



Adoption of Open Educational Resources in U.P.Rajarshi Tandon Open University

**17-19 January
2022**

A Capacity Building Programme

Organised by
**Commonwealth Educational Media Centre for Asia (CEMCA),
And
U.P.Rajarshi Tandon Open University**

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A Capacity Building Programme

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CEMCA- UPRTOU
Adoption of Open Educational Resources in U.P.Rajarshi Tandon Open University

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Background

The emergence of Creative Commons licenses of OER has made it easier for creators of original work to specify the terms and conditions of use. Using OER materials, institution can save money and avoid duplication of work.

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, UPRTOU in collaboration with CEMCA organized three-day capacity building programme on Adoption of Open Educational Resources in U.P. Rajarshi Tandon Open University for ODL teachers.

Objectives

The training objectives of this three day programme were 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.

Venue

The three-day programme was held through online using zoom platform.

Date

17-19 January 2022

Participants

Faculty members of UPRTOU and other faculty from the state. (List of participants enclosed)

Methodology

This training is awareness and Capacity Building programme to the faculty of university in adapting open educational resources. The methodology used for the training made full use of experiential learning methodologies. Accordingly, the programme used structured presentations on the concepts of OER. After the brief presentations, the faculty interact with resource persons.

Schedule

A detailed schedule is enclosed in Appendix-1

Coordinators

Dr. Ashutosh Gupta

Deputy Director, CIQA, UPRTOU

Dr. Manas Ranjan Panigrahi

Sr. Programme Officer

Email: mpanigrahi@col.org

Resource Person (s)

Dr. G. Mythili

Deputy Director, STRIDE, IGNOU

gmvthili@ignou.ac.in

Training Programme Proceedings

Day One (17 January, 2022)

Inaugural Session

Dr. Ashutosh Gupta, Deputy Director, CIQA of UPRTOU and the Coordinator of this training programme welcomed the Vice chancellor, UPRTOU, Director, CEMCA and other dignitaries of the programme. Dr. Omji Gupta, Director, CIQA of UPRTOU expressed that capacity building on OER is need of the hour. Prof. Madhu Parhar, Director, CEMCA expressed her gratitude to the VC, UPRTOU for initiating the activities on Open Educational Resources and welcomed the participants for their active participation to attend the training programme. She assured that CEMCA will extend their support to these activities in future too. The programme was inaugurated by Prof Seema Singh, Vice Chancellor, UPRTOU. She highlighted the CEMCA initiatives and support towards capacity building for their faculty and the OER policy and guidance to convert the Universities learning resources into OER. She also emphasized the capacity building programme to develop the skills on OER which is useful for teaching learning process and development.

She welcomed Dr. G. Mythili, Resource Person from IGNOU, Dr. Dr. Manas Ranjan Panigrahi, the Sr. Programme Officer, CEMCA. She requested the participants to gain skills to develop OER. Dr. P. P. Dubey, Registrar proposed the formal vote of thanks to conclude the inaugural session.

Session 1: Understanding of OER and OEP

The first session on understanding OER and OEP was taken by the resource person. Dr. Mythili started with presentation by defining OER and followed by OER initiatives by MIT, UNSCO, COL. She explained the importance OERs and its uses in the Open Distance Learning System. Further she explained the understanding of the OERs with 5Rs namely, Reuse, Revise, Remix, Redistribute and Retain in details. She also discussed some of world wide initiatives on OER and its relevant websites. Some OER initiatives in India such as NPTEL, NROER, Project Oscar-IIIT-B, Open Educational Resources for Schools (OER4S)-Homi Bhabha Center for Science Education, NIOS-OER, TESS-India and KOER were discussed. Finally, how OER can be used in teaching learning process followed by participants interaction on the topic.

Session 2: Understanding OER Licensing

In the next session of day 1, Dr. Mythili discussed regarding the Creative Common License and the relationship with the concepts. Creative Commons by concepts –Attribution, Share Alike, Non-Commercial and Non-Derivatives. She explained all six creative commons licensing in details. CC-By, CC-By SA, CC-By-NC, CC-By-ND, CC-By-NC-SA, CC-By-NC-ND were discussed and how these licenses can be used and what these licensing help for teaching learning process. Further a course on ‘Understand OER’ developed by COL was introduced. All the participants were asked to registered the course online <https://learnoer.col.org/> for gaining knowledge on OER and concepts.

After completing the course, the participants were asked to post their certificates in the whatsapp group.

Day Two (18 January, 2022)

Recapitulation

The second day started with recapitulation of day 1 learning. Dr. Mythili and Dr. Manas. The content covered in the day 1 was reviewed. The resource persons interact with the participants and cleared the doubts and encouraged them to develop skills on OER.

Session 3: OER Policy

This session was taken by Dr. Manas. He explained the objectives of OER policy and why the institutions required OER policy for the learning resources. Further he elaborated the OER Creation, OER Adoption, OER Integration, OER Sharing, Content Developer, Copyrights, Open License, and Institutional Repository. He demonstrated the OER policy template and asked the participants to go through the policy document. This session was ended with interaction by the participants.

Session 4: Finding OER using Google

The session 4 of the day 2 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 OER search engine for OER audio clips, images were demonstrated. She explained how to locate OER licensing on the websites and explained the implications. The doubts raised by the participants were well taken by the resource person.

Day Three (19 January, 2022)

Recapitulation

The third day started with recapitulation of day 2 learning. Dr. Mythili and Dr. Manas. The content covered in the day 2 was reviewed. The resource persons interact with the participants and cleared the doubts and encouraged them to search and find relevant OER.

Session 5: Searching, Creating, Attributing and Integrating OER

The session 5 was taken by Dr. Mythili. She explained comparable table for mixing of different OER licensing. She demonstrated how to mix different licensing and provide new license for the created content. She explained how to cite the OER material and include in the course content followed by referencing in APA style. Participants were asked to identify suitable OER for their course. She further discussed how to contribute OER and the Quality Assurance of OERs in detail.

Valedictory Session

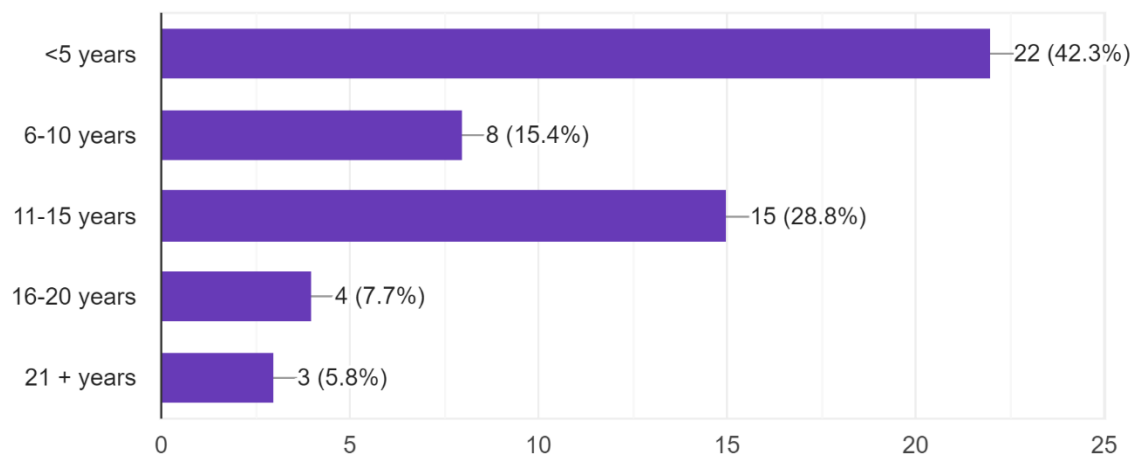
Dr. Ashutosh Gupta, Deputy Director, CIQA of UPRTOU welcomed Prof Seema Singh, Vice Chancellor, Prof. Madhu Parhar, Director, CEMCA, Dr. Omji Gupta, Director, CIQA, Dr. P. P. Dubey, Registrar, participants and resource persons to the valedictory session. He presented brief report on the 3-day training programme. Some of the participants expressed that the training programme provided skills OER. While delivering the valedictory address, Prof Seema Singh, Vice Chancellor appreciated the effort of CEMCA towards capacity building on OER and policy. She assured to have a OER policy in their university. Prof. Madhu Parhar expressed her graduate and congratulated the participants for successful completion of online training programme on OER. Dr. Omji Gupta, Director, CIQA added that faculty to equip themselves with latest technology. He congratulated the CEMCA, COL for their effort towards this programme. The training programme ended with vote of thanks by Dr. P. P. Dubey, Registrar.

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.

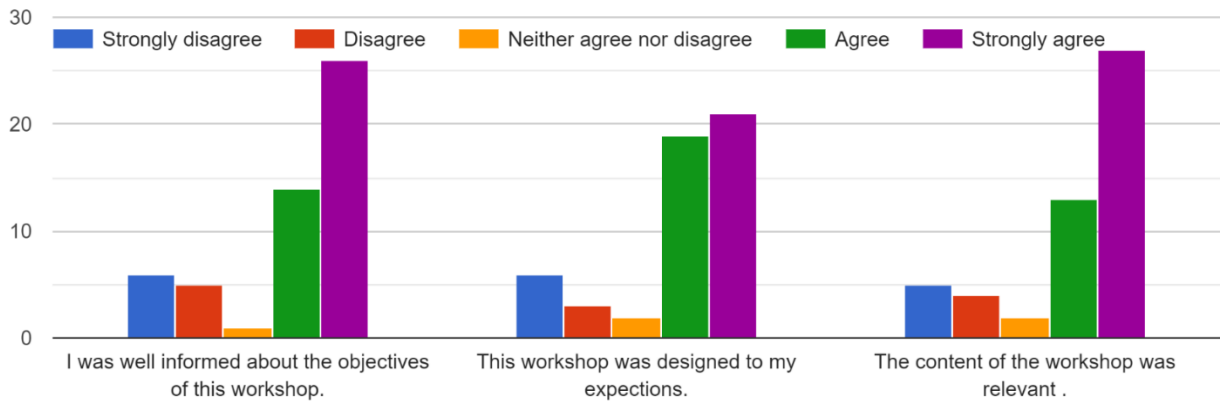
Participants Experiences

The analysis revealed that experiences of the participants, 28.8% of the UPRTOU faculty have 11-15 years, 42.3% have less than 5 years experiences and only 7.7% have 16-20 years experiences this shows that UPRTOU faculty were keen to learn and are expected to design and develop courses for the Swayam portal.



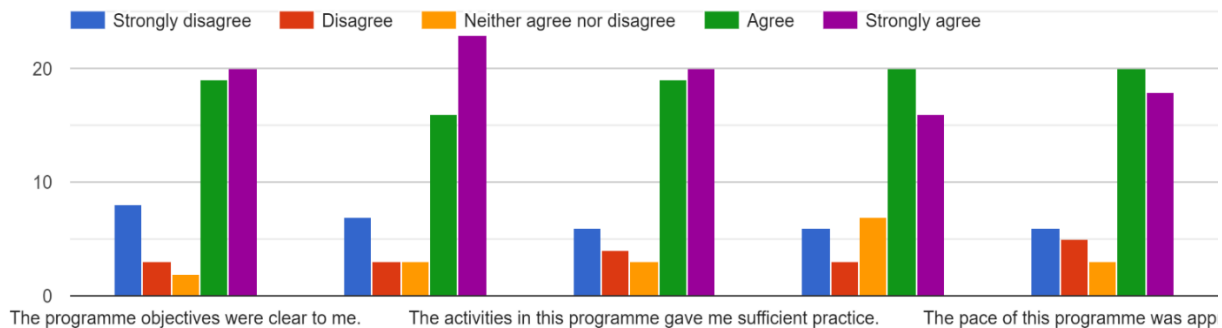
Participant's View on Programme Content

The UPRTOU faculty replied on the content of the programme. Out of 56 participants, 3 were strongly agreed and 14 were agreed that the objectives of the workshop were well informed to them. 21 were strongly agreed and 19 were agreed that the workshop was designed to their expectations. 3 were strongly agreed and 10 were agreed that the content of workshop was relevant.



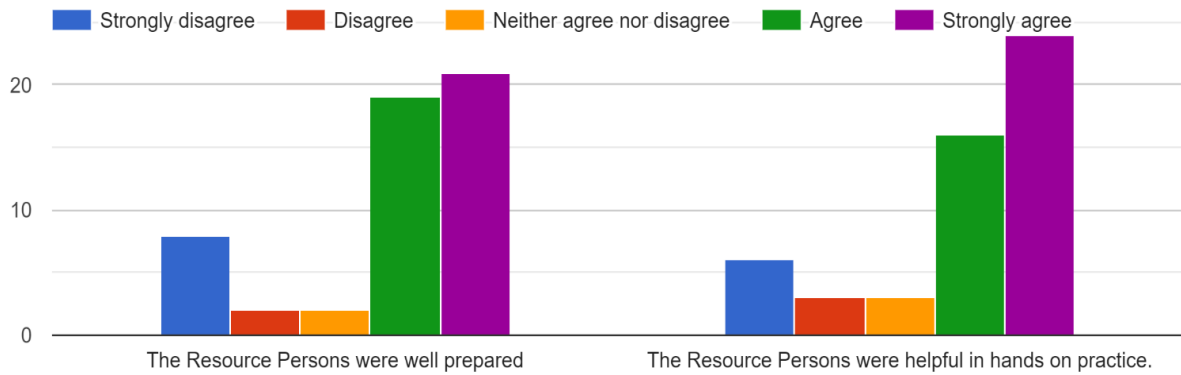
Participant’s View on Programme Design

While analyzing the reply of design of the workshop, 19 agreed and 20 participants strongly agreed that the objectives of the workshop were clear and the pace of the workshop also appropriately organized. 19 participants agreed and 20 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.



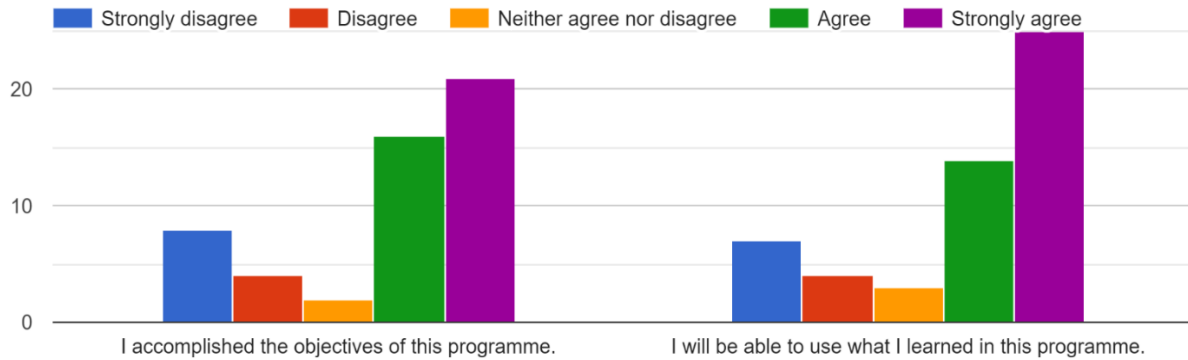
Participant’s View on Resource Persons

Most of the participants of the workshop expressed that the resource persons of the workshop were well prepared for their sessions.



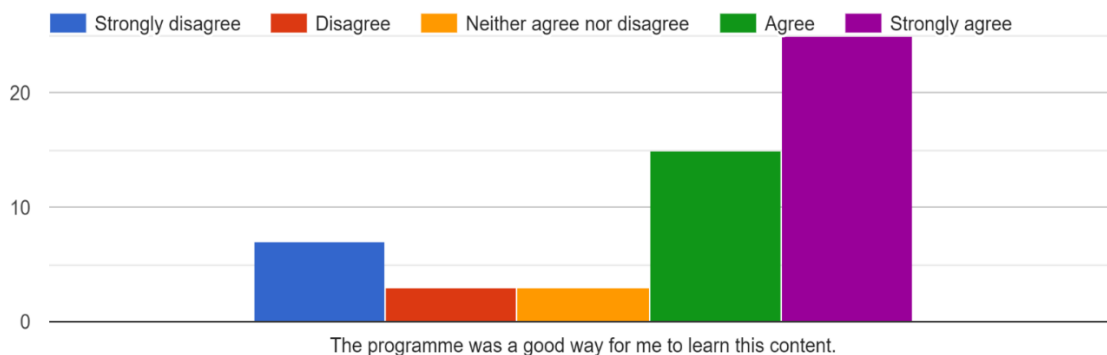
Participant's View on Programme Results

16 participants agreed that the workshop objectives were contented during three days and 25 participants 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.



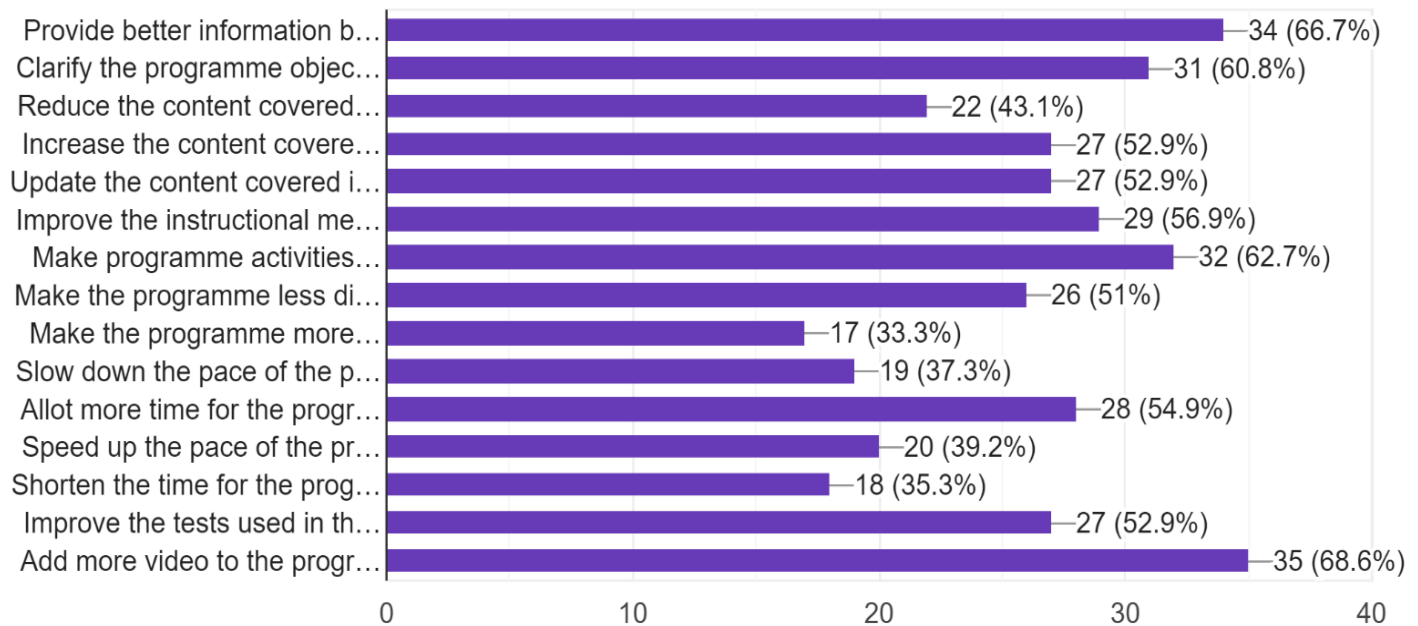
Participant's View on Self-Pace Delivery

15 participants agreed and 26 participants strongly agreed that the programme was a good way for me to learn the content. 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. 53.8% participants expressed that more time can be allotted to the workshop, 67.3% stated that more videos/tutorials can be added for future references and 63.5% said that there should be more activities which stimulate the programme. 67.3% asked to provide workshop related information before the programme, 53.8% 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

- It was very good initiative. This type of programmes must be organised
- This type of workshop should be conduct again for our benefits. This workshop should be done for regional centres.
- Program should in bilingual. English and Hindi Both.

PROGRAMME SCHEDULE

Day 1: 17.01.2022				
S. No	Time	Activity Session	Resource Person	Outcomes
1	11.00am-11.30am	Opening Ceremony	Director CEMCA	
2	11.30am - 12.15pm	Understanding of OER and OEP	Dr. G Mythili, IGNOU	Understanding developed on the concept.
3	12.15pm - 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"> • Discussion on participants queries • Sharing of relevant materials • Feedback on activities 	All Resource Persons (asynchronous facilitation)	Participants engaged on different activities and relevant contents.
Day 2: 18.01.2022				
4	11.00am-11.15am	Recapitulation	Dr. G Mythili and Dr. Manas Ranjan Panigrahi	Refreshed on previous day contents
5	11.15am - 12.00noon	OER Policy	Dr. Manas Ranjan Panigrahi	Understanding the OER policy
6	12.00noon - 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"> • Discussion on participants queries • Sharing of relevant materials Feedback on activities 	All Resource Persons (asynchronous facilitation)	Participants engaged on different activities and relevant contents.
Day 3: 19.01.2022				
7	11.00am-11.15am	Recapitulation	Dr. G Mythili and Dr. Manas Ranjan Panigrahi	Refreshed on previous day contents
8	11.15am - 12.30 pm	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"> • Workshop Feedback through google form • Discussion on participants queries • Sharing of relevant materials Feedback on activities	All Resource Persons (asynchronous facilitation)	Participants engaged on different activities and relevant contents.

Online Facilitation:

- Synchronous: **11.00am-1.00pm**
- Asynchronous: WhatsApp (Flexible)

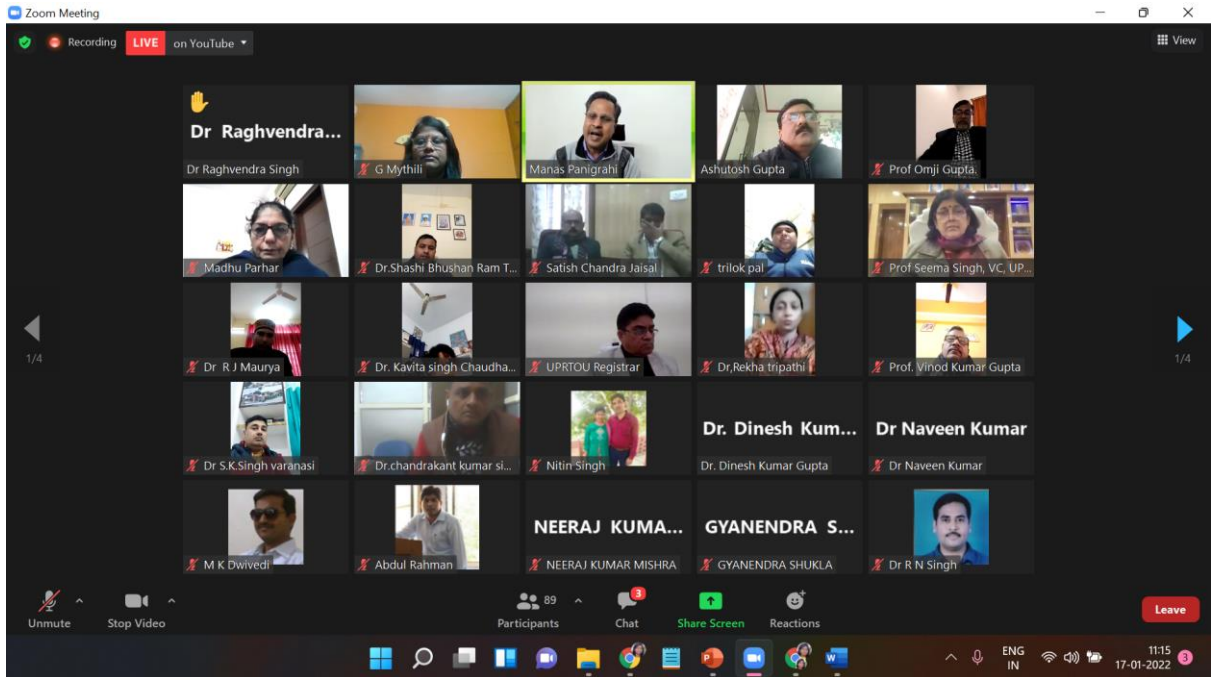
Appendix-2

List of Participants

Name	Designation	Discipline	E-mail id	WhatsApp number
MAHENDER PRATAP GAUTAM	Assistant Professor	Entomology	gautam.mp522@gmail.com	9451375116
Dr. ABHISHEK SINGH	Assistant Professor	Geography	singhshanky1986@gmail.com	9454074624
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Rajmani Pal	Asst. Prof.	Education	rajmanipal11@gmail.com	9984989191
Sant Lal Ravat	Asstt. Prof.	Education	Profslravat@gmail.com	9450628843
ABHINAY KUMAR SINGH	ASSISSTANT PROFESSOR		abhinaykumarsingh6@gmail.com	8574000515
Sameer Ahmed	Assistant Professor	Management	ahmedsameer2919@gmail.com	7617634703
Dr Manoj kumar dwivedi	Asst. Professor	A good teacher must be able to maintain discipline in the class room.	mkdwivedi32@gmail.com	9454913005
Dr. Shyam Datt Dubey	Assistant professor	Geography Department	shyamduddubey@gmail.com	7459815555
MITHILESH KUMAR	STUDENT	YES	mithileshms956@gmail.com	9506054350
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KM BANIT SAINI	STUDENT	Yes	mneeta1990@gmail.com	8630071093
Trelok chandra pal	Coordinater		Trilokpal1979@gmail.com	9412483031
Brijesh Kumar Singh	Assistant Professor	Special Education(Hearing Impairment)	brijeshsingh871@gmail.com	9389776508
Dr. Kavita Tyagi	Assistant professor	Hindi	tyagi.kavita1972@gmail.com	9999752457
DR.ANUJ KUMAR PATEL	Associate Professor	HINDI LITERATURE	anujpatel1982@gmail.com	9454699967
Dr. Shivendra Pratap Singh	Assistant Professor	English	shivendrapratap017@gmail.com	9795155727
Dr. Dinesh Kumar Gupta	Assistant Professor-Chemistry	Science	guptadines@gmail.com	9450622596
Dr Shachi Mittal	Associate prof.	Teaching	shachimittal8848@gmail.com	9359915892
Neeraj Kumar Trivedi	Assistant professor B Ed	Education	trivedi.neeraj84@gmail.com	9616567660
Dr Dildar Husain	Assistant professor		drdildarmgm@gmail.com	7417297892
VIJAY Kant Yadav	Co-ordinator			9452871789
Law Kumar Singh	Assistant Professor	Computer Science and Engineering	lawkumarcs@gmail.com	9760386496
Sanjeev Kumar Goel	Advocate	Advocate	skgoel2013@gmail.com	9808445270
Ajay Pal	Coordinator	Discipline is the mast	ajaybaghel2623@gmail.com	9557432725

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Arvind Kumar Sharma	Office Asst.		akdefence2005@gmail.com	8077499014
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Dr.Neeranjali Sinha	Regional coordinator lucknow	History	sinha.neeranjali@gmail.com	9453015696
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Vijaya Rani Berma	Principal	Education	Vijaya.lko@gmail.com	8957464559
Arvind Kumar Sharma	Office Asst, s001	Good	akdefence2005@gmail.com	8077499014
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Dr Shyam Datt Dubey	Assistant professor	Geography Department	shyamduttdubey@gmail.com	7459815555
Vinod Kumar Gupta	Professor	Sanskrit	vinodkanchan25@gmail.com	9412394602
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Dr.Pankaj Kumar Singh	Cordinator		dddc2004@gmail.com	9473723340
Neeraj Kumar Trivedi	Assistant Professor , Co ordinator uprtou	Bachelor of Education	trivedi.neeraj84@gmail.com	9616567660
Dr Gopal Nandan Srivastava	Assistant Professor	Department of Geography	gnandan1984@gmail.com	9935433467
Rajawat lal yadav	Kendra samnwayak	Good	rajanyadivansi89@gmail.com	9451051457
Rajwant lal yadav	Center coardinature	Good	rajanyaduvansi89@gmail.com	9451051457
Sant Lal Ravat	Asstt. Prof.	Education	Profslravat@gmail.com	9450628843
Shubham singh	Research scholar			
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Sant Lal Ravat	Asstt. Prof.	Education	Profslravat@gmail.com	9450628843
Dr.Shashi Bhushan Ram Tripathi	Assit.Prof.	Regional Center Ayodhya	dr.shashibrtripathi@gmail.com	9452063609
Bindu Singh			bindusinghvns872@gmail.com	7985242210
Dr. SUSHIL KUMAR TIWARI	CHIEF LIBRARIAN	LIBRARY AND INFORMATION SCIENCE	principalsktiware24@gmail.com	9450726668
Dr.Sant Lal Ravat	Asstt. Prof.	Education	Profslravat@gmail.com	9450628843
SUSHIL KUMAR TIWARI	ASST.LIBRARIAN	BA	librariansktiware24@gmail.com	9569303613
Sunita Yadava	Associate Professor	Humanity	dr.sunitasocio@gmail.com	9454845424

Photo Gallery







Zoom Meeting

LIVE on YouTube

A grid view of a Zoom meeting with 20 participants. The participants are arranged in a 4x5 grid. The names of the participants are: Prof. Vinod Kumar Gupta, G. Mythili, Dr. Abhishek Singh, trilok pal, Ashutosh Gupta, Prof. Omji Gupta, Dr. Shrivendra Pratap Singh, Parveen Kumar, R. C. Gor..., Dr. S.K.SINGH, Dr. Shashi Bhushan Ram T..., Prof. Seema Sin..., Dr. Shyam Dutt..., Dr. sushma chau..., Dr.chandrakant..., Dr. Shruti Sriva..., Dr. Neeta Mishra, Dr. Sanjay Kumar Singh, Rajiv Ranjan, Dr. Dinesh Sing..., Pradeep kumar..., parvind verma, Prashant Kumar Srivasta..., Dr.R.B.Singh, Regional Centr..., and Arvind kumar... The bottom toolbar shows options like Mute, Stop Video, Security, Participants (50), Chat, Share Screen, Record, Breakout Rooms, Reactions, and Leave. The system tray at the bottom shows the Windows taskbar and system icons including network, volume, and date/time (11:06, 18-01-2022).

Zoom Meeting

Recording... LIVE on YouTube

A chat view from a Zoom meeting. The main window shows a video of a man with glasses and a beard, wearing a black jacket. The chat window on the right contains the following messages:

- Dr. Anuj Kumar Patel to Everyone: respected sir pls add me in WhatsApp group 9454699967 DR ANUJ PATEL S_453
- Nripendra Singh to Everyone: सर शेयर व्हाट्सएप ग्रुप लिंक
- Dr. Anuj Kumar Patel to Everyone: Respected sir pls add me in WhatsApp group 9454699967 DR ANUJ PATEL S_453
- Dr. Anuj Kumar Patel to Everyone: sir pls share WhatsApp group link
- Me to Dr Raghvendra Singh (Direct Message): ppts sent, please see the whatsapp group

At the bottom, there is a field to type a message to Dr. Raghvendra Singh (Direct Message). The system tray at the bottom shows the Windows taskbar and system icons including network, volume, and date/time (13:09, 18-01-2022).

Zoom Meeting

Recording... LIVE on YouTube

Ashutosh Gupta is talking...

Pradeep kumar... Pradeep kumar pandey	Arvind kumar... Arvind kumar mishra	S Sunil Kumar	S Shreeya Banerji	Dr. Kavita Tyagi Dr. Kavita Tyagi
Dr Raghendra... Dr Raghendra Singh	Indu Bhushan P... Indu Bhushan Pandey	Dr. Deepshikha... Dr. Deepshikha Srivastava	Dr. Shachi Mittal Dr. Shachi Mittal	 Dr. Rekha Singh RC Agra
 parvinda verma	Rashmi Bishnoi Rashmi Bishnoi	 Dr. Dinesh Kumar Gupta	NEERAJ KUMA... NEERAJ KUMAR MISHRA	LAW SINGH LAW SINGH
Dr. Shruti Sriva... Dr. Shruti Srivastava	Dr Deepa Chau... Dr Deepa Chaubey	 Rajiv Ranjan	Dr. Dinesh Sing... Dr. Dinesh Singh, UPRTO...	 Nripendra Singh
 BANITA SAINI	 sanjay kumar saroj	GOVIND JI RAS... GOVIND JI RASTOGI	 Dr. vipin singh	Dr Devessh Dr Devessh

Unmute Start Video Security Participants 61 Chat Share Screen Pause/Stop Recording Breakout Rooms Reactions Leave

ENG IN 13:10 18-01-2022

Zoom Meeting

Recording... LIVE on YouTube

Ashutosh Gupta is talking...

Rashmi Bishnoi Rashmi Bishnoi	 Dr. Dinesh Kumar Gupta	NEERAJ KUMA... NEERAJ KUMAR MISHRA	LAW SINGH LAW SINGH	Dr. Shruti Sriva... Dr. Shruti Srivastava
Dr Deepa Chau... Dr Deepa Chaubey	 Rajiv Ranjan	Dr. Dinesh Sing... Dr. Dinesh Singh, UPRTO...	 Nripendra Singh	 BANITA SAINI
 sanjay kumar saroj	GOVIND JI RAS... GOVIND JI RASTOGI	 Dr. vipin singh	Dr Devessh Dr Devessh	Brijesh Kumar S... Brijesh Kumar Singh Ask to Unmute
Dr Vijay kumar... Dr Vijay kumarYadav	Ankit Kumar Ankit Kumar	Faiz E Aam Coll... Faiz E Aam College	Dr kanchan singh Dr kanchan singh	Dr Atul Kumar... Dr Atul Kumar Mishra
Dr,Rekha tripathi Dr,Rekha tripathi	 Sanjeev kumar Goel	Ram Lakhan Pal Ram Lakhan Pal	Dr. Akash Varsh... Dr. Akash Varshney	Satish Chandra... Satish Chandra Jaisal

Unmute Start Video Security Participants 61 Chat Share Screen Pause/Stop Recording Breakout Rooms Reactions Leave

ENG IN 13:10 18-01-2022

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Policy before any deviation is agreed upon with justification approved by the competent authority of the University

6.0 Licenses:

- 6.1 While the University supports free and open access to all educational resources and will make them freely available on OER Repository through Creative Commons Attribution all contents it owns or co-owns subject to the decision taken by the competent authorities of the University on the recommendation of concerned schools of studies;
- 6.2 The University may make exceptions to the sharing of intellectual property it owns on a case by case basis with detailed reasons for limiting the free access to material. Such restrictions should be time dependent.
- 6.3 Intellectual property owned by the University that it considers is commercially sensitive may also be restricted.
- 6.4 Open licensing allows IP owners to modify the copyright on the intellectual property to facilitate openness. The most popular and well-known open license is the Creative Commons license (CC). Creative Commons licensing does not change the copyright ownership, it rather alleges for affordances and sets stipulations for end-users based on the following license conditions:
 - 6.4.1 Attribution (By): The standard condition for CC license in which usage requires citing, referencing of the creator/source.
 - 6.4.2 No Derivatives (ND): This condition mandates that no derivative works or adaptations may be made by users.
 - 6.4.3 Non-Commercial (NC): This condition mandates that users do not sell or make commercial usage of the licensed materials.
 - 6.4.4 Share-Alike (SA): Usage requires that any derivatives, remixes, or adaptations of the work be licensed under the same Creative Commons license.
- 6.5 Six specific types of CC licenses to be used in the execution of the OER policy are as given below:
 - Attribution CC BY
 - Attribution Share Alike CC BY-SA
 - Attribution No Derivatives CC BY-ND

CEMCAZoom@c...
CEMCAZoom@col.org

Unmute Start Video Security Participants 79 Chat Share Screen Pause/Stop Recording Breakout Rooms Reactions Leave

Zoom Meeting

Recording... LIVE on YouTube

Prof Omji Gupta Neeranjali Sinha Dr. Surendra Kumar Dr. Shashi Bhushan Ra... Arvind kumar mishra Parveen Kumar, R. C. G...

Madhu Parhar

ENG IN 12:37 19-01-2022

