INFLIBNET Centre

Annual Report
(April 1, 2004 to March 31, 2005)

Information and Library Network Centre
(An Inter University Centre of the University Grants Commission)
Ahmedabad – 380 009

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It gives me immense pleasure in bringing out the Annual Report 2004-05 of the Information and Library Network (INFLIBNET) Centre. The report highlights an array of programmes, initiatives and achievements made by the Centre during 2004-05 with support and encouragement of University Grants Commission and all others associated with it. The period has been remarkable and eventful in reaching to all parts of the country including North Eastern States and the Nation's Capital. During the period, the usage of UGC-Infonet E-journals Consortium has substantially increased among the academic community. Needless to say that the Centre is playing a very important role in reaching young minds and academics through these initiatives in facilitating their information needs. This has opened a great source of strength and inspiration to the scientific and professional colleagues in the Centre. The regular training programmes including IRTPLA, E-Resources awareness and SOUL are moving at a faster rate with newer inputs and skills. Multi-skilled young professionals have been inducted into the scientific cadre of the Centre in the capacity of regular and project scientists. We have also taken up appropriate role in e-learning and e-content initiatives of UGC in collaboration with Common Wealth of Knowledge. The Centre's involvement in the All India Vice Chancellor's meet and other national fora has facilitated a great deal in moving the UGC-Infonet E-journals consortium to reach out to large academic population across the country. The potential resources of the Centre in terms of expertise and infrastructure have attracted Kendriya Vidyalaya Sanghatan, New Delhi to train the library and information manpower in the latest ICT applications. The productivity, in terms of quantum of work in all divisions, has grown many folds, besides a large number of research publications at national and international levels. Reputed professionals and academic bodies have started recognizing the talent by means of awards to INFLIBNET staff. All these activities are attributed to the shrinking manpower with the utmost dedication.

I am thankful to the Chairman, GB, FC and Council members and UGC officials for their continued support and encouragement. I am happy to express sincere thanks to my devoted staff. I am looking forward to their continued supports and encouragements.

(T A V Murthy)
Director

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1. Introduction

The INFLIBNET is an autonomous Inter-University Centre (IUC) of the University Grants Commission (UGC) located at the Gujarat University Campus, Ahmedabad. Major activities and services of the Centre are geared towards modernization of academic libraries and information centres, to promote information transfer and access, to support scholarship, learning and academic pursuits. The Centre acts as a nodal agency for networking of libraries and information centres in universities, institutions of higher learning and R & D institutions in India. It was established as an independent autonomous Inter-University Centre (IUC) of UGC in May 1996 and set out to be a major player for promoting scholarly communication among academicians and researchers across the country.

2. Vision and Mission

- To usher the country in the era of Information Technology allowing the academic and research community to derive its benefits;

- To create a wave of awareness through out the country about IT;

- To improve capability in information transfer and access, that provides support to scholarship, learning, research and academic pursuits;

- To carry out modernization of libraries and information Centres in the country, with application of computer and communication technologies; and

- To encourage a cooperative endeavor in resource development, sharing and its utilization at national level using the IT-enabled services.

3. Objectives

The Objectives and functions, for which INFLIBNET Centre was established, as per its Memorandum of Association (MoA), are:

a) To promote and establish communication facilities to improve capability in information transfer and access, that provide support to scholarship, learning, research and academic pursuit through cooperation and involvement of agencies concerned;

b) To establish INFORMATION AND LIBRARY NETWORK "INFLIBNET" – a computer communication network for linking libraries and information Centres in universities, deemed to be universities, colleges, UGC information centres, institutions of national importance and R&D institutions, etc. avoiding duplication of efforts;

i. to promote and implement computerization of operations and services in the libraries and information centres of the country, following a uniform standard;

ii. to evolve standards and uniform guidelines in techniques, methods, procedures, computer hardware and software, services and promote their adoption in actual practice by all libraries, in order to facilitate pooling, sharing and exchange of information towards optimal use of resources and facilities;

iii. to evolve a national network interconnecting various libraries and information centres in the country and to improve capability in information handling and services;

iv. to provide reliable access to document collection of libraries by creating on-line union catalogue of serials, theses/ dissertations, books, monographs and non-book materials (manuscripts, audio-visuals, computer data, multimedia, etc.) in various libraries in India;

v. to provide access to bibliographic information sources with citations, abstracts, etc. through indigenously created databases of the Sectoral Information Centres of NISSAT, UGC Information Centres, City Networks and such others and by establishing gateways for on-line accessing of national and international databases held by national and international information networks and centres respectively;

vi. to develop new methods and techniques for archival of valuable information available as manuscripts and information documents in difference Indian languages, in the form of digital images using high density storage media;

vii. to optimize information resource utilization through shared cataloguing, inter-library loan service, catalogue production, collection development and thus avoiding duplication in acquisition to the extent possible;

viii. to enable the users dispersed all over the country, irrespective of location and distance, to have access to information regarding serials, theses/dissertation, books, monographic and non-book materials by locating the sources wherefrom available and to obtain it through the facilities of INFLIBNET and union catalogue of documents;

ix. to create databases of projects, institutions, specialists, etc. for providing on-line information service;

x. to encourage co-operation among libraries, documentation centres and information centres in the country, so that the resources can be poled for the benefit of helping the weaker resource centres by stronger ones; and

xi. to train and develop human resources in the field of computerized library operations and networking to establish, manage and sustain INFLIBNET.

c) To facilitate academic communication amongst scientist, engineers, social scientists, academics, faculties, researchers and students through electronic mail, file transfer, computer/audio/video conferencing, etc;

d) To undertake system design and studies in the field of communications, computer networking, information handling and data management;

e) To establish appropriate control and monitoring system for the communication network and organize maintenance;

f) To collaborate with institutions, libraries, information centres and other organizations in India and

abroad in the field relevant to the objectives of the Centre;

g) To promote R&D and develop necessary facilities and create technical positions for realizing the objectives of the Centre;

h) To generate revenue by providing consultancies and information services; and

i) To do all other such things as may be necessary, incidental or conducive to the attainment of all or any of the above objectives.

4.   Governance

The Apex body of Governance of INFLIBNET Centre is Governing Council which takes decision with regard to the policy matters and larger issues concerning to the development of the Centre. The Governing Council is headed by the Chairman, University Grants Commission (UGC) as Ex-officio President of the Council. Financial decisions are taken by the Finance Committee. The executive decision making body is Governing Board and Chairman of the Governing Board is nominated by the President of the Council and Director of the INFLIBNET Centre is the Member Secretary of the Governing Board.

The composition of Governing Board, Governing Council and Finance Committee and their present members are given below:

Governing Council	
Dr. Arun Nigavekar (President) Chairman University Grants Commission Bahadur Shah Zafar Marg New Delhi - 110 002	**Director General** (Member) CSIR Rafi Marg New Delhi - 110 001
Prof. V. N. Rajasekaran Pillai (Member) Vice Chairman University Grants Commission Bahadur Shah Zafar Marg New Delhi - 110 002	**Chairman** (Member) ICSSR JNU Institutional Area Aruna Asaf Ali Road, P B No.10528 New Delhi - 110 067
Dr. S. Ramani (Member) Director, Research HP Labs India Sterling Square No.3, Madras Bank Road Bangalore - 560 001 (Karnataka)	**Director** (Member) National Library Belvedere Kolkatta - 700 027 (West Bengal)
Dr. Ved Prakash (Member) Secretary University Grants Commission Bahadur Shah Zafar Marg New Delhi - 110 002	**Dr. M. D. Baby** (Member) University Librarian Cochin University of Science & Technology (CUSAT) Kochi - 682 022 (Kerala)

Chairman (Member) AICTE Indira Gandhi Sports Complex I P Estate, Ring Road New Delhi 110 002		**Dr. Gulshan Rai** (Member) Executive Director ERNET India 6, CGO Complex, Lodhi Road New Delhi 110 003	
Shri Shyed Shahid Mahdi (Member) Vice chancellor Jamia Milia Islamia Mohamad Alijawahar Marg, Jamia Nagar Delhi - 110 025		**Dr. T.A.V. Murthy** (Member Secretary) Director INFLIBNET Centre Gujarat University Campus Post Box No.4116, Navrangpura Ahmedabad - 380 009	
Dr. P. Prakash (Member) Joint Secretary (IUC) UGC, Bahadur Shah Zafar Marg New Delhi - 110002			

Governing Board

Dr. S. Ramani (Chairman) Director, Research HP Labs India Sterling Square No.3, Madras Bank Road Bangalore - 560 001 (Karnataka)		**Prof. G. Barua** (Member) Head Computer Science and Engineering, Indian Institute of Technology, Institution of Engineers Building, Guwahati – 781 011 (Assam)	
Prof. V. N. Rajasekharan Pillai (Member) Vice Chairman University Grants Commission Bahadur Shah Zafar Marg New Delhi 110 002		**Member Secretary** (Member) AICTE Indira Gandhi Sports Complex I P Estate, Ring Road New Delhi -110 002	
Dr. Ved Prakash (Member) Secretary University Grants Commission Bahadur Shah Zafar Marg New Delhi - 110 002		**Dr. Y. Venkatarami Reddy** (Member) Vice Chancellor Jawaharlal Nehru Technological University Mahaveer Marg, Masab Tank Hyderabad – 500 028, Andhra Pradesh	
Prof. A. U. Patel (Member) Vice Chancellor Gujarat University Navrangpura Ahmedabad - 380 009.		**Dr. N. S. Rame Gowda** (Member) Vice Chancellor Karnataka State Open University Manasagangothri Mysore - 570 006.	
Dr. S. Venkateswaran (Member) Director Birla Institute of Tech. & Science Pilani - 333 031 (Rajasthan)		**Prof. V. N. Boraskar** (Member) Director Inter University Consortium IUC, DAE Facilities Indore (Madhya Pradesh)	

Prof. Shalini Urs (Member) Professor, Library & Inf. Science University of Mysore Mysore - 570 067 (Karnataka)		**Dr. T. A. V. Murthy** (Member/Secretary) Director, INFLIBNET Centre Gujarat University Campus Post Box No. 4116, Navrangpura Ahmedabad - 380 009 (Gujarat)	
Prof. Nupur Prakash (Member) School of Information Technology Guru Gobind Singh Indraprastha University Kashmere Gate Delhi - 110 006		**Dr. P. Prakash** (Bureau Head) Joint Secretary (IUC) UGC, Bahadur Shah Zafar Marg New Delhi - 110002	

Finance Committee

Dr. S. Ramani (Chairman) Director, Research HP Labs India Sterling Square No.3, Madras Bank Road Bangalore - 560 001 (Karnataka)		**Head** (Member) Project Planning Bureau University Grants Commission Bahadur Shah Zafar Marg New Delhi - 110002	
Dr. Ved Prakash (Member) Secretary University Grants Commission Bahadur Shah Zafar Marg New Delhi - 110 002		**Shri S. M. Salgar** (Member) Scientist-G INFLIBNET Centre Post Box No. 4116 Navrangpura, Ahmedabad - 380 009.	
Dr. S. Venkateswaran (Member) Director Birla Institute of Tech. & Science Pilani - 333 031 (Rajasthan)		**Shri C. K. Shah** (Member/Secretary) Admn. Officer (F&A) INFLIBNET Centre Post Box No. 4116, Navragpura Ahmedabad - 380 009.	
Dr. T. A. V. Murthy (Member) Director, INFLIBNET Centre Gujarat University Campus Post Box No.4116 Navragpura, Ahmedabad - 380 009.		**Dr. P. Prakash** (Special Invitee) Joint Secretary (IUC) UGC, Bahadur Shah Zafar marg New Delhi - 110002	
Shri Pawan Agarwal (IAS) (Member) Financial Advisor University Grants Commission Bahadur Shah Zafar Marg New Delhi - 110 002.			

5.   Major Activities, Functions and Services

5.1. Union Databases

The development of union databases of various library resources i.e. books, journals and theses has been one of the most important activities of the Centre since its inception. In the beginning, centre funded potential universities of the country for creating bibliographic records of their library collections, the union databases available at the Centre is an outcome of the financial and logistic support offered to the universities by the Centre. The following eight databases have been developed and are continuously growing:

- Books
- Theses
- Serial holdings
- Current serials
- Secondary serials/CD-ROMs
- DDC serials
- Subject Experts
- Research projects

The Centre has taken initiative of building union catalogues of academic libraries, which contains bibliographic description of holding information for books, serials and theses in all subjects area held in university and institution libraries in India. INFLIBNET's union catalogues are traditional union catalogues, in which records from multiple sources and formats are incorporated in to a single database. Recently, entire database platform have been changed and a new web-based search engine has been developed and deployed on the web. The main feature of the new interface is that it is an integration of different databases on one server, which contains 56 lakh unique records of books, 1,52,050 records of Ph.D. theses and over 12,829 unique titles of serials with 44,560 holdings.

The Centre has developed its own web-based interface for providing access of union catalogues for books, theses and serials since 1998, with an in-house developed search engine using PERL language. With the continuous effort for creating quality databases, the Centre decided to design a new system for union database related activities. The development was completed in three areas as mentioned below:

i) Data Warehouse

Uploading of bibliographic records to the server was one of the main hurdles that the Centre was facing for a longtime which was very tedious and time consuming. Thus, the backend database was changed to MS-SQL server and a number of new software tools i.e. ETL (Extract, Transform, and Load) were deployed which allows smooth and speedy transportation of huge authenticated data to the main database server.

ii) Enterprise Application Integration

Six databases at INFLIBNET had different search components and it was a requirement to integrate all of them into a single interface. Reusability and interoperability of object, better performance through connection pooling, web-based application management console, platform independent application, etc. were the major requirements for it. Hence, it was decided to use J2EE as a basic platform for developing the new search engine and WebLogic Application Server as Middleware, which uses EJB, Servlets, JavaMail, JDBC 2.0 and Type 4 Pure Java Driver to Connect RDBMS Server.

iii) Client Requirements and Usability

New interface design includes a number of features and facilities including options in search form and user's result set. Client side validation is required to control unusual traffic. User friendly is a key feature of new web interface. Some of the important features are listed below:

- Integrated search across 6 databases
- Generating the ILL request from the web
- Feedback form for tracking the error in the records
- Efficiency in the search term with user-friendly help messages
- Provision for advanced search
- Navigation of records with various display formats
- Various access points

Screen shot of the search interface for theses database is given below
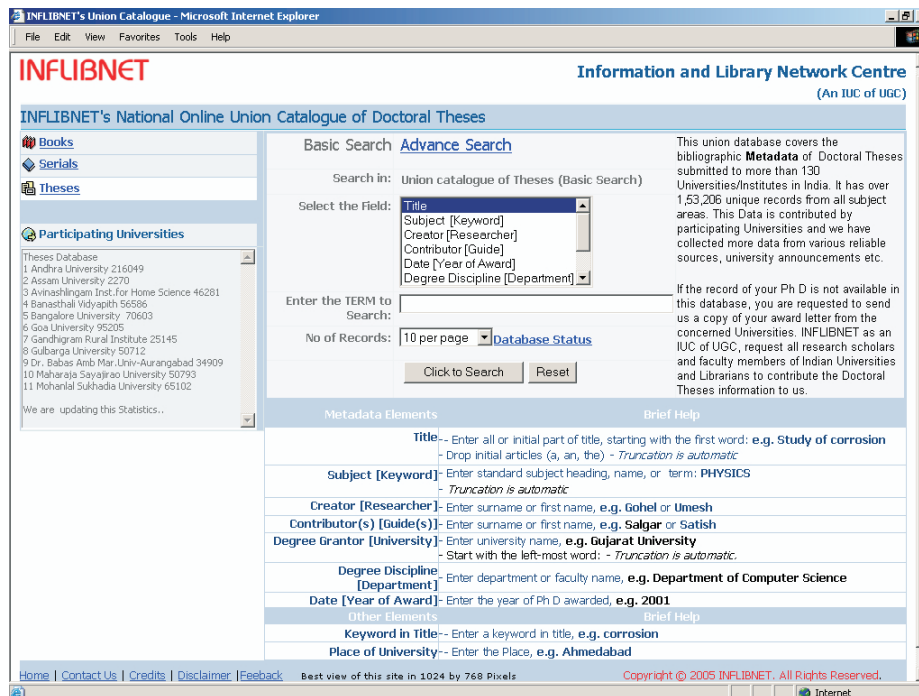
5.1.1. Serials Databases

Following are the status of the serials databases during the report period 2004-2005.

Sl. No	Database Name	Titles/Holdings	Number of Records	Number of Contributing Institutions
1.	Current Serials	Unique Titles	13,831	210
		Serials Holdings	58,275	
2.	Serials Holdings	Unique Titles	17,935	109
		Serials Holdings	57,993	
3.	Secondary Serials	Unique Titles	822	122
		Serials Holdings	1,905	
4.	Current Serials List of Document Delivery Centres	Unique Titles	3,688	6
		Serials Holdings	5,236	

5.1.2. National Union Catalogue of Serials in Academic Libraries (NUCSAL)

The Centre brought out the CD-Rom named National Union Catalogue of Serials in Academic Libraries (NUCSAL) Database. The NUCSAL CD-ROM covers databases of current serials, serials holdings, secondary serials, six DDC serials and list of electronic resources subscribed under the UGC-Infonet E-journals Consortium. This handy catalogue was prepared with a view to facilitate sharing of library resources among various university and institution libraries to fulfill one of the major objectives of the Centre. Serials covered in the union catalogue have been listed alphabetically by title. With each title, minimum bibliographic details have been provided along with the Library Codes. The data was received from Indian universities and institution libraries. These databases can be accessed on Centre's website at http://www.inflibnet.ac.in as well with latest updates.

5.2. Software R & D Group

In order to support library automation across the country under the UGC setup, the INFLIBNET has created prevailing "Software Research & Development Group" to develop suitable library management software and to provide support and solution to all other related activities at the Centre and national level. In the initial stage, attempts were made to induce automation culture in libraries with ILMS and CDS/ISIS software along with customized patches while distributing it to libraries for bibliographic database creation.

On demand from university libraries and in order to give further boost to the library automation, the SOUL software was designed and developed based on the experience gained over the years. The first version of SOUL was released in the year 2000. In the last few years, two updates have been released based on the user requirements and functional enhancements. The software adheres to the international standards like CCF, AACR2, MARC 21, which has been well acknowledged by professional experts including Library of Congress Office, New Delhi. Evaluation, testing and openness to recent developments are some of the added features of the SOUL.

The pains and efforts of the interdisciplinary group of scientists involved in the pursuit of the SOUL software

have attracted acceptability in academic and private sectors of the country. As on date, we have installed SOUL at over 700 locations and a huge number of installations are in pipeline.

This group is handicapped due to insufficient manpower and finding it difficult in coping up with the after-sell support and new developments. Although, this group is constrained with the workload and somehow managing the developmental activities by project trainees of B.E., M.C.A., B.Tech and M.Tech students. The centre has engaged four retired librarians as "SOUL Coordinators" with minimum support to cater to the operational needs of different parts of the country. The new version of the SOUL software having latest features will be released in near future.

Under the Software R & D, the Centre is promoting open source digital archival solutions like "Greenstone" and "DSpace". One such remarkable search application of these efforts has been put on http://dspace.inflibnet.ac.in as an INFLIBNET's digital repository.

5.3. UGC-Infonet

UGC Infonet is an ambitious programme of UGC that interlinks all the universities in the country with state-of-the-art network technology. The network will overlay on ERNET backbone and provide Internet and Intranet services to the beneficiary universities. The current status of the UGC-Infonet Connectivity Programme is as follows:

Sl.No.	Particulars	Nos.
1.	Agreement Signed	131
2.	Funds Released from UGC	150
3.	PO Received by ERNET	112
4.	Site Survey/Link Procurement Started	4
5.	Site Survey/Link Procurement Completed	9
6.	Equipment Shipped	5
7.	Installation in Progress	14
8.	Existing ERNET Links	21
9.	Links Commissioned	80

5.4. UGC-Infonet E-Journals Consortium

It is an impossible task for a single library to acquire all the resources for their patrons as the universities across the country have budget problems and at the same time the cost of information access is increasing in geometric proportions. As a result, libraries have to compromise on the quality and quantity of resources they acquired for access. Fortunately, the electronic publications through Consortium has made easy access to large number of electronic resources at an affordable cost as more and more publishers offer competitive models when the resources are subscribed under a package. It proved that the resources subscribed through consortium yields lot of savings and provides access to large number of resources at much affordable cost. It is now easy to deal with publishers as a Consortium since they will have single contact for payment and can provide access to resources in electronic form to all the members of the consortium through IP addresses. The Consortium subscription of e-resources has resulted in overall savings of more than 85-90% as compared to print subscriptions by individual universities.

The UGC-Infonet E-Journal Consortium started with 50 universities in 2004. Later in 2005, the programme was extended to another 50 universities totaling to 100 universities. The remaining universities have been provided trial access and later they will be provided access based on their actual usage and requirements. The project is initially for three years and will be reviewed at the end of three years. 100 universities have signed MOU with the UGC and INFLIBNET for making use of these resources. The UGC provides fund to the INFLIBNET for executing the programme, which is offered will be free-of-cost to the universities.

Access to about 4000 scholarly journals and databases are made available to 100 universities. The access to various e-journals started from January 1, 2004.

5.4.1. Objectives

The UGC-Infonet E-Journals consortium has the following objectives:

- To subscribe electronic resources for the members of the Consortium at a highly discounted rate and under the best negotiated terms and conditions;

- To extend benefit of consortium-based subscription to all Indian universities and colleges;

- To extend benefit of consortium-based subscriptions to associate members of the Consortium;

- To impart training to the users, librarians, research scholars and faculty members of the institutions on the electronic resources aiming to optimize the usage of electronic resources;

- To have more interaction amongst the member libraries;

- To increase the research productivity of the institutions in terms of quality and quantity of publications;

- To evaluate the usage of the resources subscribed; and

- To understand further the resources required to be subscribed based on the availability of funds.

5.4.2. Subject Coverage

The Consortium also aims for providing full-text access to journals and databases in all areas of learning viz.

- Arts, Humanities and Social Sciences

- Physical and Chemical Sciences

- Life Sciences

- Computer Science, Mathematics, Statistics etc

5.4.3. Current Status

The Consortium agreements have been signed with the following publishers and the following resources are accessible to the member universities under the Consortium:

Name of the Publisher	No. of Journals/ Database	Coverage/ Back files
1. American Chemical Society	31 Journals	Vol. 1, Issue 1
2. American Institute of Physics	18 Journals	1997-Archival files vary from journal to journal.
3. American Physical Society	10 Journals	1997-
4. Annual Reviews	29 Journals	Archival access for the last ten years
5. Biological Abstract	One Database	1969-
6. Blackwell	489 Journals	1997-
7. Cambridge University Press	189 Journals	1997-
8. Chemical Abstracts Services (Sci-finder Scholar)	One Database	1907-
9. Elsevier Science (Cell Press)	34 Journals	Archival access from 1995
10. Emerald	28 Journals	2001- varies from Journal to Journal
11. Encyclopedia Britannica	National site Licensing	All Universities and colleges
12. Gateway Portal -- Ingenta	Cover more than 10,000 Journals up to abstract level	
13. Gateway Portal -- J-Gate	Cover more than 10,000 Journals up to abstract level	
13. Institute of Physics	36 Journals	Vol. 1, Issue 1
14. JSTOR	457 Journals	Vol. 1, Issue 1
15. MathSciNet	One database	1940-
16. Nature	1 Journals	1997-
17. Portland Press	4 Journals	1996-
18. Project Muse	222 Journals	1999-
19. Royal Society of Chemistry	23 Journals + 6 database	1997-
20. Science Online	1 Journals	1996 -
21. Springer & Kluwer	1217 Journals	1997-
22. Taylor & Francis	1105 Journals	1998-

Other publications are under consideration and are likely to be part of the programme very soon. Since the programme is now extended to 100 universities, the remaining universities are being provided trial access during calendar year 2005. Based on their actual usage, these universities would be included for subscription during 2006.

5.4.4. Economics of UGC-Infonet E-Journals Consortium

The UGC-Infonet E-Journals Consortium is the most ambitious initiative taken so far in the country to serve faculty and students of the universities and colleges. The benefit of consortia-based subscription to electronic resources is made available during 2004 to 50 universities and many other universities were given trial access for six months and are added to the consortium during 2005. The consortium attracted the best possible price and terms of agreement from the publishers and it has been observed that every major publisher wants to become a part of this initiative and is ready to provide the best possible economic model for the Consortium. The consortium provides access presently to around 4000 electronic journals from more than 20 publishers and aggregators. The E-Consortium link on INFLIBNET web site provides list of the journals and other features of the project.

5.4.4.1. Cost Avoidance

A study was conducted to illustrate the economics and effectiveness of UGC-Infonet E-Journals Consortium for year 2004. Savings under UGC-Infonet is calculated in terms of difference between cost paid by the Consortium for member institutions and cost payable by individual universities in case they subscribed the same resources on their own. The chart 12 depicts that there is overall savings to the tune of Rs. 113.20 crores to the national exchequer considering the fact that the same resources on list price would have costed Rs. 130.11 crores as against Rs. 16.91 crores spent by the UGC-Infonet Consortium for the year 2004. The savings is likely to be much higher in 2005 as the Consortium price works out cheaper when more universities are added.
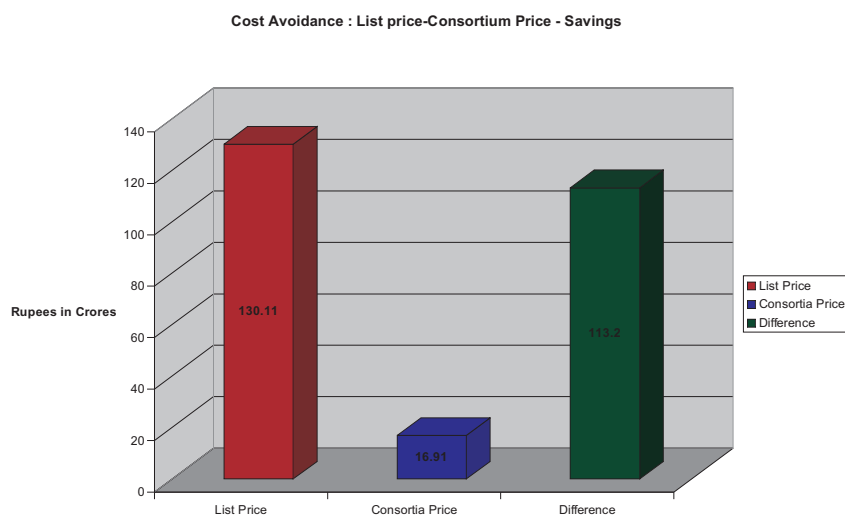

Chart 12: Cost Avoidance: List Price V/s Consortium Price

5.4.5. A Unique User of the Electronic Resources at INFLIBNET.

Under the UGC-Infonet E-Journal Consortium, INFLIBNET has subscribed online resources for the use of research and academic community of the country providing opportunity to access scholarly journals and databases. Shri Durlabbhai M Patel, born visually impaired working as a lecturer in Govt., Polytechnic, Ahmedabad and doing his Ph.D entitled "Historio–Political Readings of the Major fiction of Amitav Gosh" in English literature from Gujarat University, Ahmedabad is one among those who regularly visits the Centre to get the information for his research work. He opines that e-resources accessible in INFLIBNET is of great help for his research work and got tremendous benefit out of these with the help and co-operation of INFLIBNET staff. He fondly remembers that he got many important articles to develop his research hypothesis. He expressed that if he get the information in print he has to get it scanned and has to listen the content of the literature with the help of software called 'Jaws for Windows 5.0' a special software developed for the people, who are visually challenged.

Instead of that, he is getting the scholarly literature directly in electronic format under the UGC –Infonet E-journal Consortium, and listens it on PC with the help of 'Jaws for Windows software' by which he is saving his time and money. He says that the electronic information available in INFLIBNET is of high value as compared with print as well Braille counterpart and can get idea about latest developments in the arena of English Literature. He owes his thanks to Director and other staff at INFLIBNET for their much needed assistance in getting the valuable information and urges the authority to make arrangement for installing the 'Jaws for Windows 5.0' software, so that he can directly listen the e-content.

6. International and National Conventions

6.1. PLANNER- 2004

Second Convention entitled PLANNER 2004 (Promotion of Library Automation and Networking in North Eastern Region) was organized by the INFLIBNET Centre in collaboration with Manipur University, Imphal during 4-5 November 2004. The convention was initiated by the Centre for boosting the activities relating to automation and networking of libraries in North East Region.

The convention was inaugurated by Shri W A Shishak, Chairperson of the Manipur Human Rights Commission and former Chief Justice of Chhattisgarh and Himachal Pradesh. The Vice-Chancellor of the University, Prof N Bijoy Singh presided over the function and Shri. Abdul Awal, Deputy Director of UGC, Bangladesh was the guest of honour . Ch. Radheshyam Singh, University Librarian and Organizing Secretary welcomed the delegates. Shri Prem Chand, Scientist-C, INFLIBNET Centre and Chief Coordinator proposed vote of thanks and highlighted the efforts of INFLIBNET and UGC for modernizing of libraries by UGC-INFONET and E-Journals Consortium.

More than 150 professionals from Manipur and other states, as well as from neighboring country Bangladesh attended this convention. Thirty-four papers, grouped under three separate categories entitled `Digitization`, `Networking` and `Content Management`, were presented. A tutorial was also arranged to familiarize the delegates with the processes and technical know-how of network and digitization techniques. About 40 delegates registered for tutorials on "How to set up a LAN". Shri R K Jotin Singh, Information Scientist, Manipur University was the resource person for the tutorial.
In the valedictory function, Dr. T A V Murthy, Director INFLIBNET highlighted the role of INFLIBNET and its

endeavour to serve the academic community in India through network environment. He urged faculty members to exploit the resources available under the Consortium. During the valedictory function, Prof. Bijoy Singh released a book entitled "Library Without Walls" written by Dr. A P Singh and Dr. T A V Murthy.

Dr. Lahari acted as Rapporteur General of the convention and read out the recommendations of the convention emerged out of the deliberations during various technical sessions.

6.1.1. Recommendations

1. Greater attention should be given for increasing the 'number of computers' (along with required Bandwidth) in all the INFLIBNET nodes of the North East Region. The computers purchased before 2000 must be replaced by new ones with latest and modern technology. Shortage of adequately 'skilled staff' in every member libraries of the region is to be dealt with immediately.

2. Insufficient 'financial resources' of every library is to be dealt by keeping adequate provision in the University-budget separately for 'INFLIBNET Programme' (particularly, after lapse of five years term from its establishment).

3. Training courses' are to be organized frequently for updating the knowledge of the personnel involved in the programme. The personnel should be given permission and other support for participating in such courses and for conducting researches on the subject.

4. Implementation of the 'terms and conditions' of MoU between INFLIBNET and the concerned University are to be monitored at regular interval for success of the INFLIBNET programme.

5. For creating 'full-text database of Ph. D. Theses (ETD)', the scholars are to be instructed to submit two copies of the thesis in CD form (One for concerned university and other one for INFLIBNET, Ahmedabad) at the time when they normally submit their theses in hard copies.

6. The concerned University should extend its monetary-support to the INFLIBNET for organizing PLANNER-Convention in the region.

7. The 'North East Council' should be requested for the implementation of the recommendations adopted in one of its Seminars in 1986 in connection with the development of Library & Information Centres in the region. The Council is also to be requested to support financially for organizing the convention of PLANNER in the region every year.

8. For easy access to the various databases of the journals under the UGC-Infonet Programme, the INFLIBNET should specify the 'Quantum of Bandwidth' allocated for university library out of 'Total Bandwidth' sanctioned for the whole university.

9. All the university–libraries from North East Region should regularly contribute their bibliographic data to INFLIBNET, Ahmedabad for maintaining and updating union catalogue.

6.2. International CALIBER 2005

INFLIBNET's Annual International CALIBER -2005 was successfully held at Cochin University of Science and Technology (CUSAT), Kochi during 2-4 February 2005. This was the 12th convention in the series and was the third International event. The theme of CALIBER-2005 was 'Multilingual Computing and Information Management in Networked Digital Environment.' The convention was well attended by more

than 280 national and international delegates, guests and press-media. A good number of LIS students also participated in this convention.

The convention was inaugurated by Shri E Ahmed, Hon'ble Union Minister of State for External Affairs, Govt. of India. Dr Edward Proctor, Electronic Resources Librarian and Associate professor, South West Missouri State University, USA delivered the keynote address. Dr. S Ramani, Chairman, GB-INFLIBNET, Dr. T A V Murthy, Director, INFLIBNET, Dr. P K Abdul Asiz, Vice-Chancellor, CUSAT and Dr. P Prakash, Joint Secretary, UGC also spoke at the inaugural session.

Dr. A. Ramachandran, Registrar. CUSAT, welcomed the dignitaries, panel members and the assembled invitees and guests. Dr. (Mrs.) M. D. Baby, Organising Secretary, CALIBER 2005 and University Librarian, CUSAT, proposed vote of thanks. Other dignitaries present on the occasion were: Shri Lopuz Mathew, Member, CUSAT Syndicate and Dr. A Arvindakshan, Member, CUSAT Syndicate.

The topics covered in this year's international CALIBER-2005 featured a combination of innovative technology - Multilingual Computing – Information Management – Networking- Digital Environment to bring more efficiency, agility and continuity in the library and information services. Total deliberations of CALIBER-2005 were divided into five technical sessions under four sub-themes viz. Content and Information Management, Multilingual Computing and Natural Language Processing, Digital Libraries and Services and Digital Information Processing and Interoperability. The proceeding, containing eighty-six full text papers and a number of abstracts, presented in the form of well organised and edited volume, was brought out as pre-convention publication. Each sub-theme had presentation of invited paper from a well-known professional.

In the Concluding session on the last day, Dr. Soumitra Sarkar, University Librarian, University of Calcutta and the Rapporteur General of the convention, delivered the report of technical sessions. The Session was chaired by Dr. P K Abdul Asiz, Vice-Chancellor, CUSAT, Kochi. Dr. Nupur Prakash, Member, GB-INFLIBNET, delivered the Valedictory Address. Dr. T A V Murthy, Director, INFLIBNET, distributed mementos to invited guests, addressed the participants on the occasion and proposed vote of thanks.

6.2.1. Recommendations and Resolutions

Major recommendations emerged out of the deliberations at this convention are as follows

i) For University Grants Commission (UGC)

- There was a unanimous view that the UGC-Infonet E-Journals Consortium activity is being well piloted and executed by INFLIBNET (UGC). The role of INFLIBNET was greatly appreciated and admired. Further, it was suggested to extend the facilities to colleges across the country, including multi-campus universities, by releasing adequate funds;

- There is also an urgent need to create awareness of IT based training and automation among the school libraries be entrusted to INFLIBNET;

- Institutions and Industrial R&D Units etc. may also be included as members through a MoU by INFLIBNET for extending these facilities;

- INFLIBNET may be entrusted with higher responsibilities relating to content creation and management by way of coordinating with CEC, ERNET etc. agencies in the E-learning programmes; and

- A Multilingual Database must be created.

ii)   For INFLIBNET

- Large number of training programmes for creating awareness among the information seekers in academic, R&D and Industrial sectors be conducted by involving institutions;

- Issues relating to Digital Libraries/current topics of interest be organised as tutorials in the CALIBER to facilitate the participants with more understanding;

- Keeping in view the growing demand, the SOUL library software developed by INFLIBNET, be extended beyond the geographic territory of India; and

- Critical studies relating to utilization of the bandwidth and e-journals provided to the universities may be taken up on regular basis and thereby help the system for effective performance.

iii) For Universities and Colleges

- Expedite bibliographic data in the machine-readable form for adding it to the national union database maintained at INFLIBNET on regular basis;

- Data relating to Ph.D theses to be supplied on continuing basis without any interruption to the National Union Database created at INFLIBNET; and

- SOUL library related issues be addressed to list-serve groups created by INFLIBNET for quick services.

7. Workshops, Conferences, Meetings and Seminars

7.1. IRTPLA Training Programmes

Following six IRTPLA training programmes were conducted during the period under report:

7.1.1 IRTPLA, Mohan Lal Sukhadia University, Udaipur, 8th to 12th March 2004

The INFLIBNET Regional Training Pogramme on Library Automation (IRTPLA) was held at Mohanlal Sukhadia University, Udaipur during 8-12, March 2004. Twenty-one participants participated in the programme from different libraries in the region. Prof. A K Singh, Vice Chancellor, Mohanlal Sukhadia University, inaugurated the programme. Sh. S M Salgar, Senior Scientist, INFLIBNET delivered keynote address focusing on the initiatives of the Centre with special reference to SOUL software and UGC-Infonet. Sh. H G Hosamani and Ms. Vaishali Parikh were the resource persons from INFLIBNET. Prof. K K Sud, Officer–In-Charge of the library acted as a coordinator for the programme.

7.1.2. IRTPLA, Himachal Pradesh University, Simla, 26th to 30th July 2004

IRTPLA training programme for Himachal Pradesh was organized at Himachal Pradesh University, Simla on 26-30 July 2004. Prof L R Verma, Vice Chancellor, inaugurated the programme. Shri Prem Chand Scientist-C and Shri Suresh Kumar Project Scientist from INFLIBNET were the resource persons from the INFLIBNET Centre and Shri R P Sharma acting Librarian was the coordinator for the programme. 30 library professionals participated in the programme.

7.1.3. IRTPLA, University of Kashmir, Srinagar, 20th to 24th September 2004

IRTPLA training programme for the state of Jammu and Kashmir organized at Allama Iqbal Library, University of Kashmir, Srinagar on 20th - 24th September 2004. Prof. Reyaz Rufai University Librarian was the coordinator of the Programme. Twenty-one participants attended the training programme.

IRTPLA is regularly organised by the INFLIBNET in collaboration with universities at different parts of the country to generate awareness about library automation and other emerging trends in LIS. In addition to the above-mentioned programmes, following more IRTPLA were held as per details given below:

Venue	State	Dates	No. of Participants
Bundelkhand University, Jhansi	Uttar Pradesh	4-8 October 2004	28
Karnataka State Women's University, Bijapur	Karnataka	2-6 November 2004	35
Dr. B.A. Marathwada University, Aurangabad	Maharashtra	20-24 December 2004	30
Shivaji University, Kolhapur	Maharashtra	14-18 March 2005	20

7.2. SOUL Training Programme

SOUL Training Programme was conducted at the INFLIBNET Centre and other places as per the details given below:

Programme Number	Venue	Date	Number of Participants
23	INFLIBNET Centre, Ahmedabad	19-23 April 2004	20
24	HARTON, Chandigarh	15-17 May, 2004	16
25	INFLIBNET Centre, Ahmedabad	21-25 June, 2004	18
26	INFLIBNET Centre, Ahmedabad	26-30 July, 2004	20
27	INFLIBNET Centre, Ahmedabad	11-15 October, 2004	15
28	INFLIBNET Centre, Ahmedabad	29 Nov - 3 December, 2004	19
29	INFLIBNET Centre, Ahmedabad	3-7 January, 2005	18
30	INFLIBNET Centre, Ahmedabad	21-25 February, 2005	17
31	INFLIBNET Centre, Ahmedabad	1-5 March, 2005	22

7.2.1. SOUL Installations & Training Programme in Madhya Pradesh

The INFLIBNET Centre has made an agreement with Commissioner of Higher Education, Govt. of MP for Library automation in Government Colleges of the state by using SOUL Software. The Centre has received 91 orders for supply and installation of SOUL Software. Looking into the huge user base and special agreement, SOUL was modified according to the special requirements and updated version was distributed to the participants. As per the agreement, the INFLIBNET Centre conducted the following training programmes on SOUL installation and usage in Madhya Pradesh:

Venue	Date	Number of Participants
Govt. Gitanjali Girls College, Bhopal (MP)	06-17 December 2004	26
Holkar Science College, Indore (MP)	06-17 December 2004	30
Govt. Model Science College, Jabalpur (MP)	06-17 December 2004	20
INFLIBNET Centre, Ahmedabad	03–07 January 2005	16
INFLIBNET Centre, Ahmedabad	21–25 February 2005	16
INFLIBNET Centre, Ahmedabad	1-5 March 2005	22
INFLIBNET Centre, Ahmedabad	28 March – 1 April 2005	16

7.2.2. SOUL Installations & Training Programme in Gujarat

i) The INFLIBNET Centre has received bulk order from the Director of Libraries, Govt. of Gujarat for supply of 17 copies of SOUL software for their district public libraries of Gujarat. Training to their staff in Gujarati language was arranged during 1-5 March 2005 and total 22 participants attended this Programme.

ii) Gujarat Education Research and Training Council, Govt. of Gujarat has also ordered SOUL Software for their libraries of the District College of Primary Teachers Training Centres.

iii) The SOUL Coordinators meeting was held at INFLIBNET Centre to review the status.

iv) Appointed Shri Ravindran Asari (Rt. Librarian) as Co-ordinator for Tamil Nadu & Kerala States. Sh. Asari can be contacted at Trans Software Solutions, Lathika Arcade, Van Ross Jn., Housing Board Road, Trivandrum - 695001, E-mail: krasari@rediffmail.com.

7.3. UGC-Infonet Management Training programme

UGC-Infonet is one of the ambitious programme of UGC for building high-speed nation-wide communication network for Indian universities. ERNET/INFLIBNET is regularly organising series of network management training programmes for computer professionals, system analysts from universities to manage/maintain the UGC-Infonet at their respective universities.

Ninth Training Programme for Computer Professionals was held during 28 June - 03 July, 2004 at ERNET India, New Delhi. Eleven participants from selected universities attended this programme. Shri Meharban Singh, Senior Manager, ERNET India and Shri S K Sharma, Scientist–B, INFLIBNET Centre were the course coordinators.

Tenth Training Programme for Computer Professionals was held during 25-30 October, 2004 at ERNET India, New Delhi. Ten participants from selected universities attended this training programme. Eleventh training programme was organized on 21-26 February 2005 at ERNET India, New Delhi. Eleven participants from selected universities attended the programme. Total 140 professionals from 129 universities have participated in the UGC-Infonet Management Training Programme till 21st March 2005.

UGC has constituted a new Central Connectivity Monitoring Committee (CCMC) for monitoring the entire project. First meeting of this committee was held under the chairmanship of Dr. Arun Nigavekar, Chairman, UGC on February 16, 2005 at UGC Headquarters, New Delhi. The Committee identified the INFLIBNET Centre as a nodal agency responsible for monitoring the scheme. The Centre would recommend for increase in the bandwidth of the universities on the basis of request and bandwidth utilization of the universities. A sub-committee was also setup to work on virus and spam on university network under the Chairmanship of Prof. D. Kanhare, University of Pune, Pune. As on date 134 universities across the Country are connected under the UGC-Infonet Project with VSAT/ SCPC/ Leased line in the bandwidth range of 256 KBPS/ 512 KBPS/ 1MBPS/ 2MBPS.

7.4. Users Awareness Programme on E-Resources

Awareness is the key to exploit and utilize the scholarly literature in a better way. There was a need to inform all the faculty, research scholars, students and library professionals to understand the benefit of this programme in the light of huge resources made available first time in the country for higher education sector. In order to facilitate the access of scholarly resources to research and academic community as per the recommendations of UGC and the National Negotiation Committee, the Centre conducted five national seminars with the following objectives;

- To inform the users about the UGC-Infonet initiatives;

- To inform number of features such as article alerts, TOC alerts etc. to scholars;

- To spread awareness about the UGC-Infonet E-Journals Consortium and its resources;

- To know the additional resources required for meeting the users expectations;

- To serve and strengthen the higher educational system of our country through more effective, efficient and systematic approach; and

- To provide a platform to discuss the important issues of UGC-Infonet e-journals consortium at national level.

The programmes were conducted at five cities and each programme covered the following topics:

- Presentations on new initiatives of UGC-Infonet and e-journals program;

- Presentation by invited speakers;

- Demonstrations, exhibitions, commercial presentations;

- Panel discussion to discuss the important issues relating to e-journals/databases; and

Participants

The User Awareness attracted a large number of faculty and research students and the professionals from library and information science. Over 100 participants from different universities participated at each venue. Delhi had attracted more than 200 participants. The seminar provided unique opportunity to know more about the access to scholarly journals and databases which was not available few years ago, and enabled the participants to understand different types of resources subscribed and made available for access. Presentations by different publishers were also arranged at venues generating user awareness about the advantages of electronic access with features like the article alerts, table of contents alerts, etc. Experts were invited for the presentations on various emerging topics.

Venue	Date	Coordinator
M S University, Vadodara	25-26 October 2004	Dr. K H Shukla
Goa University, Goa	1-2 November 2004	Dr. P V Konnur
Bangalore University	29-30 November 2004	Dr. M Anjanappa
Jadavpur University, Kolkatta	10-11 December 2004	Prof. K K Mallik
University of Delhi	14-15 December 2004	Prof. K M Srimali & Dr. Suresh Jindal

Dr. V S Cholin, Scientist-B from INFLIBNET coordinated the above seminars.

7.4.1 Workshops on E-Resources Management Using Resources offered under the UGC-Infonet E-Journals Consortium

Under the UGC-Infonet programme two persons from each university one with computer background and one with library background were trained at ERNET and INFLIBNET, respectively. Dr. V S Cholin, Scientist-B, coordinated the programmes at INFLIBNET Centre. Total 96 participants from 96 universities have benefited from six such workshops conducted till 31st March 2005. During the period of report following two programmes were conducted.

The 5th Workshop on E-Resources Management using UGC-Infonet was organized by INFLIBNET during 17-21, May 2004. The Workshop was inaugurated by Prof. Dayanand Dongaonkar, Secretary General, Association of Indian Universities, New Delhi. Speaking on the occasion, Prof. Dongaonkar highlighted this important initiatives of UGC and the role of INFLIBNET in enhancing higher education in the country. He

also said that whether it is a private university or government university, the users must have access to resources. Depending on the status, some universities pay for providing access and some won't pay as UGC would pay for them. Dr. T A V Murthy, Director, INFLIBNET, in his presidential remarks, highlighted the importance of UGC- Infonet initiated by the Chairman, UGC and role of INFLIBNET in enhancing the higher education system in India. 16 lectures /demonstrations made during 5 days programmes included 2 lectures by invited resource persons and presentations by the publishers viz. Informatics India Pvt. Limited, Global Information Science and Technology, Springer and Kluwer, and Elsevier Science, the faculty from INFLIBNET handled the remaining sessions. These lectures mainly focused on implementation of UGC-Infonet and network management and e-resources covered under the programme. Besides the lectures, there were demonstrations and practical sessions on setting up LAN, network security, mail server, web server, access to chemical abstracts, access to biological abstracts, access to gateway portals, access to Cambridge, Elsevier Science and other titles, digital library software using GSDL, web designing etc. 15 participants attended the programme. The "hands-on" was given for accessing the resources.

The 6th Workshop on E-Resources Management using UGC-Infonet was organized by INFLIBNET during 12th to 16th July 2004. The workshop was inaugurated by Prof. M N Desai, former Vice Chancellor, Gujarat University. In his inaugural address, he appreciated the efforts of UGC-Infonet for providing access to scholarly content and urged the librarians to take the maximum benefit and meet the individual requirements of academicians. 19 participants attended the programme.

7.5. Workshop on Network Configuration and Management, Udaipur, 13th to 17th December 2004

Mohanlal Sukhadia University, Udaipur organized a workshop on "Network Configuration and Management" in collaboration with INFLIBNET Centre from 13 – 17 December 2004 at Udaipur. Major objectives of the workshop were to provide knowledge of design, maintenance of campus wide local area network, network security and bandwidth management. Hands on experience on configuration of Linux, Network Server, Proxy Server, Web Server, Mail server and Firewall were provided. The Workshop received overwhelming response. Twenty participants from different universities/institutions attended this Workshop. Shri Manoj Kumar K, Scientist–D and Shri S K Sharma, Scientist-B from the INFLIBNET were the faculty member for the Workshop. Dr. K. Venugopalan, Co-ordiantor, Internet Centre, MSU and Shri. S.K.Sharma, Shri. H.G.Hosamani, Scienstist –B, INFLIBNET were the course coordinators.

7.6. User Awareness Training Programme at Different Universities

Thirty-six user awareness-training programmes were conducted at different universities till March 31, 2005. A team of two staff members from INFLIBNET Centre visited these universities and conducted the programmes with support from local coordinator at universities. The programmes had overwhelming responses at most of the universities. The Centre would conduct such programmes at regular interval to update users pertaining to the facilities extended by the INFLIBNET through UGC.

During the period under report, 20 one-day user awareness programmes for using e-resources were conducted at 20 universities under the Consortium for faculty members, research scholars and librarians of the universities. A list of the universities with the date organized is given below:

Sl. No	Venue	Date	INFLIBNET Faculty
1.	Sardar Patel University, Vallabh Vidyanagar	01.04.2004	Dr. V S Cholin
2.	Mangalore University, Mangalore	05.04.2004	Shri K Prakash & Shri Raghavendra Patil
3.	University of Pune, Pune	05.04.2004	Dr. V S Cholin & Shri Sunil Dandawani
4.	Anna University, Chennai	05.04.2004	Shri B Ramesh & Shri Suresh Kumar
5.	Avinashilingam Institute (Deemed University), Coimbatore	06.04.2004	Shri B Ramesh & Shri Suresh Kumar
6.	Shivaji University, Kolhapur	06.04.2004	Dr. V S Cholin & Shri Sunil Dandawani
7.	University of Mysore, Mysore	07.04.2004	Shri K Prakash & Shri Raghavendra Patil
8.	Karnatak University, Dharward	07.04.2004	Dr. V S Cholin & Shri Sunil Dandawani
9.	Madurai Kamraj University, Madurai	07.04.2004	Shri B Ramesh & Shri Suresh Kumar
10.	Bangalore University, Bangalore	08.04.2004	Shri K Prakash & Shri Raghavendra Patil
11.	Goa University, Goa	08.04.2004	Dr. V S Cholin & Shri Sunil Dandawani
12.	Pondicherry University, Pondicherry	08.04.2004	Shri B Ramesh & Shri Suresh Kumar
13.	University of Kerala, Thiruvananthapuram	20.04.2004	Shri Manoj Kumar K & Shri J K Vijayakumar
14.	Cochin University of Science and Technology, Kochi	22.04.2004	Shri Manoj Kumar K & Shri J K Vijayakumar
15.	University of Calicut, Kozhikode	23.04.2004	Shri Manoj Kumar K & Shri J K Vijayakumar
16.	Mahatma Gandhi University, Kottayam	27.04.2004	Shri Manoj Kumar K & Shri J K Vijayakumar
17.	North Eastern Hill University, Shillong	18.05.2004	Dr. T. Temjen & Ms Satyabati Devi
18.	Tezpur University, Tezpur	19.05.2004	Dr. T. Temjen & Ms Satyabati Devi
19.	Manipur University, Imphal	21.05.2004	Dr. T. Temjen & Ms Satyabati Devi
20.	T.K.M. College of Arts and Science	23.11.2005	Sh. J K Vijaykumar

7.7. One-day UGC-Infonet Awareness Seminar for Principals of Delhi University Colleges, New Delhi, March 21-23, 2005

The INFLIBNET Centre has provided e-resources to the universities. The Centre's challenges are to provide training and support to academic community. The goad is achieved by offering extensive training programmes, establishing nationwide support and control system at Ahmedabad. This awareness programme was, therefore, conducted for the principals of colleges of University of Delhi in three groups depending on the zone. The venues were selected accordingly to conduct the programme for a day at three different places viz. Deen Dayal Upadhaya, Shri Venkateswara and Hindu College covering colleges at North, South, East and West Delhi.

7.7.1. UGC-Infonet Awareness Seminar, Deen Dayal Upadhyaya College, New Delhi, 21st March 2005

Thirteen College principals attended the programme and 24 nominees and librarians from East and West Zone participated. Principal of Deen Dayal College, Dr. Suresh Garg welcomed the fellow principals and participants. Prof V N Rajasekharan Pillai, Vice Chairman, UGC was the Guest of Honour. In his address, Prof. Pilai complimented the effort of INFLIBNET in bringing the UGC initiatives to the academic community in an effective manner. He also told that UGC is planning to give UGC-Infonet to 200 colleges in the first phase. The programme was inaugurated by Dr Gulshan Rai, Executive Director, ERNET India. Prof J L Sardana, Retd. Professor, University of Delhi, delivered the keynote address emphasizing the need of creating a network of colleges like the network of Universities. Sh Manoj Kumar K, Scientist-D of the Centre addressed the participants and conveyed the message of Director to the Principals. He also proposed vote of thanks on behalf of the organizers and the INFLIBNET Centre. Inaugural session of the programme was followed by technical session on INFLIBNET activities by Sh. Manoj Kumar K. Sh. Prem Chand, Scientist-C of the INFLIBNET Centre took a session on "How to Access E-Journals through the UGC-Infonet". In the afternoon session, Dr Suresh Jindal presented case study of Delhi University's experience on UGC-Infonet. This session was followed by Ms Sangeeta Kaul on DELNET services and activities. Dr A P Singh shared his experience in establishing a portal for academic institutions. The publishers of e-resources gave demonstrations of features and availabilities of their resources. Prof J L Sardana concluded the programme and vote of thanks was proposed by Dr Suresh Jindal.

7.7.2. UGC-Infonet Awareness Seminar, Sri Venkateswara College, New Delhi, 22nd March 2005

Sixteen College principals attended at the Awareness Programme at the Sri Venketeswara College. Principal of Srivenketeswara College, Dr A S Reddy welcomed the fellow principals and participants of the programme. Prof V N Rajasekharan Pillai, Vice Chairman, UGC was the Guest of Honour. The programme was inaugurated by Dr V K Gupta, Director, NISCAIR. Prof J L Sardana delivered the keynote address. Inaugural was followed by a technical sessions by Dr S Majumdar, Librarian, Central Secretariat Library on Accessing Open Access Journals. Sh Manoj Kumar K, Scientist D, Sh. Prem Chand, Scientist-C, Dr Suresh Jindal and Dr A P Singh took various sessions. The publishers of e-resources gave demonstrations of features and availabilities of their resources.

7.7.3. UGC-Infonet Awareness Seminar, Hindu College Delhi, 23rd March 2005

Thirty-five College principals and their nominees participated in the third programme. Principal of Hindu College, Dr.(Mrs.) Kavita Sharma welcomed the fellow principals and participants. Dr T A V Murthy, Director, INFLIBNET was the Guest of Honour. In his address, Dr. Murthy enlightened the participants about activities and new initiatives of INFLIBNET. He also projected the proposed model for the college. The programme was inaugurated by Dr Kiran Datar, Dean of Colleges, Delhi. She complimented the effort of INFLIBNET and gave a wakeup call to all the principals to equip with the technology so that they can survive in the competitive educational field and attract more students. Prof J L Sardana delivered the keynote address. Inauguration of the programme was followed by technical sessions by Dr Majumdar, Sh Manoj Kumar K, Dr Suresh Jindal, Sh Premchand and Dr A P Singh. Participating publishers of Consortium were invited to give demonstration on their e-resources.

7.8. Result of Survey Regarding UGC-Infonet E-Journals Consortium

A questionnaire was designed by the Centre for finding out the usefulness of the seminar and for understanding the benefit of the initiative. User requirement was also a part of the study. The following analysis gives an understanding of the user feedback:
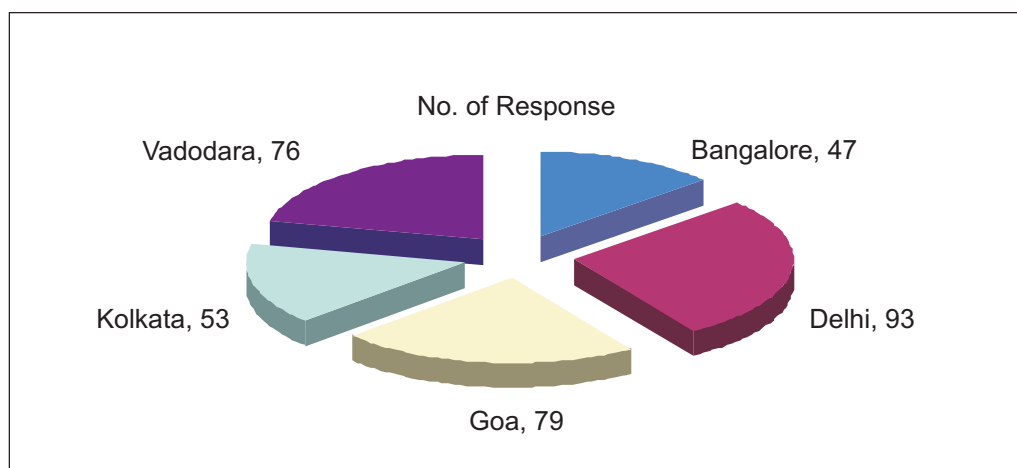
Chart 1 : Number of Participants responded to the feedback

The representation of participants in the chart 1 shows that major portion of participants are from local university where the seminar was held, however looking at the response there were good number of universities participated with at least one participant from nearby university for spreading the message.

Awareness Programme on UGC-Infonet: The participants were asked to inform whether they were aware about the UGC-Infonet initiative of scholarly journals access, if they were aware about it. The main source of their awareness was identified and shown in chart 2 below:
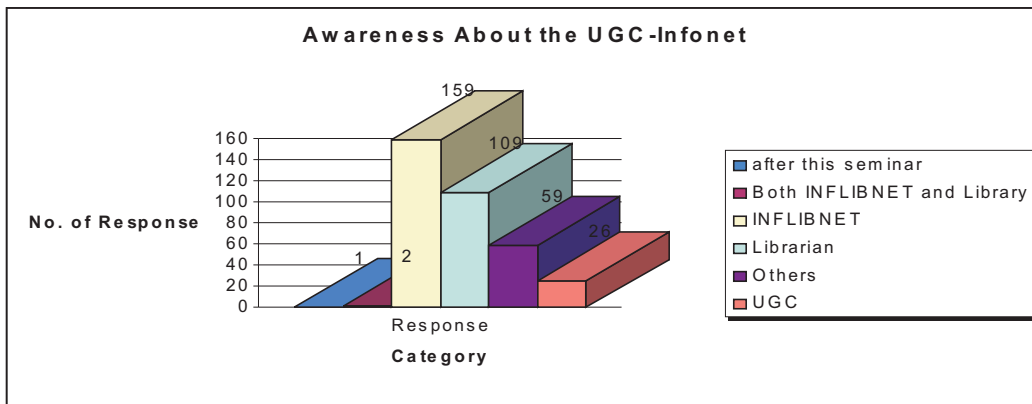
Chart 2: Awareness of UGC-Infonet

The chart 2 shows that 159 (44%) participants came to know about the programme through INFLIBNET and 109 (31%) said they have got the information from their Librarians. 59 (17%) participants mentioned that they got information from some other source, while 26 (7%) informed about the awareness though UGC. Some mentioned that they came to know from both INFLIBNET as well as Librarian.

Internet Access: This question was asked to find out whether the participant has the Internet access in their universities before attending the seminar. The question was asked to get an understanding about the Internet facility extended to universities by the UGC.

Chart 3: Access to Internet

This chart 3 shows that 294 (83%) participants were aware of the Internet facility in the university while 62 (17%) expressed they did not know about the availability of Internet access in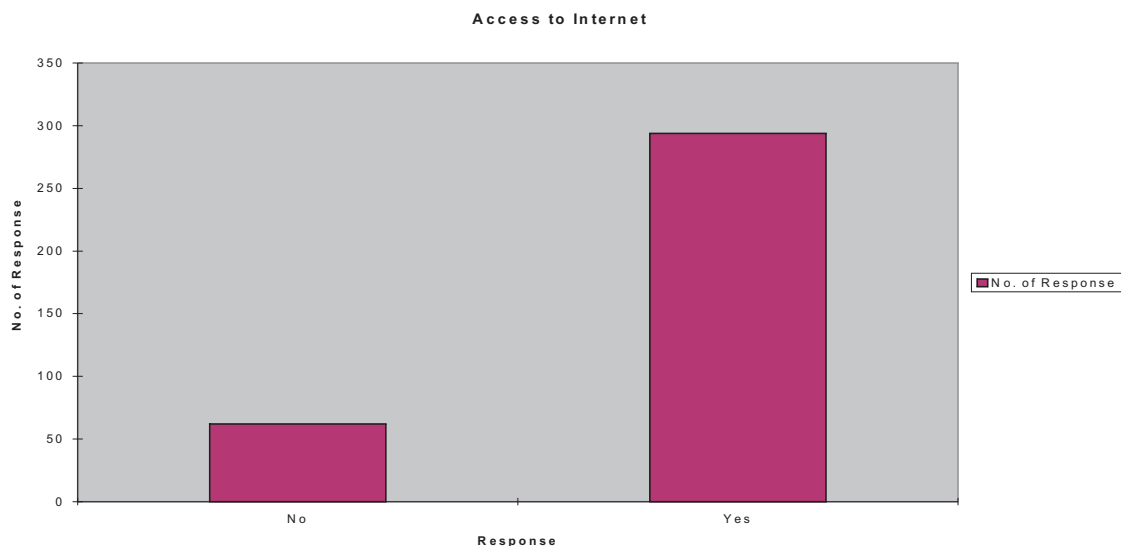 the university. It reflects the lack of implementation of UGC-Infonet at these places. The report recommends to the authorities including the librarians for conducting more awareness programme on the same.

Use of Internet: This question was asked to find out how the Internet facility is being utilized by the faculty, students and librarians. The chart 4 shows that many users (99) use the facility for all services such as e-mail, browsing Internet, databases, and e-journals. However, the data shows that the Internet used for e-mail and browsing, email and database, email and e-journals, email, database, e-journals, etc. with different combinations. Some participants informed that they use it for database searching only and some said that they use it for database and e-journals. 14 participants not responded.

Use of Internet

Category	No. of Responses
NR	14
Email, E-Journals	30
Email, Database, e-Journals	9
Email, Database	8
Email, Browsing, E-Journals	32
Email, Browsing, Database	13
Email, Browsing	39
Email	43
E-Journals	23
Database, E-Journals	4
Database	14
Browsing, E-journals	2
Browsing, Database, E-journals	3
Browsing, Database	4
Browsing	19
All	99
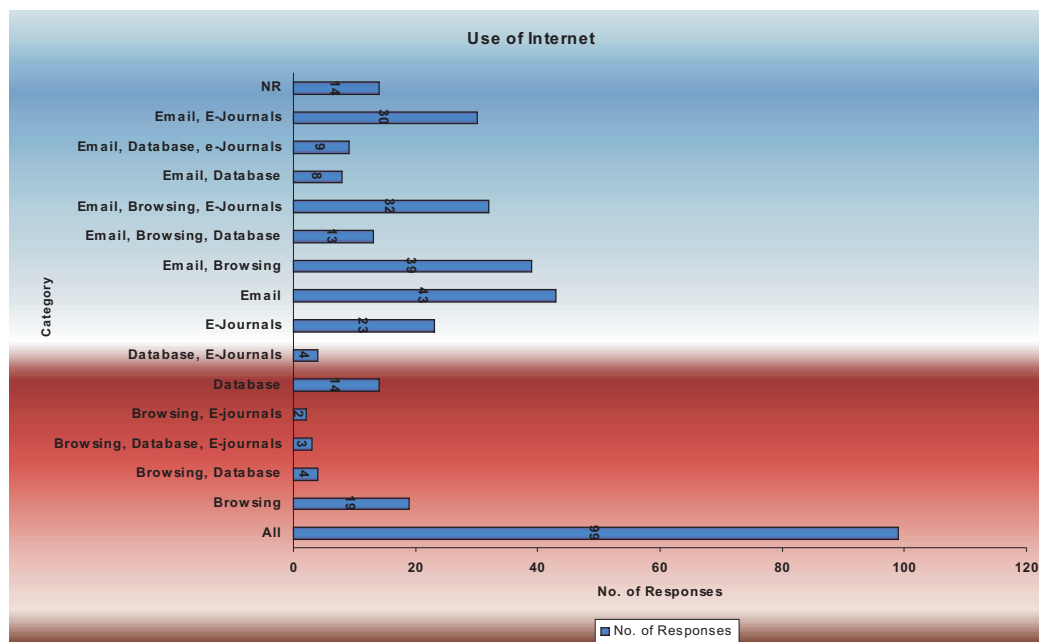
Chart 4: Use of Internet for different Activities

Where do the Faculty and Research Scholars Access Internet?: The question was asked to find out the place where participants access the Internet? The response in chart 5 shows that majority of the participants mentioned using Internet either in their Department or in the Library. 118 (33%) participants use Internet from the Departments and 86 (24%) participants use in Library.

Use of Internet From
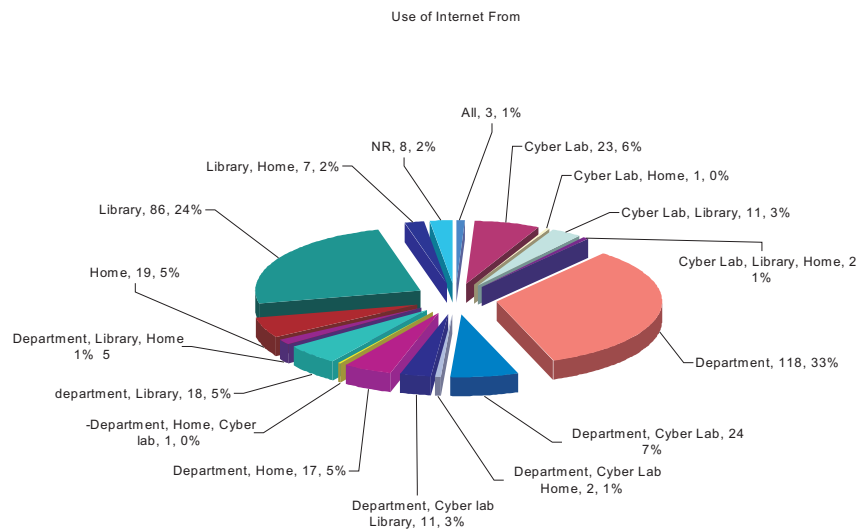
Chart 5: Use of Internet From

Journal Subscription at Universities: This question was asked to know how university libraries meet their requirements by subscribing to required number of journals. Unfortunately, the data in chart 6 shows that many universities did not subscribe journals and hence could not meet requirements of the users.
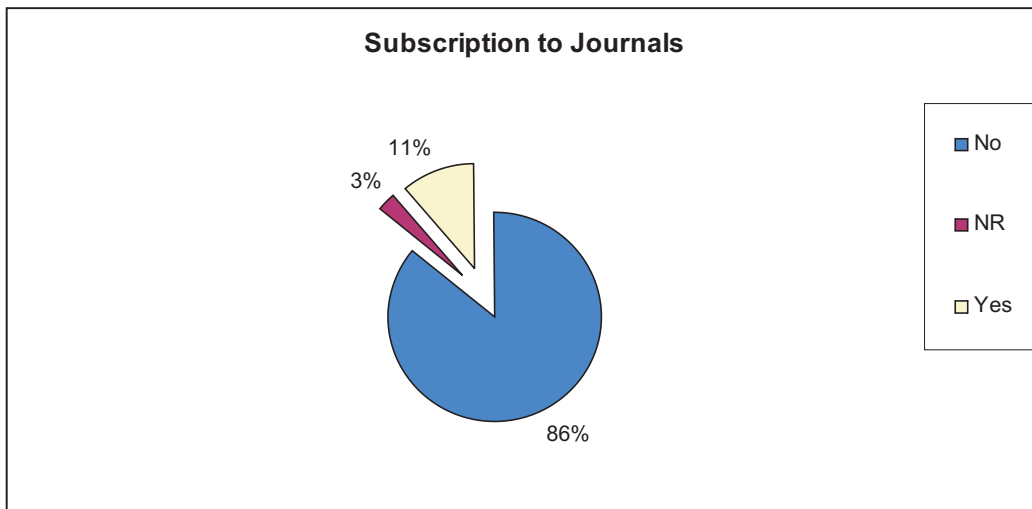
Chart 6: Journals Subscription for Meeting the User's Requirements

How Often the Journal is Accessed?: The chart 7 shows that most of the respondents read the journal article on weekly and daily basis. Few participants said they read occasionally or monthly. It is understood that the participants did not have access to journal articles and it is hoped that this would increase tremendously over a period of time.

How Often the Journal Article Read

Total	85	2	55	1	2	4	64	140	3
Category	Daily	Daily, Weekly	Monthly	monthly, Occasionally	Never	NR	Occasionally	Weekly	weekly, Monthly
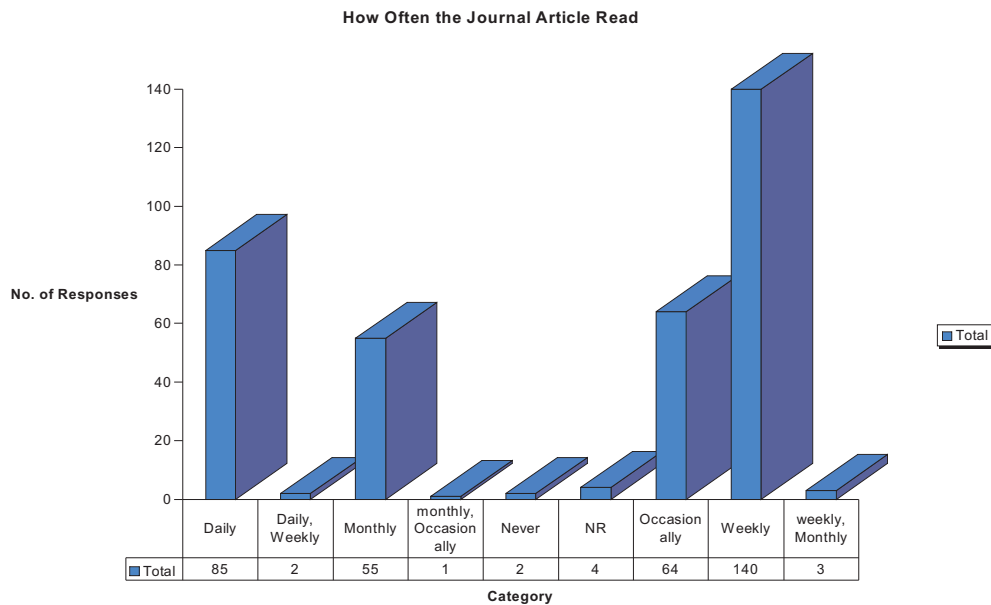
Chart 7: How often the journal is accessed?

Whether the Expectations Are Met Through UGC-Infonet: This question was asked to find out how far the expectations of users are met through this initiative. The response from the users are reproduced below in chart 8.
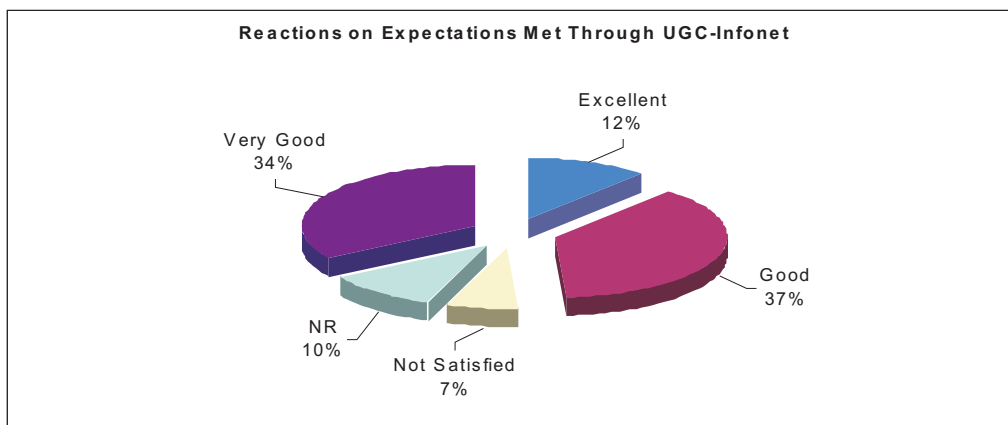

Chart 8: How expectations met through UGC-Infonet?

It may be noted that some users could not make use of resources due to low bandwidth or access problem.

Difficulty in Accessing E-Journals: Participants were asked to mention about the difficulties that they are experiencing while accessing the e-journals. As per the chart 9, 107 participants said the problem lies with the bandwidth speed, 86 do not know about the problem. 53% participants said that they are facing difficulty in accessing e-journals. 64 complained about non-availability of journals in their subject areas. Besides, 66 participants mentioned easy access of the e-journals.
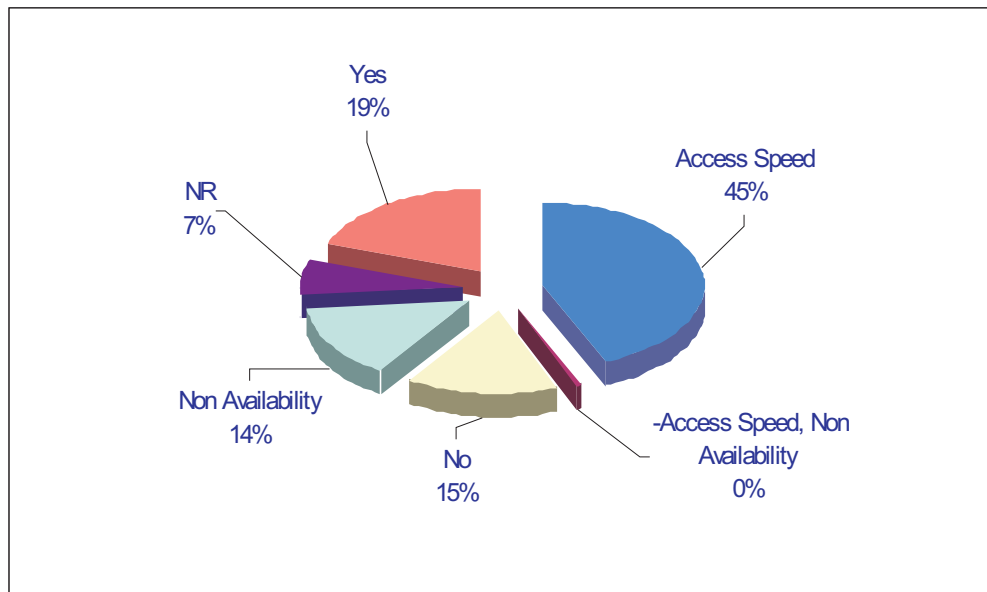
Chart 9: Difficulties in accessing e-journals

Content of the Seminar: The participants were asked to tell about the coverage of the course content for future courses. The results in chart 10 shows that 251 (71%) participants were satisfied with the contents and 83 (23%) were un-satisfied. According to them, more hands-on and subject specific trainings should be conducted. Participants also requested to increase the duration of the program. More intensive training courses are required to be conducted by INFLIBNET in collaboration with different universities on their campus by identifying potential librarians and other professionals for the success of this initiative. The individual venue wise report is also given in chart 10.
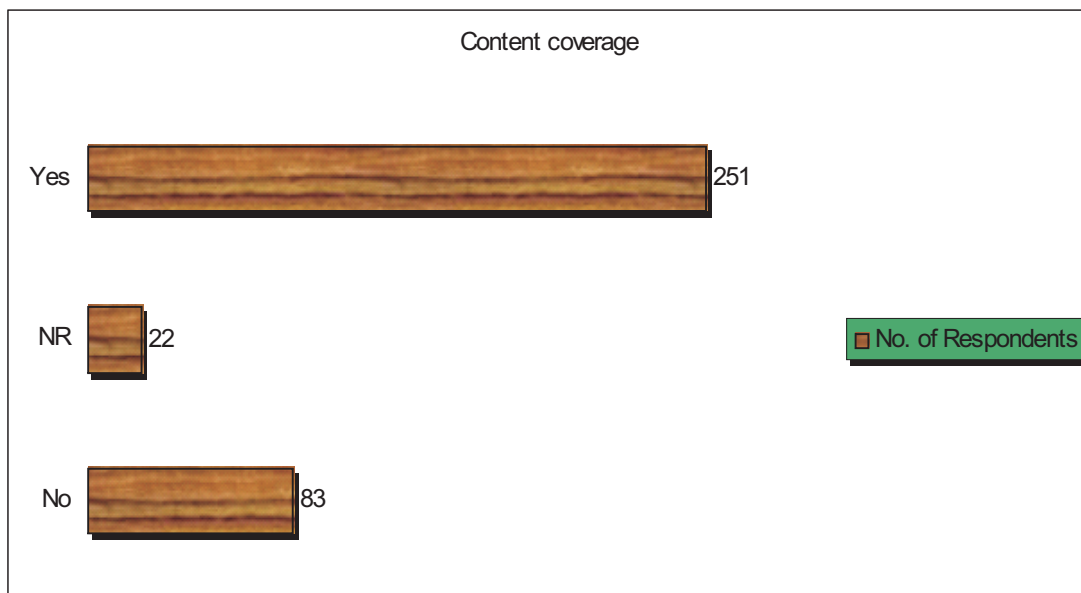
Chart 10: Contents Coverage

Whether University to be Charged for this Service: The entire UGC-Infonet service is given free-of-cost to all the universities for the first three years under the 10th five-year plan. Large number of consortia operating in different countries gets the contribution from the participating libraries after providing the service free for initial few years. The participants opinion was sought whether the university should be charged for getting the access of scholarly journals. The response shows in chart 11:
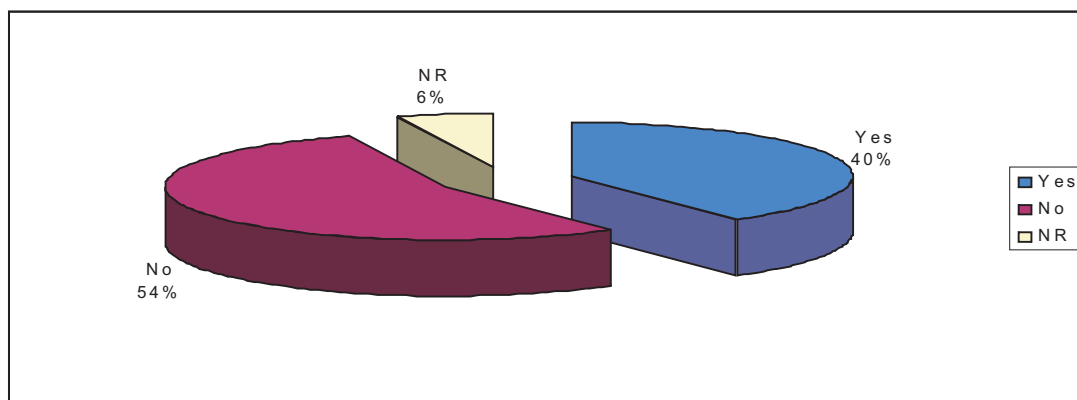
Chart 11: Universities to be charged for Services

Limitations of the study: The questionnaire designed had the limitation of not specifying the category of users. The response from faculty, students and librarians were collected, but the analysis was conducted on unified response from all categories of users. The study is restricted to only 356 participants, which is approximately 50% of the users who attended these programs.

Conclusion and Recommendations: The UGC-Infonet National Seminars conducted by INFLIBNET were well received by large number of participants basically faculty, research students and professionals from library and information science across the country. Each seminar had lots of appreciation for the vision of UGC and making it successful through INFLIBNET and providing best possible support for the research and academic work. The effort of the National Steering Committee is appreciated in selecting the publications. More and more resources are required to be made available under the programme. It was also observed that host universities get major benefit in national seminars though it provides opportunity to attend others in the vicinity of 100 kms or so. However, some faculty and research scholars may not attend due to lack of time and travel requirement. Many universities do not support participation in such programmes and the participants are required to spend their own funds. Recommendations are as follows:

1. INFLIBNET may conduct the user awareness programs of one to two day's duration at the member universities where the access is given under UGC-Infonet starting immediately;

2. INFLIBNET should provide the printed copy of the reference guides, the brochures and poster to all universities and departments from time-to-time;

3. Cover the information in all major publications and newsletter every time for the benefit of the research and academic community;

4. INFLIBNET should plan intensive training courses for the faculty and research scholars on experimental basis at few places and based on the success of the programme they may be held at other places. For conducting programme on experimental basis, institutions may be selected on regional basis to give equal opportunity to all;

5. INFLIBNET should update the website of e-journals consortium from time-to-time and mention details on what's new and other programmes;

6. INFLIBNET should get the usage statistics for each university and host it on its website and remind the librarians and the UGC-Infonet contact persons about their roles and responsibilities in the overall success of the program;

7. INFLIBNET should conduct refresher courses for all participants who attended the training two years back;

8. INFLIBNET should organize the regional level meeting with university librarians to understand their basic needs while submitting the same to the National Steering Committee for further consideration.

7.9. STN Training Programmes

Access to Chemical Abstracts is essential for Faculty and Research Scholars in the area of Chemistry. The access is very expensive, and through UGC-Infonet E-Journals Consortium this access is made available to all universities. As per the recommendations of the National Steering Committee, 10 major universities were given access to Chemical Abstracts through Sci-Finder Scholar. One simultaneous access to the remaining universities was provided access on pay per view basis through STN. A series of special training programmes on "Access to Chemical Abstracts through STN under UGC-Infonet E-Journals Consortium" were organized in collaboration with STN and Sci-edge Information as per the details given below:

Sl.No.	Programme Held	Coordinator of the Programme
1	INFLIBNET Centre, Ahmedabad	Dr. V S Cholin, March 2004
2	University of Goa, Goa	Dr. P V Konnur, March 2004
3	Anna University, Chennai	Dr. Lalitha Jayaraman, March 2004
4	Cochin University of Science & Technology, Kochi	Dr. M D Baby, April 2004
5	University of Delhi, Delhi	Dr. Suresh Jindal, April 2004
6	Birla Institute of Technology & Science, Pilani	Dr. Ishwar Bhat, April 2004
7	University of Mumbai, Mumbai	Ms.Nalini Raja, April 2004
8	INFLIBNET Centre, Ahmedabad	Dr. V S Cholin, July 2004

The programmes were conducted successfully and the login passwords were forwarded to respective users of these universities for making the best use of Chemical Abstracts Database. The experts from STN handled the above programmes.

List of Universities Participated in above National STN Training Programmes

Sl.No	University Name	Sl.No	University Name
1.	Aligarh Muslim University	20.	Mahatma Gandhi University
2.	Andhra University	21.	Mangalore University
3.	Anna University	22.	Nagpur University
4.	Bangalore University	23.	Pondichery University
5.	Bhavnagar University	24.	Punjabi University
6.	Birla Institute of Technology & Science, Pilani	25.	Sardar Patel University
7.	Birla Institute of Technology & Science, Meshra	26.	Saurashtra University
8.	Cochin University of Science & Technology	27.	Shivaji University
9.	Devi Ahilya Vishwavidyalaya	28.	Thapar Institute of Engineering & Technology
10.	Goa University	29.	The Maharaja Sayajirao University of Baroda
11.	Gujarat University	30.	University of Calicut
12.	Guru Nanak Dev University	31.	University of Delhi
13.	Jamia Hamdard University	32.	University of Jammu
14.	Jamia Milia Islamia University	33.	University of Kashmir
15.	Jawaharlal Nehru University	34.	University of Kerala
16.	Jiwaji University	35.	University of Mumbai
17.	Karnatak University	36.	University of Mysore
18.	Kurukshetra University	37.	University of Rajasthan
19.	Madurai Kamraj University		

7.10. JSTOR Training Programme with Ford Foundation

The Ford Foundation in collaboration with Jstor organized four training programmes at different universities to provide training on access to Jstor.

Access to JSTOR is provided to 24 universities from 2005 onward as the universities had to perform the network performance test to ensure better access in their universities. 10 more universities have been provided access to Jstor recently. Now many other universities with high-speed connectivity could also be brought under this access, as the JSTOR is one of the important collections of UGC-Infonet E-Journals Consortium.

7.11. KVS – INFLIBNET In-Service Training Programme for School Librarians on Library Automation, Networking and E-Resources Management

Kendriya Vidyalayas were conceived and established in the year 1963-64 starting with 20 schools and now these are 871 Kendriya Vidyalayas having enrolment of about 8 lakh students and more than 40,000 teachers. These schools are spread all over the country. The recruitment of staff is a nation-wide affair with a high degree of choice for quality. A carefully conceived curriculum, a uniformly split-up syllabus, text-books and the teachers' guides prepared by the NCERT and the CBSE, updated teaching methods, well-planned curriculum activities, games and sports, library service etc. are integral features of Kendriya Vidyalayas.

The Principal of Kendriya Vidyalaya Sanghatan, Gandhinagar had requested the INFLIBNET Centre to conduct the training programme for KVS School Librarians. The training programme was named as "KVS – INFLIBNET In-Service Training Programme for School Librarians on Library Automation, Networking and E-Resources Management" with three weeks duration, specially designed for Kendriya Vidyalaya School (KVS) Library professionals. Discussions were held with senior staff of KVS and INFLIBNET technical staff for designing this kind of specialized course. The topics were selected keeping in view of the objectives of this programme, i.e., creating awareness about the most modern technologies and nurturing IT culture in KVS Librarians. The following are the broad topics selected in which specialized and comprehensive lectures were delivered and practical sessions were conducted -- Personality Development & Communication; Basics of Computer and Hardware; Bibliographic Standards; WINISIS and GENISIS; Library Management Software Systems and SOUL; Planning for LAN in Libraries; Networking Security Issues; Mail Server and Web Server Configurations & Applications; Website Designing and Hosting; Digital Libraries Creation using Green Stone; Impact of INTERNET and Identification of Resources; Internet Resources and Gateways for School Libraries and Archiving and IPR Issues, etc.

Study tours to different Libraries, like IIM, Ahmedabad to understand the proper implementation of modern technologies, were also arranged for the participants. Projects and assignments were given to participants compulsorily, which had to be completed and presented using PowerPoint prior to the concluding session. Projects component and assignment were as follows -- About Library and its services; SOUL Software – Each Module; Designing of Library Website; Creation of Digital Library using Green Stone Software; Searching and Identification of Internet Resources; Evaluating the Programme; Future Plans.

In addition to the project, Pre-test and Post-tests were also conducted for participants to evaluate their awareness about the IT applications. Forty-five participants from different Regions across the country viz. Ahmedabad (6), Bangalore (3), Bhubaneswar (7), Chennai (5), Hyderabad (6), Kolkata (10), Mumbai (4) and Silchar (4) attended the training programme.

During the three weeks, 51 lectures were scheduled. Three lectures were handled by the external resource persons viz. Sh. Satish Deshpande and Sh. D R Kulkarni from British Council Library, Ahmedabad and Dr. S S Shirurmath, Librarian, IIM, Ahmedabad. KVS faculty handled five lectures and the INFLIBNET faculty took remaining 44 lectures.

During the training programme, lectures were delivered in the morning sessions and afternoon sessions were meant for providing "hands-on" practice. Participants had opportunity to visit places of interest of i.e. Gandhinagar and Ahmedabad. Participants were highly enthusiastic to learn new technologies and were active in both lectures and practical sessions; hence the whole programme emerged out as very interactive one. Participants were provided reading materials, handouts and presentations by resource persons including the reading materials on CD-ROM.

The inaugural function of the training programme was held on May 28, 2004. The training programme was inaugurated by Prof. Ilaben Naik, Dean, Faculty Education from Gujarat Vidyapeeth, Ahmedabad who delivered a keynote address. In her address she highlighted the importance of information technology in library services. Dr. T AV Murthy delivered a presidential remarks and Sh. S M Salgar, Senior Scientist of INFLIBNET Centre briefed about the course contents. Mrs. Vinita Sharma, Principal, Kendriya Vidyalaya, Space Application Centre, Ahmedabad furnished perspectives of training programme on behalf of KVS.

Prior to the concluding day on 16th June 2004, participants were requested to present their assignments, project work about their library, services, what they have learnt and their future plans for library. The concluding session was held on June 17, 2004. Sh. O V S Sikarvar, Principal, KVS Ahmedabad welcomed the august gathering. Report on the training programme, was presented by Sh K Prakash, Course Coordinator. Two participants gave the feedback about the training programme. Dr T A V Murthy, Director distributed the certificates and made a presidential remarks. Sh. P K Koul, Education Officer, KVS and Sh. S M Salgar, Senior Scientist, INFLIBNET also spoke on this occasion.

Dr T A V Murthy was the course Director and Shri. K Prakash and Shri. H G Hosamani served as the course coordinators.

7.12. D-Space Workshop, University of Hyderabad, Hyderabad, June 28 to July 2, 2004

A Workshop on Developing Digital Library using DSpace, was jointly organised by Osmania University, Hyderabad and the INFLIBNET Centre at Hyderabad during June 28-July 2, 2004. It was organized in the context of growing interest in developing digital libraries especially by using D-Space. The Workshop was aimed at encouraging the LIS Professionals to build their own institutional digital libraries and repositories by providing background knowledge of digital library and its related software, by offering "hands-on" training session in using DSpace software. About 25 participants drawn from various premier institutions and organizations across the country participated in the programme. The programme was inaugurated by Prof Y Venkatarami Reddy, the Vice Chancellor of Jawaharlal Nehru Technological University, Hyderabad. Dr. A R D Prasad, DRTC Bangalore, Prof Lakshman Rao, Osmania University, Shri. Manoj Kumar K, Scientist-D and Shri. Yatrik Patel, Scientist-B, INFLIBNET Centre were the resource persons for the programme.

7.13. Workshop on Building Digital Libraries, BITS, Pilani, 29th November 2004

A Workshop on Building Digital Libraries was organised by Birla Institute of Technology and Science (BITS), Pilani in collaboration with the INFLIBNET Centre, Ahmedabad. The Workshop was inaugurated by Prof L K Maheshwari, Director, BITS, Pilani on 29th November 2004. Prof A R D Prasad of DRTC, ISI,

Bangalore acted as the Guest of Honour. Resource persons were drawn from DRTC, Bangalore, INFLIBNET Centre, Ahmedabad, BITS, Pilani and BHU, Varanasi. There were 42 participants from 15 different states of India. The participants were mainly library and information professionals though there were three IT and digitisation experts. About 90% of the participants were from academic institutions. The feedback received from the participants was very positive. Everyone participants was satisfied with the way the Workshop was conducted – its course content, training method, practical sessions and other arrangements. They were appreciative of both BITS and INFLIBNET Centre for holding the programme. Dr M Ishwara Bhat, Librarian of the Institute coordinated the programme.

7.14. Winter School on ICT enabled Library and Information Services, TIET, Patiala, 27th to 31st December 2004

The Thapar Institute of Engineering & Technology (TIET), Patiala organized "Winter School on ICT enabled Library and Information Services" in collaboration with INFLIBNET Centre, Ahmedabad at Patiala during 27 – 31 December 2004. Around 31 participants from colleges of Punjab and Haryana participated in this programme. Shri Suresh Kumar, Project Scientist (LS) handled a session on SOUL and provided "hands-on" practice to the participants. The session was very interactive and participants showed their keen interest in SOUL software.

7.15. Strengthening Library and Network Services in Universities and Colleges of North East

The Honorable Prime Minister of India has emphasized the need for sustained development and reconstruction of higher education in North Eastern States and Jammu and Kashmir. In this regard, the INFLIBNET, under the guidance of UGC, is given mandate to provide assistance for library automation and computerization of libraries. The INFLIBNET is also requested to take up computerization of college libraries of North Eastern states and Jammu and Kashmir by providing the SOUL software free-of-cost.

A special programme is designed for Northeast region for analyzing the requirement of colleges in this region. The workshop called 'Strengthening Library and Network Services in Universities and Colleges of North East' was organized jointly by the UGC NERO office and the INFLIBNET. Special thrust is given to the sessions about the importance of Library automation software in general and SOUL software in particular.

Programme started with Welcome address by Dr. G Srinivas, Dy Secretary, UGC NERO office. He also highlighted the importance of such programme and UGC's involvement in bringing the region at par with national level. The programme was inaugurated by Hon'ble Minister for Development of North East Region (DONOR) Sh. P R Kyndiah by lighting the traditional lamp. Prof Talukdar, Vice Chancellor, Guwahati University, Prof. S Sorcar, National Educational Research and Development Programme (NERDP), Dr TAV Murthy and Dr. Srinivas joined the Hon'ble Minister for the function.

The inaugural speech of the Chief Guest was highly inspiring and insightful for the North East region. He complimented INFLIBNET for conducting such kind of workshop for the first time in the region. He expressed that providing networks at regional, national and global level as well as strengthening libraries

and better content through computerization will immensely help to develop colleges in the region. He also complimented UGC's commitment to quality education. Keynote address was given by Prof Talukdar, Vice Chancellor, Guwahati University. Dr TAV Murthy addressed the gathering and informed that INFLIBNET has already made special programmes for North East, PLANNER (Promotion of Library Automation in North East Region) is one of such kind of programmes, which is exclusively designed for North East. It was followed by vote of thanks by Sh Manoj Kumar K. 250 delegates registered for the programme, and near about 100 principals attended the workshop. A presentation was made by Prof Sorcar about NERDP activities. Inaugural was followed by session of Dr Murthy on the special programme and services of INFLIBNET including session on UGC-Infonet and E-learning programmes of INFLIBNET by Sh Manoj Kumar K. One complete session was on SOUL software. Concluding session was chaired by Dr Surender Singh, UGC, New Delhi. Vote of thanks was given by Shri. Ray, Education Officer, UGC –NERO, Guwahati. Media and Television have given wide publicity for the programme.

8. Awards, Honors and Recognitions

8.1. Dr. TAV Murthy

Dr T A V Murthy, Director INFLIBNET was awarded first Harish Chandra-Sushil Chandra Best Librarian Award constituted by SALIS, Chennai. His selection was based on the criteria set by the committee transparently. The award and citation was presented to Dr Murthy by Prof Rajaram Nagappa, a renowned Aerospace Scientist on 18th December 2004 during the Seminar organised by SALIS at Tagore Engineering College, Chennai. Dr. Murthy was selected for the award for his contribution to the development of profession in various capacities for library administration, KALANIDHI project, UGC Infonet E-Journals Consortium, research guidance, publications, and expertise in various inter-disciplinary fields.

8.2. Dr. V S Cholin

Dr. V S Cholin, Scientist-B was awarded Fulbright Professional Fellowship for the year 2004-2005. This fellowship will enable him to work in US for six months to understand various issues relating to the library consortium activities, and will help him to contribute more efficiently to the prime and prestigious UGC-Infonet E-Journals Consortium. He will address issues relating to archival policy, different methods of negotiations, checkpoints for the successful consortium, various methods of educating the users and tools and techniques, pricing models at different consortiums, stable supply of electronic access to journals, method of payment and handling of access failure, methods of dealing with undefined matters of agreements or contracts, methodology for usage statistics, and other relevant issues.

Dr. V S Cholin, Scientist-B of INFLIBNET Centre has received the "American Society for Information Science & Technology (ASIST) International award in ASSIST International Paper Contest 2004 and placed sixth for his article entitled, "Study on application of information technology for effective access to resources in Indian university libraries". The award carries ASSIST Individual Membership for two years. The winning paper was published by Elsevier's International Information and Library Review.

8.3. Rajesh Chandrakar

Shri Rajesh Chandrakar, STO-I (LS) of INFLIBNET Centre received Commonwealth Fellowship Award. He worked at Middlesex University, London under the guidance of Dr Alan Hopkinson during January - April 2005. He studied issues relating to bibliographic standards and RFID. Sh. Chandrakar is working with INFLIBNET Centre since 1997 and actively involved in activities, especially related to Union Database Management, Bibliographic Standards, Multi-lingual solutions, SOUL Software Development and Networking and Quality Control Group.

8.4. Sh. J K Vijaykumar

Shri. J K Vijaykumar was provided IFLA Travel Grant and attended the World Library and Information Congress: 70th IFLA General Conference and Council held at Buenos Aires, Argentina during August 22th - 27th 2004 on "Libraries: Tools for Education and Development". He also attended the IFLA pre-conference in Brazil. Sh. J K Vijaykumar is Scientific and Technical Officer working with INFLIBNET for the last 5 years and was awarded OCLC Early bird Fellowship, earlier.

8.5. Sh. Manoj Kumar K

Shri. Manoj Kumar, Scientist-D, INFLIBNET was interviewed by ASIANET a Malayalam channel which has a one million viewer base. Shri. Manoj Kumar spoke about the INFLIBNET and its activities with special emphasis on its two new initiatives UGC-Infonet and E-Journals Consortium. The programme was telecasted on Asianet, appeared in a segment called 'Suprabhatham' from 7.30 a.m. to 8.30 a.m. on 10th June 2004. The programme was based on the interview, questions and answers about new media viz. electronic collections, e-journals in general and INFLIBNET activities and UGC-Infonet in particular.

9. Publications, April 2004 – March 2005

9.1. Books

1. **Panwar, Suresh** and **Murthy, TAV.** Librarian's Guide to WWW. New Delhi: Ess Ess Publications, 2004. 240p.

2. **Singh, AP** and **Murthy, TAV.** Library without Walls. New Delhi: Ess Ess Publications, 2004.

9.2. Conference Proceedings

3. Content Creation Access and Management in Networked Environment. Proceedings of the PLANNER 2004 held at Manipur University, Imphal on November 4-5, 2004. edited by TAV Murthy … [et.al.]. Ahmedabad: INFLIBNET Centre, 2004. 271p.

4. Multilingual Computing and Information Management in Networked Digital Environment. Proceedings of the International CALIBER-2005 held at Cochin University of Science and Technology, Kochi on February 2-4, 2005. edited by T A V Murthy … [et al]. Ahmedabad: INFLIBNET Centre, 2005. 751p.

9.3. Articles in Journals / Conferences / Newsletters

1. **Chandrakar, Rajesh** and **Murthy, TAV.** Narrowing the digital divide: initiatives of INFLIBNET centre for Indian academic libraries. In: International Conference on Digital Libraries (ICDL-2004) held at India Habitat Centre, New Delhi on 24th to 27th February 2004. New Delhi: TERI, 2004. pp. 81-88.

2. **Chandrakar, Rajesh** and **Murthy, TAV.** Electronic publishing of Indian academic journals: a proposal for INFLIBNET Centre. In: ASIST International Paper Contest 2005 for ASIST Annual Conference. North Carolina (USA), 2005.

3. **Chandrakar, Rajesh** and **Murthy, TAV.** INFLIBNET Centre: a gateway to the academic community of India. In: Proceedings of the IFLA General Conference. Oslo (Norway), 2005.

4. **Chandrakar, Rajesh** and **Murthy, TAV.** Issues of multilingual electronic publishing in India with special reference to academic universities. In: LRC-X the 10th Annual Internationalisation and Localisation Conference. Limerick (Ireland), 2005.

5. **Chandrakar, Rajesh, Kushwah, Shivpal Singh** and **Murthy, TAV.** IT@AGRILIBNET 2003: Report of the second phase. Library Hi-Tech News. 21(34), 2004, pp. 1-5.

6. **Chandrakar, Rajesh.** Effect of E-Resources on Standards. In: Proceedings of the ETD 2004 conference. Lexington (USA), 2004.

7. **Chandrakar, Rajesh.** The INFLIBNET Centre: a gateway to the academic community of India. Focus on International Library and Information Work. Article is a presentation at CILIP Office, London as an ILIG-Informal. London: CILIP (Chartered Institute of Library and Information Professionals), 2005, 36(1), pp.23-25.

8. **Chandrakar, Rajesh.** Unicode as a multilingual standard with reference to Indian languages. The Electronic Library. West Yorkshire, England: MCB University Press, 2004, 22(5), pp. 422-425.

9. **Chandrakar, Rajesh … [et al].** Standards for creating bibliographic databases in Indian academic libraries under INFLIBNET umbrella. In: Content Creation, Access and Management in Networked Environment. Proceedings of the PLANNER 2004 held at Manipur University, Imphal on November 4-5, 2004. Ahmedabad: INFLIBNET Centre, 2004. pp. 75-82.

10. **Chauhan, Suresh Kumar** and **Murthy, TAV.** Application of information & communication technology (ICT) in information management. In: Content Creation, Access and Management in Networked Environment. Proceedings of the PLANNER 2004 held at Manipur University, Imphal on November 4-5, 2004. Ahmedabad: INFLIBNET Centre, 2004. pp.132-140.

11. **Cholin, VS** and **Murthy, TAV.** Role of INFLIBNET in modernization and networking of libraries in India. In: National Round Table Meeting on Modernization and Networking of Libraries in India. New Delhi: Manager Publication, 2005.

12. **Cholin, VS … [et al].** UGC-Infonet: E-journals consortium an Indian model – bridging the gap between scholarly Information and end user. In: Multilingual Computing and Information Management in Networked Digital Environment held at CUSAT, Kochi on February 2-4, 2005. edited by TAV Murthy … [et.al.]. Ahmedabad: INFLIBNET Centre, 2005. pp. 658-667.

13. **Cholin, VS, Kembhavi, Ajith** and **Murthy, TAV.** UGC-Infonet E-journals consortium for Indian Universities. INASP Newsletter. 26, 2004.

14. **Dube, Sonia, Patel, Yatrik** and **Murthy, TAV.** Globalization of Software Applications using Unicode based multilingual approach. In: Multilingual Computing and Information Management in Networked Digital Environment. Proceedings of the International CALIBER 2005 held at CUSAT, Kochi on February 2-4, 2005. Ahmedabad: INFLIBNET Centre, 2005. pp. 128-131.

15. **Guha, Tamal Kumar, Temjen, T** and **Murthy, TAV.** Information Needs in an Ever Changing Scenario. Libraries, Information and Knowledge. 21(1), 2004.

16. **Hosamani, HG, Thiyam, Satyabati** and **Murthy, TAV.** Institutional Repository of INFLIBNET Centre using Dsapce. In: Content Creation, Access and Management in Networked Environment. Proceedings of the PLANNER 2004 held at Manipur University, Imphal on November 4-5, 2004. edited by TAV Murthy … [et.al.]. Ahmedabad: INFLIBNET Centre, 2004. pp.44-51.

17. **Lalitha, P** and **Murthy, TAV.** Preservation of Digital Cultural Heritage Materials. In: Multilingual Computing and Information Management in Networked Digital Environment. Proceedings of the International CALIBER 2005 held at CUSAT, Kochi on February 2005. edited by TAV Murthy … [et.al.]. Ahmedabad: INFLIBNET Centre, 2005, pp. 420-427.

18. **Murthy, TAV, Kembhavi, Ajith** and **Cholin, VS.** Access to Scholarly Journals and Databases: UGC-Infonet E-Journals Consortium. University News, 42(34). New Delhi: Association of Indian Universities, 2005. pp. 1-5.

19. **Murthy, TAV.** Know a Librarian. SALIS Newsletter, 4(1), 2005.

20. **Parida, Ellora** and **Murthy, TAV.** INFLIBNET: An Information Gateway to India's Academic and Research Community. In: Souvenir of National Seminar: Social Role of Media and Building of a National Information Resources Centre cum Archive for the North-East, 2004.

21. **Prakash, K, Cholin VS** and **Murthy, TAV.** Potential role of subject gateways, portals and OPAC's in electronic journals access. In: Multilingual Computing and Information Management in Networked Digital Environment. Proceedings of the International CALIBER 2005 held at CUSAT, Kochi on February 2-4, 2005. Ahmedabad: INFLIBNET Centre, 2005. pp. 668-678.

22. **Prakash, K, Hosamani, HG** and **Murthy, TAV.** KVS@INFLIBNET training programme: a report. Library Hi-Tech News, 2004, 21(9), pp. 13-14.

23. **Prem Chand, Prakash, K** and **Murthy, TAV.** Report of promotion of library automation networking in North Eastern Region (PLANNER) 2004. Library Hi-Tech News, 22(1), pp. 14-15.

24. **Prem Chand … [et. al.].** Institutional repositories, open access movement and OAI-PMH complaint software. In: Content Creation, Access and Management in Networked Environment. Proceedings of the PLANNER 2004 held at Manipur University, Imphal. Ahmedabad: INFLIBNET Centre, 2004. pp. 52-64.

25. **Thiyam, Satyabati Devi** and **Murthy, TAV.** LIS Profession: a search for identity in re-engineering library services: lessons of the past and road ahead. In: Proceedings of the IASLIC Conference held at Kolkatta. Kolkata: IASLIC, 2004.

26. **Thiyam, Satyabati Devi, Hosamani, HG** and **Murthy, TAV.** Partnership of LIS teacher and librarians in professional development. In: XXI-IATLIS National Conference, Nagpur, 2004.

27. **Singh, Ajay P, Khan, MTM** and **Murthy, TAV.** World Wide Web: development, usage and limitation. In: Proceedings of International Conference on Digital Libraries (ICDL-2004) held at India Habitat Centre, New Delhi on 24th to 27th February 2004. New Delhi: TERI, 2004.

28. **Sridevi, J, Vyas, Shalini** and **Murthy, TAV.** Rural India: IT penetration and knowledge revolution role of MSSRF. In: Content Creation, Access and Management in Networked Environment. Proceedings of the PLANNER 2004 held at Manipur University, Imphal. Ahmedabad: INFLIBNET Centre, 2004. pp. 228-233.

29. **Thiyam, Satyabati Devi** and **Murthy, TAV.** The needs for content management with special reference to Manuscripts of Manipur. In: Multilingual Computing and Information Management in Networked Digital Environment. Proceedings of the International CALIBER 2005 held at CUSAT, Kochi on February 2-4, 2005. Ahmedabad: INFLIBNET Centre, 2005. pp. 230-235.

30. **Thiyam, Satyabati Devi** and **Murthy, TAV.** Access of e-journals in the institution of higher education through UGC-Infonet E-journals Consortium. Festschrift of A B George Volume, 2005.

31. **Thiyam, Satyabati Devi** and **Murthy, TAV.** Archiving of E-journals. Journal of Information Management and Scientometrics. Aligarh, 1(1), 2004. pp. 9-11.

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10. Library Services

The library of the INFLIBNET Centre plays a vital role in the collection, development and dissemination of scientific and technical information for meeting the present and future needs of the centre. The library has computerized all its activities by using SOUL software and provides WebOPAC facilities to the users in the Centre. The library has rich collection in the field of library, information and computer sciences. Library took major initiative to provide information services to Library professionals in India. Apart from this, library has created and maintained HRD database of participants, SOUL installation status database and universities address and telephone databases and these are accessible through INFLIBNET local portal.

10.1. Collection

Items	1991-2003	April, 2003 - March, 2004	1991-2004
Books	1130	51	1181
Journals/Magazines/Newspaper	83	Renewed All	83
Back Volumes of Periodicals	200	80	280
CD-ROM Databases	25	Renewed All	25
Video Cassettes/CD	04	01	5
Online Journals Access		13	13

10.2. Services

Library provides following services to the users:

- Reference Service
- Current Awareness Service
- Electronic Information Service
- Bibliographic Service
- Inter Library Loan Service
- Document Delivery Service
- Photocopy Service
- Newspaper Clipping Service

10.3. Archive India

Digital Academic and Research Content hosted by INFLIBNET for Value Education- India (dArchive) a Digital Archive for Indian Universities is the outcome of successfully launching of a Digital Library using the DSpace by INFLIBNET (http://dspace.inflibnet.ac.in). Submission facility in this site allows all the academicians, researchers, scientists to contribute their publications to this initiative.

10.4. Library Automation

Library has enhanced computer hardware, to achieve speed and accuracy in maintaining library records and services. The following were added:

10.5. Hardware

- One Pentium IV, 224 RAM, 80 GB Hard disk for Server (Windows Advance Server-2000)
- One Pentium IV, 224, RAM, 80 GB Hard disk for Digital Server (Windows Advance Server-2000)
- Two Pentium IV, 224, RAM, 80 GB Hard disk for Client (Windows 2000)
- Two CTDD Barcode Scanner (Scanteam 3000)with Soul compatibility
- One each HP DeskJet 670c and QMS Magicolour Laser Printers

10.6. Software

- Windows Server 2000 Operating System and MS-SQL Server 2000 (for Server)
- Windows 2000 Professional Operating System (for Client)
- SOUL (Software for University Libraries) developed by the Centre)
- WINISIS and GENISIS
- Greenstone Digital Library (GSDL) Software

The Centre's library is fully automated. Its house keeping operations and OPAC are accessible through INFLIBNET website.

10.7. Institutional Membership

The library has enrolled as institutional members with ASLIB, IFLA, ALA, ILA, SIS, IASLIC, Computer Society of India, American Resource Centre, British Library, Ahmedabad and ADINET, Ahmedabad.

10.8. E-Journals Gateway and Archival Library (Print Version)

The INFLIBNET Centre also maintains a National Archive for the print version of e-journals subscribed under UGC-Infonet E-Journals Consortium in its "E-Journal Gateway and Archival Library" as per MOU with publishers. Academicians are making use of this facility. So far, the Centre has received 117 journal titles of different subjects like physics, chemistry, biology, mathematics etc. During this year, there will be 100 journals each from Taylor and Francis, Blackwell, and Oxford University Press covering all areas of learning. Users can access an archival database of journals on their desktops at http://www.libserver.inflibnet.ac.in/ejournal/opac.asp for the availability status of print issues at INFLIBNET centre. Users can send queries to the INFLIBNET Centre for getting photocopies of required articles and also they can consult the journals at Centre itself.

11. Other Important Events and Actitvities

11.1 Training to M.L.ISc & B.L.I.Sc. Students

The INFLIBNET Centre conducted teaching and training programme in information technology paper of the Gujarat University for the BLISc and MLISc Students for the academic year 2004-05. The programme was held from 28th October, 2004 to 29th January, 2005. The programme was inaugurated by Dr. T A V Murthy, Director, INFLIBNET Centre and was coordinated by Shri C.K.Shah, Admn. Officer (GS) with the help of Ms. Vaishali Parikh, Project Scientist (LS). Total 51 students were taught different topics in computer and information sciences. The programme consisted of two sessions. Theory classes were followed by practical classes. The faculty was drawn from INFLIBNET Centre and topics as per the Gujarat University syllabus were covered.

The Centre also conducted a training programme on Information Technology Applications for BLIS and MLIS students of Indira Gandhi National Open University (IGNOU). The programme was coordinated by Dr V S Cholin Scientist – B and supported by Shri. K Prakash Scientific/Technical Officer-I and other staff members of the centre.

11.2. Independence Day Celebration

The 58th Independence Day of the Nation was celebrated in the Centre on 15th August, 2004. Sh. S.M. Salgar, Scientist-G of the Centre hoisted the national flag in the campus of the Centre. INFLIBNET staff and their families attended the flag hoisting ceremony. Professors and other staff members of the Gujarat University and their families who are residing in the staff quarters also attended the function. Sh. Salgar speaking on the occasion highlighted the need for improvements in all areas of the activities. Cultural programme was organized and the prizes were distributed to the winners. Dr. V.S. Cholin and Smt. Shahana Munshi coordinated the programme.

11.3. Republic Day Celebration

The INFLIBNET Centre celebrated 56th Republic Day of India in its campus. Dr. T A V Murthy, Director hoisted the national flag of India and addressed the invitees, staff members and their family members. He highlighted the Centre's activities and greeted all the staff members of the INFLIBNET for their good work and informed that academic and research community in the country recognizes INFLIBNET's existence due to its fast development and for providing services.

11.4. Librarian's Day Celebration

Dr. S R Ranganathan's (Librarian's) Day was celebrated at H T Parekh Convention Centre, Ahmedabad Management Association jointly organized by the INFLIBNET Centre, ADINET and Ahmedabad Management Association (AMA) on 28th August 2004. Dr. Arun Kumar Dave, the Vice Chancellor, Gujarat Vidyapith inaugurated the programme by lighting the lamp and delivered inaugural address. Sh. Mahendrabhai Patel, President AMA released the CD and addressed the gathering on the occasion. Sh. Kartikeya Sarabhai, Chairman, ADINET Governing Council and Director CEE made presidential remarks. Sh. S M Salgar, Senior Scientist welcomed the participants and Sh. P C Shah, Hon. Director, ADINET proposed vote of thanks. There were seven technical sessions and seven papers were presented on different aspects of e-products for libraries and information centres. There were more than 250 participants from in and around Ahmedabad who attended the programme. Dr. Urmilaben Thakar and Sh. Kirit Bhavsar worked as Rapporteurs.

11.5. Distinguished Visitors

The following dignitaries visited the Centre during the period under report:

i.   Prof. Dayanand Dongaonkar, Secretary General, AIU, New Delhi
ii.   Prof. Asha Kanwar, Commonwealth of Learning
iii.   Prof. Ilaben Naik, Dean, Faculty of Education, Gujarat Vidyapeeth, Ahmedabad
iv.   Prof. J L Sardana, Retired Professor, DLIS, Delhi University, Delhi
v.   Prof. V S Prasad, Director, NAAC, Banagalore
vi.   Dr. K H Shukla, Librarian, M S University of Baroda
vii.   Dr. R P S Alhawat, Vice Chancellor, Gujarat Agricultural University, Anand.
viii. Dr. Bandhopadhyay, NATP, ICAR, New Delhi
ix.   Dr. Edward Proctor, Electronic Resources Librarian & Asst Professor, Southwest Missouri University, USA
x.   Dr. S L Mehta, Director General, NATP, ICAR, New Delhi
xi.   Dr. S P Jain, Librarian, GBPAU, Pantnagar
xii.   Dr. S S Shirurmath, Librarian, Indian Institute of Management, Ahmedabad
xiii. Ms. Ela Joshi, Deputy Director, EMRC, Ahmedabad
xiv.   Ms. Swathi Bhattacharya, Librarian, IIM, Kolkata
xv.   Shri N S Pakhale of NATP, ICAR, New Delhi
xvi.   Shri Sathish Deshpande, Manager, British Council Library, Ahmedabad

12. INFLIBNET Personnel

INFLIBNET staff comprises of highly motivated Scientific, Technical and Administrative staff. Names of staff with positions are as follows:

Scientific & Technical

Sr. No.	Name of the employee	Designation
1.	Dr. T.A.V. Murthy	Director
2.	Shri S. M. Salgar	Scientist-G
3.	Shri Manoj Kumar K.	Scientist-D (CS)
4.	Shri Prem Chand	Scientist-C (LS)
5.	Dr. V.S. Cholin	Scientist-B (LS)
6.	Shri B. Ramesh	Scientist-B (CS)
7.	Shri Y. R. Patel	Scientist-B (CS)
8.	Shri S. K. Sharma	Scientist-B (CS)
9.	Shri H. G. Hosamani	Scientist-B (LS)
10.	Shri K. Prakash	Sci. Tech. Officer-I (LS)
11.	Shri R. Chandrakar	Sci. Tech. Officer-I (LS)
12.	Shri J. K. Vijayakumar	Sci. Tech. Officer-I (LS)
13.	Shri U. H. Gohel	Sci. Tech. Assistant-II (CS)

Administrative & Support Staff

Sr. No.	Name of the employee	Designation
1.	Shri C. K. Shah	Admn. Officer (G.S.)
2.	Shri D. P. Negi	Admn. Officer (PA&F)
3.	Shri A. P. Achtani	Section Officer
4.	Shri S. R. Shah	Office Asst.-II
5.	Shri S. F. Vanikar	Office Asst.-II
6.	Smt. S. M. Munshi	Personal Astt.
7.	Shri V. H. Oza	Office Asst.-II
8.	Mrs. R. B. Pendharkar	Clerk-cum-Typist
9.	Shri A. B. Parikh	Clerk-cum-Typist
10.	Shri S. T. Yadav	Helper
11.	Shri V. B. Dantani	Helper
12.	Shri B. M. Parmar	Lab. Attendant
13.	Shri B. M. Parmar	Lab. Attendant

Project Scientists (PS)

Sr. No.	Name of the employee	Designation
1.	Ms. S. N. Dube	P.S. (C&N)
2.	Ms. Elora Parida	P.S. (C&N)
3.	Ms. S. D. Thiyam	P.S. (L.I.S.)
4.	Ms. V. N. Parikh	P.S. (L.I.S.)
5.	Sh. Suresh Kumar	P.S. (L.I.S.)
6.	Dr. T. Temjen	Project Consultant

Library Trainees

Sr. No.	Name of the employee	Designation
1.	Shri A. L. Parmar	Library Trainee (M.L.I.Sc.)
2.	Ms. G. B. Zala	Library Trainee (M.L.I.Sc.)
3.	Ms. C. M. Gohil	Library Trainee (M.L.I.Sc.)
4.	Shri R. K. Barik	Library Trainee (M.L.I.Sc.)
5.	Shri R. J. Patil	Library Trainee (M.L.I.Sc.)
6.	Smt. M. R. Amrelia	Library Trainee (M.L.I.Sc.)

Trainee Data Entry Operators (TDEO)

Sr. No.	Name of the employee	Designation
1.	Shri Dipak N. Makwana	T.D.E.O.
2.	Shri Sunil G. Dandwani	T.D.E.O.
3.	Shri Pallav G. Parate	T.D.E.O.
4.	Shri A. N. Parmar	T.D.E.O.
5.	Shri Paavan N. Raval	T.D.E.O.
6.	Shri Kalpesh P. Hadiyel	T.D.E.O.
7.	Shri Alpesh K. Gajjar	T.D.E.O.
8.	Ms. Rita S. Parmar	T.D.E.O.
9.	Ms. P. K. Rathod	T.D.E.O.

NISSAT Project

Sr. No.	Name of the employee	Designation
1.	Shri A. D. Trivedi	OA-DEO
2.	Shri P. C. Rathod	OA-DEO
3.	Shri M. G. Shaikh	OA-DEO

13. Annual Accounts

Some of the financial indicators reflecting INFLIBNET activities over the last three years are given below. The Audited Accounts of the Financial Year 2004-05 are given on the following pages.

	2002-03	2003-04	2004-05
EXPENDITURES	**Rupees in Lakhs**		
1. Capital	66.77	110.48	4.87
2. Operational/Administrative	140.39	154.75	153.11
3. Training Courses & Conference	19.21	17.07	15.47
4. Networking	10.17	8.16	9.23
5. Database Development	2.77	7.43	7.74
Grants in Aid received from UGC	**193.75**	**247.05**	**190.42**

BALANCE SHEET AS AT 31st March, 2005

CORPUS/CAPITAL FUND AND LIABILITIES	Schedule No.	F.Y. 2004-2005 (Current Year)	F.Y. 2003-2004 (Previous Year)
Trust's Funds or Corpus Income & Expenditure A/C.	01	11,23,28,551.00	9,13,03,791.00
Other Earmarked Funds	02	20,68,00,287.00	7,44,92,967.00
Current Liabilities	03	1,00,213.00	2,30,604.00
INFLIBNET Centre Employees P.F. A/c.	04	40,87,987.00	39,68,572.00
TOTAL :		**32,33,17,038.00**	**16,99,95,934.00**
ASSETS			
Fixed Assets	05	4,59,15,146.00	4,67,63,158.00
Investment – From Earmarked/Endowment Funds	06	27,07,76,544.00	11,66,15,233.00
Current Assets	07	21,70,183.00	22,93,043.00
Sundry Deposits	08	3,67,178.00	3,55,928.00
INFLIBNET Centre Employees P.F. A/c.	09	40,87,987.00	39,68,572.00
TOTAL :		**32,33,17,038.00**	**16,99,95,934.00**

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31ˢᵗ March, 2005

INCOME	Schedule No.	F.Y. 2004-2005 (Current Year)	F.Y. 2003-2004 (Previous Year)
Grants-in-Aids Received from UGC, New Delhi	10	2,73,89,000.00	2,47,05,000.00
Additional Grants Earned As Interest On Investments	11	79,47,629.00	46,21,784.00
Miscellaneous Income		42,42,757.00	67,92,708.00
TOTAL (A):		**3,95,79,386.00**	**3,61,19,492.00**
EXPENDITURE			
EXPENDITURE IN RESPECT OF PROPERTIES	12	85,324.00	62,608.00
EXPENDITURE ON THE OBJECT OF THE TRUST	13	1,84,58,501.00	1,86,67,863.00
AUDIT FEES		10,800.00	10,800.00
TOTAL (B) :		**1,85,54,625.00**	**1,87,41,271.00**
BALANCE BEING EXCESS OF INCOME OVER EXPENDITURE (A-B)		2,10,24,761.00	1,73,78,221.00
TOTAL :		**3,95,79,386.00**	**3,61,19,492.00**

RECEIPT & PAYMENT

Head of Accounts		F.Y. 2004-2005 (Current Year)	
		Receipt	Payment
1.	Cash on Hand (Opening Balance)	10000.00	0.00
2.	Bank Balance (Opening Balance) S.B.I. Gujarat University Branch	1107118.60	0.00
3.	Cash on Hand (Closing Balance)	0.00	10000.00
4.	Bank Balance (Closing Balance) S.B.I. Gujarat University Branch	0.00	742976.40
5.	Advertisement Exps.	0.00	27623.00
6.	Audit Fee	0.00	10800.00
7.	Bank Charges	0.00	3154.20
8.	Bonus	0.00	24670.00
9.	Book Binding Charges	0.00	250.00
10.	Books & Journals	450.00	81057.00
11.	Building Maintenance	0.00	85324.00
12.	C.C.A. (Admn. Staff)	0.00	26155.00
13.	C.C.A. (Technical Staff)	0.00	37440.00
14.	CALIBER-2003	0.00	0.00
15.	CALIBER-2004	500.00	51000.00
16.	CALIBER-2005	6838.00	462228.00
17.	Canteen Account	68167.00	68167.00
18.	Canteen Subsidy	0.00	42789.00
19.	Car Loan Advance	32080.00	175000.00
20.	Cash Contra	2026626.00	2026626.00
21.	Clearing & Forwarding Charges	0.00	0.00
22.	Computer Software	0.00	137600.00
23.	Computers	781615.00	1536227.00
24.	Conference & Symposium	14385.00	271261.00
25.	Consumable, Stores & Spares	0.00	311616.00
26.	Conveyance Charges	0.00	2042.00
27.	Database A/c.	0.00	0.00
28.	Database Development Exps.	0.00	773501.00
29.	Dearness Allowance (Admn. Staff)	0.00	263238.00
30.	Dearness Allowance (Technical Staff)	0.00	423107.00
31.	Dearness Pay (Admn. Staff)	0.00	358765.00
32.	Dearness Pay (Technical Staff)	0.00	825422.00
33.	Earnest Money Deposit	16000.00	16000.00
34.	Electrical Expenses	0.00	0.00
35.	Electrical Maintenance	0.00	49481.00
	CARRIED FORWARD	**40,63,779.60**	**88,43,519.60**

RECEIPT & PAYMENT

Head of Accounts		F.Y. 2004-2005 (Current Year)	
		Receipt	Payment
	BROUGHT FORWARD	40,63,779.60	88,43,519.60
36.	Electricity Charges	0.00	693735.00
37.	Entertainment Exps.	0.00	71209.00
38.	Equipment Maintenance	0.00	186955.00
39.	Equipment/Computer Grants-in-Aids	0.00	1500000.00
40.	E-Subscription	0.00	0.00
41.	Festival Advance	0.00	0.00
42.	Forigen Travelling Exps.	7679.00	25000.00
43.	Franking Machine Advance	201472.00	200000.00
44.	Furniture & Fixtures	108374.00	215877.00
45.	G.B. Meeting Expenses	2407.00	268294.00
46.	Garden Expenses	0.00	6419.00
47.	General Advance	252500.00	485000.00
48.	General repairs & maintenance	0.00	31457.00
49.	Group Insurance Saving	36380.00	41730.00
50.	GRUH Finance Ltd.	34104.00	34104.00
51.	Guest House Caretaking Charges	0.00	46750.00
52.	H.D.F.C. A/c.	39144.00	39144.00
53.	Honorarium Exps.	0.00	1600.00
54.	Hostel Charges	32840.00	0.00
55.	Hostel Maintenance	0.00	307.00
56.	House Building Advance	72420.00	0.00
57.	House Rent Allowance (Admn. Staff)	0.00	175224.00
58.	House Rent Allowance (Technical Staff)	0.00	328150.00
59.	IGNOU	17000.00	15250.00
60.	ICAR Workshop	0.00	0.00
61.	ICAR Workshop – Sr. Librarian	0.00	0.00
62.	Income Tax	538471.00	538471.00
63.	INFLIBNET Centre Employees P.F. Account	662856.00	662856.00
64.	INFLIBNET Employees Co. Op. Credit Society Ltd.	299820.00	299820.00
65.	INFLIBNET Sports & Recreation Club	2520.00	2520.00
66.	Institutional Membership Fee	0.00	116631.00
67.	Interest A/c.	7947628.80	0.00
	CARRIED FORWARD	1,43,19,395.40	1,48,30,022.60

RECEIPT & PAYMENT

Head of Accounts		F.Y. 2004-2005 (Current Year)	
		Receipt	Payment
	BROUGHT FORWARD	1,43,19,395.40	1,48,30,022.60
68.	Interest on Scooter Loan	23104.00	0.00
69.	Interim Relief (Admn. Staff)	0.00	6245.00
70.	Investment in Fix Deposits	243584839.80	397746150.60
71.	Kendriya Vidyalaya A/c.	96130.00	93225.00
72.	L.C. Charges	0.00	7881.00
73.	Legal & Professional Expenses	0.00	0.00
74.	Loss on Sale of Assets	0.00	1320383.00
75.	LTC Advance	79048.00	80641.00
76.	LTC Expenses	0.00	98510.00
77.	L.I.C. of India	146159.00	146160.00
78.	MINI Computer	1503667.00	0.00
79.	Miscellaneous Income	20888.00	0.00
80.	Miscellaneous Expenses	0.00	8043.00
81.	Network Management for Library Workshop	0.00	0.00
82.	Networking Expenses	0.00	923482.00
83.	Newsletter Publication Expenses	0.00	108235.00
84.	Newspaper & Periodicals Expenses	1025.00	42117.00
85.	NISSAT A/c.	0.00	0.00
86.	Office Equipments	441282.00	16615.00
87.	Office Expenses	0.00	8087.00
88.	Office Rent	0.00	1236532.00
89.	Overtime Allowance (Admn. Staff)	0.00	12016.00
90.	P.F. Contribution	117697.00	178685.00
91.	Pension & Gratuity	0.00	25711.00
92.	Planner-2003	4394.00	0.00
93.	Planner-2004	70149.00	212735.00
94.	Postage & Telegram Expenses	0.00	213723.00
95.	Professional Fees	0.00	17970.00
96.	Professional Tax	27080.00	27120.00
97.	Recruitment Expenses	0.00	0.00
98.	Regional Training	20450.00	165481.00
99.	Reimbursement of Medicines	76.00	407718.00
100.	Remuneration & Wages	0.00	448715.00
101.	Rent for Director Residence-cum-Guest House	0.00	163790.00
	CARRIED FORWARD	26,04,55,384.20	41,85,45,993.20

RECEIPT & PAYMENT

Head of Accounts		F.Y. 2004-2005 (Current Year)	
		Receipt	Payment
	BROUGHT FORWARD	26,04,55,384.20	41,85,45,993.20
102.	Revenue Stamps A/c.	283.00	283.00
103.	Salaries (Admn. Staff)	19573.00	1735927.00
104.	Salaries (Technical Staff)	57.00	2607510.00
105.	Salary Payable	3336397.00	3336397.00
106.	Sale of Computer	6392.00	6392.00
107.	Sale of Furniture & Fixture	885.00	885.00
108.	Sale of Office Equipment	3611.00	3611.00
109.	Sale of Vehicle – Cycle	0.00	0.00
110.	Scientific Equipment	3611.00	3611.00
111.	Scooter Loan	51980.00	24000.00
112.	Security Deposit	13250.00	13250.00
113.	Security Expenses	0.00	343445.00
114.	Service Charges to AES Hostel	0.00	356000.00
115.	Service Charges to Director's Residence-cum-Guest House	0.00	3600.00
116.	Service Charges to Guest House	1000.00	1000.00
117.	SOUL Expenses	5612494.00	1719374.00
118.	Staff welfare	0.00	12549.00
119.	Stationary & Printing Expenses	59567.00	302221.00
120.	Stock	144739.00	99881.00
121.	Subscription for Technical Journals	0.00	283235.00
122.	Sundry Deposit	0.00	11250.00
123.	TA to Candidates	0.00	0.00
124.	TDR with L.C.	0.00	0.00
125.	TDS A/c.	0.00	0.00
126.	Telephone & Trunk Call Expenses	43101.00	500472.00
127.	Training Courses Exps.	0.00	140989.00
128.	Transport Allowance (Admn. Staff)	0.00	32200.00
129.	Transport Allowance (Technical Staff)	0.00	91200.00
130.	Travelling Advance	0.00	11000.00
131.	Travelling Expenses	124018.00	408117.00
132.	U.G.C. Grants	27389000.00	0.00
133.	U.G.C. Grants for E-Subscription	306050000.00	172242680.00
134.	U.G.C. Grants for VSAT Hub Station	0.00	0.00
135.	U.G.C. Grants-in-aids for Networking	0.00	0.00
	CARRIED FORWARD	60,33,15,342.20	60,28,37,072.20

RECEIPT & PAYMENT

Head of Accounts	F.Y. 2004-2005 (Current Year)	
	Receipt	Payment
BROUGHT FORWARD	60,33,15,342.20	60,28,37,072.20
136. UGC INFONET	0.00	28137.00
137. UGC INFONET (Training)	0.00	125000.00
138. Vehicle - Cycle	0.00	0.00
139. Vehicle Hire Charges	0.00	589983.00
140. National Workshop on Library Automation in Hindi	0.00	0.00
141. Workshop on Webhosting	0.00	0.00
142. Workshop on advance website designing	0.00	3300.00
143. World Health Organisation (WHO)	268150.00	0.00
BALANCE	**60,35,83,492.20**	**60,35,83,492.20**

For

Navin & Deepak

Chartered Accountants
T-12/A, Vikram Chamber
Ashram Road
Ahmedabad – 380 009

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S/d
(Deepak J. Shah)
Partner

S/d
(D. P. Negi)
Admn. Officer (PA&F)

S/d
(Dr. T.A.V. Murthy)
Director

Place : Ahmedabad
Date : 13.06.2005

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