Netaji Subhas Open University-Open Educational Resource Repository
User Manual

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Content

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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)

Weblink: www.wikieducator.org/User:Anirban

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](#)!

*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** <mark>Communities and Collections</mark> **of NSOU-OER**

Click on <mark>"Browse"</mark> 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**.

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

```
                                              ┌─────────────────────────┐
                                              │  Audio Visual Resources  │
                                              │     (A / V lectures,     │
                                              │  Interactive tutorials,  │
                                              │  Multimedia, Graphics,   │
                                              │       Animations,        │
                                              │       Simulations)       │
                                              └─────────────────────────┘

                      ┌──────────────────┐    ┌─────────────────────────┐
                      │ Non Print        │    │        Recorded         │
                      │ Materials        │────│ (Seminar/conference/E   │
                      │                  │    │   ndowment/lectures)    │
                      └──────────────────┘    └─────────────────────────┘

                                              ┌─────────────────────────┐
┌──────────────────────┐                      │        Webinars         │
│ Educational Materials │                      └─────────────────────────┘
└──────────────────────┘

                                              ┌─────────────────────────┐
                                              │ Institutional Resources │
                                              └─────────────────────────┘

                      ┌──────────────────┐    ┌─────────────────────────┐
                      │ Print Materials  │────│   Learning Resources    │
                      └──────────────────┘    └─────────────────────────┘

                                              ┌─────────────────────────┐
                                              │   Research Materials    │
                                              └─────────────────────────┘
```
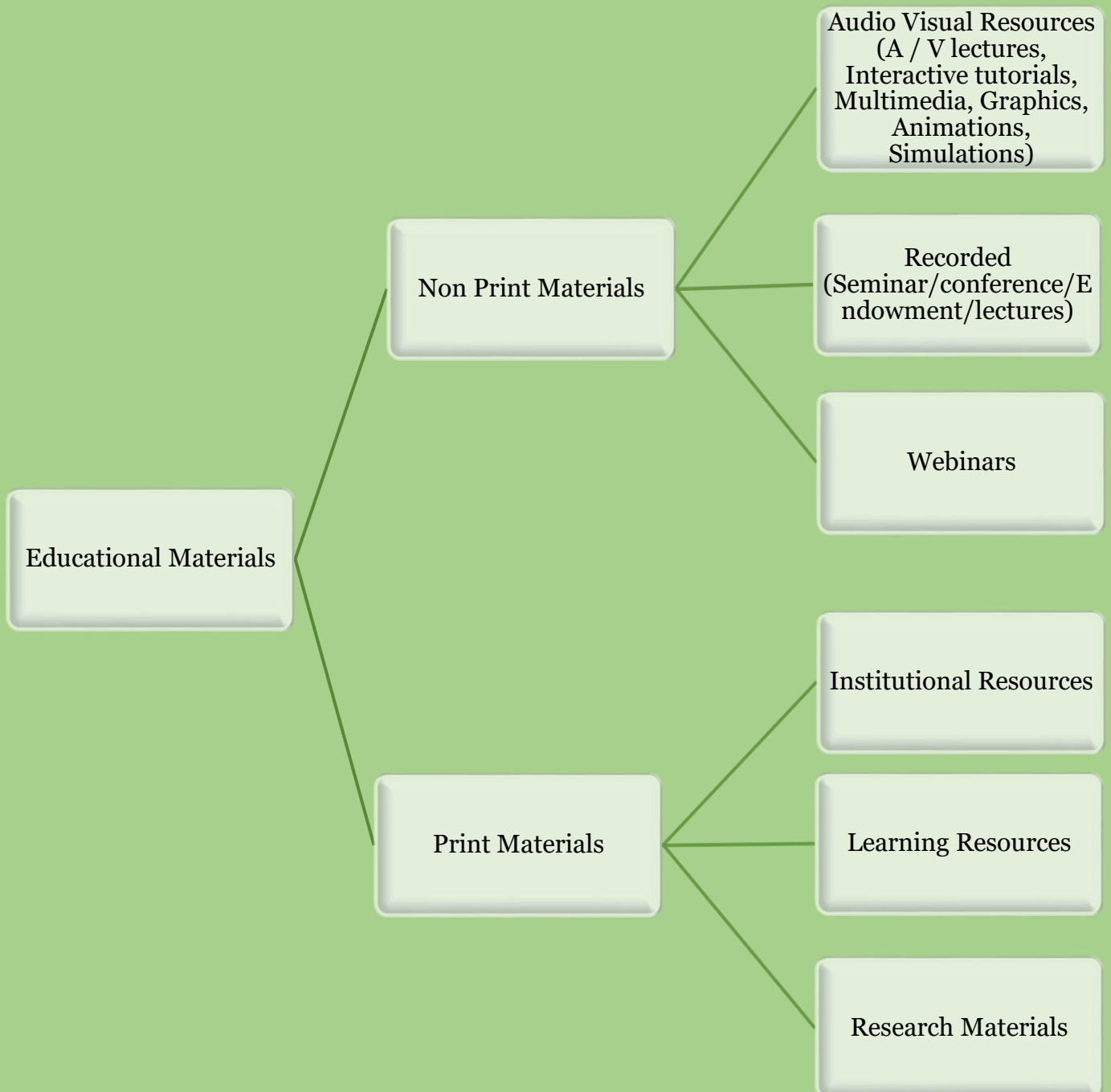
Non-Print materials are resources available in **audio/video form** whereas **Print materials** are segregated in three forms viz., **Institutional Resources, Learning Resources, Research Materials.**

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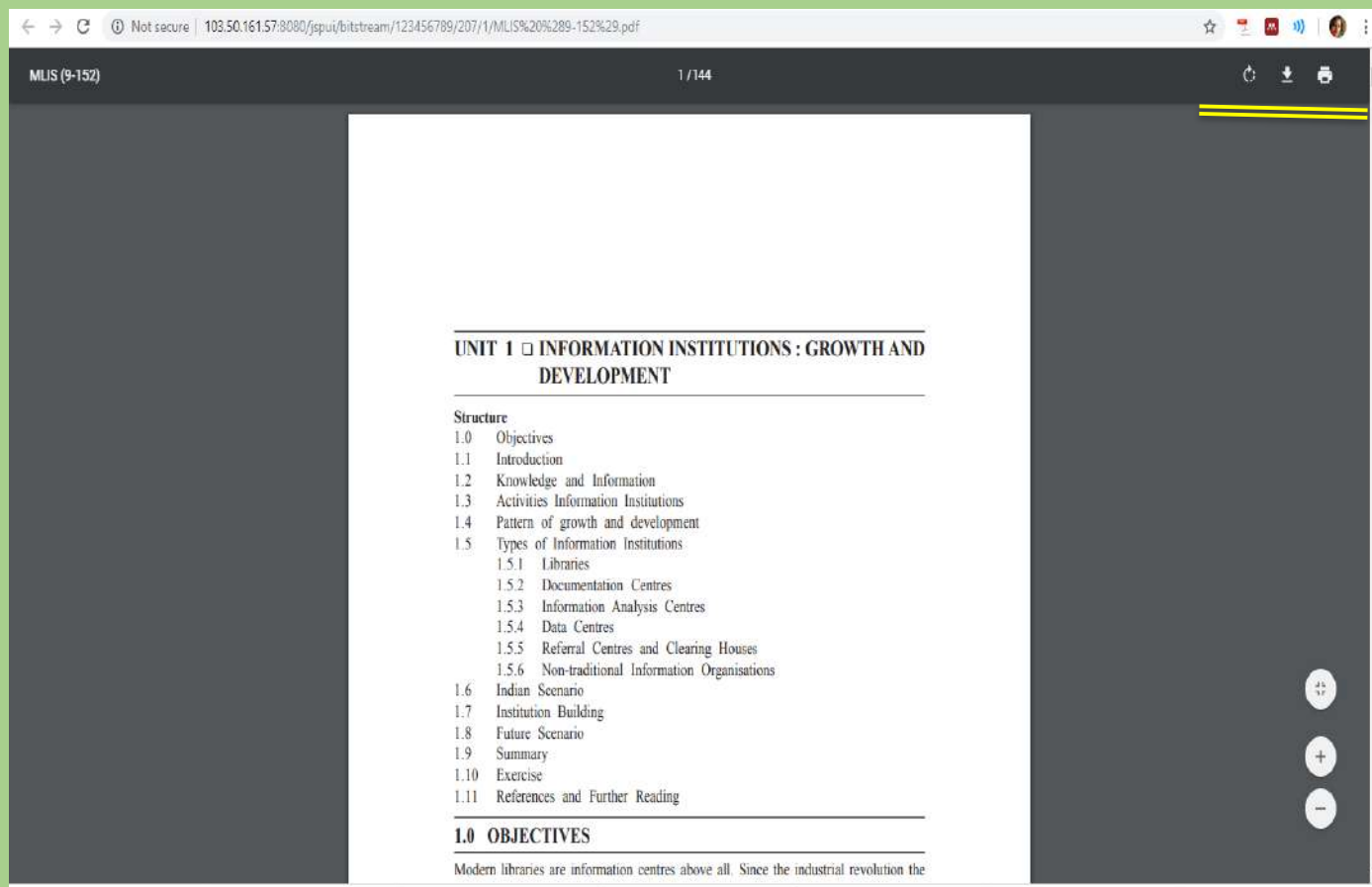
Research Materials are of **'Edited Research Volume'; ETDs and Faculty research papers / articles**

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.

Browse by ==sub-Communities== also.

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

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

related **metadata and fulltext** as shown 👇

To access fulltext click on [View/Open] button. Then result will come as follows

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

UNIT 1 □ INFORMATION INSTITUTIONS : GROWTH AND DEVELOPMENT
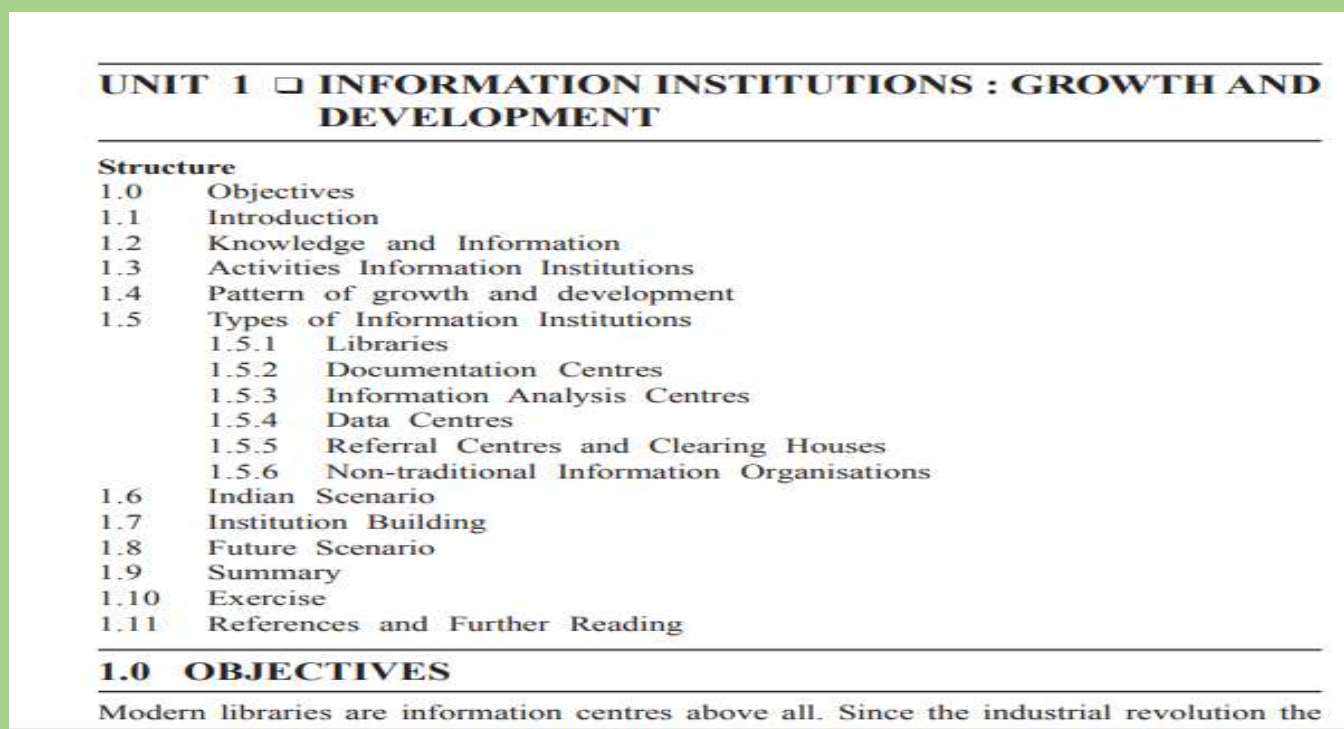
Structure
1.0 Objectives
1.1 Introduction
1.2 Knowledge and Information
1.3 Activities Information Institutions
1.4 Pattern of growth and development
1.5 Types of Information Institutions
   1.5.1 Libraries
   1.5.2 Documentation Centres
   1.5.3 Information Analysis Centres
   1.5.4 Data Centres
   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

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.

Search Result

👉 Now click on retrieved resource.

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

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.

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

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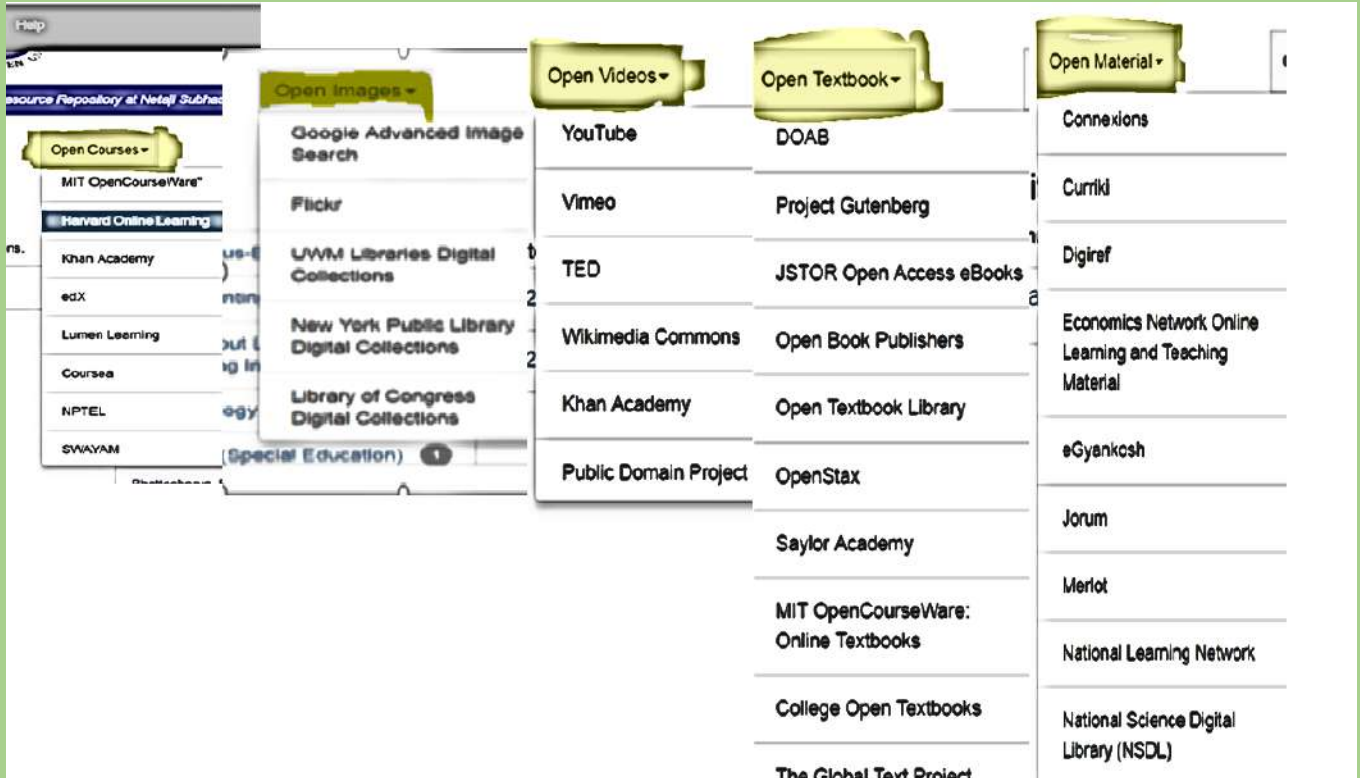
User can share retrieved resources through available social network sites like **Facebook**,
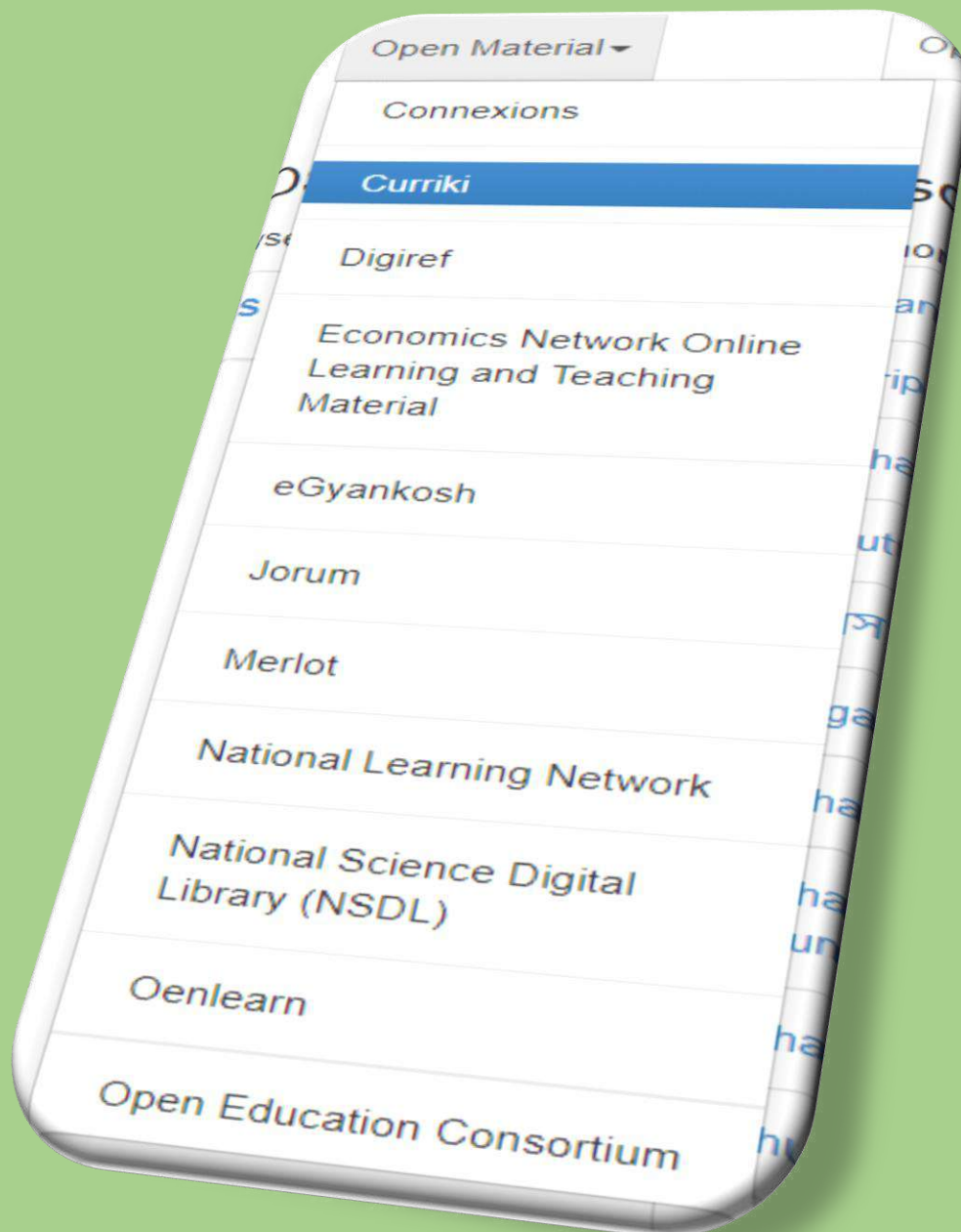
Twitter, LinkedIn, Gmail etc.

What else?

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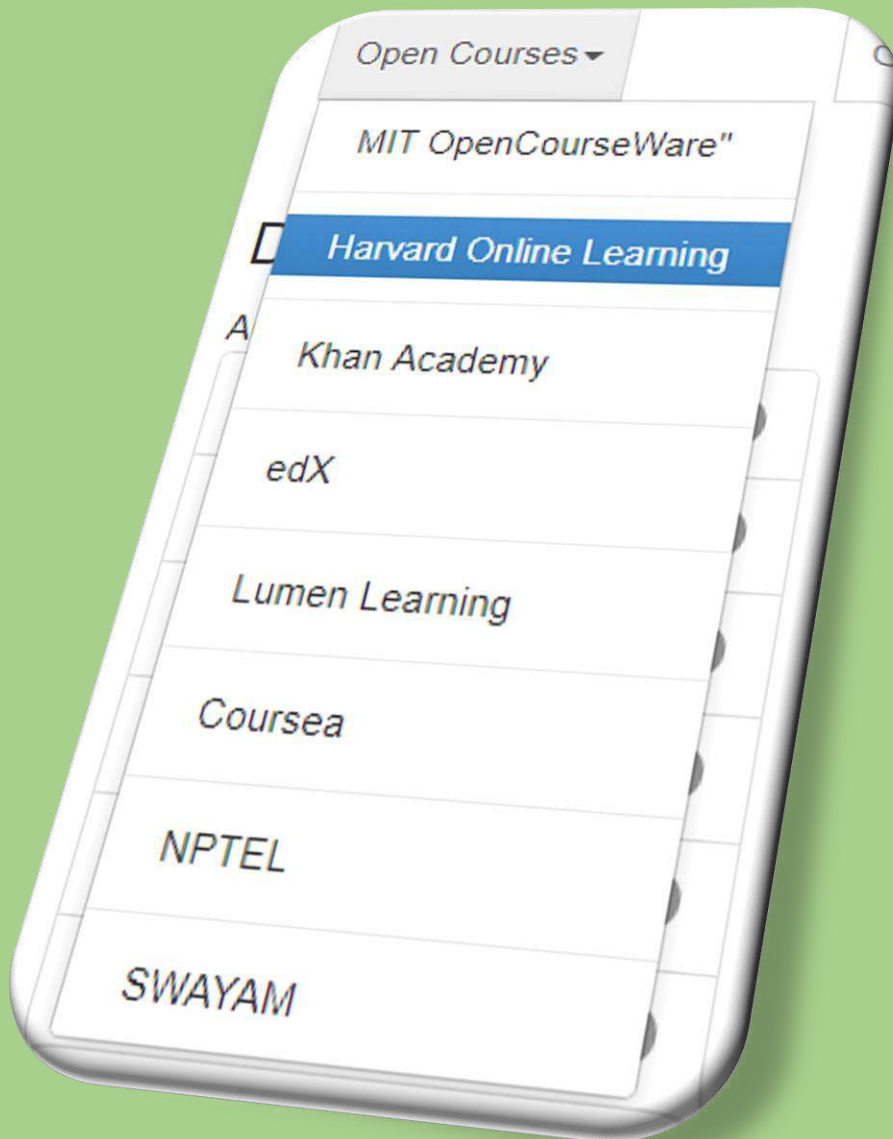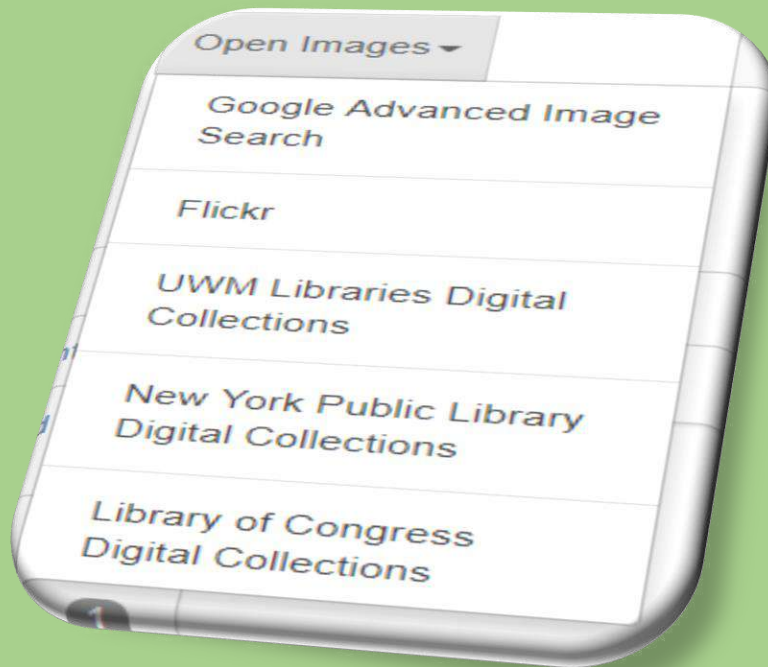
Open Materials

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,

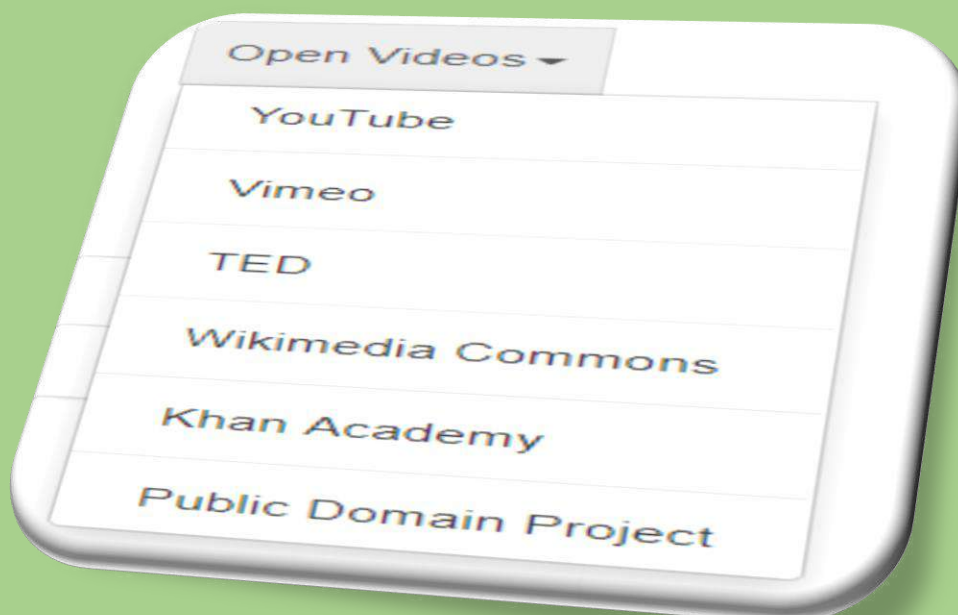Harvard Online Learning etc. after clicking on **Open Courses** button.

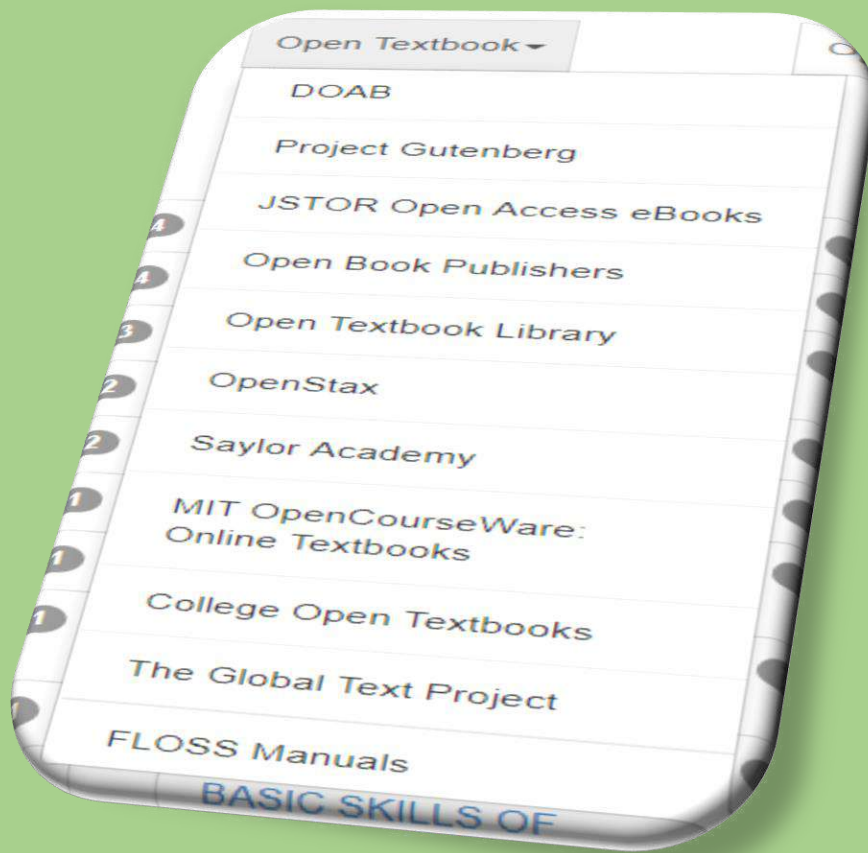To access images without barrier just click on **Open images**

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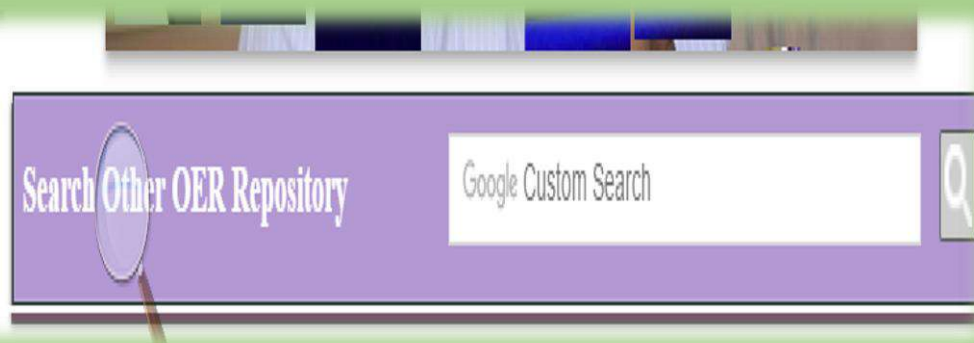
It will **forward your query** and you can see a list of available documents from **different sources which are actually an OER Repository** itself. This Search result will forward you to the source repository where you may have fulltext documents access.

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:

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Use *NSOU-OER* Repository

to access **Multi-Lingual,**

Multi-format, Open

Educational Resources.