








Netaji Subhas Open University-Open Educational Resource Repository

User Manual

The screenshot displays the NSOU OER Repository website. At the top, there is a blue header with the NSOU logo on the left, the text "NSOU OER Repository" and "নেতাজি সুভাষ মুক্ত বিশ্ববিদ্যালয়" in the center, and the "C.O.L. GEMCA" logo on the right. Below the header is a search bar labeled "Search NSOU OER Repository". The main content area is divided into three columns. The left column contains an "About NSOU" section with a "Show more" button. The center column features a large group photograph of people seated at a long table in a meeting room. Below the photo is a "Search Other OER Repository" bar with a "Google Custom Search" input field and a search button. The right column contains an "About CEMCA" section with a "Show more" button. At the bottom of the main content area, there are three expandable menu items: "About NSOU-OER", "Mission And Vision Of NSOU-OER", and "Our Team". On the far right, there are social media sharing icons for Facebook, Twitter, Google+, and LinkedIn, along with an "Open Educational Resources" logo.

Prepared by
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FOREWORD

Netaji Subhas Open University was established by an Act of West Bengal State Legislative Assembly in 1997 to provide quality education in a flexible mode to serve the aim of establishing an equitable knowledge society and to make higher education affordable to the disadvantaged. At present, 4.50lakh of learners are enrolled in Under Graduate, Post Graduate Degree Programme and Vocational programmes at 149 study centres spread all over the State.

The objective of the open and distance learning institutions (ODLIs) is to provide the opportunities to learn to larger section of the people. The success of the ODLI is directly linked to high quality academic programs and more importantly how the programme is delivered and support services offered to the students. Technology enables the teachers to transmit more information to a larger number of students facilitating personalized learning. The major challenge of ODL system is to reach the mass. The educational contents i.e. the academic resources which are developed are mostly in print-form which involves huge cost as well as huge consumption of paper. Now, it may be appropriate to say the ODL as Open and Digital Learning instead of open and distance learning. Distance is no more there between the teachers and students or between university and students. The advancement of Information and Communication Technology (ICT) has brought new opportunities to restructure the teaching-learning process. The e-content may be solution for many challenges.

E-content is nothing but the non-print version of the course materials. It avoids duplication of work, minimizes cost and also protects the environment which in turn promotes the green practices. Now the question is how the e-contents would be made available to the public. Open Educational Resources (OER) would be the best option to reach the mass. OER is the e-content which is released under an appropriate CC license and is made available on the public domain free of cost.

Netaji Subhas Open University (NSOU) with support of Commonwealth Educational Media Centre for Asia (CEMCA) has developed the NSOU-OER Repository with CC BY NC SA license on DSpace platform for its academic resources. Prior to this, the University conducted a series of seminars and workshops for awareness on OER/ E-content, hand-on training for development of E-content etc. All these initiatives have been taken in line with the COL's agenda of reaching the mass with quality academic resources for lifelong learning. The REPOSITORY was formally launched on 12 May 2017 by Professor Subha Sankar Sarkar, Vice-Chancellor, NSOU and Dr. Shahid Rasool, Director, CEMCA in presence of Professor Nageshwar Rao, Vice-Chancellor, Uttarakhand Open University & Professor Srikant Mohapatra, Vice-Chancellor, Odisha State Open University.

The present manual has been prepared by Dr. Barnali Roy Choudhury, Asst. Professor of Library and Information Science, NSOU which may be helpful to search the academic resources on the NSOU OER Repository (<http://nsouoer.krc.net.in>).

We wish to place on record our appreciation for Dr. Roy Choudhury for developing such user friendly manual for the new users of NSOU-OER Repository.

(Anirban Ghosh)



*Do you know about **Open Educational Resources?***

“Open Educational Resources (OER) are teaching, learning or research materials that are in the public domain or released with intellectual property licenses that facilitate the free use, adaptation and distribution of resources.”

.....UNESCO



Welcome learners to [NSOU-OER Repository](#)!

The screenshot displays the NSOU-OER Repository website. At the top, there is a blue header with the NSOU logo on the left, the text "NSOU OER Repository" and "নেতাজি সুভাষ মুক্ত বিশ্ববিদ্যালয়" in the center, and the NSOU crest on the right. Below the header is a green search bar labeled "Search NSOU OER Repository".

The main content area features a central image of a blue building. To the left of the image is a box titled "About NSOU" with text describing the university's history and a "Show more" button. To the right is a box titled "About CEMCA" with text about the Commonwealth Educational Media Centre for Asia and a "Show more" button.

Below the image is a purple search bar labeled "Search Other OER Repository" with a "Google Custom Search" input field and a search button. Below this are three horizontal navigation bars: "About NSOU-OER", "Mission And Vision Of NSOU-OER", and "Our Team".

At the bottom, there is a blue footer containing a Creative Commons license declaration, the text "Educational materials available in NSOU-OER Repository distributed under Creative Commons- Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License.", and "Designed by Avior Technologies Pvt. Ltd.". On the right side of the footer, there is a logo for "Open Educational Research" and social media icons for Facebook, Twitter, Google+, and LinkedIn.

*This repository is a **single point to search OER materials** to access sustainable and qualitative educational open access materials in **free of cost** to meet Learner-community's needs. So that university might be able to step forward to reach its motto "meeting the unmet".*



You can Access from NSOU-OER Repository

Syllabi of a full course, **lab notes**,
study materials, **images**,
illustrations, **maps**, **charts**, **case**
studies, **lessons** formatted for a
learning management system,
interactive exercises, **practice**
problem sets, **recorded**
lectures/events, **assessment tools**,
multimedia/interactive tutorials,
software to support Education for all

Access NSOU-OER Repository

1. OER Repository button of NSOU's home page

< <http://www.wbnsou.ac.in/index.shtml> >



2. Direct URL <nsouoer.krc.net.in>.



Let's access



NSOU-OER home page consists two search options.

 **Search NSOU OER Repository**

 **Search other OER repository**

To search educational materials of NSOU click on Search

NSOU OER Repository

button.



Here you can **search/browse** educational materials categorically as follows:

Browse NSOU-OER

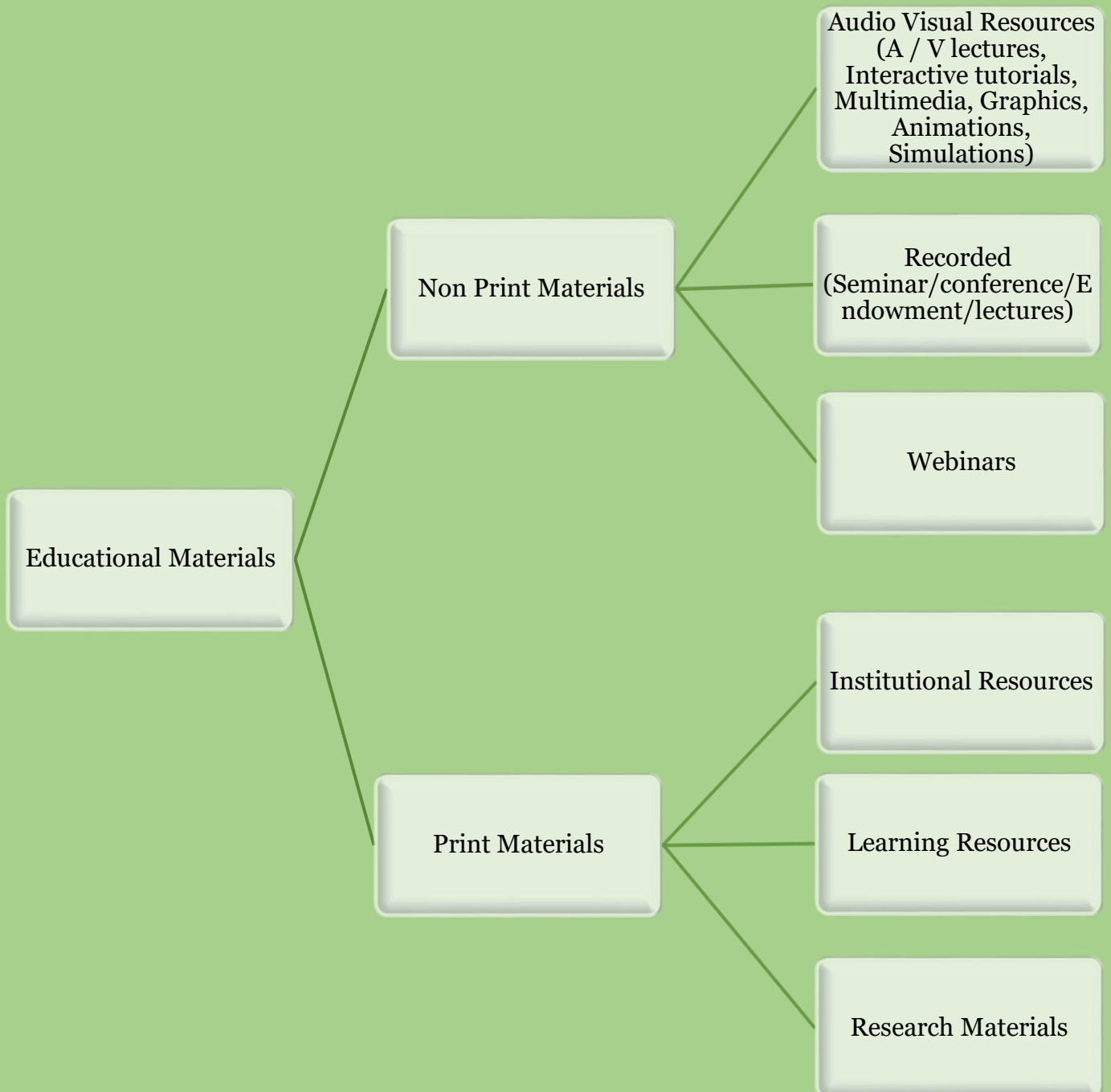


👉 Browsing by **Communities and Collections** of NSOU-OER

Click on **“Browse”** button on the second top most option of the repository home page, it will be opening up a drop-down list to explore all sub-communities of **Educational materials**.

The screenshot shows the NSOU-OER repository home page. The navigation bar includes 'Home', 'Browse', and 'Help'. A search bar is labeled 'Search DSpace'. A 'Sign on to:' dropdown menu is visible. The main content area features a blue banner with the text 'Welcome to Open Repository at Netaji Subhas Open University'. Below the banner are several buttons: 'Open Materials', 'Open Courses', 'Open Textbook', 'Open Images', and 'Open Videos'. The 'Browse' menu is open, displaying a list of options: 'Communities & Collections', 'Issue Date', 'Author', 'Title', and 'Subject'. The main content area is titled 'Communities in DSpace' and includes the instruction 'Choose a community to browse its collections.'

Let's have a look on **sub-communities** of the OER repository from following screen as follows:



Non-Print materials are resources available in **audio/video form** whereas **Print materials** are segregated in three forms viz., **Institutional Resources, Learning Resources, Research Materials.**

Section “Institutional Resources” is further grouped into **Journal / Newsletters, Endowment lecture and Proceedings of Conferences / seminars.**

Section “Learning Resources” is further grouped into **1. Assessment 2. Lab-based Practices, 3. Self-Directed Study Materials and 4. Syllabus**

Research Materials are of ‘**Edited Research Volume**’; **ETDs and Faculty research papers / articles**

If you want to have a look on **NSOU-OER Repository** vividly then you may choose this path of learning.



This structure is same for School of Education, School of Professional Studies, School of Vocational Studies.





Narrow down your search by using specific search viz., by **Author**,

Subject(s) and **date of Issue**.

The screenshot shows the NSOU OER Repository interface. At the top, there is a navigation bar with 'Home', 'Browse', and 'Help' links, a search bar labeled 'Search DSpace', and a 'Sign on to:' button. Below the navigation bar, the page is divided into two main sections: 'Communities in DSpace' and 'Discover'.

In the 'Communities in DSpace' section, there is a prompt 'Choose a community to browse its collections.' and a button labeled 'Educational Materials'.


The 'Discover' section features three filter columns, each with a red underline: 'Author', 'Subject', and 'Date issued'. Each column contains a list of items with a circular icon indicating the number of items.

Author	Subject	Date issued
Banerjee, Swapna (4)	Syllabus-BLIS (2)	2010 - 2017 (27)
Tripathi, Tridib (4)	Accounting Environment (1)	2006 - 2009 (18)
Chakraborty, Bhubaneswar (3)	All about Language and Hearing Im... (1)	
Dutta, Chaitali (2)	Audiology (1)	
দাস, বাদল চন্দ্র (2)	B.ED (Special Education) (1)	
Agarwal, H. P. (1)	B.ED (Special Education) Syllabus (1)	
Bhattacharya, Bijoy (1)	Balance Sheet (1)	
Bhattacharya, Nishikanta Kumar (1)		

 Browse by **sub-Communities** also.


Sub-communities within this community

B.COM
B.LIS
M.COM
M.LIS
MSW

 Browse by **item type** is another relative option in browsing option.




Welcome to Open Educational Resource Repository at Netaji Subhas Open University / Educational Materials / Print Materials / School of Professional Studies / M.LIS / Learning Resources

Self-Directed Study Materials Collection home

page 

Browse

Issue Date Author Title Subject

Subscribe to this collection to receive daily e-mail notification of new additions [Subscribe](#)   

Collection's Items (Sorted by Submit Date in Descending order): 1 to 3 of 3

Issue Date	Title	Author(s)
2007	Information, Communication and Society	Banerjee, Swapna
2007	Information Institutions, Products and Services	Chakraborty, Bhubaneswar, Banerjee, Swapna
2007	INFORMATION INSTITUTIONS : GROWTH AND DEVELOPMENT	Chakraborty, Bhubaneswar, Banerjee, Swapna

Collection's Items (Sorted by Submit Date in Descending order): 1 to 3 of 3.

Discover

Author

- Banerjee, Swapna 1
- Chakraborty, Bhubaneswar 2

Subject

- Communication Process 1
- Data Centres and Data Ranks 1
- Database Support Services 1
- Document Delivery Service 1
- Generation and Dissemination of L... 1
- Information | Economic Aspects 1
- Information Analysis and Consolid... 1
- Information and Society 1
- Information Centres 1

Click on any required document/collection of the repository it will automatically retrieve

related **metadata and fulltext** as shown



Home Browse Help Search DSpace Sign on to:

/ MLIS / Learning Resources / Self-Directed Study Materials

Please use this identifier to cite or link to this item: <http://hdl.handle.net/123456789/287>

Title:	Information Institutions, Products and Services
Other Titles:	Paper:4
Authors:	Chakraborty, Bhubaneswar Banerjee, Swapna
Keywords:	Information Centres Information Institutions : Growth and Development Data Centres and Data Banks Referral Centres and Clearing Houses Information Analysis and Consolidation Centres Information Services Literature Searches Document Delivery Service Translation Services Information Products Trade Literature State of the-art-Report Technical Reports Trade Catalogues Database Support Services Online Information Systems and Information Networks
Issue Date:	2007
Publisher:	Netaji Subhas Open University
URI:	http://hdl.handle.net/123456789/207
Appears in Collections:	Self-Directed Study Materials

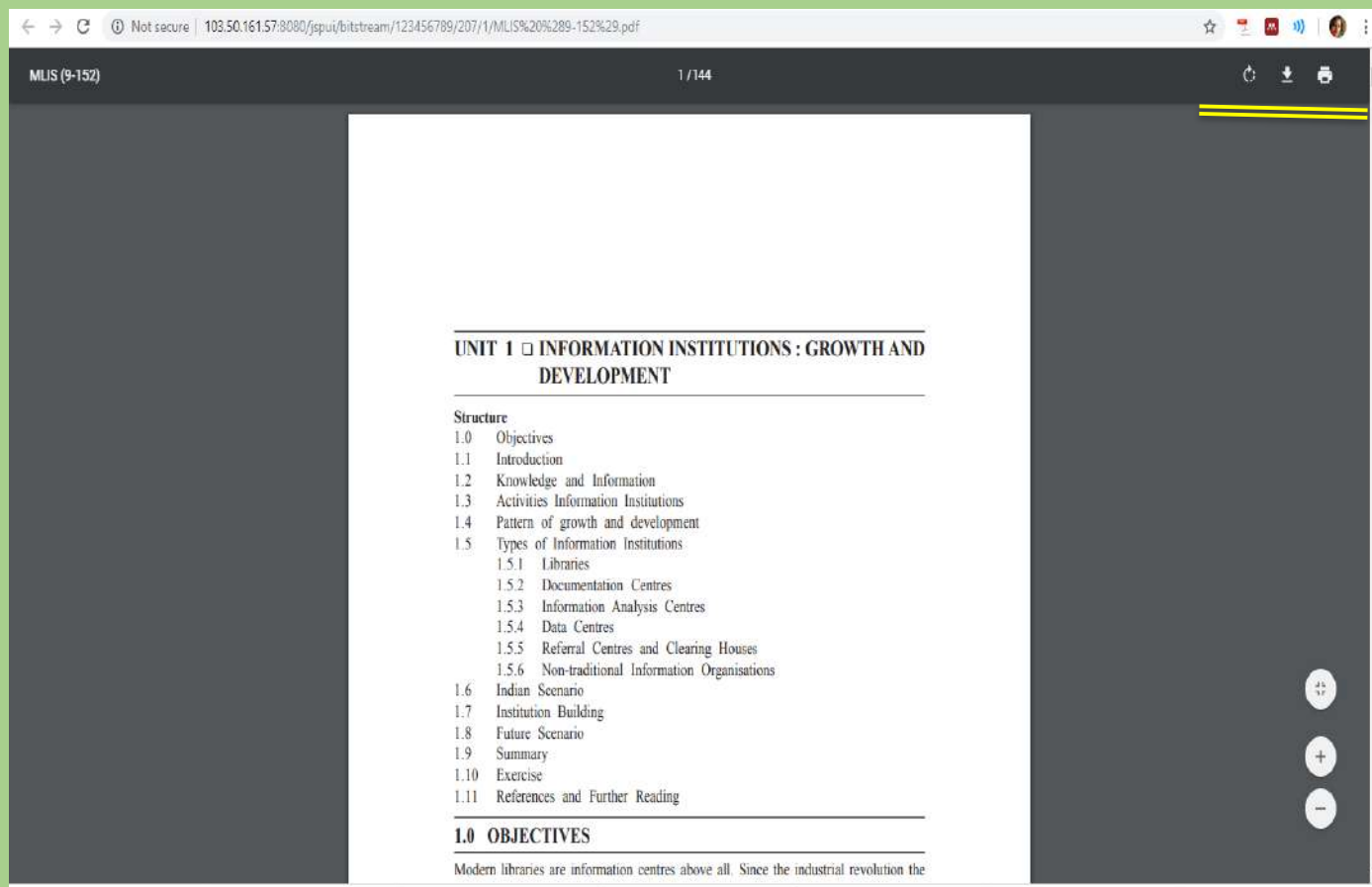
Files in This Item:

File	Description	Size	Format	
MLIS (9-152).pdf		387 kB	Adobe PDF	View/Open

Show full item record

Items in DSpace are protected by copyright, with all rights reserved, unless otherwise indicated.

To access fulltext click on  button. Then result will come as follows



MLIS (9-152) 1 / 144

UNIT 1 □ INFORMATION INSTITUTIONS : GROWTH AND DEVELOPMENT

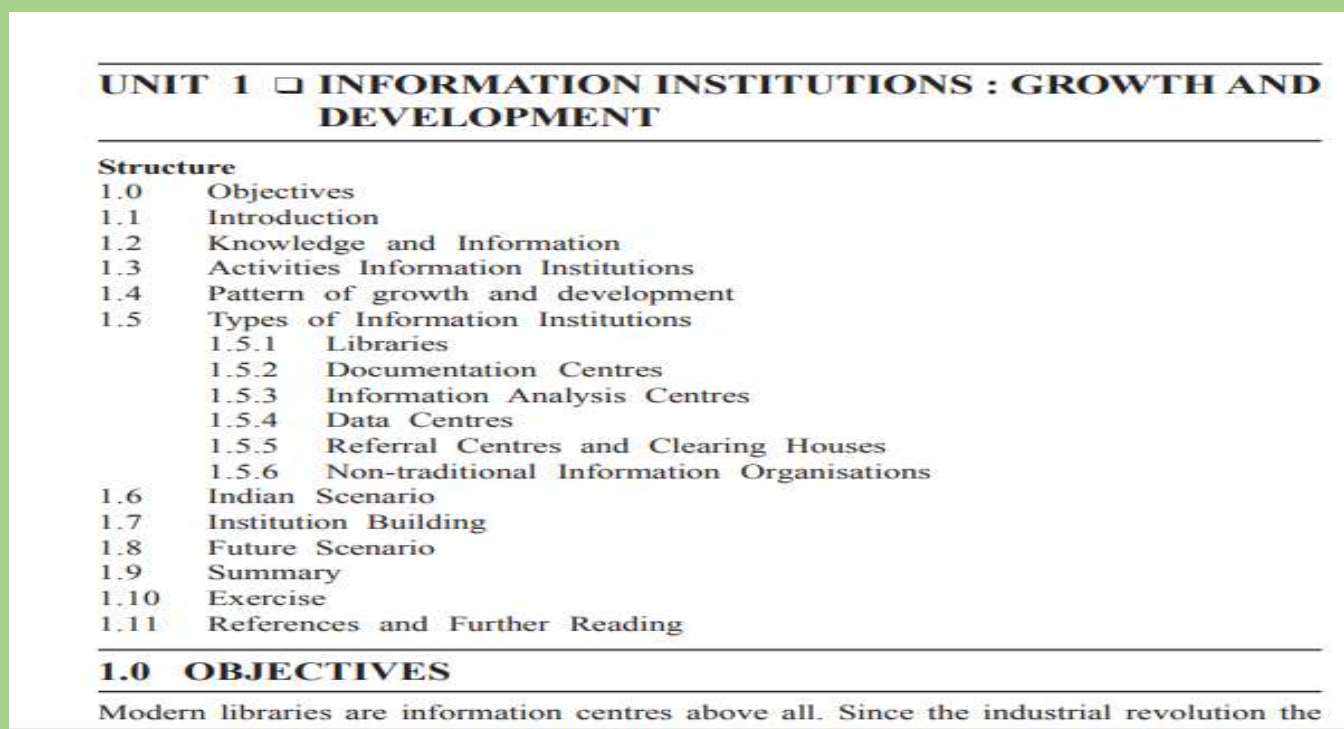
Structure

- 1.0 Objectives
- 1.1 Introduction
- 1.2 Knowledge and Information
- 1.3 Activities Information Institutions
- 1.4 Pattern of growth and development
- 1.5 Types of Information Institutions
 - 1.5.1 Libraries
 - 1.5.2 Documentation Centres
 - 1.5.3 Information Analysis Centres
 - 1.5.4 Data Centres
 - 1.5.5 Referral Centres and Clearing Houses
 - 1.5.6 Non-traditional Information Organisations
- 1.6 Indian Scenario
- 1.7 Institution Building
- 1.8 Future Scenario
- 1.9 Summary
- 1.10 Exercise
- 1.11 References and Further Reading

1.0 OBJECTIVES

Modern libraries are information centres above all. Since the industrial revolution the

Which gives you access to **download, save and print** option.



UNIT 1 □ INFORMATION INSTITUTIONS : GROWTH AND DEVELOPMENT





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1.0 OBJECTIVES

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So you can browse NSOU-OER repository by:

-  *By Communities and Sub-communities;*
-  *By item type like print and non-print materials*
-  *By choosing different Subjects*
-  *By individual collection of NSOU-OER*

Search facility

Search facility of this dedicated system retrieves specific piece of data to satisfy users' query.

Search of this system includes key words/ search terms/ search criteria.

You may filter your search query by using **Advance Search** option. Type your search term. Select option as per your preference and press Enter button.



Issue Date	Title	Author(s)
May-2014	समाजविद्यार शिक्षन, TEACHING OF SOCIAL STUDIES	Chandra, Santanu; Bhunia, Aditi

Search Result

➞ Now click on retrieved resource.

➞ You can **access metadata and download** respective document.

The screenshot shows the search result page for the document 'Teaching of Social Studies'. The page is titled 'Metadata' and displays the following information:

Title	সমাজবিদ্যার শিক্ষা, TEACHING OF SOCIAL STUDIES
Authors	Charita, Saranya Bhara, Anu
Keywords	সমাজবিদ্যার শিক্ষা জাতীয় মানদণ্ডের অনুযায়ী সমাজবিদ্যার শিক্ষণ সমাজবিদ্যার কৌশল সমাজ বিজ্ঞানের শিক্ষণ সমাজের পরিবেশ জাতীয় মানদণ্ড সমাজের পরিবেশ জাতীয় মানদণ্ড জাতীয় মানদণ্ড জাতীয় মানদণ্ড জাতীয় মানদণ্ড জাতীয় মানদণ্ড জাতীয় মানদণ্ড
Date	Nov-2014
	NSOU Bhubair Open University
	NSOU Bhubair Open University
	NSOU Bhubair Open University

The document preview on the right shows the title page of the book, which reads:

পর্ব - 1
সমাজবিদ্যার শিক্ষণ
(TEACHING OF SOCIAL STUDIES)

Study Material

The most comprehensive feature of **NSOU-OER repository** is its **multilingual** and **multi-format retrieval**. Search result of this repository includes **text based materials**, **audio/video lectures** in English and Bengali language. Even it has potentials to supports different regional languages.

The screenshot shows the NSOU OER Repository interface. At the top, there is a navigation bar with 'Home', 'Browse', and 'Help' links. Below this is the university logo and a green banner with the text: 'Welcome to Open Educational Resource Repository at Netaji Subhas Open University / Educational Materials / Non Print Materials / School of Education / B.Ed (Special Education) / Audio Visual Resources'. The main content area features a search bar with the text 'A / V lectures, Interactive tutorials, Multimedia, Graphics, Animations, Simulations' and a 'Collection home page' link. Below the search bar is a 'Browse' section with filters for 'Issue Date', 'Author', 'Title', and 'Subject'. A 'Subscribe' button is also present. On the right side, there is a 'Discover' section with a list of subjects: Audiology, Barrier free environment, Diversity in Classroom, High risk registers, Inclusion and accessibility, Prevention, Principles of inclusive education, and Speech Pathology. At the bottom, there is a table of 'Collection's Items' with columns for 'Issue Date', 'Title', and 'Author(s)'. The table shows two items: 'Disability Specialisation _ Hearing Impaired' and 'Inclusive education', both dated 2016.

Retrieved document(s) is/are a result of specific approaches of users' query.



Social Network Tagging

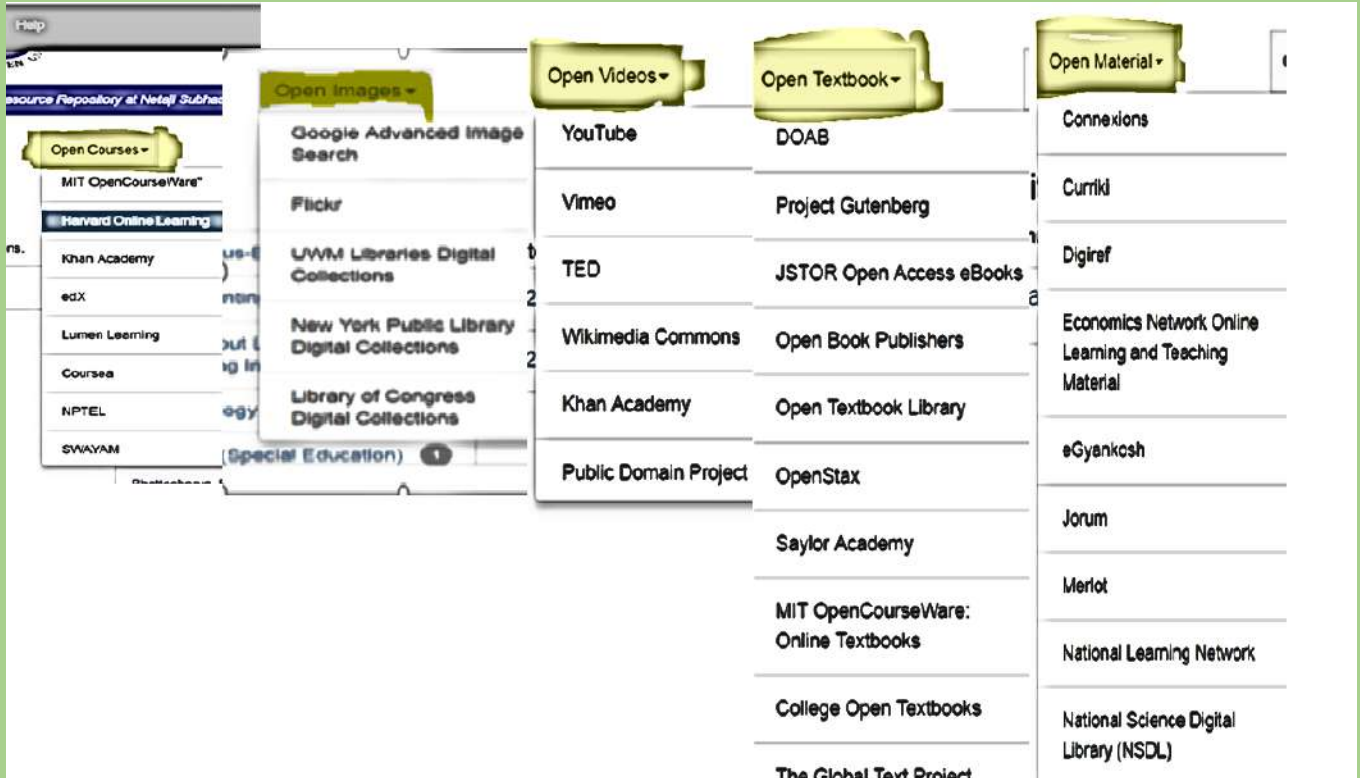
User can share retrieved resources through available social network sites like **Facebook**, **Twitter**, **LinkedIn**, **Gmail** etc.

The screenshot shows the NSOU OER Repository website. The header features the university logo on the left, the text 'NSOU OER Repository' and 'নেতাজি সুভাষ মুক্ত বিশ্ববিদ্যালয়' in the center, and the 'C.O.L' logo on the right. Below the header is a search bar with the text 'Search NSOU OER Repository'. The main content area is titled 'About NSOU' and contains the text: 'Netaji Subhas Open University is the premier State Open University in India. The year 1997 was the birth centenary year of Netaji Subhas Chandra Bose. The Chief Minister of West Bengal made an announcement at a State function that an Open University would be set up soon and dedicated to Netaji's hallowed memory.' Below this text is a 'Show more' button. On the right side, there is a 'Share' section with social media icons for Facebook, Twitter, G+, and LinkedIn.

What else?

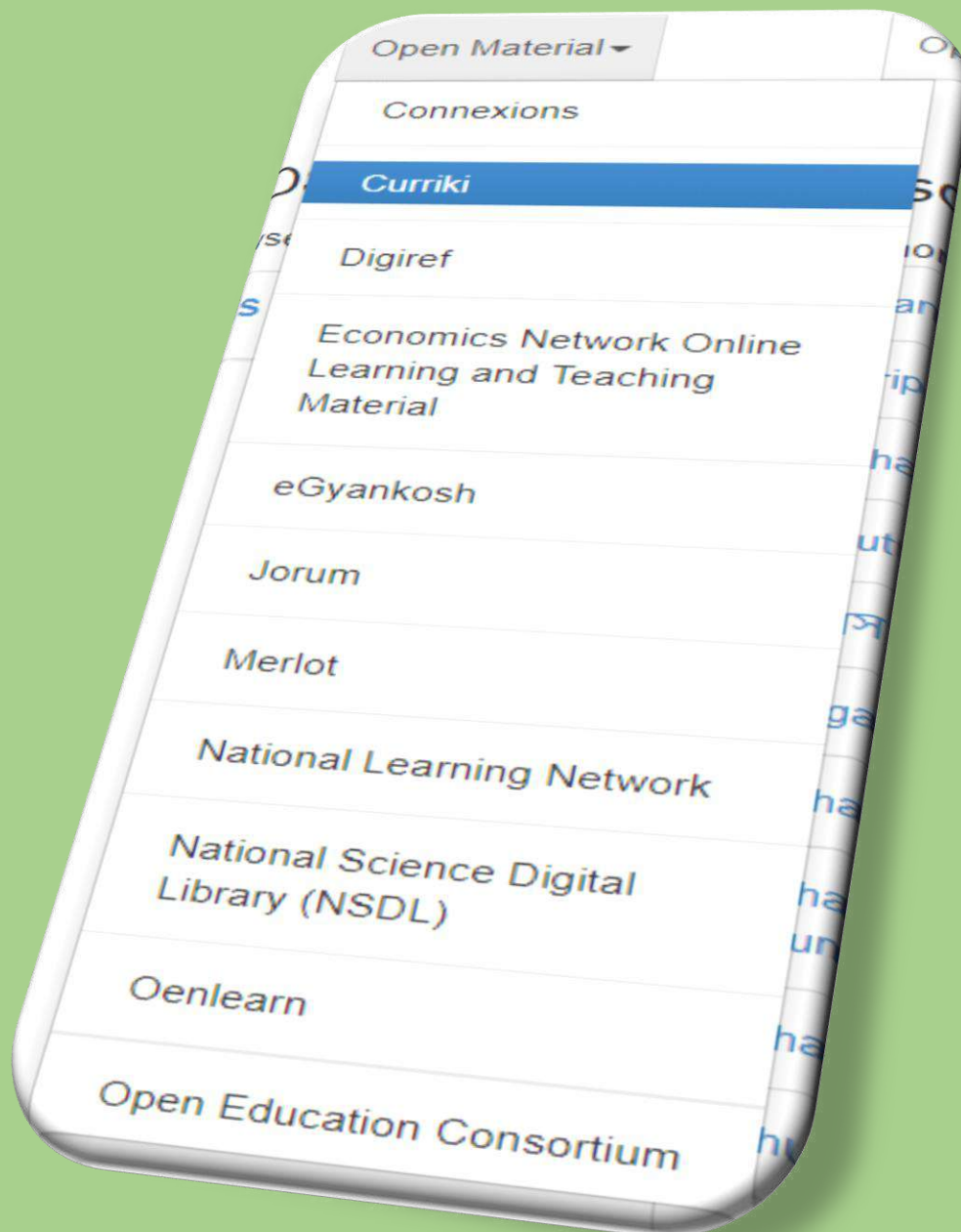


You can find your educational resources from different sources by clicking on dedicated buttons.

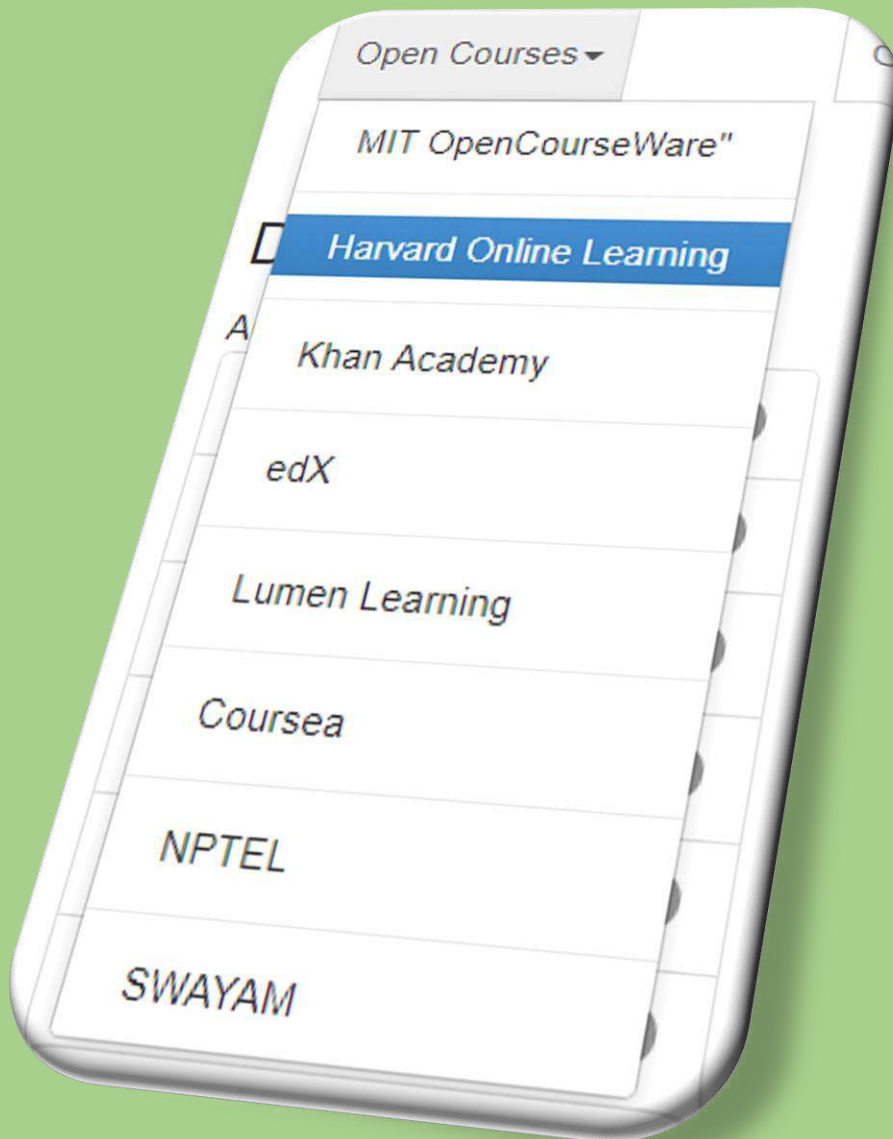


Open Materials

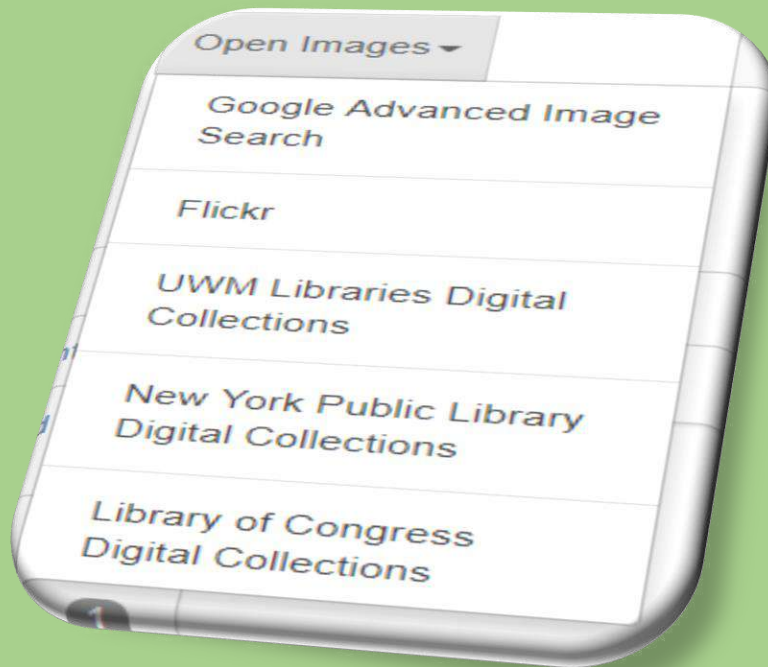
Access a good chunk of materials in fulltext by clicking on **Open Materials** button as follows



You can have entire courses catered by various institutions like MIT Open Courseware, Harvard Online Learning etc. after clicking on **Open Courses** button.

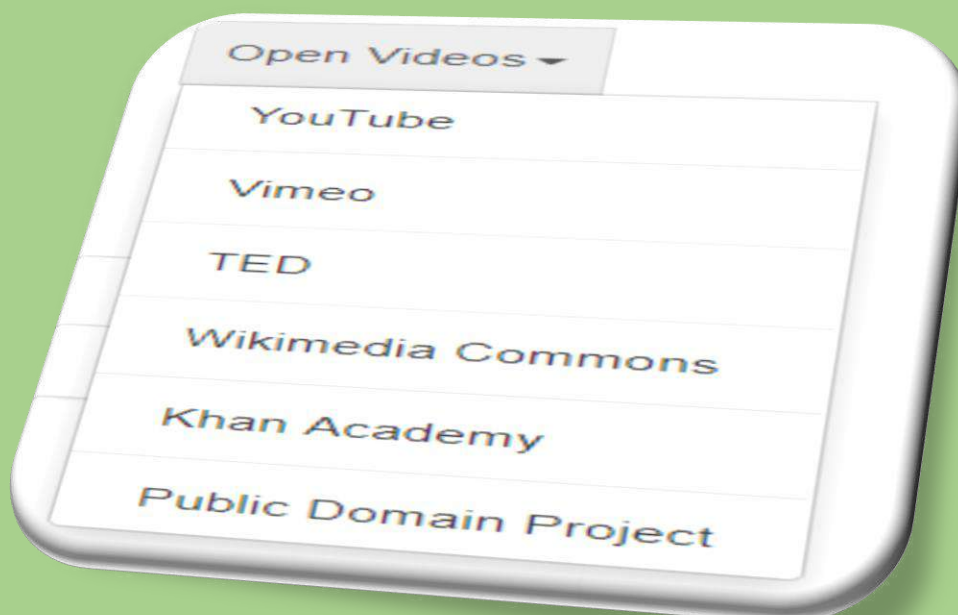


To access images without barrier just click on **Open images**

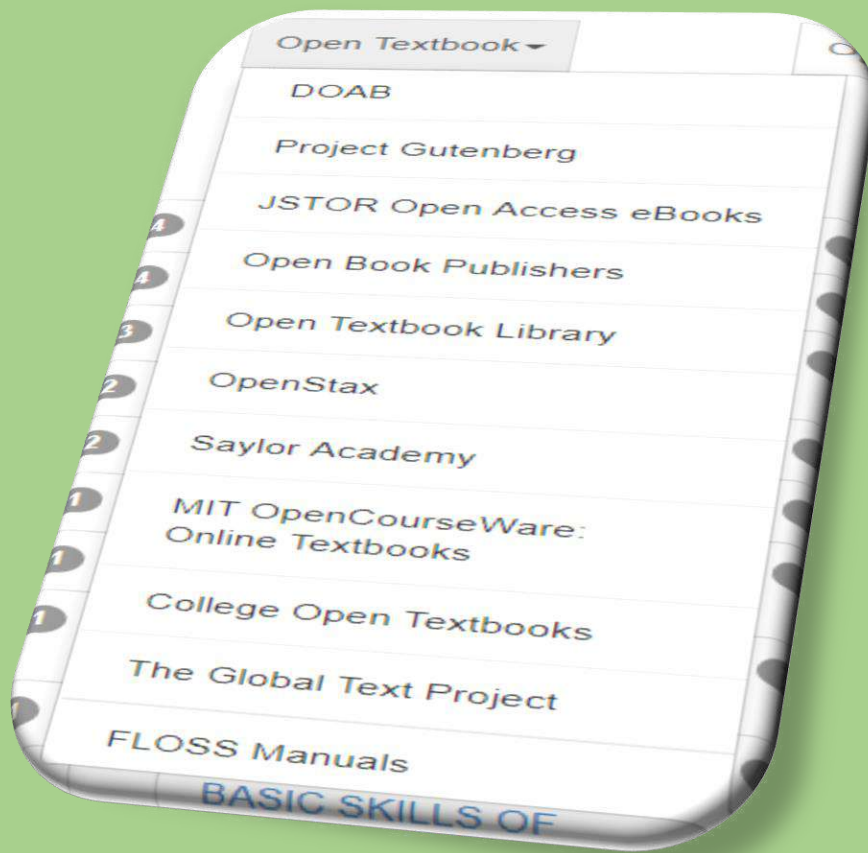


You may access videos from enlisted open platform by clicking on highlighted link viz.,

Open Videos



Access textbooks from link **Open Textbook**

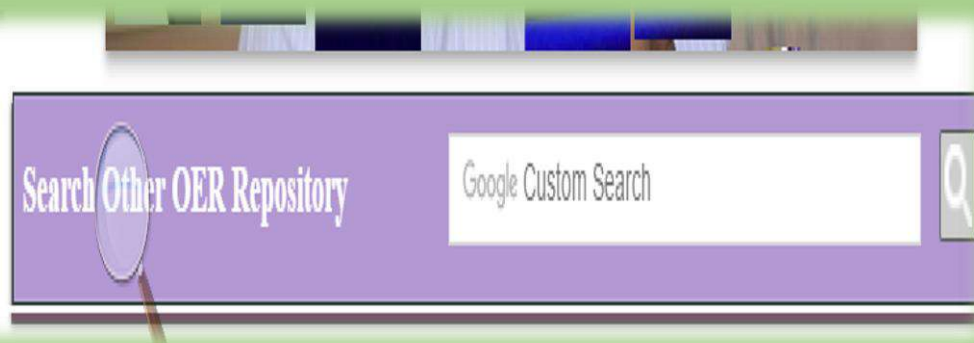


Search Other OER Repositories

Searching OER materials from the **most popular and useful OER repositories** of the World is possible through using **“Search Other OER Repositories”** which is a **single search interface** to search **OER materials** across the globe excluding NSOU-OER Repository.

This search box is a customised interface to search Open Educational materials from more than ten most reputed and well established OER repositories. Type required search query here and

press enter to search.



It will **forward your query** and you can see a list of available documents from **different sources which are actually an OER Repository** itself. This Search result will forward you to the source repository where you may have fulltext documents access.

The screenshot shows a search result on the Creative Commons website. A large, dark, downward-pointing arrow is superimposed over the page, with a white callout box containing the text "Query forwarded to the source repository". The search result includes the following elements:

- Title:** Nature Publishing Group Announces New Open Access Journal and Support for CC!
- Author:** Lisagreen, January 6, 2011
- Text:** Nature Publishing Group has long been a leader in scientific and medical publishing. The company's flagship publication, Nature, has been publishing across a broad range of scientific disciplines since 1869 and is the world's most cited interdisciplinary journal. In the past several years, Timo Hannay as head of web publishing and Annette Thomas as CEO of MacMillan (NPG's parent company) successfully brought NPG into the digital age with a wide variety of new scientific journals and projects that leverage the power of the Internet.
- Navigation:** Includes links for "Global Affiliate Network", "Search the Commons", "CC Store", "Contact", "remix", "What we do", and "Blog".
- Call to Action:** A green "Donate Now" button.
- Find news by topic:** A sidebar with categories such as "About CC", "Arts / culture", "Education / OER", "Events", "Global affiliates", "Legal tools / licenses", "Open access", "Open data", "Open science", "Policy / advocacy / copyright reform", "Press", "Share your work", "Technology", "Uncategorized", and "Weblog".

Know your Rights!



Each and every material available in NSOU-OER repository consists CC-BY-NC-SA license. It only permits you to

Under the following terms:



Attribution — You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.



NonCommercial — You may not use the material for commercial purposes.



ShareAlike — If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original.

No additional restrictions — You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits.

*Use **NSOU-OER** Repository
to access Multi-Lingual,
Multi-format, Open
Educational Resources.*

