

BHARATHIDASAN UNIVERSITY

Tiruchirappalli- 620024, Tamil Nadu, India

Programme: M. Master of Library and Information Science (M.LIB.I.Sc)

Course Title : Information Resources

Course Code: P21MLS2A

Unit-IV

Digital Information Resources

Dr. B. Jeyapragash

Professor

Department of Library and Information Science

What is an electronic resource?

- An electronic resource is any information source that the library provides access to in an electronic format.
- ❖ E- Resources are distribution of information in any electronic form such as CD- ROM, Floppy Disk or Magnetic tape or across a computer network like e-journals, E-Books, ETD etc.

Web Resource

A web resource is anything that can be obtained from the World Wide Web. Some examples are web pages, e-mail, information from databases, and web services.

Need of Electronic Resources

Electronic resources have great potential and bright future to attract users. It combines all the benefits of the multimedia, digital coding and Internet. It enable user to carry everywhere and can be read on all types of computers including handled device.

- **&** E- Resources can be downloaded instantly.
- ❖ Users can read an e- resource any time
- ❖ Due to portability, e-resources can be taken any where on portable computer.
- ❖ Font size can be changed suitably

Cont...

- E- resources provide facility to hold and turn pages easily
- Physically disabled users can hear audible E- resources
- In buying E- resources, the overhead charges like shipping, postal, handling are totally ruled out
- Some E- resources are interactive
- E- Resources have back round music and animations.
- E- resources do not require bindery and repair
- E- resources save human resources for shelving and rectification
- User can not misplace e- books

Characteristics of E-Resources

- Access to every document by anyone; from any where
- * Retrieval of e-resources is quicker than print resources
- The users can be guided to the document by providing a link.
- Easy to search the text
- ❖ The collection available in electronic format can be of any media.
- ❖ In electronic environment the interaction between user and librarian is frequent.
- ❖ The software can help the users in retrieving the desired information

Structure of E-Resources

- **❖** HTML Format
- **❖** PDF Format
- * TIFF
- **CHM** Format
- Post Script Format
- * Rich Text Format etc.

Type of e-resources

- **&** E-Books
- **&** E-Journals
- **&** E-Zine
- ❖ E-Thesis and dissertation (ETD)
- **E-News Papers**
- **&** E-Reference books
- Databases
- Subject gateways
- Portals

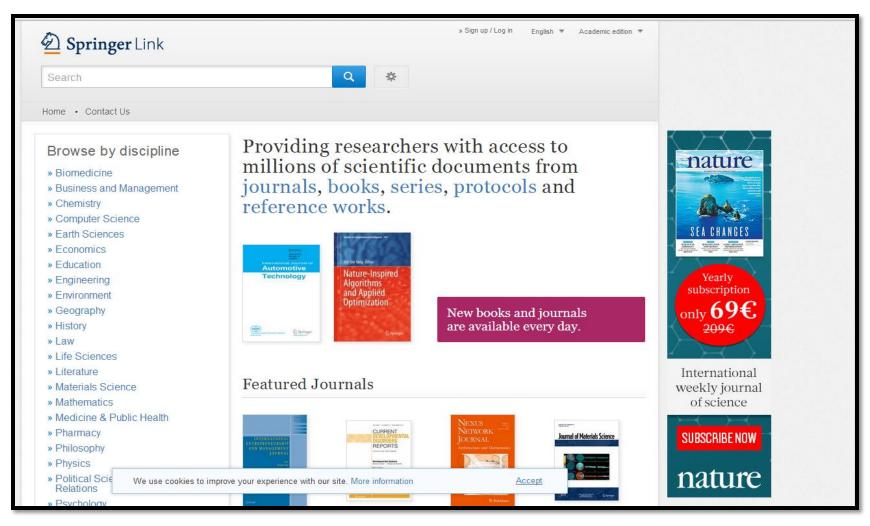
E-Books

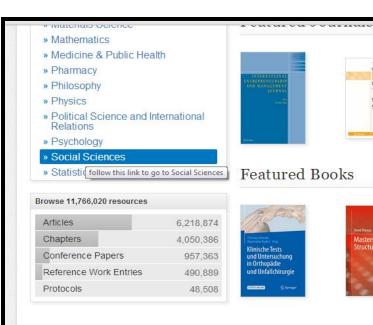
An electronic book (e-book) is a digital publication that can consist of text, images or a combination of both. An electronic book can be read on a special device (an e-reader) or on a computer, which requires special software.

Examples of E-books

- www.digitalbookindex.com
- https://www.gutenberg.org/
- https://free-ebooks.com/
- https://link.springer.com/

Springer E – Books https://link.springer.com/















Featured Books





Help & Contacts





Over 10 million scientific documents at your fingertips

Our Content

Journals

Book Series

Protocols

Books

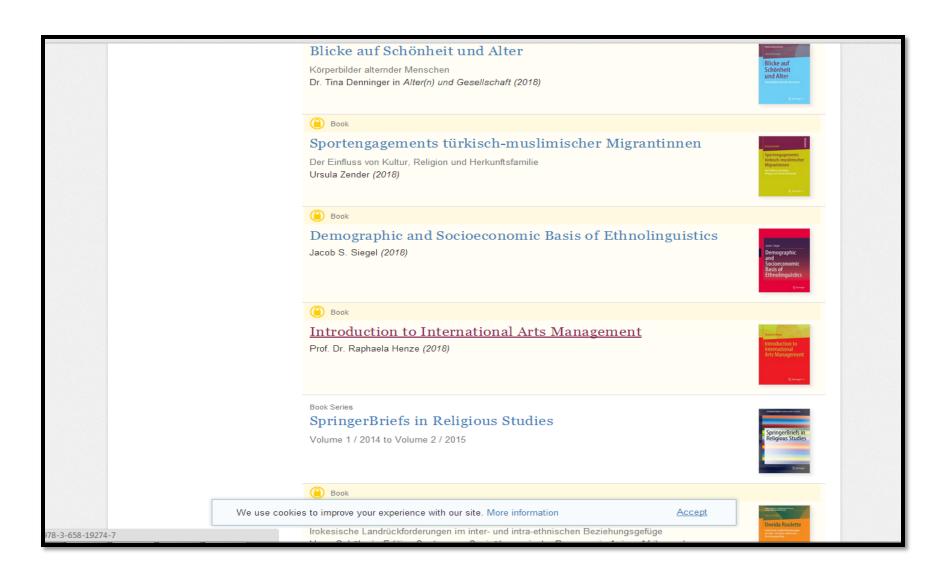
Browse by Discipline

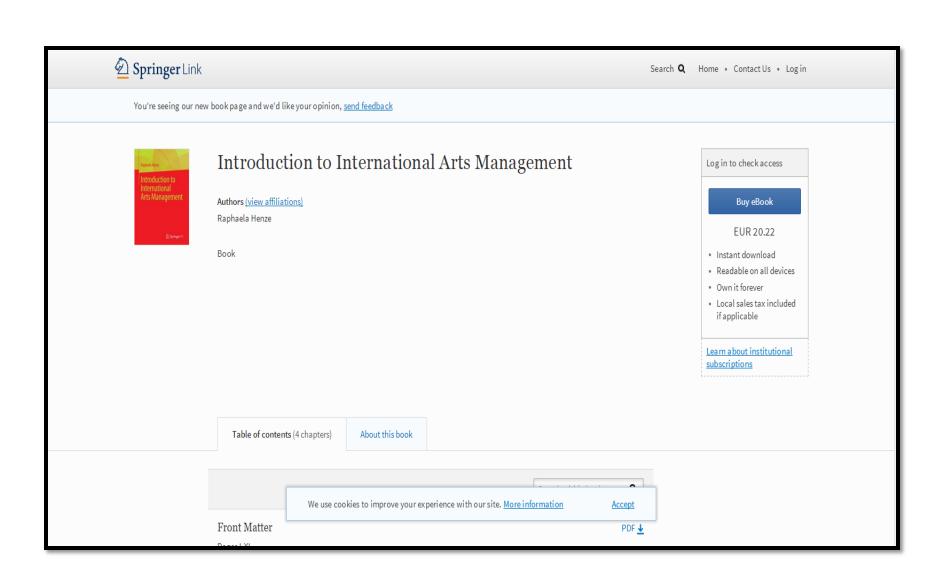
Springer.com Contact Us SpringerProtocols Impressum SpringerMaterials AdisInsight Reference Works

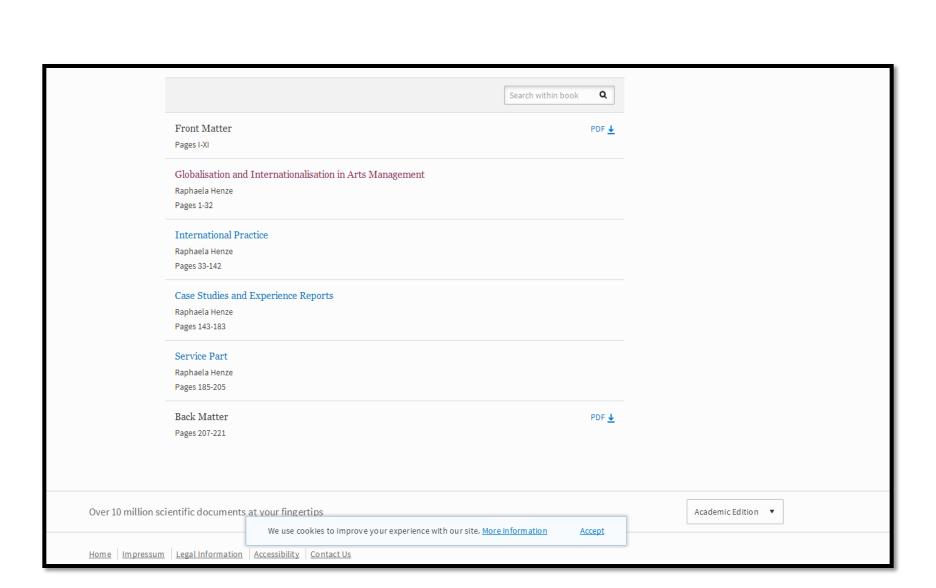
We use cookies to improve your experience with our site. More information

Other Sites

Accept

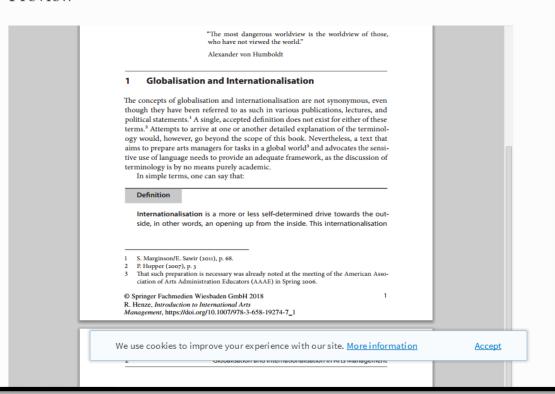


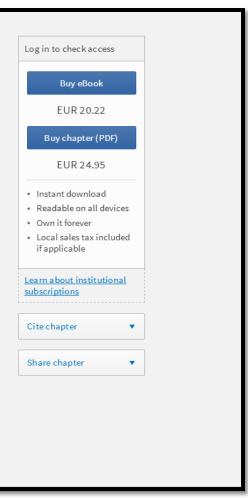




single, accepted definition does not exist for either of these terms. Attempts to arrive at one or another detailed explanation of the terminology would, however, go beyond the scope of this book.

Preview





E - Journals

An e-journal is processed published and distributed all over the world by electronic network.

An e-journal (electronic journal) is a journal published online.

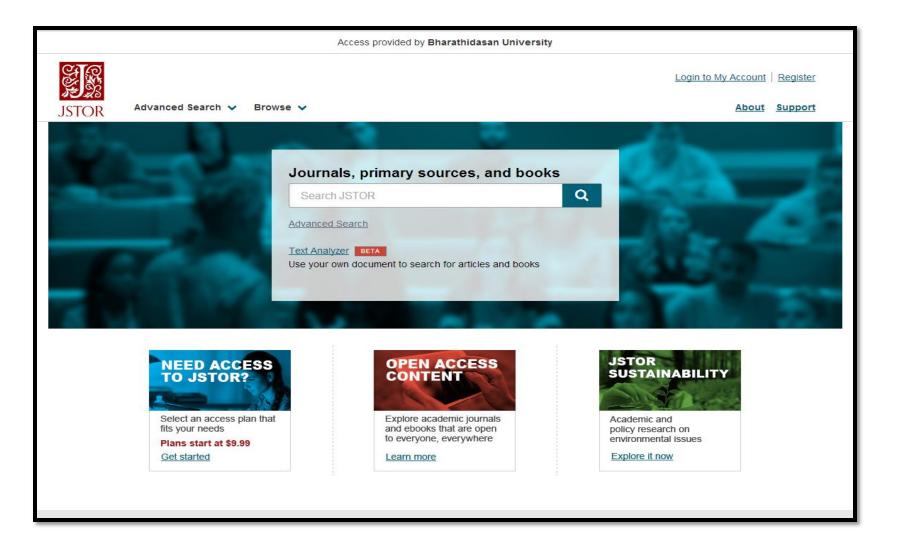
Electronic journals are scholarly journals or magazines that can be accessed via electronic transmission.

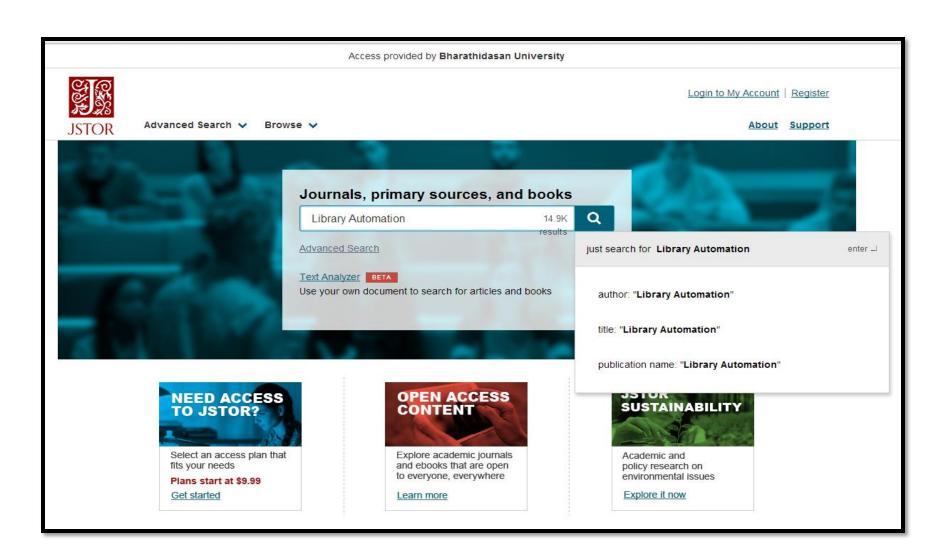
Major electronic journal publishers are following:-

- **❖** JSTOR
- Blackwell Publishers
- Springer Verlag & Kluwer
- American Chemical society etc

JSTOR

http://www.jstor.org/





Refine Results	Showing 1-25 of 13,3	Showing 1-25 of 13,307				
Search Within Results:	Sort by: Relevance	☐ Show snippets	Export Selected Citations	~		
Search within results Q	¥					
Update Results	JOURNAL ARTICLE Library Automatic	<u>on</u>		Download PDF		
Content Type:		Marc Chauveinc, Rosemary Plater-Zyberk Clark The Journal of Library History (1974-1987), Vol. 19, No. 1, Library and Information Science in France: A 1983 Overview (Winter, 1984), pp. 103-123				
Journals (13,279) Books (27)						
Pamphlets (1)		Topics: Cataloging, Automatic control, Computer software, Software packages, Computer systems, Academic libraries, Bibliographic records, Union catalogs				
Publication Date: (yyyy or yyyy/mm or yyyy/mm/dd)						
From To		Bibliography of Library Automation		Download PDF		
		Alice Billingsley American Libraries, Vol. 3, No. 3 (Mar., 1972), pp. 289-312				
	Topics: Academic libraries, Library operations, Library automation, Library			Cite this Item		

Education (890) Environmental Science (153)	Sort	by: Relevance	☐ Show snippets	Export Selected Citations	~	
Feminist & Women's Studies (24) Film Studies (14) Finance (65) Folklore (7) General Science (1,958)		•	omatic control, <u>Data processing</u> , <u>Production</u> s, <u>Public libraries</u> , <u>Books</u> , <u>Cataloging</u>		Cite this Item	
Geography (87) Health Policy (28) Health Sciences (288) History (722) History of Science & Technology (352) Horticulture (2) International Relations (66) Irish Studies (8) Jewish Studies (20)		Andrew K. Pace American Libraries, Vol. 35, No. 11 (Dec., 2004), pp. 64-65 Add to			Download PDF Add to My Lists Cite this Item	
Labor & Employment Relations (298) Language & Literature (366) Latin American Studies (36) Law (642) Library Science (4,117) Linguistics (233) Management & Organizational Behavior (366) Marketing & Advertising (50)		JOURNAL ARTICLE Library Automation: "tomo MEG ALA Bulletin, Vol. 61, No. 6 (Jun Topic: Library automation			Download PDF Add to My Lists Cite this Item	
Mathematics (135) Middle East Studies (50) Music (352) Paleontology (2) Peace & Conflict Studies (8) Performing Arts (9) Philosophy (123) Political Science (357) Population Studies (75)		JOURNAL ARTICLE Review Library Automation Systems by Review by: J. Michael Bruer Computers and the Humanities,	Stephen R. Salmon Vol. 11, No. 2 (Mar Apr., 1977), pp. 124-1	25	Download PDF Add to My Lists Cite this Item	

Access provided by Bharathidasan University





Search JSTOR

All Content



Advanced Search >

Browse 🗸

About Support



« Back to Search Results

The Journal of Library History (1974-198... / Vol. 19, No. 1, Winter, 1984 / Library Automation



JOURNAL ARTICLE

Library Automation

Marc Chauveinc and Rosemary Plater-Zyberk Clark
The Journal of Library History (1974-1987)
Vol. 19, No. 1, Library and Information Science in
France: A 1983 Overview (Winter, 1984), pp. 103-123

Published by: <u>University of Texas Press</u> Stable URL: http://www.jstor.org/stable/25541493 Page Count: 21

Topics: Libraries, Cataloging, Automatic control, Computer software, Software packages, Computer systems, Academic libraries, Bibliographic records, Union catalogs, Library operations

Download PDF

Add to My Lists

Cite this Item

Journal Info

Articles About the Same Topics

Library Automation

Cataloging ... Reading rooms ...

Software law III Robotics

Keypunch cards ... Library management ...

Card catalogs ... Dictionaries ...

Domain name system ... Computer software ...

Packaging Databases

Publishing industry ... Newspapers ...

Fixed exchange rates ...

Records management | Systems engineering |

Bulletin boards ... Data management ...

Operating systems

Automation in American Libraries

Reading rooms ... Cataloging ...

Keypunch cards ... Card catalogs ...

Robotics ... Library management ...

Dictionaries III Systems engineering

Newspapers ...

Article Thumbnails References

« Previous Item | Next Item »

Library Automation

Marc Chauveinc

In order to make this presentation clearer, it seems preferable to limit it to libraries and to the automation of library operations within the libraries themselves, and to exclude all research, experiments, and implementation taking place in France in the area of documentation, that is, in the construction of bibliographic databases (containing citations, and in some cases abstracts, of journal articles) as well as the use of these databases.¹

Much has been done in France on this subject, from the building of databases for institutions such as the Centre National de Recherche Scientifique (CNRS—National Center for Scientific Research) and the Institut du Cancer (Cancer Institute), the development of thesauri and of logiciels d'interrogation (query softwares), the implementation of physical telecommunications networks (TRANSPAC and EURONET), and the commercialization of databases on serveurs (bibliographic utilities—TELESYSTEMES, G. CAM...) all the way to the installation of terminals in libraries and the training of staff. This work is important but does not yet affect library automation.³

Library automation experienced a relatively early development

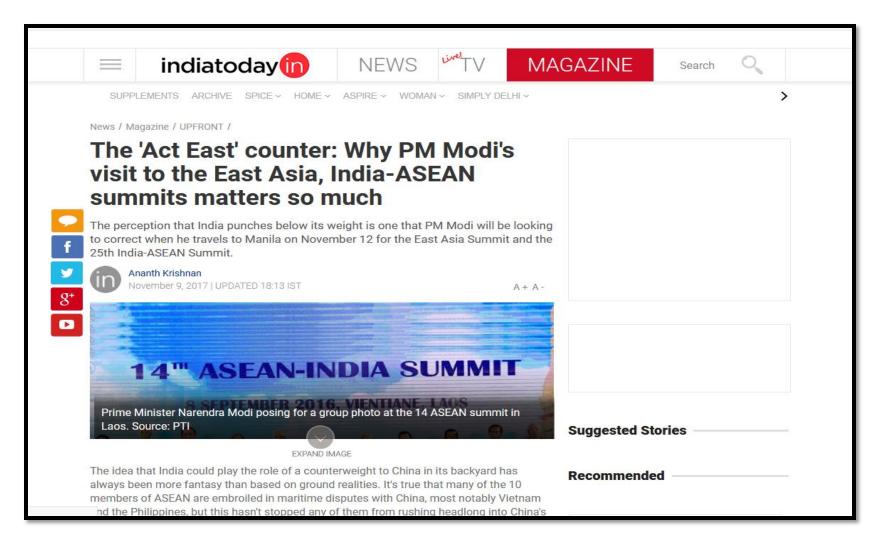
E-Zine

E-Zine means electronic magazine and it is also called web- Zine. The articles that are stored of a file server may be distributed or accessed via a computer network.

Examples of E-Zine

* www.indiatoday.com

India Today www.indiatoday.com



E-Thesis and dissertation (ETD)

- An ETD is an electronic **thesis** and **dissertation** that explains the intellectual works or research of a researcher.
- An electronic thesis and dissertation (ETD) is a digital version of research report by the researcher.

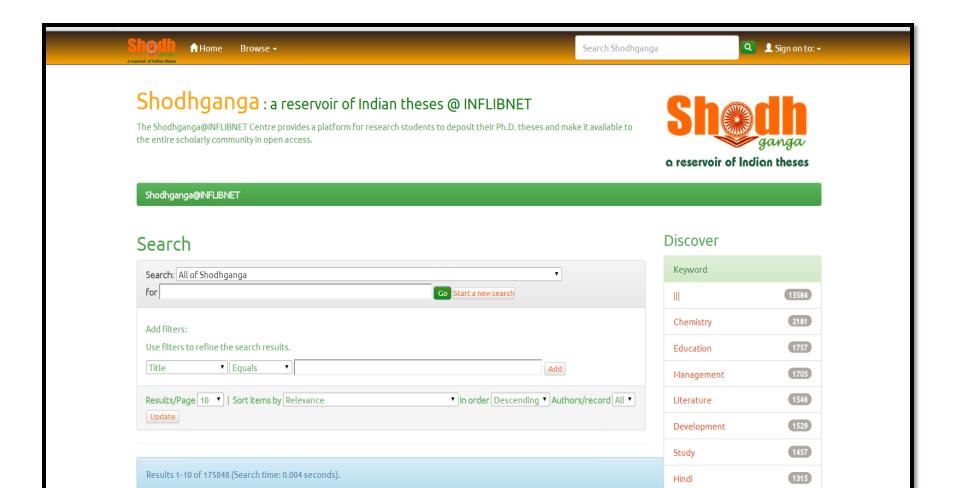
Examples of E-Thesis and dissertation (ETD)

- http://www.ndltd.org/
- http://shodhganga.inflibnet.ac.in/

Shodhganga

http://shodhganga.inflibnet.ac.in





Shodhganga: a reservoir of Indian theses @ INFLIBNET

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.



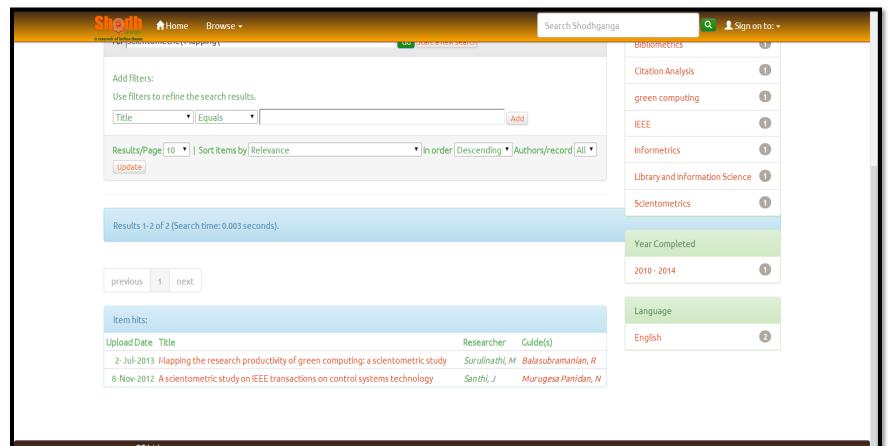
Shodhganga@INFLIBNET

Search

Search: Bharathidasan University for Scientometric Mapping	Go Start a new search
Add filters: Use filters to refine the search results. Title Title Title	Add
Results/Page 10 • Sort Items by Relevance Update	▼ In order Descending ▼ Authors/record All ▼
Results 1-10 of 175848 (Search time: 0.004 seconds).	

Discover

Keyword	
III	13584
Chemistry	2181
Education	1757
Management	1705
Literature	1546
Development	1529
Study	1457
Hindi	1315



are drawing high interest among IT organizations as well as suppliers, manufacturers and service providers. With the rapid run up of energy costs and a broadening awareness of the impact of global climate change, IT organizations are looking for strategies to offset rising costs and use technology in ways that reduce their environmental impact. By keeping this view in mind, the researcher intends to undertake the study on Mapping the Research Productivity of Green Computing: A Scientometric Study. This study attempts to analyse the performance of researcher working in the field of Green Computing in terms of growth rate, areas of

research concentration, authorship pattern, scattering of articles in different sources, and Institution wise distribution.

Pagination:

Appears in

URI:

201p.

http://hdl.handle.net/10603/9631

Department of Library and information Science



Appears in Department of Library and information Science Departments:

Files in This Item:				
File	Description	Size	Format	
01_title.pdf	Attached File	140.85 kB	Adobe PDF	View/Open
02_certificate.pdf		106.81 kB	Adobe PDF	View/Open
03_declaration.pdf		104.45 kB	Adobe PDF	View/Open
04_contents.pdf		52.79 kB	Adobe PDF	View/Open
05_list of tables.pdf		71.33 kB	Adobe PDF	View/Open
06_abstract.pdf		60.69 kB	Adobe PDF	View/Open
07_acknowledgements.pdf		51.5 kB	Adobe PDF	View/Open
08_list of abbreviations.pdf		13.78 kB	Adobe PDF	View/Open
09_abstract.pdf		47.99 kB	Adobe PDF	View/Open
10_chapter 1.pdf		436.37 kB	Adobe PDF	View/Open
11_chapter 2.pdf		495.83 kB	Adobe PDF	View/Open
12_chapter 3.pdf		689.44 kB	Adobe PDF	View/Open
13_chapter 4.pdf		4.25 MB	Adobe PDF	View/Open
14_chapter 5.pdf		389.43 kB	Adobe PDF	View/Open
15_bibliography.pdf		399.5 kB	Adobe PDF	View/Open

Show full item record 🚹

MAPPING THE RESEARCH PRODUCTIVITY OF GREEN COMPUTING: A SCIENTOMETRIC STUDY

THESIS SUBMITTED TO BHARATHIDASAN UNIVERSITY IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF

DOCTOR OF PHILOSOPHY IN LIBRARY AND INFORMATION SCIENCE

M. SURULINATHI
M. Com., MLIS., M. Phil., PGDCA., HDNCC.,
(Ref. No: 32450/Ph.D./Lib.& Info. Sci./Part-Time/Oct 2009)

RESEARCH ADVISOR

Dr. R. BALASUBRAMANI
MLIS., M. Phil., Ph. D.
Assistant Professor



DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

Electronic News Papers

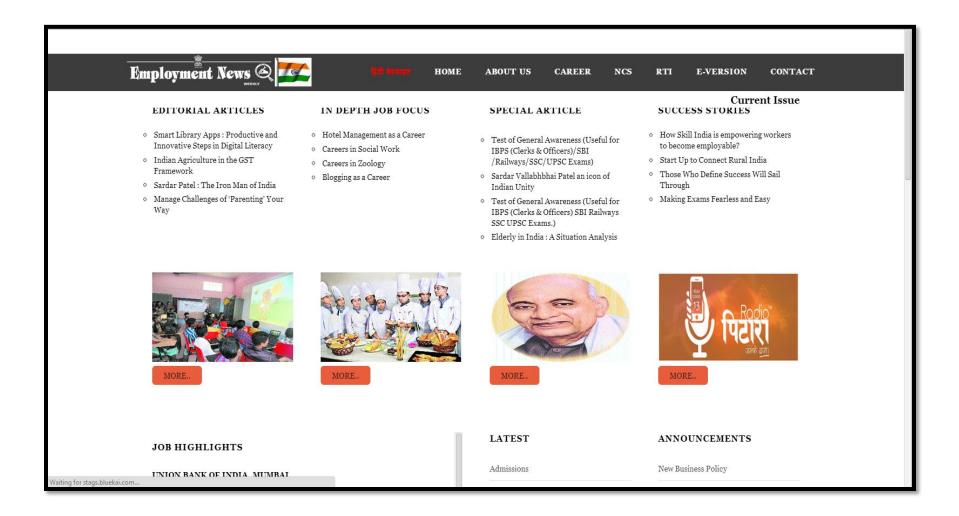
Like ETD, an electronic newspaper is a self contained, reusable, and refreshable version of a traditional news paper that acquires and holds all information in the news paper electronically.

Examples of Electronic News Paper

http://employmentnews.gov.in/newemp/home.aspx

Employment News

http://employmentnews.gov.in/newemp/home.aspx



E-Reference books

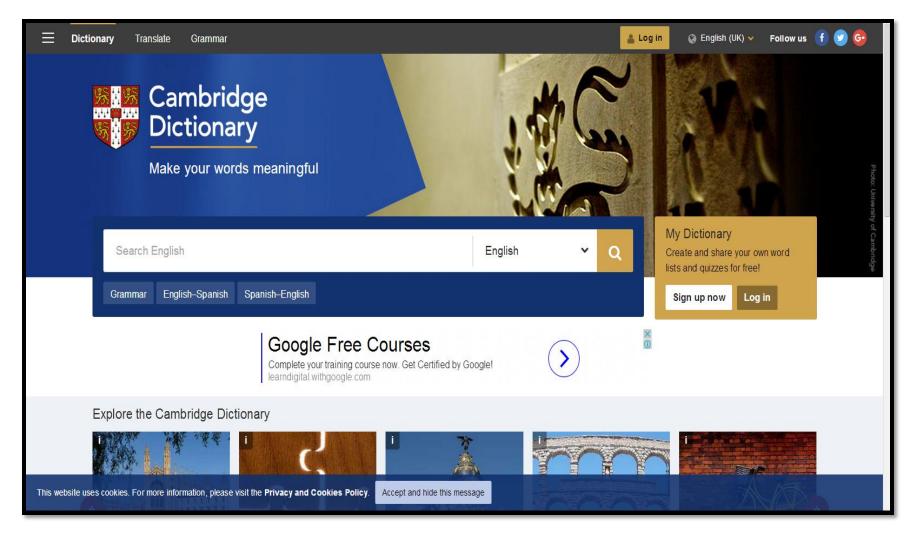
Many reference books are also brought out in CD-ROM formats and available online through payment. There are a number of reference sources available freely on-line through Internet.

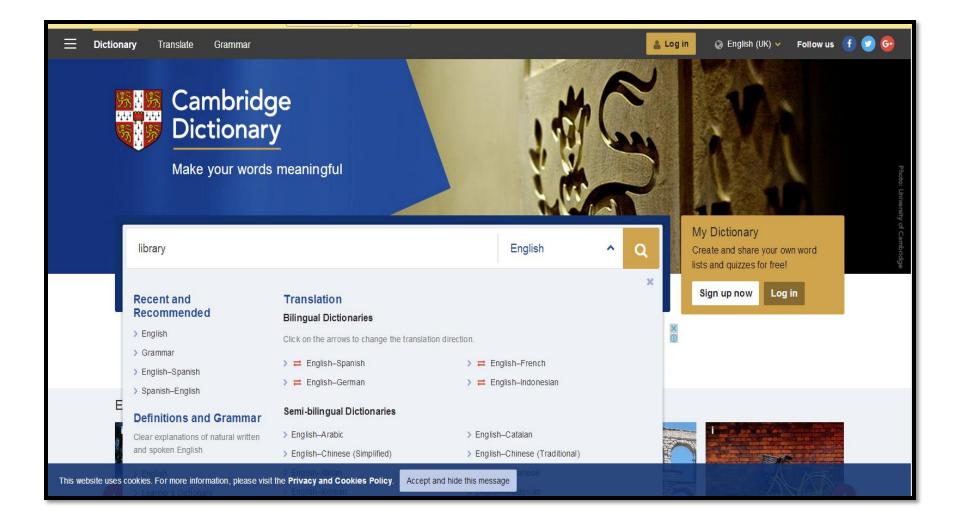
Examples of E-Reference books

- http://www.britannica.com/
- http://dictionary.cambridge.org/

Dictionary

http://dictionary.cambridge.org/





library

noun [C] • UK (1) / laɪ.brər.i/ US (1) / laɪ.brer.i/

(2) (A2) a building, room, or organization that has a collection, especially of books, for people to read or borrow, usually without payment:

a public/university library a library book

a collection or set of books or other things, all produced in the same style or about the same subject:

the Penguin Shakespeare Library

- More examples

The library has three levels, with a conference centre at ground level.

This library loans books, CDs and videotapes.

Jill spent the past few months doing research in the library.

A date stamp inside the front cover of a library book shows when it should be returned.

The council has decided that the local public libraries will close on Mondays.

+ Thesaurus: synonyms and related words

(Definition of "library" from the Cambridge Advanced Learner's Dictionary & Thesaurus © Cambridge University Press)

Translations of "library"

in Snanish

hiblioteca

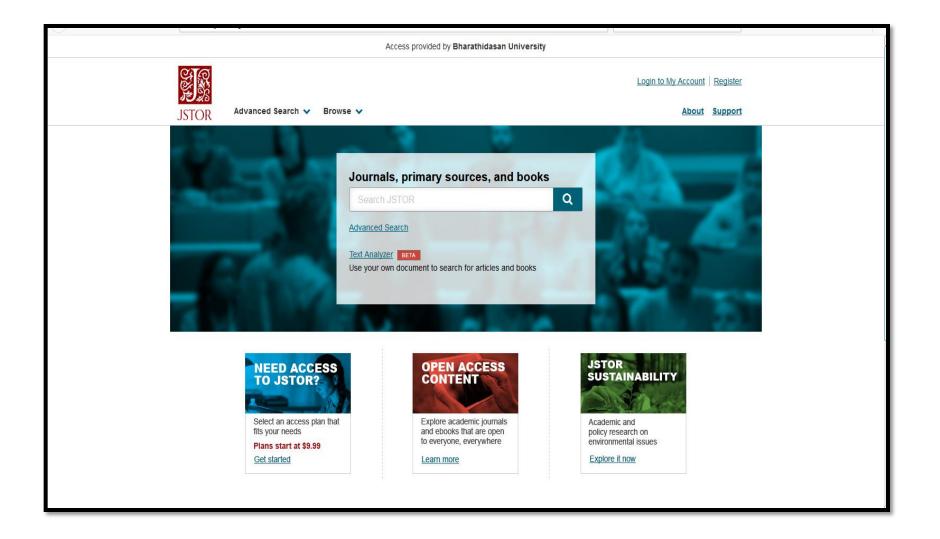
Library Database

- A library database is an electronic collection of records containing either full-text documents (text, video, music), citations, or abstracts of articles (or chapters in books).
- Library databases contain information from published works, it can be searchable and provides citation information. It also it contains full-text, and abstracts of articles.

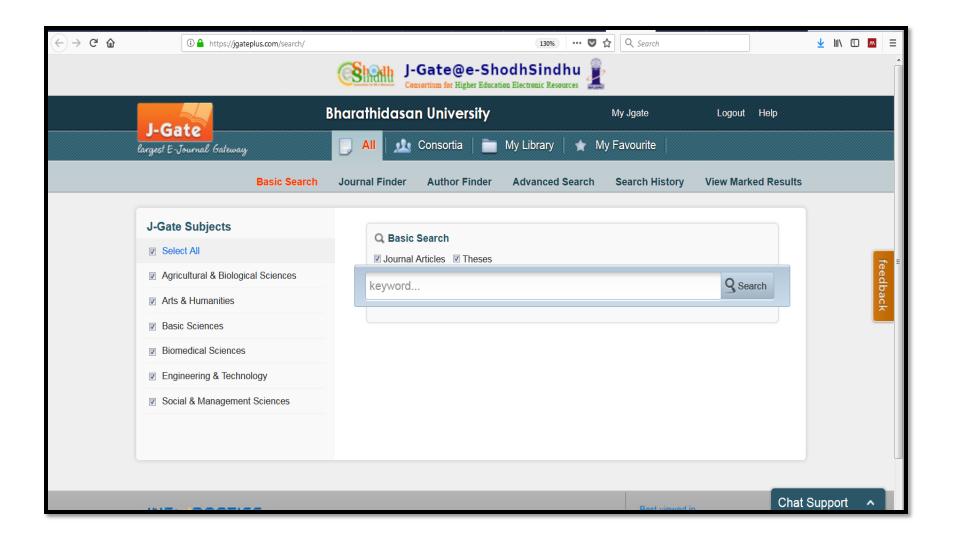
Example of Databases

- ❖ Full-Text D a t a b a s e s
- *Bibliographic Databases
- Numerical Databases
- Citation Databases

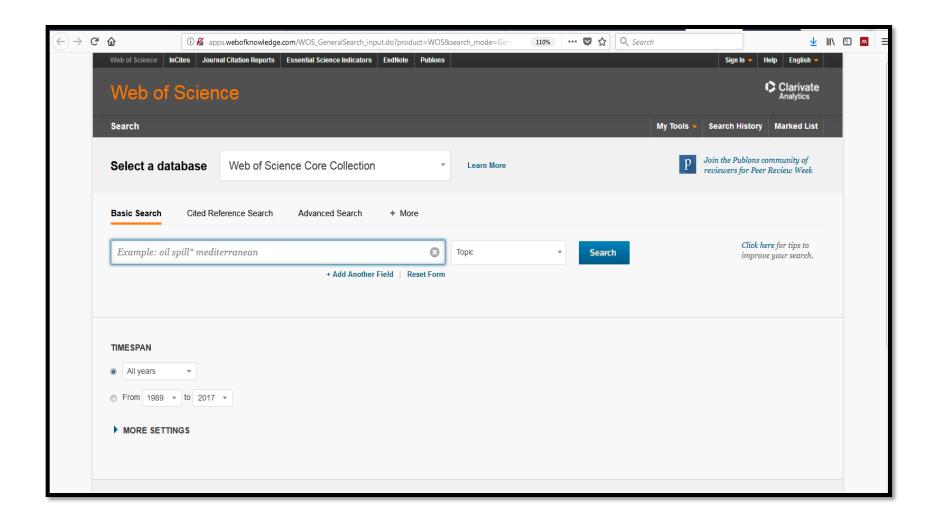
Full-Text Database



Bibliographic Database



Citation Database

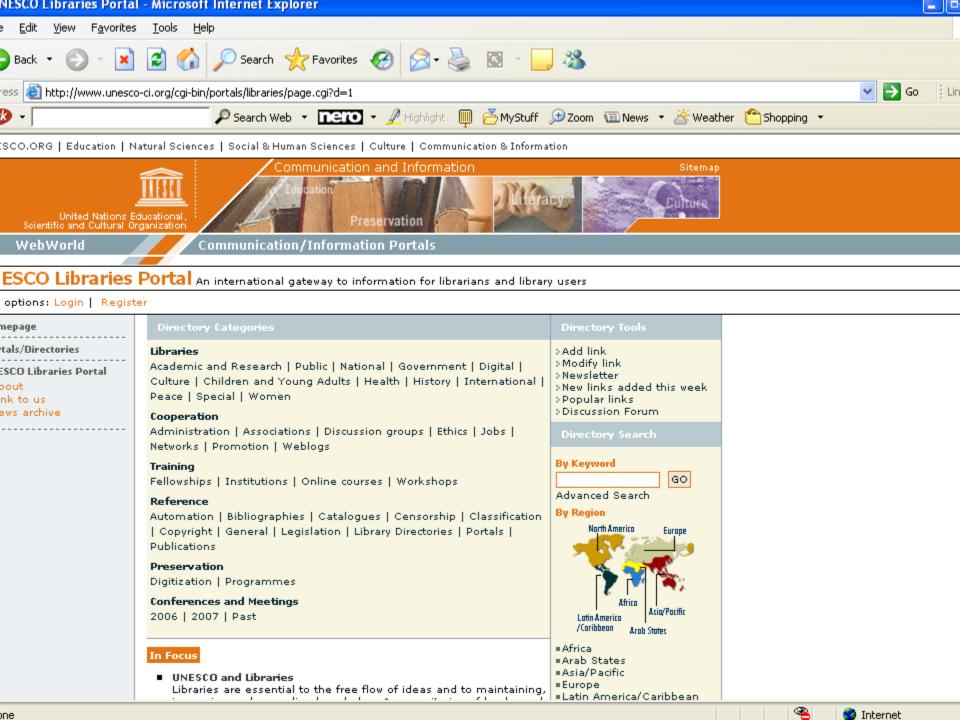


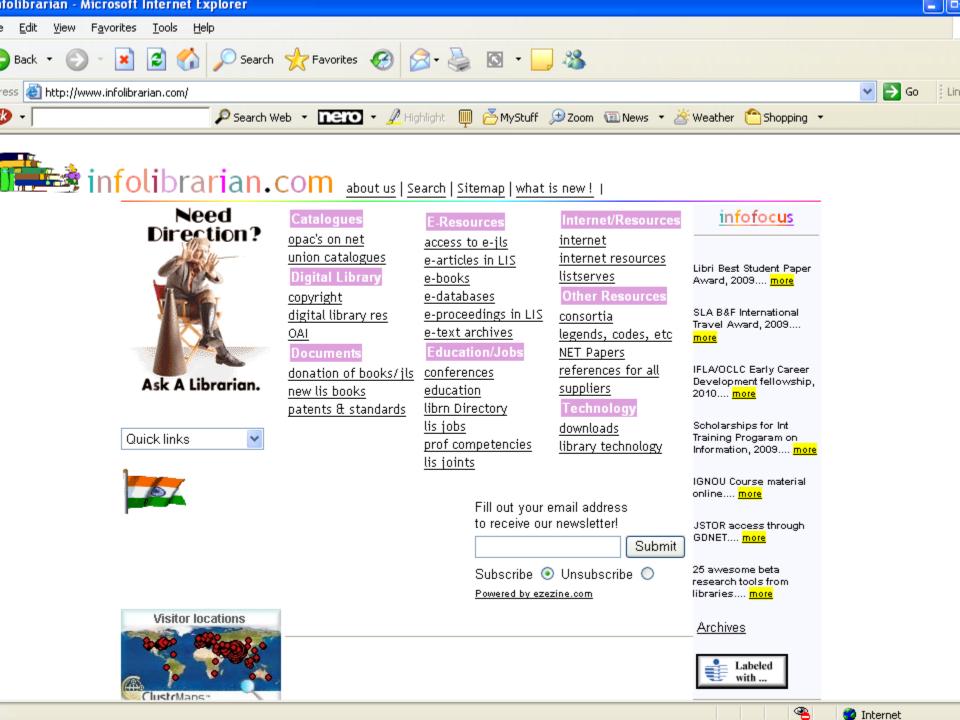
Subject gateway

- ❖ A subject gateway is an internet site which arranges and provides links to useful web resources.
- * "Subject gateways are online services and sites that provide search and browse catalogues of Internet based resources. Subject gateways will typically focus on a related set of academic subject areas."

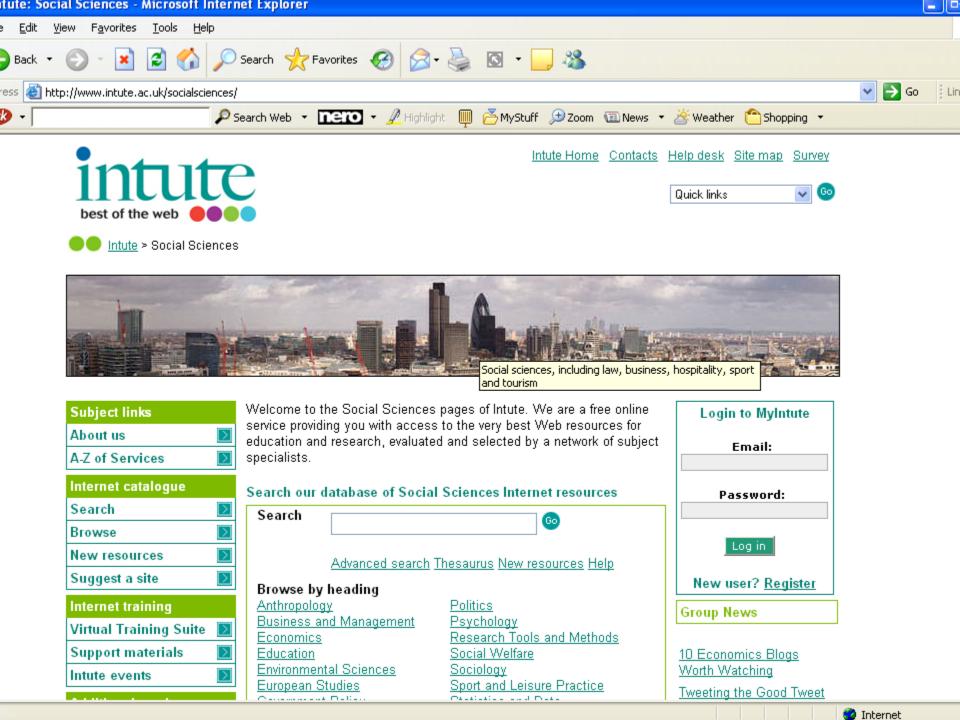
Portal

A portal as a "gateway to web access" or "a hub from which users can locate all the web content they commonly need." Portals include personalization, search, channels and links, and that desirable elements are customization, role-based models, and workflow.









Advantages

- Simultaneous access by more than one user
- Provide quick access
- Support searching capabilities
- Links to related items
- Save physical storage space
- Contains multimedia information
- ❖ Do not require physical processing
- * Environment friendly

Cont...

- * Ease of downloading
- ❖ On-line submission (article)
- Wider dissemination
- Security
- * Automatic alerting service
- * Access to Non-subscribed Materials (open Access)

Disadvantages

- **&** E-resources require special devices or personal computers
- E-resource reading devices are surely more expensive than printed books
- Screen glare and eyestrain are a serious concern for many potential users
- Reading from a computer lacks the familiarity and comfort of reading from a book.
- **E-** Resources have unreliable life span.
- ❖ Many titles that are available in traditional print books are not yet available in an electronic book format.
- New technologies always require time, experience, and money in order to take full advantage of its capabilities.

