

# Copyright and Digital Rights Management

By

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# Contents

- Introduction
- Indian Copyright Act, 1957
- Digital Rights Management (DRM)
- University Grants Commission (Promotion of Academic Integrity and Prevention of Plagiarism in Higher Educational Institutions) Regulations, 2018
- Creative Commons Licences
- Central Government Initiatives in Education
- Academic Material Searching Platforms
- E-Journals Platforms
- EBooks Platforms
- Institutional Repositories Platforms
- Questions and Answers Session
- Activity and Assessment of the Participants
- References

# Introduction

- Copyrighted Material
- Open Access
- Creative Commons

# Copyright

Copyright is a right given by the law to the creators of literary, dramatic, musical and artistic works and producers of cinematograph films and sound recordings. In fact, it is a bundle of rights including, inter alia, rights of reproduction, communication to the public, adaptation and translation of the work.

# Indian Copyright Act, 1957

The Copyright Act, 1957 governs the laws & applicable rules related to the subject of copyrights in India and it became applicable from 21 January 1958.

The law has been amended six times since 1957.

The most recent amendment was in the year 2012, through the Copyright (Amendment) Act 2012.

# How to Register under Indian Copyright Act, 1957

The author or publisher of, or the owner of or other person interested in the copyright in, any work may make an application in the prescribed form accompanied by the prescribed fee to the Registrar of Copyrights for entering particulars of the work in the Register of Copyrights.

On receipt of an application in respect of any work under sub-section (1), the Registrar of Copyrights may, after holding such inquiry as he may deem fit, enter the particulars of the work in the Register of Copyrights.

# Coverage of Indian Copyright Act, 1957

Copyright Act 1957 covers Indian work means a literary, dramatic or musical work the author of which is a citizen of India or which is first published in India.

Copyright act includes Artistic work, Musical work, Sound recording, Cinematograph film and Government work.

In case of Literary, dramatic, musical and artistic works the coverage is the lifetime of the author + sixty years from the beginning of the calendar year following the year in which the author dies.

In case of Anonymous and pseudonymous works, Cinematograph films, Sound records, Government work, Public undertakings, International Agencies, Photographs the duration is until sixty years from the beginning of the calendar years following the year in which the work is first published.



# Fair Dealing Provision of Indian Copyright Act, 1957

What constitutes “fair use” is debatable.

Under fair dealing for the purpose of research or private study, for criticism or review, for reporting current events, in connection with judicial proceeding, performance if it is given to a non-paying audience are allowed.

The fair use is depend on the following points-

- a) **Purpose and Character of Use:** Is it for commercial use or for non-profit educational purposes?
- b) **Nature of the Copyrighted Work:** The fair use principle is generally more indulgent for fact-based works than it is for “fanciful” works, and also is broader for published works than it is for unpublished works.
- c) **Amount and Substantiality:** We have to see the amount which has been taken out from the copyrighted work.
- d) **Effect of the Use:** Effect of use of copyrighted work upon the potential market would be the most important parameter to figure out, whether any specific use of copyrighted work is fair or not.



# Library Provisions of Indian Copyright Act, 1957

Section 52 in the Copyright Act, 1957 says that certain acts not to be infringement of copyright.

The making of not more than three copies of a book (including a pamphlet, sheet of music, map, chart or plan) by or under the direction of the person in charge of a public library for the use of the library if such book is not available for sale in India is not an infringement.

Libraries and archives are permitted to make up to three copies of unpublished copyrighted works for the purposes of preservation, security or for deposit for research use in another library or archive.

Libraries can also make up to three copies of a published work to replace a work in their collection if it is damaged, deteriorated or lost, or the format of which has become obsolete.

# Fair Use and Disabled Persons Provision of Indian Copyright Act, 1957

Section 52 which was added by the amendment of 2012 provides that the “adaptation, reproduction and issue of copies or communication to the public of any work in any accessible format” to facilitate persons with disability to access the works is not an infringement of copyright.

# Civil Liability Provision of Indian Copyright Act, 1957

Copyright infringement is punishable under section 63 of the Copyright Act.

Any person who knowingly infringes or abets the infringement of the copyright in a work, or any other right conferred by the Act, shall be punishable with imprisonment for a term which shall not be less than six months but which may extend to three years and with fine which shall not be less than fifty thousand rupees but which may extend to two lakh rupees.

# Digital Rights Management (DRM)

Digital Rights Management (DRM) is a systematic approach to copyright protection for digital media.

The purpose of DRM is to prevent unauthorized redistribution of digital media and restrict the ways consumers can copy content they have purchased.

DRM is used to control view, play, print, save, copy, transfer files from one media to another one, password protection of the file and other such operations on digital content (like electronic texts, music, and video).

DRM technology creates intentional and artificial information usage barriers.

# Uses of Digital Rights Management (DRM)

Some content providers claim that DRM is necessary to fight copyright infringement and that it can help the copyright holder maintain artistic control or ensure continued revenue streams. Proponents argue that digital locks should be considered necessary to prevent intellectual property from being copied freely, just as physical locks are needed to prevent personal property from being stolen.

Those opposed to DRM contend there is no evidence that DRM helps prevent copyright infringement, arguing instead that it serves only to inconvenience legitimate customers. Furthermore, works can become permanently inaccessible if the DRM scheme changes or if the service is discontinued. Digital locks placed in accordance with DRM policies can also restrict users from exercising their legal rights under copyright law, such as backing up copies of CDs or DVDs, lending materials out through a library, accessing works in the public domain, or using copyrighted materials for research and education.

Again, when standards and formats change, it may be difficult to transfer DRM-restricted content to new media.

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Again, when standards and formats change, it may be difficult to transfer DRM-restricted content to new media.



# Activity and Assessment of the Participants

UGC Promotion of Academic Integrity and Prevention of Plagiarism in Higher Educational Institutions) Regulations, 2018

**Activity 1:** Kindly answer the quiz assignment which is available at:  
<https://forms.gle/Qhs2MQinUL2HWkfC8>

**Time Allocated for the Activity:** 15 Minutes.

**Assessment:** [Click Here to View the assessment result](#)



# Creative Commons Licences

Creative Commons (CC) is an American non-profit organization and international network devoted to educational access and expanding the range of creative works available for others to build upon legally and to share.

The organization has released several copyright-licenses, known as Creative Commons licenses, free of charge to the public.

# Conditions in Creative Commons



## **Creative Commons**

This symbol shows that the document, course, image, music, or art has a creative commons license.



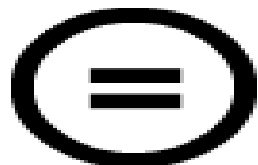
## **BY**

This license lets others distribute, remix, tweak, and build upon your work, even commercially, as long as they credit you for the original creation. This is the most accommodating of licenses offered. Recommended for maximum dissemination and use of licensed materials



## **SA**

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



## **ND**

This license allows for redistribution, commercial and non-commercial, as long as it is passed along unchanged and in whole, with credit to you.



## **NC**

The work may not be used for commercial purposes

# Creative Commons Licenses

**16 possible combinations of 4 conditions of Creative Commons. 4 include both ND and SA and 1 include no clause/condition.**

**11 are valid Creative Commons licenses.**

**5 out of the 11 valid Creative Commons licenses lack BY clause and phased out as because almost all licensors requested BY.**

Therefore, there are thus six regularly used licenses

- i) Attribution alone (by);
- ii) Attribution + Noncommercial (by-nc);
- iii) Attribution + NoDerivs (by-nd);
- iv) Attribution + ShareAlike (by-sa);
- v) Attribution + Noncommercial + NoDerivs (by-nc-nd);
- vi) Attribution + Noncommercial + ShareAlike (by-nc-sa).

# Licences of OER

## THE LICENCES

### FREE CULTURAL WORKS



#### ATTRIBUTION

Can someone use my work to make money?

Can someone change my work?



#### ATTRIBUTION-NONCOMMERCIAL

Can someone use my work to make money?

Can someone change my work?



#### ATTRIBUTION-NONCOMMERCIAL-NODERIVS

Can someone use my work to make money?

Can someone change my work?



(MUST ALSO BE LICENSED BY-SA)

#### ATTRIBUTION-SHAREALIKE

Can someone use my work to make money?

Can someone change my work?



#### ATTRIBUTION-NODERIVS

Can someone use my work to make money?

Can someone change my work?



(MUST ALSO BE LICENSED NC-BY-SA)

#### ATTRIBUTION-NONCOMMERCIAL-SHAREALIKE

Can someone use my work to make money?

Can someone change my work?

# Central Government Initiatives in Education

1. E-Pathshala
2. e-PG Pathshala
3. Study Webs of Active–Learning for Young Aspiring Minds (SWAYAM)
4. SWAYAM PRABHA
5. National Repository of Open Educational Resources (NROER)
6. National Digital Library of India ((NDLI)
7. Smart India Hackathon (SIH)
8. Manodarpan
9. Digital Infrastructure for Knowledge Sharing (DIKSHA)
10. National Initiative for School Heads' and Teachers' Holistic Advancement (NISHTHA)
11. IITPAL
12. PM-eVidya

# E-Pathshala

11/16/2020, 12:44:02 PM

Skip to main content | Skip to navigation | Screen Reader Access | Text Size: A- A+ | English | हिंदी | Urdu

Search

राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद्  
National Council of Educational Research and Training

eपाठशाला  
learning on the go

Home About Epathshala Access eResources (QR code) Contact

Access e-books (Classes 1 to XII) Free on ePathshala Website & Mobile App (Android, iOS & Windows) in Multiple Languages

eपाठशाला  
learning on the go

epathshala.nic.in

Please Cooperate & Prevent  
#COVID-19  
Outbreak

Follow restrictions,  
Go Online

**Description:** ePathshala is a portal/app developed by the Central Institute of Educational Technology (CIET), and NCERT (National Council of Educational Research and Training) which was launched in November 2015 and provide different kinds of reading materials to the learners.

**Access Provisions:** Website and Mobile Apps

**Language Support:** English, Hindi and Urdu

**Contents:** Electronic Books, Audio, Audio-Video, Other Electronic Resources

**Target Classes:** Classes 1-12

**Target Audience:** Students, Teachers, Educators and Parent



# e-PG Pathshala

The screenshot shows the homepage of e-PG Pathshala. At the top, there is a navigation bar with 'HOME', 'STUDENT CORNER', and 'QUIZ'. The main banner features the e-PG Pathshala logo and a central graphic with icons for UGC MOOCs, Adhyayan, and e-Pathya. Below the banner is an 'About e-PG Pathshala' section with a 'Read More' button and a video player icon.

**Description:** e-PG Pathshala (<https://epgp.inflibnet.ac.in>) is an initiative of the MHRD under its National Mission on Education through ICT (NME-ICT) and is being executed by the UGC. e-PG Pathshala offers e-Books [e-Adhyayan (e-Books)], online courses [UGC MOOCs (Online Courses)] & offline access to postgraduate students [e-Pathya (Offline Access)]. It offer high quality, curriculum-based, interactive e-content in 70 subjects across all disciplines of social sciences, arts, fine arts and humanities, natural & mathematical sciences.

**Access Provisions:** Website

**Language Support:** English

**Contents:** Electronic Books, Audio-Video, Quiz

**Target Classes:** Post Graduate Students

**Target Audience:** Students, Teachers, Educators and Parent



# Study Webs of Active–Learning for Young Aspiring Minds (SWAYAM)

swayam.gov.in

swayam

About Swayam | All Courses | National Coordinators | Local Chapters

COURSE CATALOG Search Catalog... SIGN-IN / REGISTER

For Learners...  
Acquire skills that  
meet your needs

EXPLORE COURSES

SWAYAM Courses in Regional languages

Completed Courses

Let COVID-19 not Stop your Learning. Continue with SWAYAM

Download marks of SWAYAM 29/30 September 2020 CBT based exam

**Description:** The SWAYAM platform is developed by Ministry of Human Resource Development (MHRD) and NPTEL, IIT Madras with the help of Google Inc. and Persistent Systems Ltd and it was launched on 9<sup>th</sup> July 2017. It is a MOOC platform where learners can take free of cost courses. However, for certification the learners need to attend paid test and after getting the certification the course credit can be transferred to academic.

**Access Provisions:** Website and Mobile Apps.

**Language Support:** English.

**Contents:** Course where video lecture, reading material, quiz and forum is available.

**Target Classes:** Classes 9 upto PG

**Target Audience:** Students, Teachers, Educators and Parents.

# SWAYAM PRABHA

swayamprabha.gov.in

DOWNLOAD | FAQs | HELP MANUAL | FEEDBACK | CONTACT US

REGISTRATION | LOGIN

HOME | ABOUT US | SEARCH | HIGHER EDUCATION | SCHOOL EDUCATION | ARCHIVE VIDEOS

SWAYAM PRABHA  
Free DTH Channel for Education

WELCOME TO  
**SWAYAM PRABHA**  
34 DTH Educational Channels

HIGHER EDUCATION

SCHOOL EDUCATION

**IIT ONLINE CLASSES & POPULAR NPTEL COURSES**

CHANNEL NO 11 Mechanical Engg. & related branches	CHANNEL NO 12 Civil Engg. & related branches
CHANNEL NO 13 Computer and IT & related branches	CHANNEL NO 14 Electrical, Electronics and Communication & related branches
CHANNEL NO 15 Engineering Sciences & related branches	CHANNEL NO 16 Humanities, Management & other branches

**Description:** SWAYAM PRABHA is an education learning platform initiated by the Ministry of Human Resource Development (MHRD) which is available 24x7 through 34 DTH channels. The SWAYAM PRABHA has new content everyday 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.

**Access Provisions:** TV Channel, Swayam Prabha Website, YouTube Channel

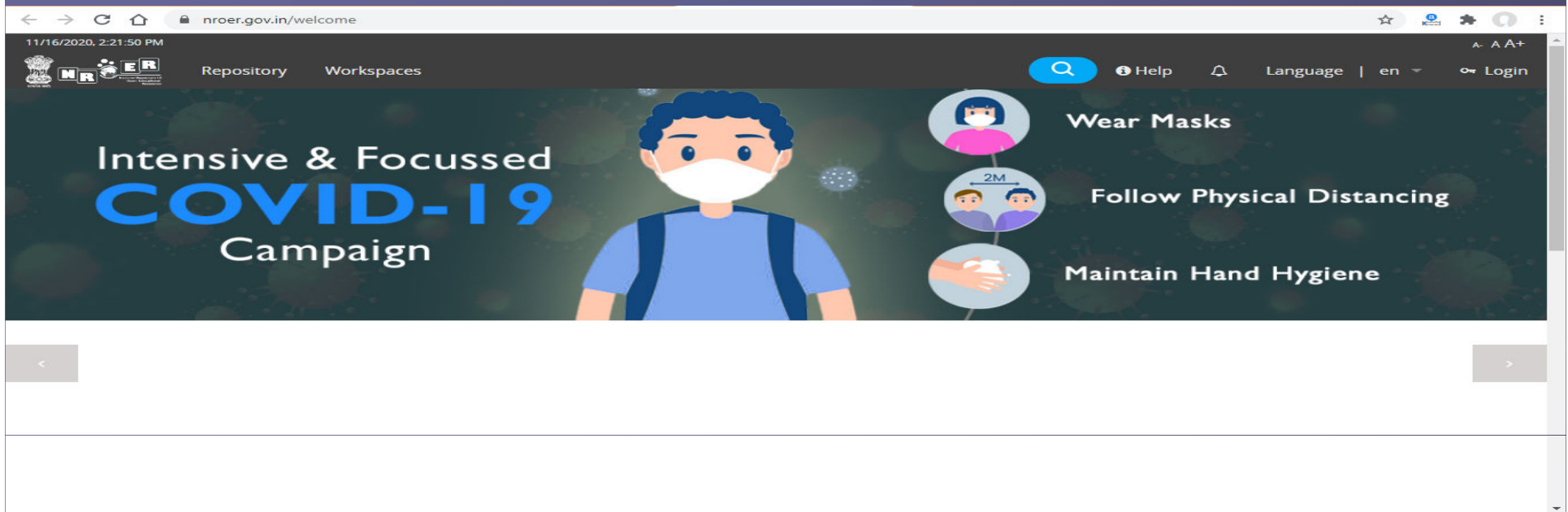
**Language Support:** English, Hindi and other languages

**Contents:** Video lecture

**Target Classes:** Classes 9 to P.G. proposed to launch one class one channel

**Target Audience:** Primarily Students

# National Repository of Open Educational Resources (NROER)



**Description:** NROER was initiated by the Department of School Education and Literacy, Ministry of Human Resource Development, Government of India and managed by the Central Institute of Educational Technology, National Council of Educational Research and Training. It was launched on 13 August 2013 and provides open educational resources.

**Access Provisions:** Website

**Language Support:** English and Hindi

**Contents:** Open Educational Resources that include books, images, audios and videos. It provide OER mapped to school curriculum, Elibrary, Ebooks, Ecourses, Events and scope for Partner showcase.

**Target Classes:** Classes 1-12. However as on today only support classes 8-12.

**Target Audience:** Students and Teachers



# National Digital Library of India (NDLI)

The screenshot shows the NDLI website interface. At the top, there is a navigation bar with a search bar, a language dropdown menu, and a log-in button. Below this, the main header features the NDLI logo, the text "National Digital Library of India", and the slogan "One Library All of India". The header also includes logos for the Ministry of Education, Government of India (Sponsored by) and the Indian Institute of Technology Kharagpur (Developed by). A search bar is prominently displayed, showing "Search over 54,088,238 resources" and a language dropdown set to "English".

**STUDY AT HOME**

- School
- CBSE Examinations Preparatory ...
- Engineering
- Science
- Humanities
- Literature
- Law & Management

**COVID-19 RESEARCH REPOSITORY**

- Scholarly Publications
- Data Sets
- Documents & Videos
- Journals & Conferences
- Ideas & Funding
- Challenges & Startup

**FEATURED COLLECTIONS**

- Birth Centenary of Satyajit Ray
- On this Day
- Person of the Week: George Eliot
- Topic of the Week: World Children's Day
- Talks & Webinars

**Description:** NDLI is a virtual repository of learning resources firstly emerged as a pilot project in May 2016.

**Access Provisions:** Website and Apps

**Language Support:** English, Hindi, Bengali, Assamese and other 7 Indian languages.

**Contents:** Text, Image, Audio, Video, Presentation, Stimulation, Animation, Application,

**Target Classes:** All Classes, Basically for Degree and Post Graduate and Research Level

**Target Audience:** All People

# National Digital Library of India (NDLI)

# Smart India Hackathon (SIH)

← → ↻ sih.gov.in ⭐ P Paused

SMART INDIA HACKATHON 2020

DISCOVER ABOUT SIH NEWS & MEDIA INTERNATIONAL HACKATHON NEW ANNOUNCEMENT SUPPORT LOGIN/REGISTER

**#SmartIndiaHackathon**  
World's Biggest Open Innovation Model

**Join the Fight Against COVID-19**

**STAY HOME STAY SAFE**

CISCO Challenge

Register now

Registration ends on DD-MM-YY

Establishing secure connection...

**Description:** Smart India Hackathon is a nationwide initiative to provide students with a platform to solve some of the pressing problems we faced in our life. It was initiated by MHRD's Innovation Cell & All India Council for Technical Education (AICTE) and inaugurated on 1st April, 2017.

**Access Provisions:** Website and Apps

**Language Support:** English

**Contents:** Participatory in solving problems

**Target Classes:** Technical Students


**Target Audience:** Students and Educational Institutes

# Smart India Hackathon (SIH)



# Manodarpan

← → × ⌂ ⚠ Not secure | manodarpan.mhrd.gov.in ☆ 📄 🌟 🔄 ⋮

 **Ministry of Education**  
Government of India

Home Advisory Tips to Follow Podcasts/ Videos/ FAQ's Do's & Don'ts Contact हिन्दी

## MANODARPAN - Psychosocial Support for Mental Health & Well Being of Students during the **COVID Outbreak and beyond**

An initiative by Ministry of Human Resource Development, Government of India  
as part of Atma Nirbhar Bharat Abhiyan.

Waiting for cache...

**Description:** It is a platform to provide psychosocial support to students for their Mental Health and Well-being.

**Access Provisions:** Website, Online Chat, National Toll-free Helpline-8448440632

**Language Support:** English and Hindi

**Contents:** Provide support, guideline, posters and handbook.

**Target Classes:** Anyone

**Target Audience:** Especially young students

# Manodarpan

# Digital Infrastructure for Knowledge Sharing (DIKSHA)

The screenshot shows the homepage of the DIKSHA website. At the top, there is a navigation bar with the URL 'diksha.gov.in' and the Government of India logo. Below this, there are icons for Home, Dashboard, About, Get App, and Contribute. The main content area features a large banner with a portrait of Prime Minister Narendra Modi and the text 'DIKSHA ONE NATION ONE DIGITAL PLATFORM'. Below the banner, there is a 'Usage metrics' section with a 'View Dashboard' button and a 'Download Report' link. On the left side, there is a section for 'EXPLORE DIKSHA' and a 'NCERT' section with an 'Explore' button.

**Description:** DIKSHA is initiated by National Council of Educational Research and Training (NCERT), Ministry of Education, Govt. of India and launched on 5th September, 2017.

**Access Provisions:** Website and Mobile Apps

**Language Support:** Support 18+ languages

**Contents:** E-Books, Audio-Video and others

**Target Classes:** Classes 1-12

**Target Audience:** Mainly Students

# National Initiative for School Heads' and Teachers' Holistic Advancement (NISHTHA)

11/16/2020, 3:32:27 PM A- A A+

English (en) हिंदी (hi) Log in

**NISHTHA** ONLINE | INTEGRATED TEACHER TRAINING FOR CHANGE | SAMAGRA SHIKSHA

MHRD Govt. of India Digital India Power To Empower

HOME ABOUT FORUM ANALYTICS FAQs ARCHIVE CONTACT US

**NISHTHA**  
National Initiative for School Heads' and Teachers' Holistic Advancement  
[nishtha.ncert.gov.in](http://nishtha.ncert.gov.in)  
INTEGRATED TEACHER TRAINING FOR CHANGE  
SAMAGRA SHIKSHA

National Resource Group 100  
State Resource Group 33,000  
Teachers, Principals, BRCs and CRCs

**Description:** Provide online training to the teachers, headmasters / headmistress and principals of school and colleges.

**Access Provisions:** Website and Mobile Apps

**Language Support:** English and Hindi

**Contents:** Online training

**Target Classes:** Not for students

**Target Audience:** Headmasters, Headmistress / Principals and Teachers

# IITPAL

← → ↻ 🏠 🔒 iitpal.com ☆ 📧 ⚙️ 👤 ☰

HOME | BLOG | PAGES | SHOP | COURSES | LOGIN | SIGN UP

iITPAL  
INSTITUTE

HOME | BLOG | PAGES | SHOP | COURSES

Search courses..

**JEE PREPARATION  
WITH INDIA'S BEST**

LEARN AT YOUR OWN PACE ONLINE.  
YOUR TRUE LEARNING COMPANION.

**KNOW MORE** **GET STARTED NOW**

**Chat with IITPAL**  
Typically replies instantly

**Continue as Badan**

If you choose to log in, IITPAL will see the website you came from and info you've made public on your Facebook profile.

> ○ ○ ○ ○ ||

**Description:** It is an online learning platform created to help students preparing for JEE Mains and JEE Advanced.

**Access Provisions:** Website

**Language Support:** English and Hindi

**Contents:** Support with materials and mentors

**Target Classes:** Class XII Science Students

**Target Audience:** Students

# PM-eVidya

PM eVIDYA is a comprehensive initiative which unifies all efforts related to digital/online/on-air education.

This enables multi-mode access to education. It will comprises of use of Radio and Community Radio, One Class One TV Channel for classes 1-12, DIKSHA (one nation-one digital platform), SWAYAM, IITPAL, Manodarpan and others.

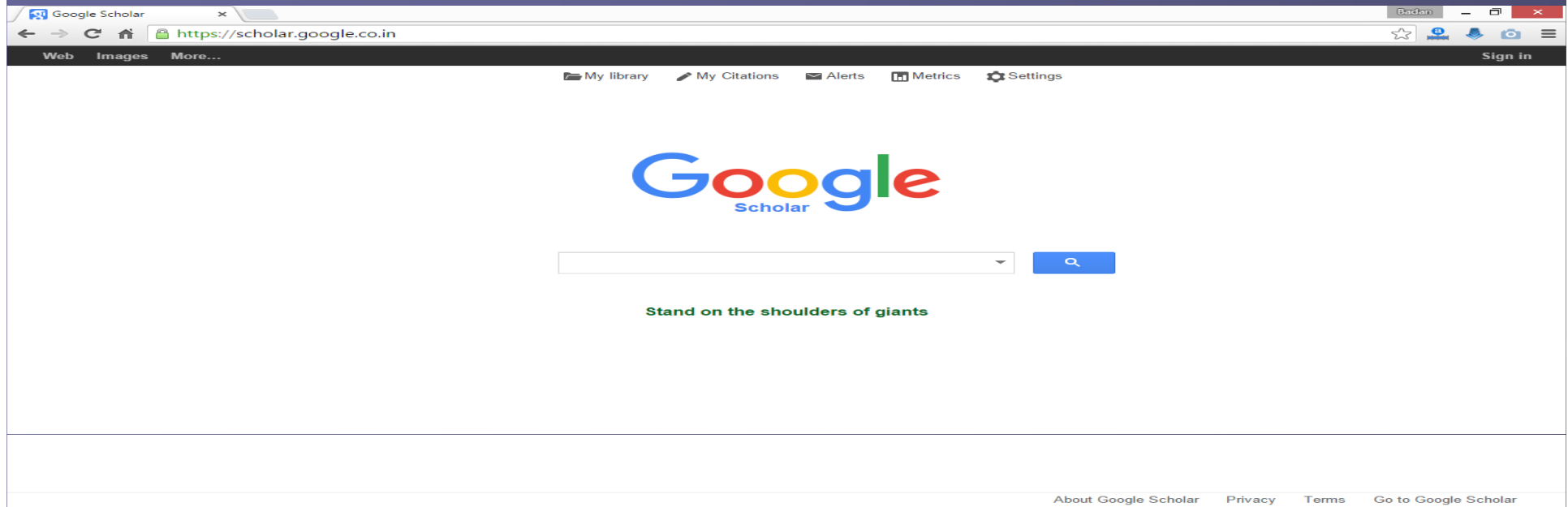


# Academic Material Searching Platforms

1. **Google Scholar**
2. **Microsoft Academic**
3. **Dimensions**
4. **CiteSeerX**
5. **Sci-Hub**



# Google Scholar



**Description:** Google Scholar is a freely accessible web search engine that indexes and searches the full text or metadata of over 39 crores scholarly literature across an array of publishing formats and disciplines.

# Microsoft Academic

Microsoft Academic

Sign up / Sign in

## Research more, search less

Search any topic, author, journal, etc. or any combination of these

### Explore Entity Analytics

261,947,593	Publications
269,702,254	Authors
713,633	Topics
4,541	Conferences
49,032	Journals
27,029	Institutions

**Announcement**  
Please take note of a [recent blog post](#) about the Microsoft Academic website and underlying APIs that will be retired on Dec. 31, 2021.

### Unleash the Power of Semantic Search

Microsoft Academic understands the meaning of words, it doesn't just match keywords to

[Top Authors in Medicine](#) [Top Institutions in Medicine](#)

**Description:** Microsoft Academic is an academic search engine that searches over 26 crores of journal articles and conference papers.

# Dimensions

The screenshot displays the Dimensions website interface. At the top, the URL is [app.dimensions.ai/discover/publication](https://app.dimensions.ai/discover/publication). The search bar contains the query "e.g. plastic AND instrument". The navigation bar includes "Dimensions", "Support", "Register", and "Log in".

**FILTERS**

- PUBLICATION YEAR**
  - 2021: 3,227,288
  - 2020: 6,317,142
  - 2019: 5,724,807
  - 2018: 5,311,028
  - 2017: 4,962,574
  - 2016: 4,557,584
  - 2015: 4,339,312
  - 2014: 4,208,773
  - 2013: 4,008,388
  - 2012: 3,736,086
- RESEARCHER
- RESEARCH CATEGORIES
- PUBLICATION TYPE
- SOURCE TITLE
- JOURNAL LIST
- OPEN ACCESS

**FAVORITES**

**PUBLICATIONS** 120,365,401

**DATASETS** 8,835,422

**GRANTS** 5,894,126

**PATENTS** 138,169,622

**CLINICAL TRIALS** 650,933

**POLICY DOCUMENTS** 714,735

**ANALYTICAL VIEWS**

- RESEARCH CATEGORIES**
  - 11 Medical and Health Sciences: 30,585,739
  - 09 Engineering: 12,490,122
  - 1103 Clinical Sciences: 11,317,199
  - 06 Biological Sciences: 9,153,054
  - 03 Chemical Sciences: 7,972,496
- OVERVIEW**
  - Citations: 1.4 B
  - Citations (Mean): 11.90
  - Line graph showing Citations (total) from 2012 to 2021.
- RESEARCHERS**
  - Henry V Kehiaian: 15,812
  - Jean-Claude Fontaine: 15,719

**Search Results:**

**Inhibitory Control Across Athletic Expertise and Its Relationship With Sport Performance.**  
Jack Hagyard, Jack Brimmell, Elizabeth J Edwards, Robert S Vaughan  
2021, Journal of Sport and Exercise Psychology - Article  
Inhibitory control may be vital in elite sport. The authors examined the link between athletic expertise, inhibitory control, and sport performance in a two-part quasi experiment. Inhibitory control w... [more](#)  
Citations: 5 | Altmetric: 6 | Open Access | Add to Library

**Effectiveness of Structured Physical Activity Interventions Through the Evaluation of Physical Activity Levels, Adoption, Retention, Maintenance, and Adherence Rates: A Systematic Review and Meta-Analysis.**  
Nadja Willinger, James Steele, Lou Atkinson, Gary Liguori, Alfonso Jimenez, Steve Mann, Elizabeth Horton  
2021, Journal of Physical Activity and Health - Article  
BACKGROUND: Structured physical activity (PA) interventions (ie, intentionally planned) can be implemented in a variety of facilities, and therefore can reach a large proportion of the population. The... [more](#)  
Citations: 3 | Altmetric: 10 | Open Access | Add to Library

**Sustained Exposure to High Carbohydrate Availability Does Not Influence Iron-Regulatory Responses in Elite Endurance Athletes.**  
Alannah K A McKay, Peter Peeling, David B Pyne, Nicolin Tee, Marijke Welvaart, Ida A Heikura, Avish P Sharma, Jamie Whitfield, ...  
2021, International Journal of Sport Nutrition and Exercise Metabolism - Article  
This study implemented a 2-week high carbohydrate (CHO) diet intended to maximize CHO oxidation rates and examined the iron-regulatory response to a 26-km race walking effort. Twenty international-lev... [more](#)

**Description:** Dimensions (<https://app.dimensions.ai>) is an abstracting and indexing database. Dimensions indexes data from a myriad of sources so that the user can track and understand the complete research cycle.

# CiteSeerX

The screenshot shows the CiteSeerX website interface. At the top, there is a navigation bar with tabs for "Documents", "Authors", and "Tables". To the right of these tabs are links for "Donate", "MetaCart", "Sign up", and "Log in". Below the navigation bar is a search area with a text input field, a "Search" button, and a checkbox labeled "Include Citations". To the right of the search area is the CiteSeerX logo, which includes the text "CiteSeerX = 5M". Below the search area, there is a link for "Advanced Search". In the center of the page, there is a section titled "Most Cited: Documents . Citations . Authors . Venue Impact Rating". Below this section is a logo for "Lucene Solr Powered By Solr/Lucene". At the bottom of the page, there is a footer with links for "About CiteSeerX", "Submit and Index Documents", "Privacy Policy", "Help", "Data", "Source", and "Contact Us". Below the footer, there is a line of text that reads "Developed at and hosted by The College of Information Sciences and Technology" and a copyright notice "© 2007-2015 The Pennsylvania State University".

**Description: CiteSeer<sup>x</sup>:** CiteSeer<sup>x</sup> or CiteSeer (<https://citeseerx.ist.psu.edu>) is a public abstracting and citation database for scientific and academic papers, primarily in the fields of computer and information science. It is the first product achieved through automated citation indexing, other such products include Google Scholar and Elsevier's Scopus.

# Sci-Hub



**Description:** Sci-Hub (<https://sci-hub.se>) is an online platform that hosts material without regard to copyright. It provides free access to millions of research papers and books by bypassing publishers' paywalls in various ways.



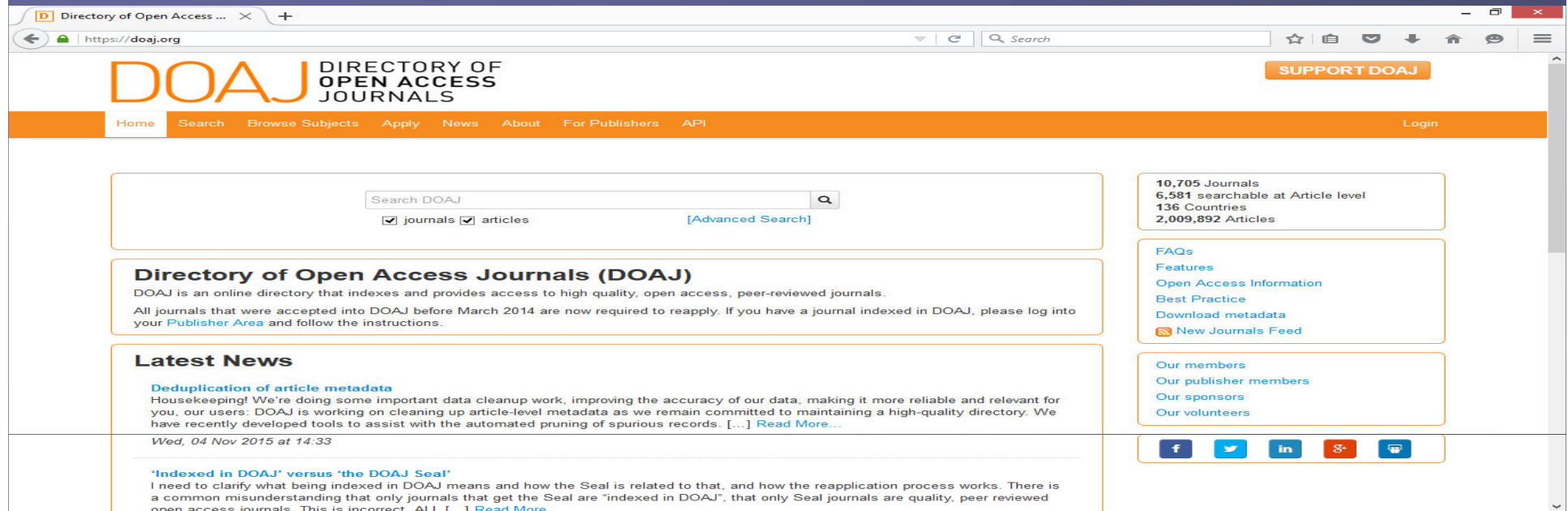
# E-Journals Platforms

## 1. Directory of Open Access Journals (DOAJ)





# Directory of Open Access Journals (DOAJ)



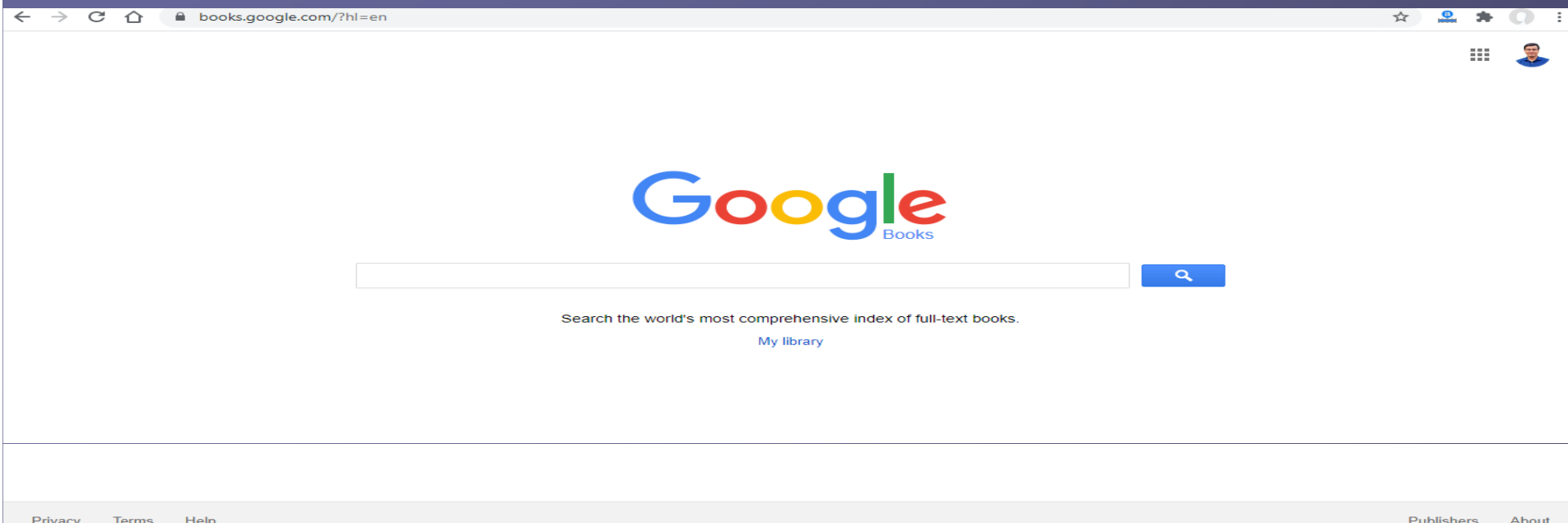
The screenshot shows the homepage of the Directory of Open Access Journals (DOAJ). The browser address bar displays "https://doaj.org". The website header includes the DOAJ logo and the text "DIRECTORY OF OPEN ACCESS JOURNALS". A navigation menu contains links for Home, Search, Browse Subjects, Apply, News, About, For Publishers, and API. A "SUPPORT DOAJ" button is located in the top right corner. The main content area features a search bar with the text "Search DOAJ" and a search icon. Below the search bar are checkboxes for "journals" and "articles", and a link for "[Advanced Search]". A statistics box on the right lists: "10,705 Journals", "6,581 searchable at Article level", "136 Countries", and "2,009,892 Articles". Below this is a "FAQs" section with links for "Features", "Open Access Information", "Best Practice", "Download metadata", and "New Journals Feed". Another section lists "Our members", "Our publisher members", "Our sponsors", and "Our volunteers". At the bottom, there are social media icons for Facebook, Twitter, LinkedIn, Google+, and YouTube. The "Latest News" section includes a headline "Deduplication of article metadata" and a sub-headline "'Indexed in DOAJ' versus 'the DOAJ Seal'", with a "Read More..." link.

**Description:** The Directory of Open Access Journals (DOAJ) is a free database containing over 16500 peer-reviewed open access journals and 63,02,902 covering all areas of science, technology, medicine, social sciences, arts and humanities.

# EBooks Platforms

1. Google Books
2. Internet Archive: eBooks and Texts
3. PDF Drive
4. Project Gutenberg
5. JustFreeBooks

# Google Books



**Description:** Google Books searches 4 crors of full text of books and magazines that Google has scanned, converted to text using optical character recognition (OCR), and stored in its digital database.

# Internet Archive: eBooks and Texts



## eBooks and Texts

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The Internet Archive offers over **20,000,000** freely downloadable books and texts. There is also a collection of **2.3 million modern eBooks** that may be borrowed by anyone with a free archive.org account.

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<input type="checkbox"/> software	2

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**US**

United States Patent and Trademark Office documents

**Bharat Ek Khoj**

1,350,075 ITEMS

**Islamic Studies and Cultural Collection**

26,190 ITEMS

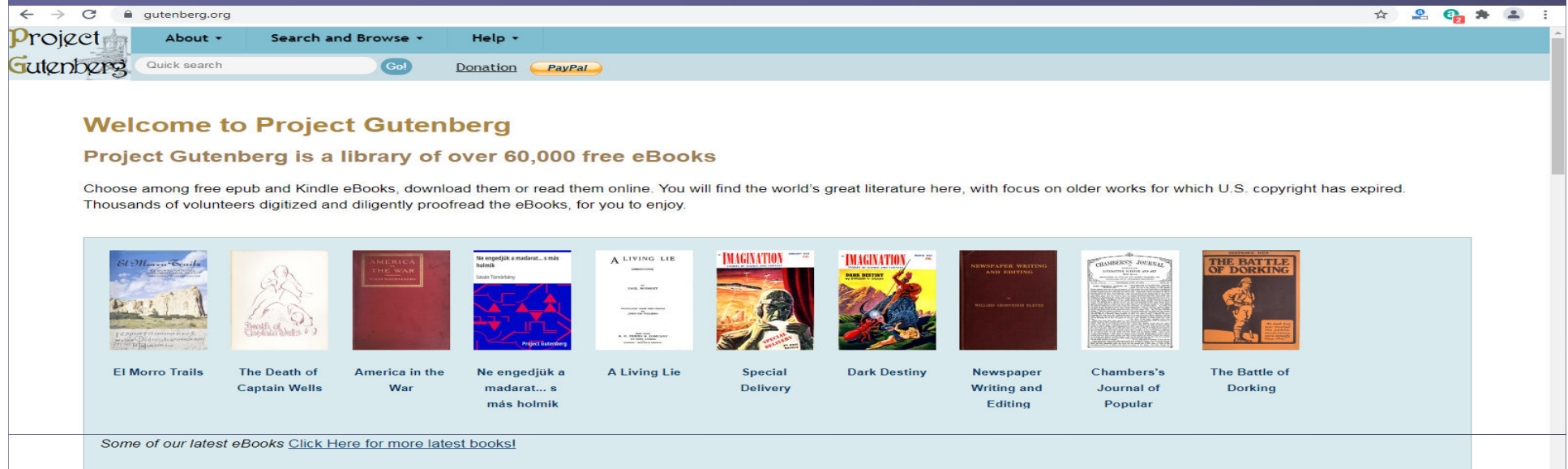
**Description:** The Internet Archive offers over 3 crores of freely downloadable books and texts.

# PDF Drive

The screenshot shows the PDF Drive website interface. At the top, there is a navigation bar with the PDF Drive logo, a search bar containing the text "Search for books, tutorials, manuals and authors in 80,279,226 files", and a user profile dropdown menu for "Badan". Below the navigation bar, there is a main content area. On the left, there is a section titled "Best Books of the Week" featuring three book recommendations: "Living in the Light: A guide to personal transformation" (258 Pages - 2001 - 2.74 MB - 611,736 Downloads), "Give and Take: WHY HELPING OTHERS DRIVES OUR SUCCESS" (260 Pages - 2011 - 1.57 MB - 675,386 Downloads), and "Braiding Sweetgrass: Indigenous Wisdom, Scientific Knowledge and the Teaching..." (473 Pages - 2017 - 2.03 MB - 141,361 Downloads). Each book entry includes a cover image and buttons for "Save to My Drive", "Download", "Preview", and "Like". On the right, there is a sidebar with navigation links for "My Drive", "My Likes", and "Account". Below these links, there is a section titled "Pdfdrive:hope Give books away. Get books you want." followed by a grid of category icons including Editor's Picks, Most Popular, Academic & Education, Art, Biography, Business & Career, Children & Youth, Environment, Fiction & Literature, Health & Fitness, Lifestyle, Personal Growth, Politics & Laws, Religion, Science & Research, and Technology. At the bottom of the page, there is an advertisement for EPSON with the text "PROTEGE TU INVERSIÓN." and "COMPRAR AHORA", and a subscription form with the text "Enter your email" and "Subscribe".

**Description:** PDF Drive: PDF Drive (<https://www.pdfdrive.com>) hosts more than 8 crores of EBooks without regard to copyright. Most of these books are hosted by the user in their PDF Drive's virtual drive which were later on indexed by the PDF Drive and make them available to all other users over the Web. The site's operation is financed by user donations and advertisement.








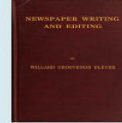


# Project Gutenberg



The screenshot shows the Project Gutenberg website homepage. At the top, there is a navigation bar with 'About', 'Search and Browse', and 'Help' menus. Below this is a search bar and a 'Donation' button with a PayPal logo. The main content area features a welcome message and a list of ten featured eBooks with their covers and titles.

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**Description:** Project Gutenberg is a volunteer effort to digitize and archive cultural works, to encourage the creation and distribution of eBooks. It was founded in 1971 by Michael S. Hart and is the oldest digital library. As on 30<sup>th</sup> January, 2017, Project Gutenberg offers over 53,000 free ebooks collected from free epub books and free kindle books. The ebooks are downloadable or can be read online.



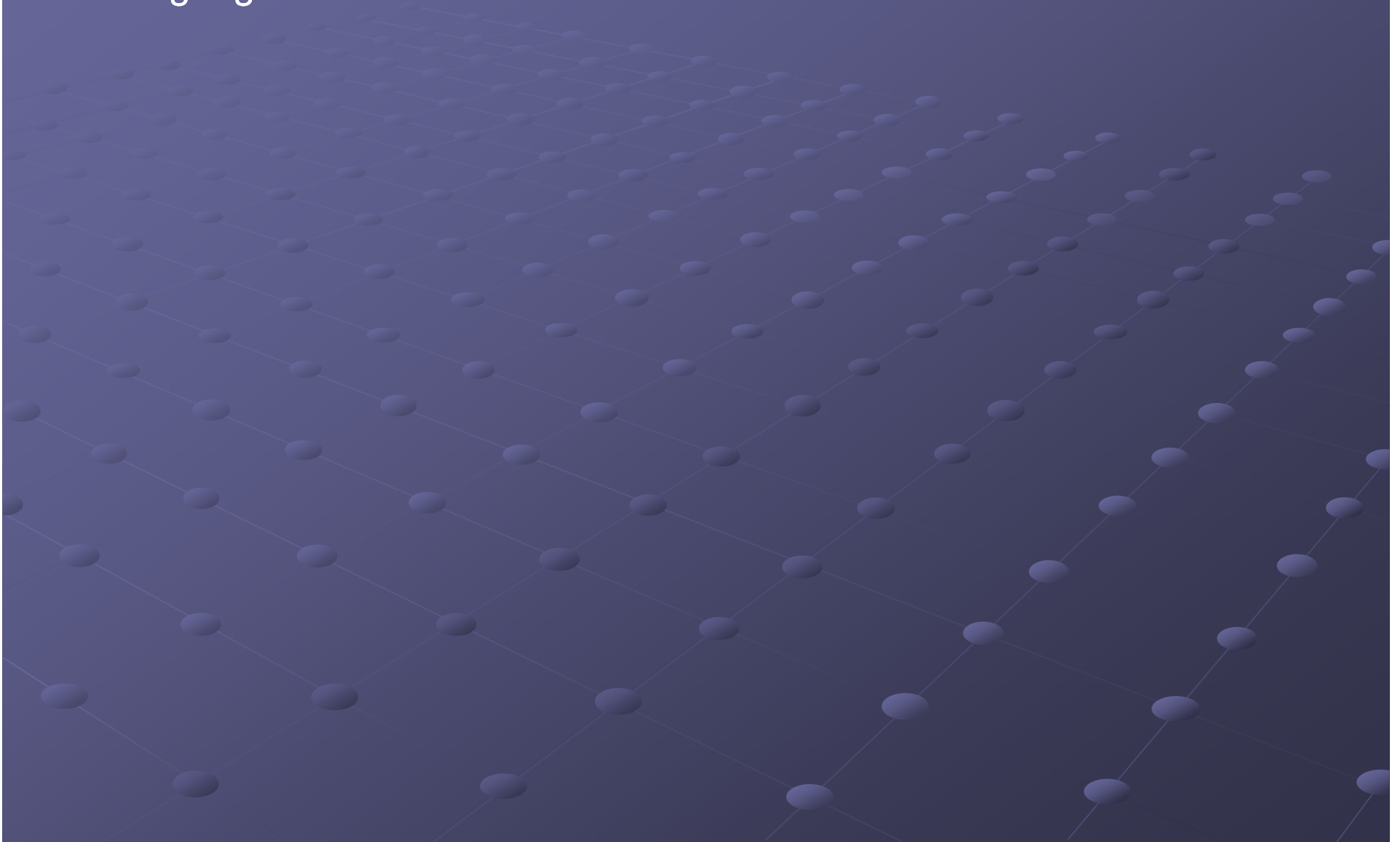
# JustFreeBooks

The screenshot shows the JustFreeBooks website in a browser window. The browser's address bar displays 'www.justfreebooks.info'. The website's header features a red navigation bar with the text 'Search + Google Books Conversion'. Below this, the 'Just free Books' logo is centered. A search bar with a 'Search' button is positioned below the logo. A small text note indicates 'Powered by Google Custom Search'. A central content area contains a blue box with 'Search examples' listing titles like 'Doctor Who', 'Alice's Adventures in Wonderland', 'Koran', 'Humor', 'The Art of War', and 'Lucid Dreaming', along with a 'More examples >>>' link. To the right of this box, a blue text block explains that the site searches over 700 web sites, including 'gutenberg.org', 'wikibooks.org', and 'archive.org', to find free eBooks for various devices. At the bottom of the page, a yellow bar contains the text 'Browse by category' and 'Like us'.

**Description:** JustFreeBooks (<http://www.justfreebooks.info>) is a Google Custom Search Engine to search and find out free books over the Web.

# Institutional Repositories Platforms

➤ Shodhganga



# Shodhganga

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**Description:** Shodhganga (<http://shodhganga.inflibnet.ac.in>) is a joint venture of UGC and INFLIBNET. INFLIBNET takes an active role in making it mandatory to submit the electronic copy of a thesis whenever the research scholars submit their thesis to the respective university or institutions for the PhD degree in India. As on 4<sup>th</sup> April, 2021, Shodhganga hosts more than 3 lakhs theses from more than 400 universities in India.

# References

Anderson, T. & O'English, L. (2018). Open educational resources: Tools for affordable learning. Washington State University Libraries. Licensed Creative Commons Attribution 4.0 International (CC BY 4.0). <http://libguides.libraries.wsu.edu/affordablelearning>

Barman, B. (2022). A comprehensive book on Library and Information Science. LIS Links.

# Questions & Answers Session



# Activity and Assessment of the Participants

**Activity 1:** Kindly answer the quiz assignment which is available at:  
<https://forms.gle/r9GENp25DCuLgaFMA>

➤ **Time Allocated for the Activity:** 15 Minutes.

**Assessment:** [Click Here to View the assessment result](#)



**Thanks for Facilitating Mutual Learning**

**Will be Happy to Keep in Touch**

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**badanbarman@gmail.com**

**www.lislinks.com**