

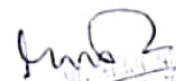
**UGC-Approved Short Term Professional Development
Programme**

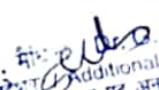
**'Development and Use of Open Educational Resources
(OER) in Distance and Online Learning'
(Through Online)
(04-09 July, 2022)**

Report

Organised by:

**Staff Training and Research Institute of Distance Education
Indira Gandhi National Open University
Maidan Garhi, New Delhi-110068**


Prof. Santosh Panda
STRIE IGNOU New Delhi


Dr. J. K. Mishra, Mythili
Additional Director
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IGNOU, Maidan Garhi, New Delhi-110068

**UGC-Approved Short Term Professional
Development Programme
'Development and Use of Open Educational
Resources (OER) in Distance and Online Learning'
(Through Online)
(04-09 July, 2022)**

Programme Coordinators

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- Dr. Pulla Lakshmi, Assistant Professor, STRIDE, IGNOU, Maidan Garhi, New Delhi.
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- Prof. Santosh Panda, Professor of Distance Education, STRIDE, IGNOU, Maidan Garhi, New Delhi. Email: spanda.ignou@gmail.com Mobile No: 7042173838.

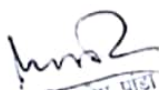
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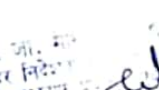
During the past one and half decades, both traditional classroom education and the recent open and distance learning (ODL) have progressed toward the practices of open education and open learning. Following the coinage by UNESCO, the term OER (open educational resources) in 2002, constant efforts have been made by agencies, institutions and individuals to declare all types of teaching-learning resources as OER, and to move toward 'open sharing', 'open pedagogy' and 'open educational practices'. There are international legal clearing house/copyright forums like Creative Commons which facilitate open education and open sharing. There are recent movements to move from costly textbooks to open textbooks, OERs, and open publishing. Institutions especially open universities and ODL DEIs are gradually moving to use OERs and open pedagogies for economic, pedagogic and organizational imperatives. The present workshop was a contribution toward these goals in the context of IGNOU.

Specific Outcomes of the Programme

The 6-days workshop was focus on the following issues and outcomes:

1. Understanding OER, and its developments and current status through exposure to especially international experts.
2. Locating, retrieving, adopting, and designing OER for one's own programme/course.
3. Considering cost considerations and assessments for OER adoption.
4. Exposure to policies, practices and research on OER.
5. Practically go through the COL course on Learn OER.
6. Developing strategies for increasing institutional use of OER in distance education and training.


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Participants

Around 50 Teachers and Academics from SOUs & DEIs were joined the 6-day programme.

TNA Study

A quite TNA was conducted on prospective participants to locate additional areas, besides those listed in the programme schedule.

Methodology

The methodology of the programme was included, presentations, going through the online course on Learn OER, web conferencing with international experts, presentation and discussion by internal experts, interactions, group discussions and individual practice. Participants were requested to bring laptops (being your own device), smart phones and Head phones/ earphones, as the workshop was based on hands-on activities.

Duration

The programme was conducted through online from 4-9 July, 2022, 10.00 am – 5.30 pm (including tea and lunch break).

Resource Persons

International experts were presented through web conferencing, and IGNOU faculty who were experts in the area were also presented as resource persons for this workshop.

Workshop Reading Resources

The following OER materials were shared with participants and were used during the workshop:

- Bossu, C.; Brown, M. & Bull D. (2014). *Feasibility Protocol for OER and OEP*. Sydney: Australian Government.
- Hegarty, B. (2015). *Attributes of open pedagogy: a model for using OERs*. Educational Technology, July-August.
- Kawachi, P. (2013). *Quality Assurance Guidelines for Open Educational Resources: TIPS framework*. New Delhi: CEMCA.
- Mishra, S. (2017). *Open educational resources: Removing barriers from within*. Distance education, 38(3), 369-380.
- Panda, S. & Santosh, S. (2017). *Faculty perception of openness and attitude to open sharing at IGNOU*. IRRODL, 18(7), 89-111.
- Panda, S. (2017). *Open Education and OER*. SWYAM/EPP video, JMI, New Delhi.
- Panda, S. (2019). *Evaluation of Online Course on Understanding Open Educational Resources*. Vancouver: COL.
- Phelan, L. (2012). *Politics, practices and possibilities of OERs*. Distance Education, 33(2), 279-282.
- Yuan, M & Recher, M. (2015). *Not all rubrics are equal: a review of rubrics for evaluating the quality of OERs*. IRRODL, 16(5), 16-38.

Activities

The participants were undertaking the following activities:

- Gone through the online course Learn OER of COL.
- Searched and located the discipline-specific OER and devised strategies to adopt/adapt.

Prof. Santosh Panda
30.07.22, 11:00 AM
IGNOU New Delhi

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Joint Director
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Ministry of Distance Education
New Delhi-110011

- iii. Examined existing OER policies-one international and one Indian.

Assessment and Certification

The evaluation strategies for grading and certification were included the following: holistic response (25), presentation (15), assignments (20), MCQ (40) from a total score of 100 as per UGC-HRDC guidelines. Certificate were issued to those who secure a minimum of 50% score out of 100. As equivalent to UGC-HRDC, this certificate was considered for API and CAS too.

Registration Fee


Registration fee was Rs. 4000/- per participant (for Indian). Nominations were accepted on first-cum, first-serve basis.

Payment Mode

Online payment: Bank Name: Punjab National Bank, A/c No. 2257000102037292, A/c Holder Name: IGNOU-STRIDE-PLAN, IFSC: PUNB0225700




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Programme Schedule

Date and Day	10.00 – 11.30 hrs.	11.30 – 11.45 hrs.	11.45 – 13.15 hrs.	13.15-14.15 hrs.	14.15 – 15.45 hrs.	15.45-16.00 hrs.	16.00 – 17.30 hrs.
Day 1 04/07/2022 (Monday)	Session 1 Inauguration Professor Avinash Chandra Pandey, Director UGC-Inter University Accelerator Centre IUAC, New Delhi, D/STRIDE & FDP Coordinators		Session 2: Open Education, OER and Open Education Practices (Prof. Santosh Panda, IGNOU)		Session 3a (14.15-15.00): OER Implementation- International Perspectives (Dr. Nantha Kumar Subramaniam, Malaysia) Session 3b (15.00-15.45): Borderless Open Education (OE4BW Experiences) (Dr. Madhavi Dharankar, SNDT/WU)	Session 4a (16.00-16.45): OER Implementations in BOU (Prof. Mostafa Azad Kamal, BOU)	
Day 2 05/07/2022 (Tuesday)	Session 5a (10.00-10.45): OER Implementations in OSOU (Dr. Srikanth Mohapatra, IGNOU) Session 5b (10.45-11.30): OER Implementations in UOU (Dr. Jeetendra Pandey, UOU)	T E A	Session 6: OER for Skilling (Prof. Ashok Kumar Gaba, IGNOU)	L U N C	Session 7: Understanding OER https://learn.oer.col.org/ (Activities 1: Hands-on-Practice on COL Module on OER) (Dr. G. Mythili & Prof. Santosh Panda)	Session 8: Understanding OER https://learn.oer.col.org/ (Activities 1: Hands-on-Practice on COL Module on OER...contd.) (Dr. G. Mythili & Prof. Santosh Panda)	
Day 3 06/07/2022 (Wednesday)	Session 9: Open Pedagogy (Prof. Santosh Panda, IGNOU)	B	Session 10: OER Licensing (Dr. S.K. Pulist, IGNOU)	H	Session 11: Researching OER: Evaluation and Costing (Prof. Santosh Panda, IGNOU)	Session 12: (Activities 2): Finding OER Documents & Integration to Courses (Dr. G. Mythili, Prof. Santosh Panda & Dr. Sujata Santosh)	
Day 4 07/07/2022 (Thursday)	Session 13: (Activities 3): Finding OER (Audio, Video) & Integration to Courses (Mr. Parveen Kumar, Educator, WVS, Kurukshetra)	R E A	Session 14: OER Policy: CEMCA perspectives (Dr. Manas Panigrahi, Senior Programme Officer, CEMCA)	B R E	Session 15: (Activities 4): Finding OER (Image) & Integration to Courses (Dr. R.C. Sharma, Ambedkar University, Delhi)	Session 16: Quality Assurance in OER (Prof. Madhulika Kaushik, PJC, Usha Martin University)	
Day 5 08/07/2022 (Friday)	Session 17: Creation of OER (Dr. G. Mythili, IGNOU)	K	Session 18: (Activities 5): Examination of two OER policies (Prof. Santosh Panda, Dr. G. Mythili & Dr. Sujata Santosh)	A K	Session 19: (Activities 5: contd....) (Hands-on Practice) (Prof. Santosh Panda, Dr. G. Mythili & Dr. Sujata Santosh)	Session 20: Contemplating OER Practices at IGNOU: Discussion on Plan of Action Chair: Prof. Uma Kanjilal, PJC Panelists: Prof. Madhu Parhar Dr. Akshay Kumar, Dr. OP Sharma	
Day 6 09/07/2022 (Saturday)	Session 21: Presentation by the Participants (Discipline-Based OER Module/Unit) (Prof. P.V. Suresh, Coordinators & STRIDE Faculty)		Session 22: Presentation by the Participants (contd....) (Prof. P.V. Suresh, Coordinators & STRIDE Faculty)		Session 23: Presentation by the Participants (contd....) (Prof. P.V. Suresh, Coordinators & STRIDE Faculty)	Session 24: Valedictory Session	

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Proceeding

Day One (04 July, 2022)

Prof. Santosh Panda Director, STRIDE welcomed Prof. Avinash Chandra Pandey, Hon'ble Director UGC-Inter University Accelerator Centre IUAC, New Delhi and participants of the programme. Director, STRIDE of IGNOU expressed that capacity building on OER is need of the hour for all the institutions. Dr. G. Mythili, Programme Coordinator, expressed her gratitude to the VC, IGNOU for initiating the activities on Open Educational Resources and welcomed the participants for their active participation to attend the training programme. The programme was inaugurated by Prof. Avinash Chandra Pandey, Hon'ble Director UGC-Inter University Accelerator Centre IUAC, New Delhi. He highlighted the NEP2020 implementation and support towards capacity building for the faculty and the OER policy and guidance to convert the Universities learning resources into OER. He also emphasized the capacity building programme to develop the skills on OER which is useful for teaching learning process and development. Dr. Pulla Lakshmi, Programme Coordinator proposed the formal vote of thanks to conclude the inaugural session.

Session on open education, OER and open practices was presented and open flexible learning, open access, open to teaching learning processes, and academic bank of credits were discussed. Various research studies on open educational practices were quoted. The benefits of OER and OEP for educational institutions were explained. Further, implementation of OER in international universities like Malaysia Open University, Wawasan Open University and Bangladesh Open University were discussed. Subsequently Open Education for a Better World (OE4BW) and its initiatives were highlighted.

The resource persons of day one was Prof. Santosh Panda, IGNOU, Dr. Nantha Kumar Subramaniam, Malaysia, Prof. Mostafa Azad Kamal, BOU, Dr. Jasmine Emmanuel, WOU and Dr. Madhavi Dharankar, SNDTWU.

Day Two (05 July, 2022)

The day two started with the discussion on OER implementation in Indian universities. OER policies in Odisha Open University and Uttarakhand Open University were discussed. Further skilling and OER was discussed.

The session on understanding OER and OEP was presented by defining OER and followed by OER initiatives by MIT, UNSCO, COL. The importance OERs and its uses in the Open Distance Learning System were explained. Further the understanding of the OERs with 5Rs namely, Reuse, Revise, Remix, Redistribute and Retain explained in details. Some of worldwide initiatives on OER and its relevant websites were highlighted. 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.

The participated were asked to register on <https://learnoer.col.org/> to study an online course Understanding OER on get the COL certificate.

The resource persons of day two was Dr. Srikant Mohapatra, IGNOU, Dr. Jeetendra Pande, UOU, Prof. Ashok Kumar Gaba, IGNOU, Dr. G. Mythili and Prof. Santosh Panda.

Day Three (06 July, 2022)

In day 3, open pedagogy was introduced and the designing aspects for online learning were discussed. Followed by the Creative Common License and the relationship with the concepts

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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.

In another session, research on OER was discussed including evaluating OER content and cost involved while developing OER also explained.

Many OER repositories were 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.

The resource persons of day three was Prof. Santosh Panda, IGNOU, Dr. S.K. Pulist, IGNOU, Dr. G. Mythili, IGNOU & Dr. Sujata Santosh, IGNOU.

Day Four (07 July, 2022)

In day 4, started with searching OER videos on YouTube. Further OER search engine for OER audio clips, images were demonstrated and explained how to locate OER licensing on the websites and implications.

The objectives of OER policy and why the institutions required OER policy for the learning resources were discussed. Further the OER Creation, OER Adoption, OER Integration, OER Sharing, Content Developer, Copyrights, Open License, and Institutional Repository were discussed. Demonstration on the OER policy template was done and asked the participants to go through the policy document. Quality assurance in OER were explained.

The resource persons of day four was Mr. Parveen Kumar, Educator, WWS, Kurukshetra, Dr. Manas Panigrahi, Senior Programme Officer, CEMCA, Dr. R.C. Sharma, Ambedkar University, Delhi, Prof. Madhulika Kaushik, PVC, Usha Martin University.

Day Five (08 July, 2022)

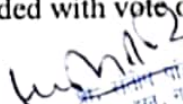
The day 5 was started by explaining comparable table for mixing of different OER licensing. How to mix different licensing and provide new license for the created content was demonstrated. How to cite the OER material and include in the course content followed by referencing in APA style was explained. Participants were asked to identify suitable OER for their course. Further how to contribute OER was discussed in detail. Participants were asked to examine two OER policies of any institutions for better understanding of OER policy. A panel discussion on Contemplating OER Practices at IGNOU was conducted.


The resource persons of day four was Prof. Santosh Panda, Dr. G. Mythili & Dr. Sujata Santosh, IGNOU, Prof. Uma Kanjilal, IGNOU PVC, IGNOU, Prof. Madhu Parhar, IGNOU, Dr. Akshay Kumar, IGNOU, Dr. OP Sharma, IGNOU.

Day Six (09 July, 2022)

All participants were presented the units prepared using OER.

Prof. Santosh Panda Director, STRIDE welcomed Prof R.P Das, Pro-Vice Chancellor, IGNOU, participants and resource persons to the valedictory session. Dr. G. Mythili presented brief report on the 6-day training programme. Some of the participants expressed that the training programme provided skills OER. While delivering the valedictory address, Prof R.P. Das, Pro-Vice Chancellor appreciated the effort of STRIDE towards development and use of OER in distance and online learning. He added that faculty need to equip themselves with latest technology. The training programme ended with vote of thanks by Dr. Pulla Lakshmi, IGNOU.


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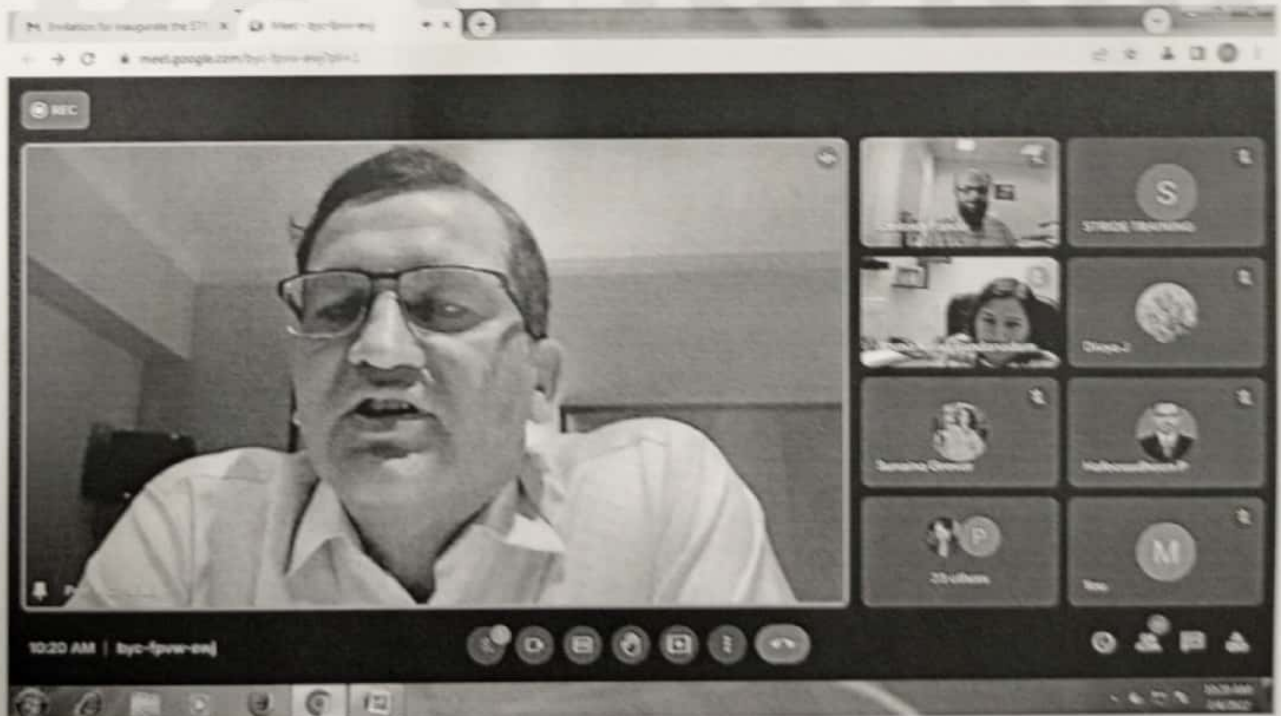
List of Participants

Sl. No.	Name	Designation	Name of the Institution	Email
1.	Dr. Rekha Karwasra	Assistant Professor	Nirwan University	drrekhajpr@gmail.com
2.	Ms. Aruna Kumari Bandanadam	Trainer	Sternberg	abandanadam@gmail.com
3.	Ms. Rajkanwar	Assistant Professor	SKD University Hanumangarh	rajkanwer57@gmail.com
4.	Dr. Trupti Dave	Professor	Institute of Professional Education and Research	drtruptidave@gmail.com
5.	Mr. Hafeesudheen P	Teacher	AMUP School Puramannur	hafeesbava786@gmail.com
6.	Ms. Jaisvee M	Teacher	Presidium	jaisvee31@gmail.com
7.	Prof. Battalapalii Sri Hari Rao	Professor	SVIMS, Tirupati	camsriharirao@gmail.com
8.	Mr. Pratap Kishore Mohanty	Academic Consultant	Odisha State Open University	pk.mohanty@osou.ac.in
9.	Ms. Nidhi Singh Rathour	Research Scholar	Indira Gandhi National Tribal University Amarkantak Madhya Pradesh	nidhisinghigtntu@gmail.com
10.	Dr. S.R. Padma	Assistant Professor	Tamil Nadu Agricultural University	padmasr@tnau.ac.in
11.	Dr. Vizender Singh	Assistant Professor	Guru Jambheshwar University of Science & Technology, Hisar	vsihag3@gmail.com
12.	Ms. kudala Swathi	Assistant Professor	ICFAI Foundation for Higher Education	swathi.kudala81@gmail.com
13.	Dr. Sunaina	Assistant Professor	Guru Jambheshwar University of Science and Technology, Hisar	groversunaina@gmail.com


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Photographs



UGC-Approved Short Term Professional Development Programme: Development and Use of Open Educational Resources (OER) in Distance and Online Learning. Inaugural Address by Prof. Avinash Chandra Pandey, Hon'ble Director UGC-Inter University Accelerator Centre IUAC, New Delhi; Welcome by Prof. Santosh Panda Director, STRIDE; Programme Coordinators: Dr. G. Mythili and Dr. P. Lakshmi. (July 4-8, 2022)

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 Dr. Santosh Panda
 Director, STRIDE, IGNOU, New Delhi

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