CENTRAL SCIENCE LIBRARY STATUS REPORT 2007-2008

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CENTRAL SCIENCE LIBRARY

ABOUT LIBRARY

The emergence of Central Science Library (CSL) dates back to 1981 prior to that, it was a part of Central Reference Library (CRL), Delhi. However, the need to have a separate Science Library was shown much earlier by Carl M. White in 1966 who recommended "that a Science Library be created to serve the departments, which consist of Faculty of Science and that the collection now maintained by these departments and related material in the main library be used to form the nucleus of the new library. A Science Librarian of outstanding ability be employed to take charge of it and that a new building be erected to house the library".

With the growth of the University, the membership of Central Library was also increasing continuously, as a result in due course of time with increasing membership and their changing information needs, it became inconvenient for Central Library to serve the users, belonging to the faculty of science effectively. So CSL was separated from CRL and housed in a separate building to serve members of science faculty .The three-storied building having a carpet area of 22,595 sq. feet with a sitting capacity of 185 seats started functioning independently with effect from 8th April 1981. The administration of CSL is under the Dean of the faculty of science.

Library Building
The Central Science Library is situated in the vicinity of Science Departments viz Anthropology, Botany, Zoology, Physics, Chemistry, Geology, Environmental Biology and others. The three storeyed library building in red stone and concrete is located in beautiful surroundings of parks, flowers and ornamental trees amidst various science faculties. It is just opposite to and very near to Delhi University Computer Centre. Hence it would always facilitate in its modernization.

It has a total carpet area of 22,595 sq feet and it offers a congenial environment for study and research. The total capacity of the library is about 185 seats with reading halls on 1st and 2nd floors. The library has been organized as follows:-

Ground Floor
The ground floor of the library has the Incharge Room, Issue/Return Counter, Membership, Internet Access Facility, Public Catalogue, Acquisitions Section, Processing Section, textbooks collection and the Reference desk.

First Floor
The first floor of the library has the Periodicals Section. It has three stack areas and display of new journals and a reading room where current issues are arranged alphabetically. Presently the Library is subscribing to 350 journals. The photocopy facility is also available on this floor. The 1st stack hall contains journals in Biological and Chemical and Earth Sciences. The 2nd stack hall contains journals in Physical, Chemical, Mathematical and Natural Sciences.

Second Floor

The 3rd stack hall contains books and journals published before 1970, A/Cs & establishment & binding section.

Library Staff

S.No.	Name	Designation	Work Area
1.	Dr. S C Jindal	Incharge	Over all supervision of CSL
2.	Ms. Suman Bhatiani	Assistant Librarian	Readers services
3.	Mr. U N Mathur	Assistant Librarian	Technical services
4.	Ms Neelayadakshi	Professional Assistant	Periodicals Section
5.	Ms Pramod Lata Sharma	Professional Assistant	Technical services
6.	Mr. Ram Prasad	Professional Assistant	Circulation (Evening)
7.	Mr. C R Banduni	Semi- Professional Assistant	Membership & Reference work
8.	Mr. M R Yadav	Semi- Professional Assistant	Readers services
9.	Mr. Madhusudan	Semi- Professional Assistant	Technical services
10.	Mr. Shamsher Bahadur	Semi- Professional Assistant	Periodical work (Evening)
11.	Mr. R C Sharma	Library Attendant	Periodical work
12.	Mr. Noor Mohmad	Library Attendant	Circulation work
13.	Mr. S C Taanck	Frash	Check Point work

Departments Served By CSL

The CSL is situated in the north campus of the University of Delhi to serve the needs of 13 departments of science faculty. These are as follows

S.No.	Department
1.	Ambedker Centre for Biomedical Research
2.	Department of Agrochemicals and Pest Management
3.	Department of Anthropology
4.	Department of Botany
5.	Department of Chemistry
6.	Department of Computer Science
7.	Department of Environmental Biology
8.	Department of Environmental Management of Degraded Ecosystems
9.	Department of Environmental Studies
10.	Department of Geology
11.	Department of Mathematics
12.	Department of Operational Research
13.	Department of Physics and Astrophysics
14.	Department of Statistics
15.	Department of Zoology

__Library Hours/ Timings__

The Library functions for nearly twelve hours during most of academic session. Library hours are subject to change and all changes in timings are notified on the notice board well in advance.

The Library remains open round the year except Republic Day, Holi, Independence Day and Gandhi Jayanti. The Library Hours are as follows:

Days	Timings
Monday to Friday	9 AM to 8 PM
Saturdays & Holidays	9 AM to 5 PM
Sundays (During Semester Examinations)	9 AM to 5 PM

LIBRARY BUDGET

The total budget of CSL Periodicals is Rs.245 lakhs and Rs.35 lakhs are for books. Besides these, library receives special grants eg. NBHM, COSIST, SAP, PLAN etc. for various departments every year. The library also has a grant of Rs. 9.5 lakhs under the head 'Internet Access Facility' to maintain and provide the Internet facilities. CSL has generated Rs.20,80,400/- as Library Development Fund since 2000-01 and Rs.6,31,970/- Internet Access Facility since 1998.

LIBRARY COLLECTION

The library has a total collection of about 1 lakh 80 thousands volumes including books and bound journals. Some of the collections are also available in the form of CDs and floppies purchased as well as received along with the books. The books for various advanced centers are purchased and processed in CSL and then sent to them. The library is subscribing to 420 foreign and Indian journals. The rare book section is housed on top floor of the library.

OPEN ACCESS COLLECTION

The members have the privilege of direct access to shelves in the stack halls for general books collection. It is important that the arrangement of books be maintained on the shelves for the convenience of members themselves. While books can be freely taken out of the shelves and on no account should they be reshelved by the members because of the danger of their misplacement.

TEXTBOOK COLLECTION (CLOSE ACCESS)

Science Library Text Books Section contains reading materials covering prescribed readings, recommended readings allied and relational readings and such other reading materials as may be considered important for placement along with such text-related materials.

Minimum one and even more copies as may be considered necessary be retained in the text-book collection 'For Consultation only'.

Text Book Section is operated through the page service by the Library Staff and is not open to access by users.

Books are issued for 3 days from this section. Only the ticket marked No. 1 (Text Book) shall be used for borrowing books from this section.

PERIODICALS DEPARTMENT

Periodicals collection of Central Science Library is housed in the 1st & 2nd floors. CSL is subscribing to 420 learned and Scientific periodicals including abstracting and indexing databases viz. Sci-Finder Scholar, MathSciNet, INSPEC, SCOPUS, JCCC etc. in addition to print subscriptions, CSL has online access to more then 62 databases covering approximately 6000 full text journals, Indexing and Abstracting databases and Public Domain resources. A complete listing along with hyperlink is available at CSL website. http://csl.du.ac.in.

Bound volumes of journals are arranged according to Colon Classification Scheme same as used for Books. Loose issues are arranged broadly by subject and within subject alphabetically.

'Current list of Subscription' which is revised annually and a Holding List of periodicals is available in Science Library and kept at the Counter of Periodicals Section for locating availability of journals in CSL. The lists are accessible through CSL website http://csl.du.ac.in.

Periodicals Section through National Union Catalogue of Scientific Serials in India (NUCSSI) and Developing Library Network (DELNET) helps its clientele in identifying availability of Journals in other libraries in Delhi and makes efforts in acquiring a photostat copy through e-mail attachment.

LIBRARY MEMBERSHIP

Postgraduate, M.Phil. and Ph.D. Students, and Faculty members of the above mentioned discipline and college teachers of the same disciplines are eligible for the membership of the Library. They have to get their memberships renewed every year, as all memberships are valid only for one academic year i.e. from July-June. In no case membership is valid for more than one academic year.

A schedule for the registration of eligible members is notified to the concerned University Departments and colleges by the Library in the month of July every year.

Application for membership is to be made on the prescribed form obtainable from the membership section of the Library on production of the Identity cards (Identity Cards not applicable in the case of faculty members).

Applicants are required to obtain a recommendation on the application form from the Principal of the College or the Head of the Department of the University as the case may be.

Membership (2007-08)

Faculty Members	99
College Members	136
Research Scholars	229
M. Phil. Students	132
Post Graduate Students	1444
Special Membership	10
Total Membership	**2050**

SERVICES PROVIDED BY CSL

Library is essentially a service organisation to cater to information needs of its users. CSL acquires the documents, processes and organizes them on the shelves for purposeful utilization of its resources and provides various useful services to its users. The various services provide by the library are given below

CIRCULATION

It is one of the most popular services of the library .It is also called lending service as books are lent or issued to the users by circulation section according to users entitlement. Library is using a Brown Charging System for charging and discharging of books. The general books and journals can be accessed through open access while textbooks are in close access and are issued for 3 days only. On an average 250 books issued and about   600 books are given for consultation against I-Card per day.

➢ *BOOKS RESERVATION*

When a particular book required by any user is already issued out, then issue and return counter staff writes down the name of the user and details of that book in a register maintained by them (very shortly such reservation will be undertaken online). When a reserved book is returned back, then if that book belongs to "only for consultation" category then it is retained by 1 day for the user who has reserved it. If the book belongs to "Text Book Section" it is retained till the next day and if the book belongs to "General Category" then it is retained for 3 days.

➢ *RENEWAL/REISSUE*

Any book may be renewed/reissued on its due date provided, it is not reserved by any other user or it is in heavy demand.

➢ *BOOK BORROWING SYSTEM*

On each occasion the book is borrowed, a library ticket is to be given at the Issue Counter and the Identity Card is to be shown. The Library ticket shall be generally restored to the members, when the book is returned, but the library ticket may be retained by the library staff, if any problem is detected at the time of return of the book, to be discharged only when the case settles.

➢ *CONDITIONS OF LOAN*

Reference books, rare books periodicals (loose issue and bound volumes) and such other reading materials as marked 'Not to be Issued', 'For Consultation Only' shall not be issued out on loan except with the special permission of the Librarian-In-Charge, Science Library.

Books on loan with members can be recalled by the 'Librarian In-Charge' at any time without assigning any reason thereof.

➢ *INTER LIBRARY LOAN (ILL)*

No library is self-sufficient today on account of ever increasing such information needs of research scholars and ongoing multi disciplinary research being conducted in the university. So when the required documents are not available in the collection of respective library, ILL facility is used to acquire documents from some other library, for the purpose of use and consultation by its scholars and teachers. Library on receiving written request from its members, arrange for its ILL by sending requisition to the particular library. Similarly CSL also lends documents to other libraries on ILL.

BIBLIOGRAPHICAL SERVICE

Such services provided to Faculty Teachers and Research Scholars selectively on demand both manually and online from ejournals.

DISPLAY OF LATEST BOOKS AND JOURNALS

Display of books and journals is a regular feature of the CSL, which keeps the users aware of the latest literature, and the development taking place in their fields of specialization. Latest issues of journals are being displayed alphabetically by the titles under broad subjects in the periodicals department. Books are displayed in the ground floor which is replaced by a new lot of books on a fortnight basis. CSL also sends some selected journals for display for 10 to 15 days to South Campus Library.

REFERENCE SERVICE

CSL has a provision for reference services. The users who approach the library with a reference query are provided with the required information or source of information. For document tracing facility, which is a part of reference, library maintains a register where users fill the information about the document to be traced such as a Call Number, name of the author and title etc. Usually library takes a few hours to trace the document. CSL staff has lot of information skill both online and manually to provide suitable reference service to users.

PHOTOCOPYING SERVICE

CSL has the provision of photocopying services through commercial photocopying service available to the users started in the year 1998 when CSL was finding it difficult to meet the user's demand. The demand of photocopying is very heavy and during the last financial year approximately 3.5 lakh pages from various journals and books have been photocopied. The CSL has enrolled with "Indian Institute of Science, Bangalore" for providing photocopy of articles from journals, which are available there on payment basis.

COMPUTERISATION

CSL library has 50 Personal Computers installed, and the computerization process of the library is in progress. The library is using Troodon software. Prior to Troodon, the CDS/ISIS software was used in acquisitions and cataloguing section. Now efforts are being made to shift entire database on Troodon. The computerization for the documents acquired from the year 1994 onwards is being done on a regular basis and the retrospective computerization is in progress. The CSL is actively engaged in rendering e-resource availability through helpdesk.du.ac.in or csl.du.ac.in on intranet.

INTERNET

The library is having Internet connectivity and the service initially was open to all research scholars of all subjects, teachers of faculty and colleges of the university, and now due to availability of Campus Wide Networking, other libraries and departments have their own networking facilities and hence now this facility is available to science stream clientele only. All Internet services like E-mail, browsing, and downloading are open to all the users. In some cases printouts of articles are also provided. Presently more then 62 databases and online journals from various publishers are available through IAF. A list of such online journals is on Delhi University Website under http://csl.du.ac.in, http://du.ac.in .

E-mail

The periodical section is taking advantage of e-mail services in day-to-day correspondence with the publishers, hence curtailing expenditure on foreign postage. Articles on request are sent or received through e-mail attachments.

Consultation Facility

➢ External Users

The university being central in character has provision to allow scholars of other universities to consult library resources free of cost. As a result more than 9,387 research scholars and teachers from universities like Agra, Indore, Meerut, Gorakhpur, Patna, Jaipur, Jodhpur, Chandigarh, Jammu, Punjab, Roorkee, Pune etc have consulted the library and a number of scientists and researchers from IIT, NPL, DESIDOC, INSA etc. Also regularly visited and consulted the library.

➢ CSL MEMBERS CONSULTING OTHER LIBRARIES

In 2007-2008 more than 3784 research scholars received the letter for permission from CSL for consultation and photocopying facilities from different libraries namely IIT, NPL, DESIDOC, INSA, CBT, IARI and NML. This facility provided by CSL results in avoiding duplication of journals and books and most of researchers prefer to go and consult other libraries themselves.

ONLINE SERVICES

CSL Network Helpdesk

Through University of Delhi intranet, one can access any information about CSL by typing http://.csl.du.ac.in Then we get a)CSL Status Report 2007-2008, b) Photo Gallery, c)List of E-Journals, d) List of CSL Serials Holding, e)List of Free Access Journals against Print, f)List of Online Journals (Publisher-wise), g)CSL Periodical Subscriptions- 2008, h)UGC-Inflibnet Resources , i) Contact Us

Online Databases

The following online journals and databases are available for access through campus wide network except otherwise mentioned.

1. ABI/INFORM Database *(DU Subscription)*
It is the world's best data base of management journals used by 42 of the top 50 business schools of the world. It has close to 3800+ journals and some other best known magazines and business resources and around 10,000 business dissertations as part of it.
http://proquest.umi.com/login/ipauto

2. <u>Academic Research Library (ARL)</u> (Proquest) *(DU Subscription)*
It is a core social sciences database with close to 3500 journals and around 2300 in full text with 8-10 years of back files with a very subject coverage from Fine Arts & Music to Philosophy, History, Literature etc.
http://proquest.umi.com/login/ipauto

3. <u>ACM Portal</u> *(DU Subscription)*
Portal of the Association for Computing Machinery: access the digital library and guide to computing literature in full text.
http://portal.acm.org

4. <u>American Chemical Society Publications</u> *(UGC INFONET)*
Online access to the 31 full-text journals and magazines of the ACS from volume - 1 from way back to 1879.
http://pubs.acs.org/about.html

5. <u>American Institute of Physics</u> *(UGC INFONET)*
Online access to 11 full-text Journals and magazines published by the AIP from volume - 1 onwards.
http://www.aip.org

6. <u>American Physical society</u> *(UGC INFONET)*
Online access to 8 full-text journals published by the American Physical Society from volume - 1 onwards.
http://publish.aps.org

7. <u>Annual Reviews</u> *(UGC INFONET)*
Annual reviews in 30 focused disciplines within the Biomedical, Physical, and Social Sciences provide full-text access up to Ten years back issues.
http://www.annualreviews.org

8. <u>BIOSIS Biological abstracts database</u> *(UGC INFONET)*
Access the biological abstracts database using WebSPIRS from Ovid Technologies. Biological Abstracts directs users to information on life science topics from botany to microbiology to pharmacology from over 4000 journals.
http://web5s.silverplatter.com/webspirs/start.ws?customer=c180484

9. <u>Blackwell Synergy</u> *(UGC INFONET)*
Blackwell Synergy holds the full-text content for most of Blackwell\'s journals, the majority of which are published on behalf of international scholarly and professional societies.
http://www.blackwell-synergy.com/servlet/useragent?func=showHome&type=journals&action=1

10. <u>Cambridge University Press Journals</u> *(UGC INFONET)*
Full-text Journals published by the Cambridge University Press in Humanities, Social Sciences and Science covering 1400 new publications annually since 1997 onwards.
http://journals.cambridge.org

11. <u>Cell Press</u> *(UGC INFONET)*
Nine cell biology full-text journals: cell, immunity, neuron, molecular cell, structure, etc.
http://www.cellpress.com

12. <u>Conferences</u> *(Public Domain)*
In this like they provide the latest information about the Conference Alerts, Directory of Conferences, Conferences and Events, Google Directory of Conferences, Conference Database, UN Conferences and Events.
http://csl.du.ac.in/online/conferences.htm

13. <u>E-reference sources</u> *(Public Domain)*
In the link we provide some Encyclopedias, Dictionaries, Thesauri, Yearbooks, Almanacs, Handbooks, Sources of Geographical Information, Sources of Biographical Information, Sources of Statistical Information, Sources of Educational Information, Sources of Current Information, Standards and Patents Indian, Reference Sources, India-Specific Search Engines, Important References Sites and some useful software.
http://csl.du.ac.in/online/e-reference/e-reference.htm

14. <u>EEBO</u> *(DU Subscription)*
From the first book published in English through the age of Spenser and Shakespeare, this incomparable collection now contains about 100,000 of over 125,000 titles listed in Pollard & Redgrave's Short-Title Catalogue (1475-1640) and Wing's Short-Title Catalogue (1641-1700) and their revised editions, as well as the Thomason Tracts (1640-1661) collection and the Early English Books Tract Supplement. It can fulfill the most exhaustive research requirements of graduate scholars - from their desktop! - in many subject areas, including: English literature, history, philosophy, linguistics, theology, music, fine arts, education, mathematics, and science.
http://eebo.chadwyck.com/home

15. <u>EBSCO Database</u> *(DU Subscription)*
A broad range of full text and bibliographic databases on academic research, business source premier humanities International complete Soc INDEX TM with full text. This site will give you all possible information on the databases. This includes:

a). Academic Search Premier:
The world's largest academic multi-disciplinary database, Academic Search Premier provides full text for nearly 4,650 serials, including full text for more than 3,600 peer-reviewed titles.

b). Business Source Premier:
Its providing the full text for more than 8,800 serials. Business Source Premier provides full text back to 1965 and searchable cited references back as far as 1998.

c). Humanities International Complete: TOC Premier:
Its providing full text of hundreds of journals, books and other published sources from around the world. Produced by Whitston Publishing (an imprint of EBSCO Publishing), this database includes all data from American Humanities Index and Humanities International Index (over 1.6 million records) plus unique full text content.

d). SocINDEX TM with Full Text:
The database features more than 1,600,000 records with subject headings from a 15,600 term sociological thesaurus designed by subject experts and expert lexicographers. SocINDEX with Full Text contains full text for 253 "core" coverage journals dating back to 1895, and 72 "priority" coverage journals. This database also includes full text for 547 books and monographs, and full text for 6,711 conference papers.

e). Current Abstracts:
Current Abstracts offers complete bibliographic citation information for nearly 9,800 scholarly academic journals.

f). Regional Business News:
Regional Business News incorporates coverage of 75 business journals, newspapers and newswires from all metropolitan and rural areas within the United States.

g). Library, Information Science and Technology Abstracts:
LISTA indexes journal articles from more than 600 publications plus books, research reports, and conference proceedings. With coverage extending back to 1966, it is the oldest continuously produced database covering the field of information science. Subject coverage includes librarianship, classification, cataloging, bibliometrics, online information retrieval, information management, search engines, printed and electronic information sources, the information industry, scholarly communication, and electronic publishing.
 http://search.epnet.com

16. Elsevier Science Direct *(DU Subscription)*
ScienceDirect offers full text more than a quarter of the World's Scientific, Medical, Technical, Social Science and Information online.
     * Over 2,000 peer-reviewed journals
     * 1995 onwards
http://www.sciencedirect.com/

17. <u>Emerald Management Xtra</u> *'New Updated'* *(DU Subscription)*
Emerald Management Xtra is the largest, most comprehensive collection of peer reviewed management journals and online support for librarians, faculty, researchers and deans. By bringing together integrated access to journals, reviews and user-centric support resources, Emerald Management Xtra helps position the library at the heart of a university's service provision.

It offers much more than journals in a library or papers online; Emerald Management Xtra provides the opportunity to exchange ideas and information, get to know what is happening in the world of research work-in-progress, find out what relevant conferences are being planned and read reviews of previous ones.
- 190 full text journals
- Reviews from the world's top 300 management journals
- Access to over 75,000 full text management articles of the highest caliber

Emerald Management Xtra offers an extending collection of 75,000 full text articles from journals published by Emerald, which include more peer-reviewed primary journals in management than any other publisher.
http://www.emeraldinsight.com/

18. <u>Euclid</u> *(UGC INFONET)*
Project Euclid is a user-centered initiative to create an environment for the effective and affordable distribution of serial literature in mathematics and statistics. Euclid provide 18 Journals.
http://projecteuclid.org

19. <u>Geo-Science World (GSW) & GeoRef Databases</u> *(DU Subscription)*
GSW provide millennium collection includes peer-reviewed articles from 30 high impact journals covering a broad range of geo science areas. All journals have a minimum of one back year and most have all issues back to January, 2000.

GSW also is integrated with GeoRef the bibliographic search database published by AGI that includes information on over 3500 publication in 40 language as well as new books, maps and reports.
www.geoscienceworld.org

20. <u>Google Scholar</u> *(Public Domain)*
<u>Google Scholar</u> enables us to search specifically for scholarly literature, including peer-reviewed papers, theses, books, preprints, abstracts and technical reports from all broad areas of research. Use Google Scholar to find articles from a wide variety of academic publishers, professional societies, preprint repositories and universities, as well as scholarly articles available across the web.
http://scholar.google.com/

21. <u>Grove Art Online</u> *(DU Subscription)*
Grove Art Online provides web access to the entire text of <u>The Dictionary of Art</u>, ed. Jane Turner (1996, 34 vols.) and <u>The Oxford Companion to Western Art</u>, ed. Hugh Brigstocke (2001). It offers ongoing additions of new and updated articles, over 3,000 thumbnail art images and line drawings displayed in the text of articles, extensive image links, and sophisticated search and navigation tools.

Grove Art Online collaborates with nearly 1,000 international art historians and experts with specialized knowledge in various areas of the visual arts.

Features:
All 45,000 articles can be found in seconds with a sophisticated keyword search.
- Over 3,000 thumbnail art images and line drawings displayed in the text of articles
- Links to searchable image databases and editorially selected links to over 40,000 art images on museum and gallery web sites around the world
- Access cross-references in the text with a click of the mouse
- Updates, new articles and new image links will be added as an on-going feature of this dynamic product.

Grove Art Online is the most comprehensive and authoritative online resource for all research in the history of the visual arts.
www.oxfordartonline.com

22. <u>IBID</u> *(Public Domain)*
Indian Business Insight Database is a collection of highly eclectic & judicious collection of business intelligence stories systematically indexing company names, industry categories, products & business terms.
http://www.ibid.informindia.co.in

23. <u>Inspec Ondisc</u> *(DU Subscription)*
Inspec is an abstracting and indexing service providing information from the worlds literature in physics, electronics, electrical and control engineering and computer science.
http://217.154.84.195/inspec/

24. <u>Institute of Physics (U.K.)</u> *(UGC INFONET)*
Thirty-six Full-text Electronic journals of the institute of physics publications from volume 1, issue 1 is available on the campus network.
http://www.iop.org/EJ

25. <u>IEEE Xplore</u> (Single User available in CSL) *(DU Subscription)*
IEEE Xplore provides full-text access to IEEE transactions, journals, magazines and conference proceedings published since 1988 plus select content back to 1950, and all current IEEE Standards.
http://www.ieeexplore.ieee.org/

26. J-Gate *(DU Subscription)*
J-Gate is an electronic gateway to global e-journal literature. J-Gate provides seamless access to millions of journal articles available online offered by 5378 Publishers. It presently has a massive database of journal literature, indexed from 15744 e-journals with links to full text at publisher sites.
http://www.j-gate.informindia.co.in/logon/products.asp

27. J-Gate@UGC -INFLIBNET *(UGC INFONET)*
Fulfill requests for IIL received from member libraries (from Consortium Journals 2001 and onwards.
http://jgate-ugc.informindia.co.in

28. JSTOR *(UGC INFONET)*
JSTOR is a fully searchable database containing various online journals in full-text from different subjects including Social Science and Humanities.
http://www.jstor.org/browse

29. Kluwer Online/ Springer Link Journals *(UGC INFONET)*
Access to Kluwer journals in subjects including science, technology, humanities and law from 1997 onwards. It provides access to 2,65000 articles and over 50,000 articles published annually from 1997 onwards. It has received acclaim for having highest number of citations per paper.
http://journals.kluweronline.com/

30. Journals in Public Domain *(Public Domain)*
In this Journals in public domain 8000+ Electronic Journals, Free medicals Journals, 700 UNESCO Social and Human Science Online Periodicals and Direct of pen Access Journals.

31. Lecture Notes In Computer Science (LNCS) *(DU Subscription)*
Online Books Series Lecture Notes in Computer Science published by Springer Verlag. Access available to over 35,000 papers written by over 50,000 individual scientist and professionals. There are free access to table of contents and abstracts.
http://www.springerlink.com/link.asp?id=105633

32. Lexis-Nexis Academic Universe*(DU Subscription)*
Lexis-Nexis Academic Universe provides 125 of the most relevant documents. This search engine search in News, Business, Legal research, Medical, References.

New: Quick Info, News.

Business: Business News, Industry & Market, Accounting, Company Finance Reports, Company Profiles, Compare Companies, SEC Filings & Reports, Business Directories.

Legal Research: Legal News, Law Reviews, Get a Case, Shepard's ® for U.S. Supreme Court ®, Federal Case Law, State Case Law, Tax Law, Canadian Legislative Materials, Canadian Statutes & Regulations, EU Law (CELEX), International Legal Research. Patents, Patent Classification, Patent Manual, Martindale, Hubbell®, Law Schools.

Medical: Medical News, Medical & Health Journals, Medical Abstracts.

Reference: Biographical, Country Profiles, Pills & Surveys, Quotations, State Profiles, World Almanac.

http://web.lexis-nexis.com/universe

33. MathSciNet *(UGC INFONET)*
MathSciNet is a fully searchable database. The MathsSciNet entry for each Annals paper from 1884 to 1997 is linked to the original on JSTOR.
http://web5s.silverplatter.com/webspirs/start.ws?customer=c180484

34. Nature Publishing Group Journals *(DU Subscription)*
All the 18 NPG Journals namely Nature Nanotechnology, Nature Biotechnology, Cell Biology, Genetics, Materials, Medicine, Physics etc. are available fulltext online with backfiles from May 1998.
http://www.nature.com/nature

35. Online Books *(Public Domain)*
In this link we provide the Digital Book Index. They provides links to more than 117,000 title records from more than 1800 commercial and non-commercial publishers, universities, and various private sites. About 76,000 of these books, texts, and documents are available free.
http://www.digitalbookindex.org/search001a.htm

36. Open J-Gate *(Public Domain)*
Open J-Gate is an electronic gateway to global journal literature in open access domain. Open J-Gate is the contribution of Informatics (India) Ltd to promote OAI. Open J-Gate provides seamless access to millions of journal articles available online. Open J-Gate is also a database of journal literature, indexed from 3000+ open access journals, with links to full text at Publisher sites.
http://openjgate.org

37. Oxford DNB *'New' (DU Subscription)*
Oxford Dictionary of National Biography is a collection of 55,000 specially written biographies, which describe the lives of people who shaped the history of the British Isles and beyond.

The Oxford DNB provides accurate, concise and readable articles on noteworthy people from all walks of life. Entries offer detailed and extensive biographical information drawn from primary and secondary sources and range from a few dozen to 35,000 words in length.

Where possible, entries provide a person's:
- full name at birth and name changes throughout life
- dates and places of birth, baptism, marriage, death, and burial
- parents' names, life dates, and occupations
- records of siblings and other noteworthy family members
- education history
- Each article also provides an extensive reference section listing:
- primary and secondary works consulted by the author of the biography: over 300,000 bibliographic references in total
- paper, film and sound archives for further research
- portrait likenesses

where known, details of wealth at death—making this the largest public collection of such information.
http://www.oxforddnb.com/

38. Oxford University Press *(UGC INFONET)*
OUP is the world's largest University press. It provides full-text access to articles in Social Sciences, Science and Humanities.
http://www3.oup.co.uk/jnls/online/

39. Project MUSE (John Hopkins University) *(UGC INFONET)*
Online access for 222 scholarly journals in arts & humanities, social sciences and Mathematics at the Johns Hopkins University from 1999 onwards. It is a bibliographic databases namely Analytical abstract, Catalysts chemical hazard, Laboratory hazard, Methods in organic synthesis and Natural Product reports are accessible.
http://muse.jhu.edu/journals

40. Portland Press *(UGC INFONET)*
Full-text access to four journals namely : Biochemical Journal, Biochemical Society Transactions, Biotechnology and Applied Biochemistry and Clinical Science is being made available with the archival access from 1996 onwards.
http://www.portlandpress.com

41. PubMed Central *(Public Domain)*
PubMed Central is a free digital archive of biomedical and life sciences journal literature at the U.S. National Institutes of Health (NIH).
http://www.pubmedcentral.nih.gov/

42. <u>Royal Society of Chemistry</u> *(UGC INFONET)*
Royal Society of Chemistry, the largest organization in Europe for advancing the chemical sciences provides access to full-text articles from 23 journals from 1997onwards. It also includes access to Bibliographic Databases namely: Analytical Abstracts, Catalysts & Catalysed Reactions, Chemical Hazards in Industry, Laboratory Hazards Bulletin, Methods in Organic Synthesis, Natural Product Updates.
http://www.rsc.org

43.<u>Sage Journals Online</u> 'New' *(DU Subscription)*
The SAGE Full-Text Collections are award-winning, discipline-specific research databases of the most popular peer-reviewed journals in <u>Communication Studies</u>, <u>Criminology</u>, <u>Education</u>, <u>Management & Organization Studies</u>, <u>Materials Science</u>, <u>Political Science</u>, <u>Psychology</u>, <u>Sociology</u>, and <u>Urban Studies & Planning</u> published by SAGE Publications and participating societies.

These comprehensive databases include more than 256 journals, 360,000 articles, book reviews, and editorials, with all the original graphics, tables, and page numbers. The Collections provide researchers and students with a research environment that is easy to use and complete with the most up-to-date content and back files back to volume 1, issue 1.

Delhi University Library System has a subscription to the following SAGE Full-Text Collections:

Education: A SAGE Full-Text Collection	1917 - current
Management & Organization Studies: A SAGE Full-Text Collection	1947 - current
Political Science: A SAGE Full-Text Collection	1890 - current
Psychology: A SAGE Full-Text Collection	1941 - current
Sociology: A SAGE Full-Text Collection	1952 - current

In addition to above SAGE Full-Text Collections DULS has access to following ECONOMICS JOURNALS FROM SAGE

<u>Economic Development Quarterly</u>
<u>Indian Economic & Social History Review</u>
<u>Journal of Emerging Market Finance</u>
<u>Margin</u>
<u>National Institute Economic Review</u>
<u>Public Finance Review</u>
<u>South Asia Economic Journal</u>

http://online.sagepub.com/

44. <u>SciFinder Scholar</u> (Available in CSL only) *(DU Subscription)*
Single user access to chemical and related scientific information is currently available from the Central Science Library (CSL) only.
http://www.cas.org/SCIFINDER/SCHOLAR/index.html

45. <u>Science Magazine</u> (A.A.A.S.) *(DU Subscription)*
Online access to the Science magazine published by the American Association for the Advancement of Science. It provides access to the full-text contents from October 1996 through latest issue.
http://www.sciencemag.org/

46. <u>Scirus</u> *(Public Domain)*
<u>Scirus</u> is the most comprehensive science-specific search engine on the Internet. Scirus searches over 300 million science-specific Web pages, enabling you to quickly:
• Pinpoint scientific, scholarly, technical and medical data on the Web.
• Find the latest reports, peer-reviewed articles, patents, pre prints and journals
  that other search engines miss.
• Offer unique functionalities designed for scientists and researchers.
http://www.scirus.com/srsapp/

47. <u>SCOPUS</u> *(DU Subscription)*
Scopus is a revolutionary new navigational product for all sciences from Elsevier. Apart from being the world's biggest abstract database covering 25 million abstracts from over 13,450 titles across.
http://www.scopus.com/

48. <u>SIAM (Society for Industrial and Applied Mathematics)</u> *(UGC INFONET)*
SIAM offers 13 online full text journals in the field of Mathematics. in addtion to current titles you can access to 8-10 years back file (1996-2006) besides you can also access the archival file (LOCOS) for (Volume No. 1). for limited period.
http://epubs.siam.org/
http://locus.siam.org/

49. <u>SpringerLink</u> *(UGC INFONET)*
SpringerLink offers electronic and printed literature from Springer-Verlag. A full-text access is made available for around 550 journals from 1997 onwards.
http://www.springerlink.com

50. <u>Subject Gateways</u> *(Public Domain)*
The link provide the information of some Subject Gateways like Physical Sciences Information Gateway (PSIgate), EEVL: Engineering, Mathematics & Computing (EEVL), BIOME: Health and Life Sciences, Eric Weisstein's World of Science, Bio – Web, Human Genome Project, NCBI Human Genome Resources, <u>Social Science Information Gateway</u> (SOSIG), BUBL LINK / 5:15 : Social Sciences, Google Directory of Social Sciences, Artifact, Humbul Humanities Hub, Voice of the Shuttle, Humanities and Social Sciences Online, Google Directory of Arts and Humanities.
http://csl.du.ac.in/online/subject-gate.htm

51. Taylor & Francis Online Journals *(UGC INFONET)*
Taylor & Francis Journals including the imprints of Taylor & Francis, Carfax, Routledge, and Spon Press, together with 63 journals from the former Scandinavian University Press. Full-text access is available for 1030 journals from 1998 onwards in most cases.
http://journalsonline.tandf.co.uk

52. Theses and Dissertations *(Public Domain)*
In this link you can search ProQuest Digital Dissertations, Educational Resources Information Center (ERIC) Database, Networked Digital Library of Theses & Dissertations, Vidyanidhi: Indian Theses Database.
http://csl.du.ac.in/online/theses-dissertation.htm

53. UGC-InfoNet *(Public Domain)*
UGC-Infornet provides 4000 full text scholarly electronic journals from 25 Publishers across the globle. So far 100 Universities out of 171 Indian Universities, which come under the purview of UGC, have been provided access to these journals and it will gradually be extended to affiliated colleges as well. It covers almost all areas of learning like Arts, Humanities, Social Sciences, Physical and Chemical Sciences, Life Sciences, Computer Sciences, Mathematics and Statistics etc. and other Subject areas are to be added in near future.
http://unicat.inflibnet.ac.in/econ/mindex.htm

54. UN and other international agencies publications *(Public Domain)*
This link provides the list of UN and other International Agencies Publications. Like Asian Development Bank (ADB), Demographic and Health Surveys, Human Development Resource Centre, International Monetary Fund (IMF), International Organizations of the world, International Statistical yearbooks, United Nations, UNESCO: Communication & Information, UNESCO Natural Sciences Portal, UNESCO Social & Human Sciences, UN databases, UN-HABITAT, UNDP, UN Statistics Division (United Nations), United Nations Educational, Scientific & Cultural Organization, UNESCO Institute for Statistics, UNICEF Statistical Data, WHO Statistical Information System (WHOSIS) , World Trade Organization (WTO).
http://csl.du.ac.in/online/un-international.htm

55. Wilkipedia *(Public Domain)*
Wikipedia is a multilingual, Web-based, free-content encyclopedia. Wikipedia has more than six million articles in many languages, including more than 1.5 million in the English-language version and more than half a million articles in the German-language version. There are 250 language editions of Wikipedia, and 21 of them have more than 50,000 articles.
http://en.wikipedia.org/wiki/Main_Page

56. <u>Wiley InterScience</u> *(DU Subscription)*
Wiley InterScience has an access to the full text access to 745 Journals in all discipline w.e.f. January, 2001. Like Online Access to American Journal of Human Biology, BioEssays, International Journal of Chemical Kinetics, Numerical Methods for Partial Differential, Pest Management Science, Statistics in Medicine, Angewandte Chemie International Edition, European Journal of Inorganic Chemitry, Helvetica Chimica Acta, Physica Status Solid (a), Mathematische Nachrichten etc.
http://www3.interscience.wiley.com

57. <u>Women's History</u> 'New' *(DU Subscription)*
In the late 1800's, Dutch physician and feminist Aletta Jacobs and her husband C.V. Gerritsen began collecting books, pamphlets and periodicals reflecting the evolution of a feminist consciousness and the movement for women's rights. By the time their successors finished their work in 1945, the Gerritsen Collection was the greatest single source for the study of women's history in the world, with materials spanning four centuries and 15 languages.

The broad scope of the collection allows scholars to trace the evolution of feminism within a single country, as well as the impact of one country's movement on those of the others. In many cases, it also provides easy access to primary sources otherwise available only in a few rare book rooms.

The Gerritsen Collection of Aletta H. Jacobs consists of two segments: the Periodical Series and the Monograph Language Series.

Periodicals constitute 25 percent of the entire collection. For the years from 1860 through 1900, the period covered by most of the titles, there is no comparable resource.

There are over 4,000 monographs and pamphlets, comprising 75 percent of the titles.

http://gerritsen.chadwyck.com/

58.<u>Xreferplus</u> (Credo) *(DU Subscription)*
Xreferplus has an access to the full text of the best reference books, along with images, customizable data, visual concept maps of results, sound, maps, and more.
http://www.xreferplus.com

Electronic Books

There are many books in the form of CD and Floppy etc. available in a special collection in CSL. These may be accessed with a request to the librarian. A CD-server access is under preparation.

FACILTIES FOR RESEARCHERS AND ACADEMIC STAFF

A complete online database of thesis and dissertation since 1922 is available in Central Reference Library. In this database, there is access through research's name, supervisor's name, department's name, subject heading and keywords. Secondly through helpdesk, one can have access to more then 6000 e-journals with their full texts available online.

There is a facility of web mail for researchers and teachers etc. These categories of users can register themselves to have e-mail ID on Delhi University web mail server. They can have e-mail address and a password individually. So, they can access the online e-mail facilities, while sitting at their home, thus a wider facility has been provided.

COMPARATIVE STATEMENT OF THE LIBRARY ACTIVITIES
From 2003 to 2008

Activity	2003-04	2004-05	2005-06	2006-07	2007-08
Library Membership	1,396	1,528	1,685	1,761	2,050
Books Circulation	77,036	81,086	89,785	1,13,186	1,34,710
Readers Visited	1,23,339	1,41,445	1,45,786	1,80,175	1,95,250
Readers from other the DU	6,024	8,349	10,552	11,139	18,750
Books Acquired	2,014	1,959	2,309	1,843	2,395
Amount spent on books	35,24,538	50,20,433	35,63,799	37,21,349	41,99,874
Average cost of books	1750	2563	1543	2019	1754
Periodicals subscribed	327	350	358	366	420
Amount spent on Periodicals	1,98,87,139	2,26,93,476	2,28,04,303	2,58,11,880	2,52,20,395
Average cost of Periodicals	60817	64839	63699	70524	60049
Electronic data bases subscribed	2	2	4	7	9
Amount spent on electronic database	5,43,290	5,43,290	15,08,160	24,61,782	37,19,016

LIST OF DATABASE SUBSCRIBED FROM 2003-2008

Database Name	Publisher	Subscription Year	Period	Subscription Price	Amount (Rs.)
ACM Portal	INDEST	2003-2004	FEB 2008 – JAN 2009	Rs.2,17,710	2,17,710
IEL Online	INDEST	2003-2004	SEP 2007 – AUG 2008	Rs.3,25,580	3,25,580
INSPEC On Web	INFORMATICS	2005-2006	JAN 2008 – DEC 2008	£ 5,700	4,64,778
Lecture Note in Computer Science(LNCS)	SPRINGER	2005-2006	JAN 2008 – DEC 2008	Euro 856.75	5,00,092
Geo-Science World (GSW)	INFORMATICS	2006-2007	MAY 2008 – APR 2009	$ 16,542	6,71,771
Science	AAAS (GIST)	2006-2007	JAN 2008 – DEC 2009	$ 3,720	1,47,163
J-Gate	INFORMATICS	2006-2007	APR 2007 (STOPPED)	Rs.1,34,688	1,34,688 (Stopped)
SciFinder Scholar	CAS	2007-2008	MAR 2008 – DEC 2008	$ 20,750	8,32,983
American Geological Union (AGU)	INTERNATIONAL SUBSCRIPTION AGENCY	2007-2008	APR 2008 – MAR 2009	$ 10,110	4,13,499
American Society of Microbiology (ASM)	-DO-	2007-2008	MAY 2008 – APR 2009	$ 3,556	1,45,440
				Total Money Spent on Database	37,19,016

ANNUAL REPORT 2007-2008

1. **Name of the Library Unit**   :   CENTRAL SCIENCE LIBRARY

2. **Year of Foundation**   :   1981

3. **Area allotted for the Library**
    a) Carpet area for reading room   :   6,570 sq. feet.
    b) Carpet area for stack room   :   10,265 sq. feet.
    c) Carpet area for office   :   5,760 sq. feet.
    d) Total area   :   22,595 sq. feet.

4. **Number of Reading room seats**
    in the Library   :   185

5. **Type of Library**
    a) Open access   :   Yes (Periodicals & Gen. Books)
    b) Close access   :   Yes (Textbooks & Close Sec)

6. **Type of Library services**   :   a) Issue and return
                                          :   b) Reference Service
                                          :   c) Inter Library Loan
                                          :   d) Photocopying service.
                                          :   e) Personalized info. Service
                                                     f) Internet Access Facility- email
    and others
                                                     g) Online access to e-resources
                                                     h) Users orientation Programmes

7.1 Collection in the Library
    a) Number at the begin of the year   :   1379735
    b) Number added during the year   :   1379736-1381553   = **1818**

    c) Number withdrawn during the year   :   7
    d) No. of books received as gift   :   859191-859276   =   **86**

7.2 Advance Center Books
    a) CARPA   :   P5928-P6181   =   **254**
    b) CARB   :   B5179 – B5238   =   **60**
    c) CARC   :   C7449 – C7612   =   **164**
    d) CARG   :   G0021-G0033   =   **13**

Total (Books) added during 2006-07   :   **2395**

8. Library Membership :

a) i)	Faculty Members	:	99
ii)	College Teachers	:	136
b) i)	Research Scholars (Ph.D)	:	229
ii)	M.Phil.	:	132
c)	Post graduate students	:	1444
d)	Special membership	:	10

Total Membership : **2050**

Transfer of Library Tickets :

i) CSL to Other Libraries	:	58
ii) Other Libraries to CSL	:	7

9. Budget (Maintenance Grant Books) (In Rs.)

a) Expenditure on Books (M G)	:	29,80,823
i) Computer Scinece	:	2,49,908
ii) Environmental Biology	:	1,09,489
Total		**33,40,220**
b) Expenditure on Advance Centre Books		
i) CARPA (Physics)	:	2,49,963
ii) CARB (Botany)	:	2,50,000
iii) CARC (Chemistry)	:	2,49894
iv) CARG (Geology)	:	59,814
Total		**8,09,671**
c) Additional Grant		
i) SAP Chemistry	:	49,983

Grand Total (a+b+c) : **41,99,874**

d) Expenditure on Periodicals	:	2,44,31,438
i) Computer Science	:	4,41,025
ii) NBHM Mathematics	:	3,47,932
Total	**:**	**2,52,20,395**
Other Charges	**:**	**16,17,083**

10. a) No.of visitors : 1,95,250
   b) No. of visitors (from other Lib.) : 18,750

11. No. of documents circulated : 1,34,710

12. No. of documents consulted : 2,42,275

13.1 Periodicals

a) No. of current subscriptions		:	**420**
i) Foreign	352	:	
ii) Indian	68	:	
b) No. of Periodicals added		:	**60**
i) Foreign	60	:	
ii) Indian		:	
c) No. of Periodicals Discontinued		:	**6**

13.2 Periodicals Collection   :

a) No. of Vols. bound & added   :

Total Volumes added at the end of year :   1355772-1357947 = **2175**

                                                :

14. Details of Inter Library Loan

a) No. of Vols, sent on Loan   :

  i) Periodicals   :   19,260 (Including Photocopies)

  ii) Books   :   58

b) No. of Vols. received on Loan   :

  i) Periodicals   :   495 (Articles Photocopies)

  ii) Books   :   27

  iii) Through e-mail   :   234

15. Participation in conference / Seminars etc.:

Dr.S C Jindal, Mr. U N Mathur and Ms A R Neelayadakshi participated in seminars, conference and computer programmes held at IIT Roorkee, ILA Hyderabed, New Delhi, etc.

16. Computerised services

a) E-mail correspondence   :   42,040

b) Contribution towards Library
   Development Fund (LDF) during
   (2007-08)   :   Rs. 3,61,000

c) Total amount received in LDF since
   2000-01   :   Rs.20,80,400

d) Number of books available in CSL OPAC: 80,116

e) Number of Online databases available   :   **62**
   (UGC INFONET + Subscribed + available on Public Domain)

PROGRESS AND DEVELOPMENT DURING 2007-08

1. The Inspection Committee Chaired by the Director, Delhi School of Economics visited on 15th May, 2007. The efforts made by the library were appreciated by all the members of the committee. The committee lay emphasis on modernization of services and e-resources.

2. A milestone achieved by making data entry of book-collection of CSL and making it accessible through CSL and DU Web OPAC.

3. Editing and rectification work of records entered is in progress.

4. Web mail service is utilized in communicating recent e-journals database acquired by the Delhi University Library System.

5. Initiatives taken to subscribe Geo Science World, Nature publication Group, Science online, Science Direct, Wiley Inter Science, **American Geological Union, American Microbiologist Society publications etc.**

6. User's orientation programmes were conducted in the CSL and in the departments to make users aware of utility of e-resources and library collection.

7. Textbook collection has been upgraded with the cooperation of Dean, Faculty of Science and Heads of the various Departments.

8. Internet Access Facility have been upgraded with 50 terminals for PG, research scholars and Faculty Members. The timings have been extended up to 7:30 P.M. on all workings days.

9. Bar coding of books is a simultaneous process with data entry of new books.

10. The library has received many delegations comprising of dignitaries from countries viz China, Afghanistan, Thailand, Iran etc.

11. The publisher's representatives from Elsevier Science, Netherlands, Wiley Inter Science, Institute of Physics, UK, Cambridge Science, UK, Blackwell Synergy, UK etc. visited the library.

12. Special emphasis have been given to improve the library services and ambience of the library keeping in view comfort in studying and using resources of the library. CCTV system on Ground Floor has already been installed.

FUTURE PLANNING:

There is planning to change building layout and that would be in accordance with recent IT Infrastructure with virtual library concept. The present bound volumes of collection is proposed to be shifted to a central depositary and the space available shall be utilized for IT services, viz access to current and back files of Journals, rare books, CD-ROM/DVD database etc. The floor will be partitioned with Air Conditioning and other necessary infrastructure. A separate partition will be made to provide daily information literacy programme to the users. The library has plan to adopt RFID mechanism.

ENQUIRIES TO WHOM

In case of queries and questions regarding CSL and its services. Please contact

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Ph. 91-11-27667911
E-mail: scjindal@duls.du.ac.in

Queries regarding Library Services
Ms Suman Bhatiani
Ph.No. 91-11-27667725, 91-11-27667725 Extn. 1673

Queries regarding Technical Services
Mr. U N Mathur
Ph. No. 91-11-27667911, 91-11-27667725 Extn. 1674

Queries regarding Journals Section please contact
Ms Neelayadakshi
Ph. No. 91-11-27667317, 91-11-27667725 Extn. 1675