

DIRECTOR'S REPORT

1997 - 98

delnet

DELHI LIBRARY NETWORK

40, Max Mueller Marg
New Delhi - 110003

Office-bearers

Dr. S. Varadarajan, President
Mr. N. N. Vohra, Vice-President
Mr. H. K. Kaul, Director
Mr. P. Jayarajan, Treasurer

Governing Board

Dr. S. Varadarajan, President
Mr. N. N. Vohra, Vice-President
Prof. Y.K. Alagh
Dr. Mrs. Kapila Vatsyayan
Dr. N. Seshagiri
Mr. B. P. Singh
Dr. S. S. Murthy
Prof. A. P. Srivastava
Mr. P. Jayarajan, Treasurer
Mr. B.K. Prasad
Mr. H. K. Kaul, Director

DELNET is promoted by National Informatics Centre, Planning Commission,
Government of India and India International Centre, New Delhi

DIRECTOR'S REPORT

1997 - 98

delnet

DELHI LIBRARY NETWORK

40, Max Mueller Marg

New Delhi - 110003

DELNET has completed yet another fruitful year. This year we also marked the completion of a progressive decade. DELNET was conceptualised in January 1988 and registered as a Society in 1992. DELNET completed half a decade of its existence as an independent body.

During 1997-98, DELNET began work on two new softwares for database creation, DEL-WINDOWS and DEL-DOS with facilities for creating bibliographic records in MARC format. We also created DELSEARCH, a new off-line mechanism for accessing our databases from remote end, through electronic mail.

Several new databases including Union List of Video Recordings, Union List of Sound Recordings, Database of Urdu Manuscripts, Theses and Dissertations, DEVINSA Database, Union Catalogue of Hindi Books, etc. were started. We also introduced "Jain Database" with the courtesy of the Jain Study Centre and the Federation of JAINA, North Carolina.

DELNET updated its webpage by adding more details and additional information.

DELNET had also introduced this year, using INTERNET, several online services such as DEL-LISTSERVs, Books-New Arrivals, Book Reviews, Current Contents, etc.

DELNET's membership has increased from 67 libraries in 1996-97 to 76 this year. A new chapter has been opened with the introduction of the University of California at Berkeley as an Institutional Member of DELNET.

The Department of Culture also sanctioned the National Bibliographic Database Pilot Project to DELNET to cover the International Institute of Tamil Studies Library in Chennai and the Punjabi University Library in Patiala. Fifty thousand bibliographic records in English, Tamil and Punjabi will be prepared within a period of six months w.e.f April 1, 1998.

This year NIC began providing INTERNET PPP connectivity to DELNET's member-libraries at a concessional rate and several mem-

bers have availed themselves of this facility. End user support and training is being given by DELNET.

DELNET organised training programmes, lectures and seminars during this year. The series of Annual Lectures was started on topics like library networking, resource sharing, automation of libraries, information technology, etc. The first annual and inaugural lecture of the series this year, was delivered by Mr. N. Vittal, Chairman, Public Enterprises Selection Board.

Software

a) DEL-WINDOWS/DEL-DOS

DELNET has succeeded in developing library softwares for database and union catalogue creation on Windows 95 and DOS platforms. DEL-WINDOWS has been developed on Windows 95 and DEL-DOS on DOS platform. Both these softwares have modules for creating records in both CCF as well as MARC formats.

These softwares are efficient tools for creating and retrieving bibliographic databases and catalogues. They are simple and easy to use both for professionals as well as semi-professionals and end users can access information using them with ease and without any prior training. They have adequate menus for data inputting and have search capabilities. The operational modules include database creation and maintenance and OPAC (Online Public Access Catalogue). The hardware requirements for DEL-WINDOWS are PC AT 486, Pentium or above, 16 MB RAM, 20 MB disc space, 66 Mhz or above speed and Windows 95 platform.

We were also able to develop MARC utility on DELSIS, the software created earlier by us on UNIX for importing and exporting of MARC records. With this facility, we now have an online database of MARC records presenting American Center Library records. So far, 18,000 records are available in this database and more will be imported.

b) DELSEARCH

DELNET has opened a new chapter in the information retrieval

procedure by devising a new database access mechanism through an in-house software called DELSEARCH.

DELSEARCH is an off-line remote database access system through E-mail. It is the first of its kind in the world which is most economical and user-friendly as well. It opens a window to all institutions, information specialists, research scholars, librarians and users interested in bibliographies and textual information on South Asia. It allows them to search the DELNET union catalogues through E-mail and is a great tool for research scholars.

This software is developed on UNIX platform and allows the users to send their search requests through E-mail, defining the query word/words in the subject of the mail. As soon as the query is received by the system in the form of an E-mail, the respective databases are searched for the query word and the results are returned to the addressee immediately. The searching of the database does not require any human intervention and the searches are done by the system automatically. The software has been successfully tested from different parts of the world.

Hardware

This year DELNET was only able to add one Pentium machine of 2 GB hard disk.

Upgradation of Telecommunication Facilities

a) Telephone Lines

This year two more telephone lines were added to facilitate easier and efficient access to our online services.

b) Upgradation of Modems

Eight modems have been upgraded from 14.4 kbps to 33.6 kbps. This has speeded-up the communication facilities.

c) Leased-Lines

The leased line between DELNET and NIC has been used well and libraries from outside Delhi have been making best use of the facility.

DELNET Databases

DELNET has now 14 databases available online for its users. We were able to introduce several new databases this year, including full text 'Jain Database', 'Database of Urdu Manuscripts', 'DEVINSA Database' and 'Theses and Dissertations', etc. Data in other databases has also increased.

a) Union Catalogue of Books

With the introduction of DELSIS networking software, our previous problems were solved and we were able to increase the volume on this database considerably. Yet, the editing and duplicate checking is continuing. On March 31, 1998 we have 3,96,854 records with 4,10,000 locations in this database.

The ILL online facility which was made available on this database has also done well. Fifteen member-libraries utilise this facility regularly.

b) Union List of Current Periodicals

Started in 1991, this database was updated in 1994 with the help of the JNU Library and was made online. Since then we have been updating it every year. This list is divided into 3 parts and the total number of titles in it are: 17,982 records include:

| | |
|--------------------------|---------------|
| Sciences and Technology: | 9,520 records |
| Social Sciences: | 7,192 records |
| Humanities: | 1,270 records |

c) Union Catalogue of Periodicals

This database was introduced last year and has the full periodicals holdings data of some libraries in Delhi. Questionnaires are sent regularly to the libraries and the data collected is regularly updated. This database now contains 6,935 records.

d) Database of Periodical Articles

This database has details of about 60,000 articles which can be searched by author, title, title of the periodical, compiler or subject. Since this also provides location information, it is considered to be

of immense value for procuring required articles for our member-libraries.

e) Database of Indian Specialists: A Who's Who

We have added biographical sketches of award-winning scientists and litterateurs in India in this database. This year some of the old data was also updated. Questionnaires were also sent to professionals in the medical field. The details of those who responded were added to the database. We now have about 2000 entries in this database. Both member-libraries and researchers find this database very useful. Several institutions who are not members also use this database for obtaining lists of persons in a particular field for participation in conferences, etc. organised by them.

f) CD-ROM Database

Initiated last year, this database of CD-ROM holdings in member-libraries now has 138 records.

g) Database of Language Publications

This database is a sample database containing guidelines for creating records in Indian languages.

h) Directory of Libraries

DELNET maintains this database to give profiles of member-libraries. Each year details of new member-libraries are added and also updated.

i) Books in Print

This database was introduced in 1997 with the active participation of Oxford University Press. This year we have approached publishers and booksellers directly by offering to include the titles and other details of their publications in the database free of charge with only 7.5% of commission chargeable by DELNET on all sales through the online ordering facility. We have received some favourable responses.

New Databases

This year we have introduced the following nine databases:

a) Jain Database

This is a database of Education and Information Service of the Jain Study Centre and the Federation of JAINA of North Carolina.

An information resource on Jainism, this database contains information on various aspects of Jainism. The documents covered in the database include books, articles and grey literature. It is a full text database.

b) Union Catalogue of Books: MARC Format

MARC is an internationally used format for machine readable bibliographic records. Though DELNET has been promoting CCF for the creation of bibliographic databases, some of the member-libraries have been creating their records in MARC, which we were unable to include in the online Union Catalogue of Books. This year we have created a module for exporting and importing MARC records on DELSIS. MARC database presently has 18,000 records from the USIS Library. We still have more records to add.

c) Union List of Video Recordings

This is a database of video cassettes available in DELNET member-libraries and has about 700 listings.

d) Union List of Sound Recordings

This union list consists of 1,034 audio cassette records available in member — libraries.

e) Urdu Manuscripts Database

This is a database of Urdu manuscripts available in Delhi libraries and lists 210 manuscripts. It contains entries on a variety of subjects such as animal husbandry, astronomy, ethics, Arab history, letter writing, sports, etc. with the maximum number of entries on poetry, fiction and Islam.

f) Database of Theses and Dissertations

A database of theses and dissertations submitted to Indian universities was recently started, which covers various subjects. At present, this has 250 records.

g) DEVINSA Database

DEVINSA (Development Information Network for South Asia) is a special database on socio-economic issues of interest to researchers, policy makers and development agencies. It is a bibliographical networking system for the South Asian region, with project libraries in Bangladesh, India, Nepal, Pakistan, Maldives and Sri Lanka. It has a database of nearly 20,000 records of periodical articles, books and unpublished material on socio-economic issues. It covers diverse subjects such as agriculture, chemistry, education, etc.

h) Union List of Serials: Petroleum and Natural Gas Sector in India

DELNET has started compiling a union list of serials available in Petroleum and Natural Gas Libraries in India. The questionnaires were sent to a large number of libraries and till now nearly 900 records are already available in the database.

i) Union Catalogue of Hindi Books

DELNET has also created this year, a union catalogue of Hindi books available in the member-libraries. The database contains nearly 4,000 records and can be retrieved through the GIST compatible system.

Other Online Services

This year DELNET also introduced several other online services, including ILL online. These services are being well utilised.

a) ILL online

This service was introduced in January 1997 on an experimental basis and for 3 months free service was given to all member-institutions. Thereafter, since April 1997 we have started charging each institution wishing to utilise this service Rs. 4000/- per year. Supply of photocopies of periodical articles is also undertaken.

Fifteen member-institutions used this service this year and 5 transactions take place on an average per day.

b) DEL-LISTSERVs

DELNET has created a Listserv service called DEL-LISTSERV to

provide the current awareness service to users and allow the member-libraries to receive the latest daily information from the INTERNET automatically in the form of electronic digests. The following Listservs have been created and are available online through DELNET :

1. NET-HAPPENINGS: This Listserv appraises the users about the latest new sites along with their WEB addresses on the INTERNET and has proved to be a major source of information for the users on the INTERNET.
2. MED-CLIPS: This medical clippings listing discusses the various topics of medical interest like AIDS, cancer, etc. and is very informative in nature.
3. IFLA: This Listserv allows the users to get the latest information from the International Federation of Library Associations and Institutions, which includes the issues of concern to Library and Information professionals.
4. LIBJOBS: Through this LISTSERV, the library professionals are able to find out daily, the job vacancies available in their field throughout the world.

c) Books : New arrivals

This is a new service through INTERNET giving a list of recent publications in all subjects. At present the service covers education, management and physical sciences. Other subjects can be introduced on demand.

d) Book reviews from INTERNET

This is an INTERNET service of reviews of the latest published books covering different subjects. At present we have introduced this facility in arts and music, INTERNET and military history. Other subjects will be introduced periodically.

e) Current contents

This service gives the current contents of the latest issues of journals. It is particularly useful for rationalisation of periodicals and resource sharing in member-libraries.

E-mail and INTERNET

RENNIC E-mail is being used extensively by member-libraries

and the traffic has increased exponentially. ERNET E-mail is also being used by the libraries. E-mail is being used not only for communications between institutions but also for inter-library-loan requests.

This year we were able to provide PINE software for RENNIC E-mail users, which is a new menu-driven software with access and retrieval facilities. Users find it very user-friendly, much better and comfortable to use.

We have also provided data security and a privacy module in the X-mail software for ERNET users. This software enables the users to assign passwords for their E-mail accounts. Its security features are being further upgraded.

Eight member-institutions have taken INTERNET connectivity from RENNIC through DELNET, at a concessional rate of Rs. 12,000/- per connectivity and 500 connect hours. This concession in the rate is given because DELNET is providing initial training and end user support. The service is being well used.

Survey Results

We conducted a random survey of 19 libraries. The following results of the survey are :

1. The users' needs revealed the following preferences for the type of material to be used in connection with their research through the network:

- | | |
|--------------------------------|-------------------------------------|
| a) Books : 92% | (b) Periodical Articles : 81.6% |
| c) Latest publications : 75.9% | (d) Newspapers : 70.1% |
| e) Old publications : 60.9% | (f) Reports/grey literature : 51.7% |
| g) Manuscripts : 29.9% | (h) Maps : 24.1% |
| i) Standards, Patents : 17.2% | |

2. The users wanted orientation in the following :

- | | |
|---------------------|-----------------------------|
| a) INTERNET : 70.1% | (b) DELNET services : 51.7% |
| c) E-mail : 46% | (d) Others : 14.9% |

3. The librarians of member-libraries use DELNET databases in the following order :

a) Union Catalogue of Books

Daily : 21.1% Weekly : 52.6%

b) Union List of Serials

Daily : 10.5% Weekly : 26.3%

c) Database of Periodical Articles and other databases

Daily : 10.5% to 15.8% Weekly : 5.3% to 15.8%

Fortnightly : 5.3% to 26.3%

4. DELSIS software got the following rating :

OPAC is simple : 78.9%

The system is fast : 57.9%

5. Use of DEL-LISTSERVs : 26.3% to 31.6%

6. Preference for RENNIC E-mail : 47.4%

7. Training in Automation Needed : 73.7%

8. Participation in Resource Sharing : 68.4%

9. Preference for accessing information
online : 51.7%

Membership

DELNET's membership has increased from 69 to 76 in 1997-98. Of these, ten institutions are outside Delhi in six states and one is an overseas member.

DELNET has crossed an additional milestone this year by including the University of California at Berkeley as its Institutional Member. We hope that the services DELNET provides will be useful to the faculty and students of the university and more such institutions will make use of DELNET facilities.

Affiliated Institutions of AICTE

The Vice-Chairman, AICTE in his letter to the Director, DELNET was of the view that it would be appropriate if DELNET databases were made available through DELSEARCH to all the AICTE affiliated institutions in the country, for their research and reference purposes.

Accordingly, DELNET had approached all the engineering colleges, engineering departments of universities, polytechnics, and colleges and institutions of management in the country which were affiliated to AICTE for membership of DELNET. They were also offered DEL-WINDOWS or DEL-DOS software depending on their choice, which are worth Rs. 20,000/- each, free of charge to those institutions who would join DELNET as members. We are pleased to note that some institutions have approached us for more details and a couple of institutions have already become members.

DELNET Web Page

DELNET had opened a web page on WWW of INTERNET through NIC last year. This year the web page has been updated. We have had more than 8000 hits so far.

National Bibliographic Database Pilot Project

Based on the recommendations of the Working Group on Libraries and Information of the Planning Commission for the Ninth Five Year Plan, DELNET had submitted a project to the Planning Commission through the Department of Culture, Ministry of Human Resource Development for the preparation of the National Bibliographic Database during the Ninth Plan Period.

After discussion on the project, it was suggested by the Department of Culture that a Pilot Project choosing only two institutions and limiting the size of data, be submitted so that DELNET could gain experience in creating a multilingual national database.

Accordingly, DELNET submitted a Pilot Project for the compilation of a National Bibliographic Database to the Department of Culture. Two institutions, viz. International Institute of Tamil Studies in

Chennai and Punjabi University Library, Patiala were chosen for the Pilot Project. About 25,000 records at Chennai to include 15,000 records in Tamil and 10,000 in English and 25,000 records at Patiala to include 15,000 records in Punjabi (Gurmukhi) and 10,000 in English are to be created. The duration of the Project is 6 months. The subjects to be covered at Patiala are religion, languages and literature, reference and social sciences and at Chennai the subjects selected are philosophy, language and literature, reference, history and culture.

After completion, the databases will be made available online as well as through DELSEARCH all over India and overseas.

The databases of the Pilot Project will be created using international standards such as MARC format, AACR 2 rules, LCSH, and subject headings in Punjabi and Tamil and other indigenous terms that are current and comprehensible to the users.

One Coordinator will be chosen at each place and training programmes will be conducted for staff at both places including training in the use of DEL-DOS and DEL-WINDOWS.

Training manuals for MARC and LCSH have already been prepared by DELNET.

We are pleased to note that this project has been sanctioned by the Department of Culture and work on it will begin from April 1, 1998.

Training Programmes/Workshops

We organised a three-day workshop on "Access to INTERNET" in collaboration with the Indian National Science Academy (INSA) from September 9-11, 1997 at INSA. Fifteen Library and Information professionals from member-libraries participated in this workshop.

The experts from DELNET, NIC and DOE worked as resource persons. Extensive hands-on-sessions were also conducted.

Lectures and Seminars

A talk on the "Role of EDI in Publishing and Library Networking" was given by Mr. Julian Hardinge, General Manager, International Library Services, John Smith & Son, UK and the British Council's

Global Library Supplier of Books, on September 30, 1997. The talk was organised by DELNET in collaboration with the British Council. It was presided over by Mr. P. Jayarajan, Library and Information Service Manager (India) of the British Council.

Mr. Hardinge elaborated on how to take advantage of the electronic communications for EDI (Electronic Data Interchange). He also described the basic requirements for EDI, how it reduces routine work load and increases accuracy. Mr. Hardinge gave a demonstration of the facilities and services offered by John Smith & Son and also how EDI facilities could be accessed.

Ms. Suzanne McMahon, South Asia Specialist, University of California at Berkeley gave a talk on "Digital Resources for South Asian Studies" on January 3, 1998. Ms. McMahon spoke of the different digital resources and tools such as bibliographic and full text databases, electronic mail transfer, fax, CD-ROMs, INTERNET and web-sites, etc. and how they were being used by South Asian Studies at the University of California at Berkeley. She also mentioned the statistical data on magnetic tapes which was being provided at the University of California and other institutions. Ms. McMahon described in detail the digital resources in multimedia databases.

Ms. McMahon discussed the creation of the Buddhist Pali canon on CD-ROM at their institution that enabled the researchers to find Pali words within hours, which earlier used to take a long time. Summarising her talk, she said that though much has been done in the electronic media for information technology there were still many gaps in South Asian resources and universities and other institutions should work together to develop resources to fill these gaps.

DELNET, in collaboration with IGNCA, organised a lecture on "Extension of Network Services to Libraries in Maine (USA)" by Mr. Paul Schroeder, a doctoral scholar at the Department of Spatial Information Science and Engg. at the University of Maine, on August 8, 1997 at the India International Centre.

Mr. Paul Schroeder observed how several technological institutions and public libraries in Maine were connected electronically. He referred to the extensive document delivery system and ILL facili-

ties being used by them.

DELNET, as a mark of completion of a decade of its existence, started a series of annual lectures. The first annual lecture was delivered by Mr. N. Vittal, Chairman, Public Enterprises Selection Board on January 5, 1998 at the India International Centre. He spoke on "Information Technology and Library Networking: The Challenges Ahead".

Mr. Vittal at the outset emphasised the importance of the user, which he considered was the ultimate test of an information scientist. He discussed the challenges in information technology and library networking from different angles. He elaborated on digital libraries, major ways of accessing information through them and the basic technology for communication.

Mr. Vittal went on to talk about the challenge of vision and congratulated DELNET for having a clear set of objectives. He then projected the type of paradigm changes and challenges that were going to take place in the libraries. He suggested methods to tackle these issues in India and to achieve the set goals, which included augmenting of the financial resources and amendments needed to be made by the concerned universities for upgrading their curricula and access methodologies.

Mr. Vittal concluded by hoping that these ideas might change people's minds and create the right climate in the country.

Besides arranging lectures and seminars, our staff have participated in seminars and conferences and presented papers.

The Assistant Network Manager had participated in the 14th FID/CAO Congress and Assembly, held in New Delhi during November 20-21, 1997 at INSDOC. She presented a paper on "DELSEARCH: An Offline E-mail Based Database Access System". The paper discussed the newly developed information retrieval tool. DELNET also participated in the Annual ILA Conference in November 1997 held at Chandigarh. The Assistant Network Manager presented a paper on "Sustainable Networking Technology: The DELNET Experience". It was favourably received by the participants.

The Director, DELNET participated in a seminar on MARC Records organised by the American Center Library on January 27, 1998. His paper was entitled "DELNET and MARC".

Staff Facilities

DELNET has been facing the problem of retaining staff from the start as no permanent positions were offered. Since DELNET is growing with increase in membership, number of databases and more data in each database, all these have to be regularly maintained by a system administrator. The entire communication network has to be properly maintained by keeping the modems, phone and lease lines, etc. in proper order at all the nodes. Besides these, softwares have to be constantly developed, maintained and upgraded to meet the increasing demands. Keeping these issues in mind, the Governing Board constituted the core staff comprising Director, Secretary, Assistant Network Manager, one Senior Network Assistant for providing customer support and for looking after the communication infrastructure, and one SNA/Programmer for software management. Central Government scales recommended by the Fifth Pay Commission have been given to Assistant Network Manager, SNA and Programmer w.e.f October, 1997.

Finances

The National Informatics Centre had sanctioned a sum of Rs. 7,11,400/- for 1997-98 towards the grant for the second year of the three-year project Upgradation of DELNET Facilities, Phase II, 1996-99. On request from us, the National Informatics Centre has sanctioned an additional grant of Rs. 1,90,000/- for this year on the project.

We have also received Rs. 3,15,000 through membership. In general, the DELNET's financial position is sound. Accounts are being audited regularly. Our thanks, in this regard, are due to Mr. Phillomen Dos and Mr. W. R. Sehgal for their advice and assistance.

DELNET Newsletter

This year two issues of the DELNET Newsletter were brought out and distributed to members, universities, departments of library science and the concerned institutions.

Documentary of DELNET

Doordarshan (DDI) telecast a 15-minute documentary on DELNET on January 25, 1998. DELNET began receiving several queries and

requests from individuals and institutions, after watching the programme.

Acknowledgements

The increase in DELNET databases and services has been possible due to the continued support from NIC. Our sincere thanks are due to NIC for their financial assistance. We are grateful to Dr. N. Seshagiri, Director-General, NIC for his support, help and advice. We are also grateful to Dr. N. Vijayaditya, Deputy Director-General, Mr. H. Madhava Reddy, Technical Director, Dr. P. K. Mishra, Head, UNIX Division Mr. R. K. Goyal, Head, BASISplus Division and Ms. Nita Verma, Head, Multimedia and Presentation Division of NIC, who are constantly lending their support to our operations.

The Board of Trustees of IIC have been giving their full support to DELNET. We are indebted to them for allowing the use of the Centre, especially the Library. Our thanks are especially due to Dr. (Mrs.) Kapila Vatsyayan, President; Mr. Soli Sorabji, Vice-President, Mr. N. N. Vohra, Director and Mr. N. H. Ramachandran, Secretary of the Centre. Our thanks are also due to the Centre's staff, especially those of the Library, who lend us a helping hand.

I would like to express my gratitude to the Department of Culture, Ministry of Human Resource Development, especially to Dr. B. P. Singh, former Secretary and Dr. R. Vaidyanatha Ayyar, the present Secretary for associating DELNET with their various programmes. Our special thanks are due to Dr. Ayyar, Mr. S. Satyamoorthy and Mrs. Humera Ahmed of the Department of Culture for associating DELNET with the National Bibliographic Database Pilot Project.

I am indebted to the members of the Governing Board and Dr. S. Varadarajan, President, Mr. N. N. Vohra, Vice-President and Mr. P. Jayarajan, Treasurer for their help, support and advice. I would especially like to thank DELNET staff for their sincerity and dedication to their work. My thanks are also due to the Heads and Librarians of the member-libraries of DELNET for their cooperation.

March 31, 1998

H. K. Kaul
Director

Institutional Members:

- All India Association for Christian Higher Education
- All India Institute of Medical Sciences
- All India Management Association
- American Center Library (USIS)
- British Council Division, British High Commission
- Central Electricity Authority
- Central Road Research Institute
- Central Secretariat Library
- Centre for Development of Telematics
- Centre for Human Sciences, Embassy of France
- Centre for Policy Research
- College of Naval Warfare, Mumbai
- College of Vocational Studies
- Council of Scientific and Industrial Research
- Defence Scientific Information and Documentation Centre
- Delhi College of Engineering
- Delhi Public Library
- Delhi University Library System
- Department of Electronics
- Devahuti Damodar Library of Indian Civilisation
- Ecole Francise D'Extreme Orient, Pondicherry
- Foundation for Organisational Research and Edu. Trust: FORE
School of Management
- India International Centre

- Indian Agricultural Research Institute
- Indian Council of Agricultural Research
- Indian Institute of Advanced Study, Shimla
- Indian Institute of Education, Pune
- Indian Institute of Forest Management, Bhopal
- Indian Institute of Mass Communication
- Indian Institute of Public Administration
- Indian Institute of Technology, Delhi
- Indian National Science Academy
- Indian Oil Corporation, Ltd.
- Indian Oil Institute of Petroleum Management, Gurgaon
- Indian Society for Afro-Asian Studies
- Indira Gandhi National Centre for the Arts
- Indira Gandhi National Open University
- Institut Francais de Pondichery, Pondicherry
- Institute for Defence Studies and Analysis
- Institute for Studies in Industrial Development
- Institute of Economic Growth
- Institute of Management Technology, Ghaziabad
- Jamia Millia Islamia
- Jawaharlal Nehru University
- Lady Shri Ram College
- Lal Bahadur Shastri Institute of Management
- National Council for Cement & Building Materials, Ballabhgarh

- National Council of Educational Research & Training
- National Institute of Educational Planning & Administration
- National Institute of Financial Management, Faridabad
- National Institute of Health and Family Welfare
- National Institute of Immunology
- National Institute of Punjab Studies (Bhai Vir Singh Sahitya Sadan)
- National Institute of Science Communications (PID)
- National Medical Library
- National Physical Laboratory
- National Social Science Documentation Centre (NASSDOC)
- Nehru Memorial Museum & Library
- Planning Commission
- Press Trust of India
- Research & Information System for the Non-Aligned and Other Developing Countries (RIS)
- Russian Centre of Science and Culture, Russian Embassy
- Sahitya Akademi
- Shastri Indo Canadian Institute
- Shri Ram College of Commerce
- Solid State Physics Laboratory
- Tata Consultancy Services, Gurgaon
- Vallabhbhai Patel Chest Institute

Institutional Member Overseas

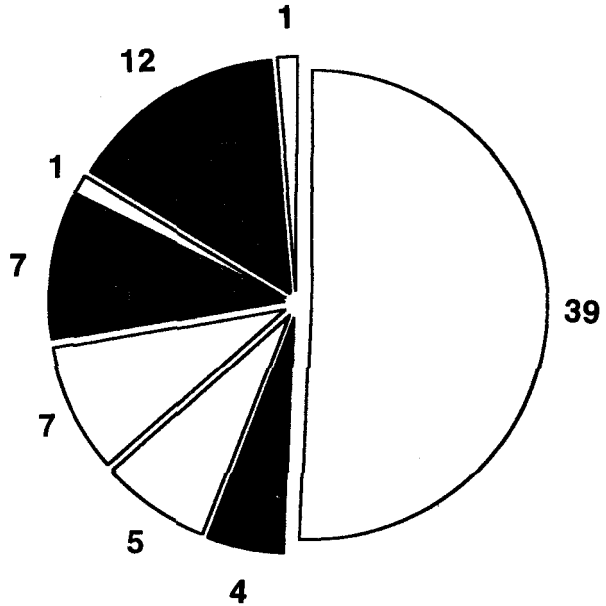
- University of California at Berkeley, USA

Associate Institutional Members:

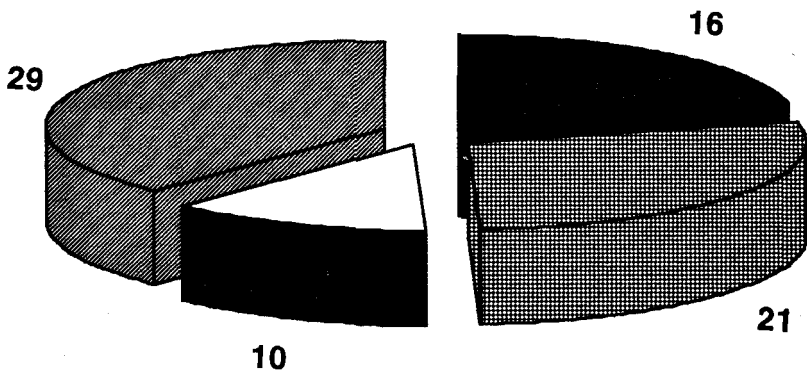
- All India Council for Technical Education
- Bharat Heavy Electricals Ltd.
- CSIR Centre for Bio-Chemical Technology
- Delegation of the European Commission in India
- DGMI, Army Headquarters
- Power Finance Corporation Ltd.
- Oxford University Press, New Delhi

DELNET Libraries - Its Kinds

- | | | |
|----|------------------------------|----|
| 1. | Research/Special Libraries.: | 39 |
| 2. | Public Sector Undertakings: | 4 |
| 3. | University: | 5 |
| 4. | College: | 7 |
| 5. | Diplomatic Missions: | 7 |
| 6. | Publishers: | 1 |
| 7. | Government Departments: | 12 |
| 8. | Public Libraries: | 1 |



DELNET Member-Libraries: (Subject Wise)



- | | | |
|----|-------------------------|----|
| 1. | General : | 16 |
| 2. | Humanities: | 10 |
| 3. | Social Sciences: | 21 |
| 4. | Science and Technology: | 29 |

Research Advisory Committee

1. Dr. S. Varadarajan, *Chairman*
2. Mr. H. K. Kaul
3. Prof. T. Viswanathan
4. Dr. S. Ramakrishnan
5. Dr. N. Vijayaditya
6. Mr. Henry Mendelsohn
7. Prof. R. Satyanarayana
8. Mr. P. Jayarajan
9. Mr. R. K. Srivastava
10. Dr. P. K. Jayaswal

Standardisation Committee

1. Dr. S. S. Murthy, *Chairman*
2. Mr. H. K. Kaul
3. Mr. S. Deshmukh
4. Dr. Mrs. Neela Jagannathan
5. Mr. S. Majumdar
6. Dr. T. A. V. Murthy
7. Mr. T. Viswanadham

Admission Committee

1. Mr. H. K. Kaul
2. Dr. K. G. Tyagi
3. Mrs. M. Vijayalakshmi