

OPEN EDUCATIONAL RESOURCES

Library Services during COVID-19 Pandemic Crisis

During this pandemic situation, college library provides here a list of some best ICT initiatives, open educational resources (India & abroad), department wise open educational resources with their access link to library users:

Sr.No.	Name of OER	Access Link	What you get here?
1.	National Digital Library	https://ndl.iitkgp.ac.in/	Educational Materials available for all subject areas like Technology, Social Science, Literature, Law, Medical etc., Educational Materials available from Primary to Postgraduate levels.
2.	SWAYAM Online Courses	https://storage.googleapis.com/uniquecourses/online.html	SWAYAM Online Courses, Certificate/Diploma Courses(IGNOU), e-books for classes I to XII (CBSE, NCERT & States/UT), Secondary & Sr.Secondary Courses (NIOS, NCERT)
3.	National Knowledge Network	https://nkn.gov.in/	The NKN is a platform for delivering effective distance education where teachers and students can interact in real time. The NKN enables collaboration among researchers from different educational networks like GLORIAD, TEIN3, GARUDA, CERN etc. NKN also enables sharing of scientific databases and remote access to advanced research facilities.
4.	NPTEL	https://nptel.ac.in/	NPTEL is an acronym for National Program on Technology Enhanced Learning which is an initiative by seven Indian Institutes of Technology

			(IIT Bombay, Delhi, Guwahati, Kanpur, Kharagpur, Madras and Roorkee) and Indian Institute of Science (IISc) for creating course contents in engineering and science. NPTEL as a project originated from many deliberations between IITs, Indian Institutes of Management (IIMs) and Carnegie Mellon University (CMU) during the years 1999-2003.
5.	InfoPort	https://infoport.inflibnet.ac.in/	The INFLIBNET Centre promotes open access to Indian scholarly content through the InfoPort: A Subject Gateway for Indian Electronic-Resources. The InfoPort selectively catalogues online resources of Indian origin on diversified subjects available in open access through an elaborate process of testing and evaluation.
6.	Talks to Teacher	https://www.ted.com/playlists/182/talks from inspiring teachers	TED is a nonprofit devoted to spreading ideas, usually in the form of short, powerful talks (18 minutes or less). TED began in 1984 as a conference where Technology, Entertainment and Design converged, and today covers almost all topics — from science to business to global issues — in more than 100 languages. Meanwhile, independently run TEDx events help share ideas in communities around the world.
7.	A-VIEW	http://aview.in/	A-VIEW (Amrita Virtual Interactive e-Learning World) is an award winning indigenously built multi-modal, multimedia e-learning

			<p>platform that provides an immersive e-learning experience that is almost as good as a real classroom experience developed by Amrita e-Learning Research Lab. We are a part of Amrita Vishwa Vidhyapeetham, one of the fastest growing institutions of higher learning in India and address the most pressing issue of higher education in India – the shortage of highly qualified teachers.</p> <p>A-VIEW is part of Talk to a Teacher program coordinated by IIT Bombay and we are funded by the Ministry of Human Resource Development (MHRD) under the Indian Government’s National Mission for Education using Information and Communication Technology (NME-ICT) along with various other projects in Virtual Labs, Haptics and Natural Language Processing. A-VIEW is now deployed at several IITs, NITs and other leading educational institutions across the nation.</p>
8.	Virtual Labs	https://www.vlab.co.in/	Remote-access to Labs in various disciplines of Science and Engineering. These Virtual Labs would cater to students at the undergraduate level, post graduate level as well as to research scholars.
9.	FOSSEE	https://fossee.in/	FOSSEE (Free/Libre and Open Source Software for Education) project promotes the use of FLOSS tools in academia and research. The FOSSEE project is part of the National Mission on

			Education through Information and Communication Technology (ICT), Ministry of Human Resource Development (MHRD), Government of India. Below is the list of projects which are promoted by FOSSEE.
10.	Spoken Tutorial	https://spoken-tutorial.org/	<p>Here one can learn various Free and Open Source Software all by oneself. Our self-paced, multi-lingual courses ensure that anybody with a computer and a desire for learning, can learn from any place, at any time and in a language of their choice.</p> <p>Spoken Tutorial Forums is a friendly online discussion forum. You can join existing discussions or start new topics, and get lots of replies from the Spoken Tutorial community. Registration to Forums is completely free and takes only one minute.</p> <p>Forums is very easy to use, even for computer newbies. It's very easy to format forum posts with fonts, colors, and many other options. You can attach files to your posts directly from your computer. You can give links to webpages or videos from other video websites.</p>
11.	e-Yantra	https://www.e-yantra.org/	<p>e-Yantra Robotics Competition (eYRC) is a unique annual competition launched in the month of August every year for undergraduate students in science and engineering colleges, polytechnic.</p> <p>e-Yantra Lab Setup Initiative: Enable colleges to set up robotics labs and provide training to teachers.</p> <p>e-Yantra Ideas Competition: Provides a platform for eLSI college students to implement and showcase their innovative ideas.</p> <p>e-Yantra Symposium: Brings together all eLSI colleges for</p>

			discussions and seminars on how to turn these labs into Innovation Hubs.
12.	Oscar++ https://www.it.iitb.ac.in/oscar/	www.it.iitb.ac.in/oscar/	Project OSCAR (Open Source Courseware Animations Repository) provides a repository of web-based interactive animations and simulations, that we refer to as learning objects (LOs). These learning objects span topics in science and engineering at the college level, and maths and science at the school level. Students and teachers can view, run and download these learning objects.
13.	E-Kalpa	https://icar.org.in/content/e-kalpa	The Indian Council of Agricultural Research (ICAR) is an autonomous organisation under the Department of Agricultural Research and Education (DARE), Ministry of Agriculture and Farmers Welfare, Government of India. Formerly known as Imperial Council of Agricultural Research. Knowledge Innovation Repository of Agriculture in the North East., ICAR Annual Reports
14.	NCERT Text Books	http://ncert.nic.in/textbook/textbook.htm	
15	Directory of Open Access Books	https://www.doabooks.org/	The primary aim of DOAB is to increase discoverability of Open Access books. Academic publishers are invited to provide metadata of their Open Access books to DOAB.
16	Directory of Open Access Journals	https://doaj.org/	DOAJ is a community-curated online directory that indexes and provides access to high quality, open access, peer-reviewed journals. DOAJ is independent. All funding is via donations, 18% of

			which comes from sponsors and 82% from members and publisher members . All DOAJ services are free of charge including being indexed in DOAJ. All data is freely available.
17	Open Knowledge Repository — World Bank	https://openknowledge.worldbank.org/	The World Bank is the largest single source of development knowledge. The World Bank Open Knowledge Repository (OKR) is The World Bank's official open access repository for its research outputs and knowledge products.
18	UG/PG MOOCs	http://ugcmoocs.inflibnet.ac.in/ugcmoocs/moocs_courses.php	SWAYAM is an instrument for self actualization providing opportunities for a life-long learning. Here learner can choose from hundreds of courses.
19	e-PG Pathshala	https://epgp.inflibnet.ac.in/	A Gateway to all Post Graduate Courses.
20	e-Content courseware in UG subjects	http://cec.nic.in/cec/	CEC is one of the Inter University Centres set up by the University Grants Commission of India. It has been established with the goal of addressing the needs of Higher Education through the powerful medium of Television along with appropriate use of emerging Information Communication Technology (ICT).
21	SWAYAMPARBHA	https://www.swayamprabha.gov.in	The SWAYAM PRABHA is a group of 34 DTH channels devoted to telecasting of high-quality educational programmes on 24X7 basis using the GSAT-15 satellite. Every day, there will be new content for at least (4) hours which would be repeated 5 more times in a day, allowing the students to choose the time of their convenience.
22	e-Shodh Sindhu	https://ess.inflibnet.ac.in/	The e-ShodhSindhu will continue

			to provide current as well as archival access to more than 10,000 core and peer-reviewed journals and a number of bibliographic, citation and factual databases in different disciplines from a large number of publishers and aggregators to its member institutions including centrally-funded technical institutions, universities and colleges that are covered under 12(B) and 2(f) Sections of the UGC Act.
23	Vidwan	https://vidwan.inflibnet.ac.in/	VIDWAN is the premier database of profiles of scientists / researchers and other faculty members working at leading academic institutions and other R & D organisation involved in teaching and research in India. It provides important information about expert's background, contact address, experience, scholarly publications, skills and accomplishments, researcher identity, etc.
24	SNLTR	https://www.nltr.org/	<p>To develop technology and standards to make computer usage Bengal enabled.</p> <p>» To spread out the benefits of language technology research to real life activities including official works, education, and literature through development of suitable applications.</p> <p>» To establish a collaborative environment of natural language processing related activities with educational and research organizations as well as with industries.</p>
25	Oxford Open	https://academic.oup.com/journals/pages/open_access	Oxford University Press (OUP) is mission-driven to facilitate the widest possible dissemination of high-quality research. We

			embrace both green and gold open access (OA) publishing to support this mission.
26	Cambridge University Press	https://www.cambridge.org/core/what-we-publish/open-access	At Cambridge University Press, Open Access submissions are accepted in more than 350 of our journals.
27	Science Direct Open Access Content	https://www.sciencedirect.com/book/9781843342038/open-access	Browse 4,291 journals and 30,598 books
28	ILOSTAT	https://ilostat.ilo.org/	The leading source of labour statistics
29	Project Euclid	https://projecteuclid.org/librarians/lib_oa	Mathematics & Statistics Online
30	AidData	https://www.aiddata.org/	A Research Lab at William & Mary. Here we search all datasets.
31	Springer Open Journals	https://www.springeropen.com/journals	Here we search journals A-Z
32	Taylor & Francis Open Access	https://www.tandfonline.com/openaccess	Open access makes published academic research freely and permanently available so anyone, anywhere can read and build upon this research. At Taylor & Francis we champion researcher choice with a variety of open access publishing options to meet the unique needs of each author.
33	Open Access Thesis & Dissertations	https://oatd.org/	Advanced research and scholarship. Theses and dissertations, free to find, free to use.
34	Legal Information-commonlii	http://www.commonlii.org/in/	We search here Indian legal materials, Databases.
35	The OAPEN Foundation	http://www.oapen.org/home	Online Library & Publication Platform. OAPEN promotes and

			supports the transition to open access for academic books by providing open infrastructure services to stakeholders in scholarly communication. We work with publishers to build a quality-controlled collection of open access books and provide services for publishers, libraries, and research funders in the areas of hosting, deposit, quality assurance, dissemination, and digital preservation.
36	PubMed Central PMC	https://www.ncbi.nlm.nih.gov/pmc/	PubMed Central® (PMC) is a free full-text archive of biomedical and life sciences journal literature at the U.S. National Institutes of Health's National Library of Medicine (NIH/NLM).
37	Project Gutenberg	https://dev.gutenberg.org/	Project Gutenberg is a library of over 60,000 free eBooks. Choose among free epub and Kindle eBooks, download them or read them online. You will find the world's great literature here, with focus on older works for which U.S. copyright has expired. Thousands of volunteers digitized and diligently proofread the eBooks, for you to enjoy.
38	High Wire	https://www.highwirepress.com/	The largest independent scholarly publishing platform
39	AGRIS	http://agris.fao.org/agris-search/index.do	AGRICULTURAL SCIENCE AND TECHNOLOGY INFORMATION, The AGRIS database contains 11,934,257 records (including 1,528 datasets) from 434 data providers

40	Southern Connecticut State University	https://libguides.southernct.edu/openaccess	Free web collections, books, journals, teaching materials, and other resources. This guide concentrates on English language collections, though some collections mentioned do have resources in several languages.
41	LibriVox Audio Books	https://librivox.org/	Free public domain audiobooks.
42	Wiley Open Access	https://authorservices.wiley.com/open-research/open-access/browse-journals.html	Wiley Open Access publishes authoritative peer reviewed open access journals across many research disciplines. Wiley Open Access journals are supported by a network of authoritative journals and societies as well as internationally renowned editorial board members. All research articles published in Wiley Open Access journals are immediately freely available to read, download and share. Wiley Open Access publishes a number of online journals across biological, chemical and health sciences.
43	Training and Courses by Tata Steel	http://www.capabilitydevelopment.org	Tata Steel Digie Shala- Partners with many colleges & universities for MOU with up skilling offerings
44	Shodhganga-a reservoir of Indian theses	https://shodhganga.inflibnet.ac.in/	The Shodhganga@INFLIBNET Centre provides a platform for research students to deposit their Ph.D. theses and make it available to the entire scholarly community in open access. The repository has the ability to capture, index, store, disseminate and preserve ETDs submitted by the researchers.
45	Legal Information Institute of India	http://liiofindia.org/	Free, independent and non-profit access to 159 databases of Indian law
46	Physics	https://libguides.humboldt.edu/openedu/phyx	Resources for finding open and sustainable teaching and learning materials.

47	Chemistry	https://libguides.humboldt.edu/openedu/chem	Resources for finding open and sustainable teaching and learning materials.
48	Microbiology	https://libguides.wccnet.edu/oer-subjects/microbiology	Use this guide to help you select open educational textbooks and other education material related to many subject areas.
49	Mathematics	https://libguides.humboldt.edu/openedu/math	Resources for finding open and sustainable teaching and learning materials.
50	Biotechnology	https://researchguides.austincc.edu/c.php?g=968847&p=7323800	Web sites and library resources to support the various Biotechnology courses at Austin Community College.
51	Computer Science	https://researchguides.austincc.edu/CompSci/OER	A guide to resources, online and in print, related to computers, programming, and computer information technology.
52	Information Technology	https://instr.iastate.libguides.com/oer/computerscience	This guide provides information about Open Educational Resources, or OER.
53	Commerce	https://ecampusontario.pressbooks.pub/mcmasteroerdiscipline/chapter/commerce/	OER BY DISCIPLINE GUIDE: MCMASTER UNIVERSITY
54	Psychology	https://libguides.humboldt.edu/openedu/psyc	Resources for finding open and sustainable teaching and learning materials.
55	Economics	https://instr.iastate.libguides.com/oer/economics	This guide provides information about Open Educational Resources, or OER.
56	English	https://libguides.humboldt.edu/openedu/engl	Resources for finding open and sustainable teaching and learning materials.
57	Geography	https://www.oercommons.org/browse?f.keyword=geography	Open Educational Resources (OER) offer opportunities for systemic change in teaching and learning content through engaging educators in new participatory processes and effective technologies for engaging with learning.
58	Bioanalytical Science	https://libguides.humboldt.edu/openedu/biol	Resources for finding open and sustainable teaching and learning materials.

59	BMS	https://libguides.humboldt.edu/openedu/ba	Resources for finding open and sustainable teaching and learning materials.
60	BAF	https://libraryguides.oswego.edu/oer/accounting-finance	
61	Physical Education	https://tacomacc.libguides.com/oer_physicseducation/starting_points	This OER subject guide for TCC faculty serves as a starting point for potential OER and freely available resources for physical education courses and topics
62	PGDMLT	https://researchguides.austincc.edu/c.php?g=434667&p=5835075	Resources for medical laboratory technicians and phlebotomists
63	Philosophy	https://libguides.humboldt.edu/openedu/phil	Resources for finding open and sustainable teaching and learning materials.