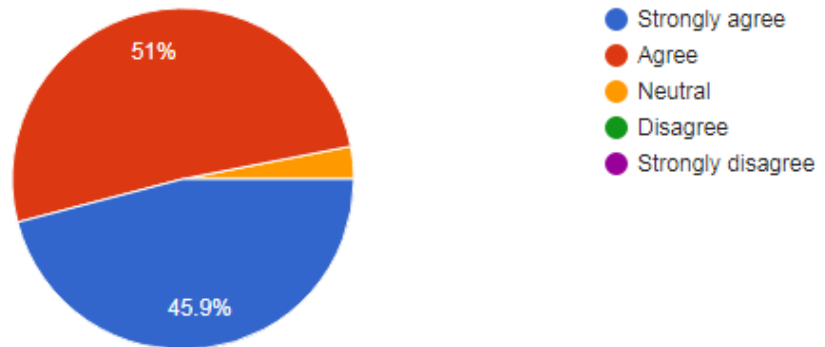
*Section II: Outcome Evaluation*

The following graphs visualize the results of the closed-ended questions in the evaluation surveys for section I and section II.



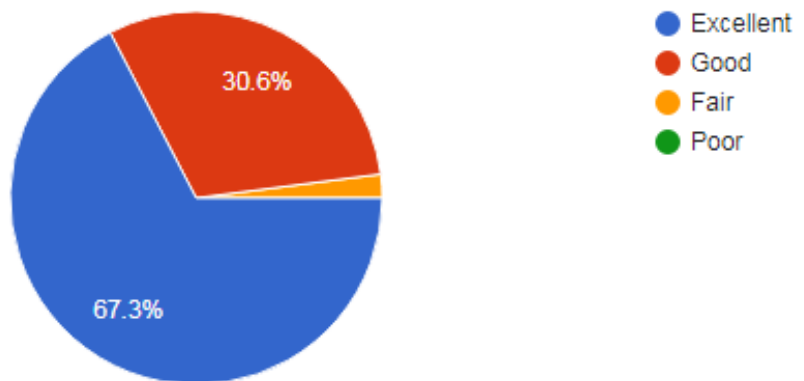
3. The workshop was well paced:

98 responses



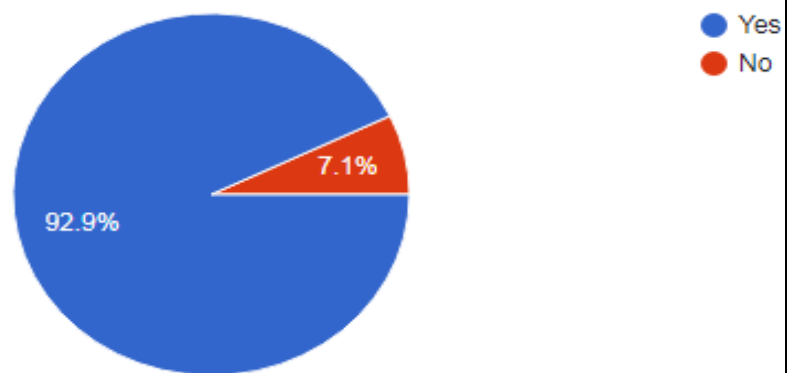
6. To what extent did workshop meet your expectations?

98 responses



7. Would you recommend this workshop to someone else?

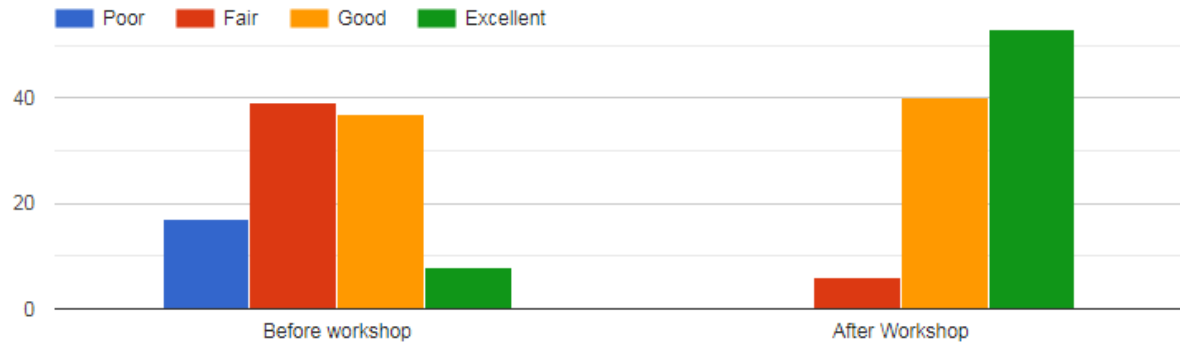
98 responses



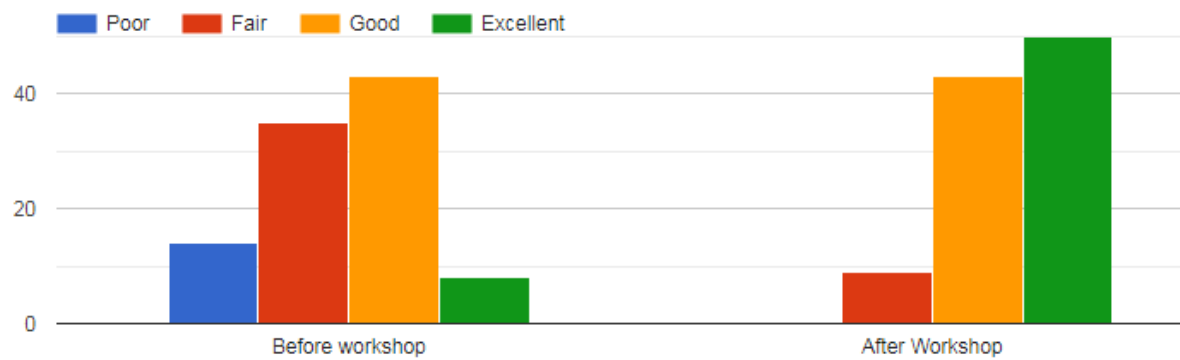


## Section II: Outcome Evaluation

### 1. Personal Reflection (learning chronicle, your skills and abilities, learning style):



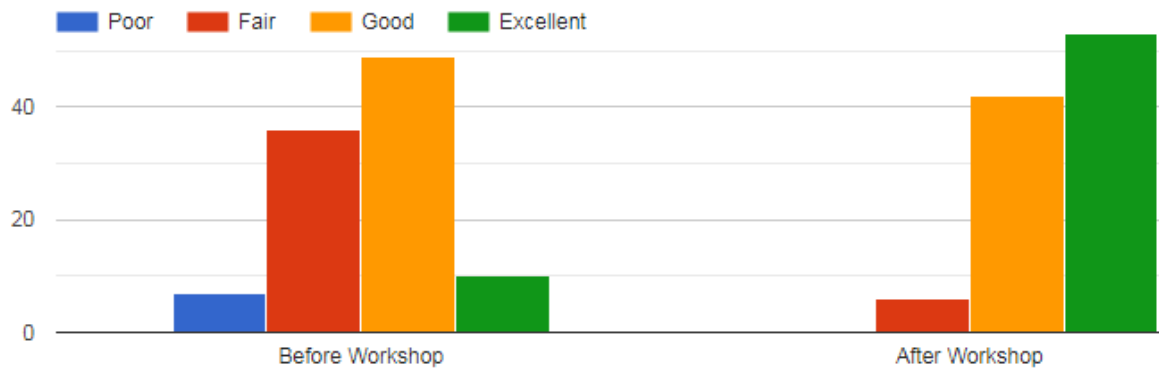
### 2. Research – gathering documents (proving learning, types of documents):



### 3. Integration – Putting it all together: (goal setting, learning outcomes)

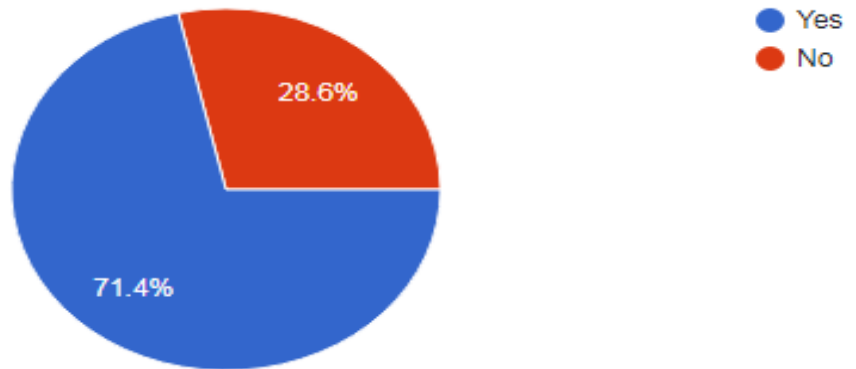


4. Your ability to identify your skills and abilities:



5. Are you enroll in the 2 Hour MOOC on OER?

98 responses



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## APPENDIX 4 LEARNING OUTCOMES

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### **Online workshop on "Adoption of Open Educational Resources in U.P Rajarshi Tandon Open University: A Capacity Building Programme"**

After following this webinar, 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