

Questionnaire for Teachers' Attitudes, Motivations and conceptions of Quality and Barriers to Open Educational Resources in India: A Survey

1. Introduction to this Study

This study attempts to understand teachers' psychological and behavioral determinants that might influence use or non-use of Open Educational Resources (OERs). We are trying to investigate why some teachers' share their works and some don't, and also why some teachers reuse, revise, remix and redistribute OER. In order to investigate this we have designed this questionnaire consisting of five major parts: **Part-A** seeks general information about the respondents, **Part-B**: cover items related to attitude towards use and adoption of OER, **Part-C**: include items about motivations toward use and adoption of OER, **Part-D**: cover items related to perceptions of quality of OER and **Part-E**: cover items related to barriers to use and adoption of OER.

Kindly spend about 20 minutes to respond to all the questions/items in this questionnaire. All information gathered will be used in aggregate form only, and no individual will be identified in any of the reports from the study.

Terms used in the Study:

OER: Open Educational Resources (OERs) are the materials available freely either in public domain or in an open license to use and adapt for teaching, learning, development and research.

User: An individual, who reuses, revises and remixes any OER.

Non-User: An individual, who has never reused, revised and remixed any OER.

Contributor: An individual, who has created, reused, revised, remixed, and redistributed (shared) OER.

Non-Contributor: An individual who has never distributed/ shared educational material in open license. He/she may have used, revised or remixed OER, but not shared with others.

Attitudes: Attitude is defined as a predisposition or a tendency to respond positively or negatively towards a certain idea, object, person or situation. In this case the concept and practices of OER.

Motivation: Motivation is defined as the process or factor that pushes an individual to accomplish a task. It is necessary to remove de-motivating factors as well as encourage motivating factors to accomplish a task.

Barriers: Barrier is defined as a process or factor which hinders an individual to use and contribute OER.

Quality: Quality is defined as a characteristic of OER that teachers view from their individual perception of value/worth/fitness of purpose.

Thanks for your support. Please continue with the survey.

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2. Part-A: General Information

Please fill in the following details:

1.	Your Name: (Optional) : _____					
2.	Your Gender:	Male	<input type="checkbox"/>	Female	<input type="checkbox"/>	
3.	Your Age:					
	< 25 Years	<input type="checkbox"/>	46-50 Years	<input type="checkbox"/>		
	26-30 Years	<input type="checkbox"/>	51-55 Years	<input type="checkbox"/>		
	31-35 Years	<input type="checkbox"/>	56-60 Years	<input type="checkbox"/>		
	36-40 Years	<input type="checkbox"/>	60-65 Years	<input type="checkbox"/>		
	41-45 Years	<input type="checkbox"/>				
4.	Your Email id: _____					
5.	Your Designation:					
	Lecturer/ Asst. Prof.	<input type="checkbox"/>	Professor	<input type="checkbox"/>		
	Reader/ Associate Prof.	<input type="checkbox"/>	Other (Please specify): _____			
6.	Your Discipline (✓ major discipline):					
	Humanities and Arts	<input type="checkbox"/>	Engineering and Technology	<input type="checkbox"/>		
	Social Sciences (including Education and Law)	<input type="checkbox"/>	Agriculture and Veterinary Sciences	<input type="checkbox"/>		
	Management and Commerce	<input type="checkbox"/>	Medical and Health Sciences	<input type="checkbox"/>		
	Natural Sciences	<input type="checkbox"/>	Other (Please specify): _____			
7.	Your Highest Educational Qualification:					
	Master Degree	<input type="checkbox"/>	M.Phil.	<input type="checkbox"/>	Ph.D.	<input type="checkbox"/>
8.	Your Teaching Experience (✓ one group):					
	0-5 Years	<input type="checkbox"/>	6-15 Years	<input type="checkbox"/>		
	16-25 Years	<input type="checkbox"/>	26- 35 Years	<input type="checkbox"/>		
	More than 35 Years	<input type="checkbox"/>				
9.	Nature of your job involves (✓ most relevant):					
	Face-to-face Teaching	<input type="checkbox"/>	Work-based Training	<input type="checkbox"/>		
	Distance Education	<input type="checkbox"/>	Research	<input type="checkbox"/>		
	Online Teaching/ Facilitation	<input type="checkbox"/>	Management	<input type="checkbox"/>		
	Blended/Hybrid (face-to-face and Distance/Online)	<input type="checkbox"/>	Other (Please specify): _____			
10.	List three most common languages that you use in teaching:					
	1. : _____		2. : _____			
	3. : _____					
11.	Name of your institution: _____					
12.	Status of your institution:					
	Public/Govt.	<input type="checkbox"/>	Private	<input type="checkbox"/>		
13.	Nature of your Institution (✓ any one):					
	Face-to-Face Teaching	<input type="checkbox"/>	Dual Mode Teaching	<input type="checkbox"/>		
	Distance Education	<input type="checkbox"/>				
14.	Number of students in your institution (✓ any one)::					
	< 5,000	<input type="checkbox"/>	5,001-50,000	<input type="checkbox"/>		
	Above 50,001	<input type="checkbox"/>	Other (Please specify): _____			

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15.	Have you used OER previously?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
16.	Have you contributed OER previously?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>

3. Part-B: Attitude towards Open Educational Resources (ATOER) Scale

This part of the questionnaire is intended to assess attitude towards OER. Please indicate your level of agreement or disagreement by putting a ✓ mark in the appropriate column. **SA = Strongly Agree, A = Agree, UD = Un-decided, D = Disagree and SD = Strongly Disagree.**

Items	SA	A	UD	D	SD
I have prior experience of using OER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OER means no need to ask any further permission to use them	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OER means the resource is openly licensed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OER means the learning resource is freely available to be used by anyone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OERs are digital or non-digital materials that can be re-used for teaching, learning, or research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I have knowledge of Intellectual Property Rights to understand OER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sharing of educational resources improves my professional respect	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
It gives me pleasure if someone adopts/adapts my educational resources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sharing helps me to get feedback	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sharing enhances my personal and organizational reputation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sharing of educational resources increases my profile amongst peers and others	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OER increases my network and sphere of influence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
As a teacher, it is my responsibility to share all educational resources created by me	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OER helps me to reach out to more students	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OER improves my chance of recognition at a global level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I believe that sharing educational materials as OER will encourage others to do so as well	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sharing enhances my confidence as I see myself in part of larger community	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
When others use my OER, it improves my sense of achievement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OERs help to disseminate my ideas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I can use OER easily due to its reusability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I use OER as they are available at reduced cost	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OERs are easy to use as they are accessible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OER promotes collaboration and consortia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am efficient in Information Communication Technology (ICT) skills to adopt and use OER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I adopt OER for my teaching as they fulfill academic requirement of my students	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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My own competencies and knowledge towards OER help me to participate or adopt OER

4. Part-C: Motivation towards OER

This part of the questionnaire is intended to assess motivation towards use and adoption of OER. Please indicate your level of agreement or disagreement by putting a ✓ mark in the appropriate column. **SA = Strongly Agree, A = Agree, UD = Un-decided, D = Disagree and SD = Strongly Disagree.**

Statements	SA	A	UD	D	SD
I believe that OER are 'good' for people as it improves their learning.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I try to contribute to OER to give back to society	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I like to be involved in peer production of OER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Through OER, I can reach disadvantaged communities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OER will help developing countries increase access to education	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sharing knowledge is a basic academic value	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OER caters to innate desire to learn, improve and progress	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OER gives me opportunities to learn new things	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OER saves my time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OER is less expensive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OER provides access to best materials and teachers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OER increases my self-confidence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Involvement in OER will give me recognition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OER improves professional image	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Receiving appropriate credit (such as API scores) will help me uptake OER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I like receiving comments and feedbacks from experts and seniors on OER created	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OER provides us opportunities for establishing new partnerships	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Technology associated with OER is easy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know about my Intellectual Property Rights under Creative Commons licenses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. Part-D: Perception of Quality of OER

This part of the questionnaire is intended to assess perceptions of quality towards OER. Please indicate your level of agreement or disagreement by putting a ✓ mark in the appropriate column. **SA=Strongly Agree, A =Agree, UD =Un-decided, D =Disagree and SD =Strongly Disagree.**

Items	SA	A	UD	D	SD
OER saves time of the teachers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OERs brings down the cost of learning materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OERs are free resources available in open license	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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I do not need permission to re-use OER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I often use OER which fulfill the pedagogical need of teaching –learning process	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If OERs are appropriate in their content I prefer to use them	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I prefer to use OER from trustworthy sources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Open license of OER enables continuous quality improvement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I use trustworthy OER from reputed institutions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lack of peer review of OERs make them susceptible to poor quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OERs assist the developing countries to have quality materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality of OER is questionable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OER needs localization	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. Part-E: Barriers to use and adopt OER

Select (by putting a ✓mark) any 5 barriers that are most appropriate to you to use and contribute OER. Also rank these 5 identified barriers in order of importance, where 1 is the most important and 5 is the least important. In case you feel any other important barrier/s is/are not listed here you can add it in the space given below and rank it/them also.

I am hesitant/ unable to involve in OER because of the following reasons:			
Sr. No.	Barrier to use and adopt OER	Select	Rank
1.	Lack of understanding of Intellectual Property licenses, Copyrights and Creative Commons licenses.	<input type="checkbox"/>	
2.	Lack of knowledge for using OER in my teaching and learning process.	<input type="checkbox"/>	
3.	Lack of recognition and rewards system for developing OER.	<input type="checkbox"/>	
4.	Lack of financial resources by institution to invest in OER.	<input type="checkbox"/>	
5.	Lack of technological support to resolve my problems.	<input type="checkbox"/>	
6.	In-ability to find existing OER on topics of my interest.	<input type="checkbox"/>	
7.	Lack of confidence about the quality of my work.	<input type="checkbox"/>	
8.	Incompatibility of OER to my university Learning Management System (LMS).	<input type="checkbox"/>	
9.	Difficulty to remix OER for specific users.	<input type="checkbox"/>	
10.	Unavailability of OER in native language.	<input type="checkbox"/>	
11.	Lack of ICT skills required to create OER.	<input type="checkbox"/>	
12.	Lack of Institutional policy on OER.	<input type="checkbox"/>	
13.	Non-user friendly OER platforms.	<input type="checkbox"/>	
14.	Poor technical infrastructure.	<input type="checkbox"/>	
15.	Difficulty in collaboration.	<input type="checkbox"/>	
16.	Inadequate bandwidth.	<input type="checkbox"/>	
17.	Current workload.	<input type="checkbox"/>	

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18.	Lack of time.	<input type="checkbox"/>	
19.	Any other (please specify): _____		

7. Part-F: General Comments

Please provide any other information that you think useful for this study:

Thanks for participating in this survey!

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Codes (For Use by Researcher Team)	
Research Site:	