

INFLIBNET Centre

Annual Report

April 1, 2003 to March 31, 2004

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Published by

Information and Library Network (INFLIBNET) Centre
An IUC of University Grants Commission
Near Gujarat University Guest House
PB No. 4116, Navrangpura
Ahmedabad – 380 009 (Gujarat) India

Phone: 079-26304695 / 5971 / 8528

Fax: 079-26300990 / 7816

URL: <http://www.inflibnet.ac.in>

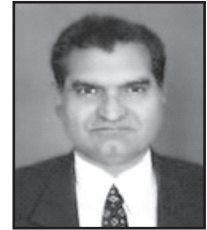
E-Mail: root@inflibnet.ac.in

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Dr T A V Murthy

B Sc, M L Sc, M S L S (USA), Ph D, C B I S, C A A

Director, Information and Library Network Centre
INFLIBNET Centre/ UGC, Gujarat University Campus,
PB 4116, Navrangpura, Ahmedabad – 380 009, INDIA
E-mail: tav@inflibnet.ac.in
Tel 079-26305702 [Dir] 26304695/5971/8528 [EPBAX]



President-Elect and Fellow -
Society for Information Science
Member Secretary - ADINET
Council Member – IASLIC
Adj. Professor

Director's Message

I am pleased to present the Annual Report of INFLIBNET, which highlights a variety of programmes / initiatives / achievements made by the Centre during 2003-04 with the 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 milestone happens to be that of dedication of UGC-Infonet / E-journal Consortium to the nation by H. E. the President of India on 28th December 2003. Needless to say that the Centre is playing a very important role in reaching young minds and academics through these initiatives by facilitating high information needs. From the heart of the country – the Madhya Pradesh we have received enormous orders for SOUL software. 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 have facilitated a great deal in moving the UGC Infonet and e-journal consortium to reach out large academic population across the country. The potential resources of the centre in terms of expertise and infrastructure have attracted Indian Council for Agriculture Research and its NATP under World Bank 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 professional 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 all of your continued supports and encouragements.

Ahmedabad
01-07-2004

Dr T A V Murthy

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1. Introduction

The Information and Library Network (INFLIBNET) Centre 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 promote and steer a cooperative endeavor in resource development, sharing and its utilization at national level using the IT enabled services.

3. Aims and Objectives

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

- 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 service;

- i. 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:
 - ii. 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;
 - iii. to develop new methods and techniques for archival of valuable information available as manuscripts and information documents in different Indian languages, in the form of digital images using high density storage media;
 - iv. 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;
 - v. 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;
 - vi. to create databases of projects, institutions, specialists, etc. for providing on-line information service;
 - vii. to encourage co-operation among libraries, documentation centres and information centres in the country, so that the resources can be pooled for the benefit of helping the weaker resource centres by stronger ones; and
 - viii. 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
 - l) 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 its Council which takes decision with regard to the policy matters and larger issues concerning to the development of the Centre. The INFLIBNET's 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:

INFLIBNET's Council	
Dr. Arun Nigavekar (President) 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
Prof. N. V. Rajasekaran Pillai (Member) Vice Chairman University Grants Commission Bahadur Shah Zafar Marg New Delhi - 110 002	Shri Shyed Shahid Mahdi (Member) Vice Chancellor Jamia Milia Islamia Mohamad Alijawahar Marg, Jamia Nagar Delhi - 110 025
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
Director General (Member) CSIR Rafi Marg New Delhi - 110 001	Dr. T. A. V. Murthy (Member Secretary) Director INFLIBNET Centre Near Gujarat University Guest House Post Box No.4116, Navrangpura Ahmedabad - 380 009
	Dr. P. Prakash (Special Invitee) 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 Near Gujarat University Guest House 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)	Prof. G. Barua (Member) Head 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 (Rajasthan)	Shri. D. P. Negi (Non-Member/Secretary) Admn. Officer (F&A) INFLIBNET Centre Post Box No.4116, Navrangpura Ahmedabad 380 009
Dr. T. A. V. Murthy (Member) Director, INFLIBNET Centre Near Gujarat University Guest House Post Box No.4116 Navrangpura, 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

Major activities, functions and services of the INFLIBNET Centre are as follows:

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. Eight databases have been developed and are continuously growing. These databases are as follows:

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

The INFLIBNET Centre has been developing union catalogue of academic libraries in India Since the university libraries were given financial grants for library automation. Gradually, member libraries started contributing the data to INFLIBNET and it resulted in the enormous growth of union catalogue in past few years. The union catalogues contain bibliographic records of different type of materials viz. Books, Serials and Theses. This is the comprehensive and major source of bibliographic descriptions in academic and research arenas, and for collection development in libraries. For the Books Database, currently the centre has received 60 lakhs (aprox.) bibliographic records, contributed by 96 university libraries in India. Records are being processed for merging in to union database, which involves standardization, field and sub-field mapping and de-duplication. After processing of 52 university's records it contains 20 lakhs of unique records and the remaining records are under process. It provides bibliographic information contributed by the universities about each book with the library name. Books Database covers monographs, reference books, conference proceedings and textbooks. The participating libraries are regularly contributing records for merging their local holdings in to the union databases of INFLIBNET where a number of records are continuously growing.

5.1.1. New Search Interface for Access to Union Catalogue

Recently, INFLIBNET has developed a new interface for searching various databases, which is more efficient, user friendly and reliable. Entire records have been mounted on a new server. After series of testing, now it has been made available to the public for access. The URL is <http://caliber2004.inflibnet.ac.in:7001/union.jsp>. New and enhanced tool for searching the databases has many new features. Some of them are listed below:

- Efficiency in the search term with user-friendly help-messages
- Provision for advanced search
- Navigation of records with various display format
- Feedback form for tracking the errors in the records
- Integrated search for all the serials database
- All the databases are on one server
- It reveals the statistics of the records of each library
- Restriction of search limits
- Generating the ILL request form through the web

Entire search interface has been developed using JAVA as the basic programming language and MS SQL as the database server. For the development of web-based access to the databases, following software and hardware were used.

- I) Server Side Programming
J2EE [Java 1.2, EJB 2.0 (Enterprise JavaBeans), JSP (Java Server Pages), JDBC (Java Database Connectivity), JavaMail, Servlet, HTML, JavaScript, etc.
- ii) Middleware Application Server
WebLogic Server Platform 7.0, WebLogic Builder for Component Building, EJB Container, HTTP (Web Server) Container, JSP Container, Connection Pooling
- iii) Database Server
Microsoft MS-SQL Server 2000

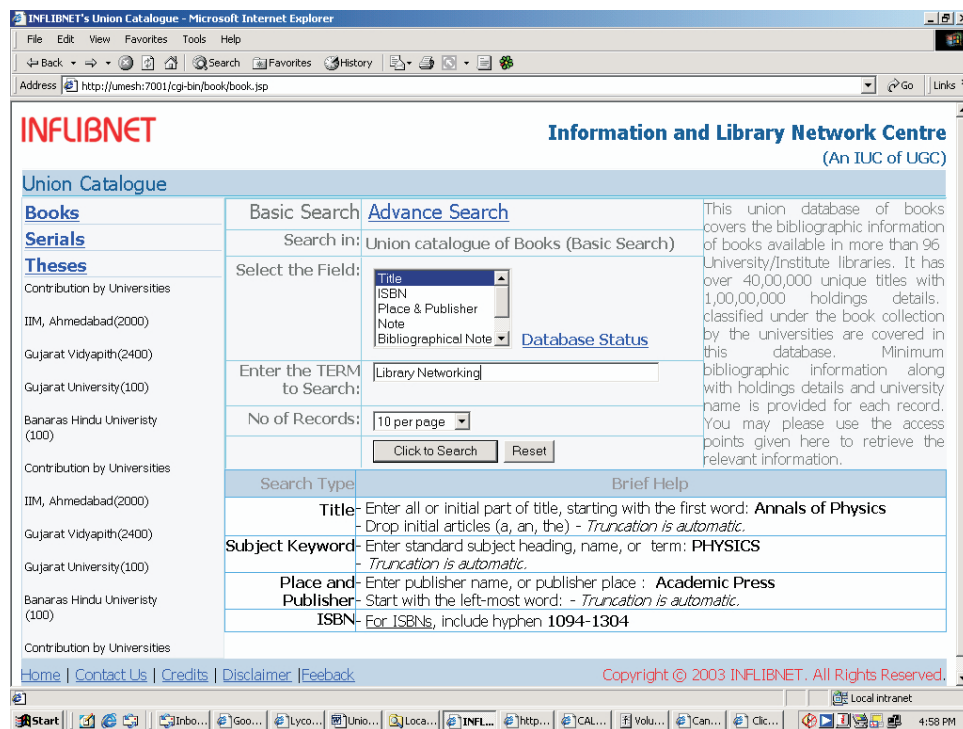


Figure-1: New Search Interface for accessing INFLIBNET Union Databases

5.2. UGC-Infonet Connectivity Programme

The UGC-Infonet Connectivity is one of the ambitious programmes of the UGC for building high-speed nation-wide communication network for Indian universities. The Honorable Sh. Atal Bihari Bajpai, the then Prime Minister formally inaugurated the UGC-Infonet on 28th December 2002 at New Delhi. As per the programme, the UGC-Infonet will boost the higher education system of the Country in following various ways:

- To become a vehicle for distance learning;
- Open access tool for education material and journals to remotest of areas;
- Pool of resources for researchers and scholars for tapping most up-to-date information;
- Medium for collaboration among teachers and students, not only within the country but also across the world;
- Intranet for university automation; and
- To establish a channel for globalization of education.

Following table depicts the status of the UGC-Infonet connectivity at the member universities:

Status of UGC-Infonet Connectivity in Universities

Sl. No	Particulars	No of Universities
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

5.3. UGC-Infonet E-Journals Consortium

The University Grants Commission (UGC) has initiated a programme to provide electronic access over the Internet to scholarly literature in all areas of learning to the university sector in India. The programme is wholly funded by the UGC. All universities which come under UGC's purview will be members of the programme, and it will gradually be extended to colleges as well. The programme is being executed by INFLIBNET Centre, Ahmedabad. Access to various E-Journals formally began on January 1, 2004. Trials were provided from October, 2003.

This programme will increase in a very fundamental way the resources available to the universities for research and teaching. It provides the best current and archival periodical literature, from all over the world, to the university community. The programme will go a long way in mitigating the severe shortage of periodicals faced by university libraries for many years, due to the ever-widening gap between the growing demand for literature, and the limits of available resources.

The E-Journals programme is a cornerstone of the UGC-Infonet effort, which aims at addressing the teaching, learning, research, connectivity and governance requirements of the Universities. The effort was announced by the Hon'ble Prime Minister of India, Shri Atal Bihari Vajpayee and the network was activated by the Hon'ble Minister for Human Resources Development, Dr. Murli Manohar Joshi, at the inauguration of the Golden Jubilee Celebrations of the UGC on December 28, 2002 at New Delhi. The E-Journals programme demonstrates how communication networks and computers can be used to stretch and leverage available funds in furthering these aims. The programme has been made possible due to the close understanding and cooperation between the UGC, ERNET, IUCAA and INFLIBNET and national and international publishers.

5.3.1. The Consortium

The Consortium will ultimately cover all the universities in India which come under the purview of the UGC, and will gradually be extended to the colleges as well. The first phase of the programme covers more than 50 universities and additional universities will join the programme as soon as they have access to the Internet, which is separately being provided by the UGC under the UGC-Infonet Connectivity Programme. It is expected that the entire university system will be covered by June, 2004. Universities will become members of the Consortium after signing an MOU with the UGC and the INFLIBNET. The UGC provides funds for the programme, which is offered free-of-cost for the universities, during 10th plan period.

5.3.2. History

A Committee was setup by Prof Arun Nigavekar, Chairman, UGC to study the possibility of setting up of a consortium of universities, to obtain access to electronic versions of scholarly journals over the Internet, in all areas of learning of interest to universities. The Consortium envisaged providing access to journals covering current research, reviews and literature databases and gateway portals for users to easily access and navigate through the vast amount of literature. The committee had detailed discussions with university faculty, library science professionals, publishers and other experts, and considered data gathered by the INFLIBNET from various sources. The committee then made recommendations to the Chairman, UGC as to how the programme could be structured and executed. The Chairman, UGC then set up an expert committee to identify specific publications, interact on terms and conditions with publishers, and to make its final recommendations. It was also decided that INFLIBNET would be the nodal agency to execute the programme and to administer and monitor it as per the guidelines set by the expert committee from time to time. Following the recommendations of the expert committee, the Chairman, UGC has authorized INFLIBNET to enter into agreements with various publishers and to begin subscriptions to e-resources for universities.

5.3.3. Coverage

The E-Journals programme aims at covering all fields of learning of relevance to various universities including:

Arts, Humanities and Social Sciences

Physical and Chemical Sciences

Life Sciences

Computer Science, Mathematics, Statistics

The literature made available will include journals covering research articles, reviews and abstracting databases. Access will be provided to current and archival literature. Subject portals and navigation guides will be developed which will enable users to navigate easily through all the literature that is made available.

5.3.4. Operation

The INFLIBNET is to administer and monitor the programme and will have independent electronic access to all the publications to help with the process. The Centre will get one free print copy of each journal, subscribed under the consortium, by some of the publishers for archival purpose. A web site <http://web.inflibnet.ac.in/econsortia/index.htm> is created to provide all required information to Consortium members about the status of the programme. INFLIBNET also carries out training programmes in various places to spread awareness and to develop expertise in the university community in the use of e-resources. Special training programmes are conducted on different University campuses by publishers of complex databases viz. Chemical Abstracts, Biological Abstract, etc

5.3.5. Current Status

As of March 31, 2004 agreements have been reached with the following publishers for e-resources subscribed under the UGC-Infonet E-Journal Consortium. The number of journals accessible from each publisher is given in circular brackets:

I.	Full Text Resources	
i)	American Chemical Society (31)	http://www.pubs.acs.org/
ii)	Royal Society of Chemistry (23)	http://www.rsc.org/
iii)	American Physical Society (8)	http://www.aps.org/
iv)	Institute of Physics (36)	http://www.iop.org/EJ
v)	American Institute of Physics (19)	http://www.aip.org/
vi)	Cambridge University Press (72)	http://journals.cambridge.org/
ii)	Project Muse (222)	http://muse.jhu.edu/journals
viii)	J-STOR (319)	http://www.jstor.org/
ix)	Kluwer Journals (650)	http://www.kluweronline.com/
x)	Springer Journals (550)	http://www.springerlink.com/
xi)	Annual Reviews (29)	http://www.annualreviews.org
xii)	Emerald (28)	http://www.emeraldinsight.com
xiii)	Nature (1)	http://www.nature.com/
xiv)	Science Online (1)	http://www.scienceonline.org/
xv)	Encyclopedia Britannica (National Site Licensing)	http://search.eb.com/
xvi)	Elsevier Science – Life Science – Current Opinions, Trends, Cell Press (34)	http://www.sciencedirect.com/
II.	Bibliographic Databases	
i)	Chemical Abstracts Service (1 Database)	http://stnweb.cas.org/
ii)	Biological Abstract (1 Database)	http://web5s.silverplatter.com/ webspirs/start.ws?customer=c180470a
iii)	Royal Society of Chemistry (6 Databases)	http://www.rsc.org/
III.	Portals	
i)	Ingenta - Gateway Portal (5400)	http://www.ingenta.com/
ii)	J-Gate Gateway Portal (15000)	http://www.j-gate.informindia.co.in/
Total 2023 e-journals and 8 databases are accessible to all the consortium members.		

Discussions are in progress with some more publishers for their e-resources which are expected to be added in phased manner in coming year.

5.3.6. Future Plans

Resources will be made available to the universities through a continuous process which will bring in literature covering an ever increasing number of fields from a wide range of publishers all over the world. Programmes will be initiated to digitize and make electronically accessible literature which is present only in the print form, often unpublished, in various institutes and universities in India. Appropriate packages of the literature will be developed for use by students and teachers in various colleges. The community of teachers, library professionals and students from the university system will be consulted on a continuing basis in the development of the programme so that it remains up to date and useful.

Contact Persons for Operational Details of the Consortium

Director INFLIBNET Centre Near Gujarat University Guest House Post Box No. 4116, Navrangpura Ahmedabad - 380 009	Tel.: (079) 26304695 (O) Fax: (079) 26300990/ 26307816 E-mail: director@inflibnet.ac.in
Prof Ajit Kembhavi Chairman, National Steering Committee UGC-Infonet E-Journals Consortium Inter-University Centre for Astronomy & Astrophysics (IUCAA) Post Bag 4, Ganeshkhind Pune - 411 007 (Maharashtra)	Tel.: (020) 25604101 (O) Fax: (020) 25690760 E-mail: akk@iucaa.ernet.in

For suggestions and enquiries regarding the overall programme

Joint Secretary University Grants Commission (UGC) Bahadur Shah Zafar Marg New Delhi - 110 002	Tel.: (011) 23230406 (O) Fax: (011) 23219705
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5.4. Software R & D and SOUL Software

5.4.1. Updated Version of SOUL Software

The SOUL software released in the year 2000 during the CALIBER at Chennai has become very popular during the short span of 3 years. It has been supplied to more than 350 universities/institutions across the country. The SOUL software package has come out with latest version incorporating features like; search engines, bar-coding technology, etc. The initial bugs in the software and the suggestions, modifications received from institutions time-to-time have been incorporated in the new version of SOUL. After rigorous testing, copies of the new version were sent to more than 125 user libraries free-of-cost, who had purchased the software. The INFLIBNET is now flooded with demands and requests from many more universities, colleges, government and other institutions for the supply of the software. Indira Gandhi National Open University (IGNOU) has identified the SOUL software for all its co-ordinating centres to teach in the courses of Library and Information Science.

5.4.2. Supply and Installations of SOUL Software

The Centre received a total number of 90 orders for supply and installation of the SOUL software. Besides that the INFLIBNET has made an agreement with Office of the Commissioner, Higher Education, Madhya Pradesh for Library Automation in Government Colleges of the state by using SOUL Software. In the first phase, the Centre has received 90 orders for supply and installation of SOUL Software. As per the agreement, the INFLIBNET Centre conducted training programmes on SOUL installation and usage in the state of Madhya Pradesh.

5.4.3. SOUL Service Centres

Keeping in a view of the growing demand of SOUL software, a proposal was mooted through INFLIBNET-Governing Board and clearance received from UGC for setting-up of regional co-ordinators and service centres at Mumbai, Kurukshetra, Delhi, Hyderabad, Bangalore and Ahmedabad. Other regions are picking up and coverage will also be expanded into different states in near future.

SOUL Coordinators (as on March 31, 2004)

<p>Dr. S R Ganpule B-2/1-4, Vikas Complex Lal Bahadur Shastri Road Thane (West) Mumbai - 400 601 For Maharashtra and Goa</p>	<p>Shri. L S Ramaiah 65, Shanti Nagar Hyderabad – 500 028 Tel.: (040) 23391483 For Andhra Pradesh, Tamil Nadu and Pondicherry</p>
<p>Dr. Janak Raj Sai Vihar, 677/6, Shastri Nagar Kurukshetra – 136 118 For Punjab, Haryana and Himachal Pradesh</p>	<p>Dr. A Y Asundi Parvati Nilai 77, Prashant Nagar, 3rd Main Road Bangalore – 560 079 For Karnataka and Kerala</p>
<p>Shri P C Shah C/O. INFLIBNET Centre Nr. Gujarat University Guest House Navrangpura, P B No.4116 Ahmedabad – 380 009 (Gujarat) For Gujarat, Madhya Pradesh and Rajasthan</p>	<p>Prof. C P Vashishth Retired Professor of Library and Information Science, University of Delhi Ph. No. :- (011) 25774507 Email :- cpv_36@yahoo.co.in For Delhi, Uttaranchal and Uttar Pradesh</p>

5.5. R & D Projects

5.5.1. Health InterNetwork project of World Health Organization: Creation of experts database for medical professionals and organizations in India

The INFLIBNET has embarked upon the creation of experts database for medical professionals and organizations in India in collaboration with the World Health Organisation. The database is being developed under Health InterNetwork project of WHO. The Health InterNetwork (<http://www.healthinternetwork.org>) is a millennium initiative of the United Nations to respond to the challenges posed by the digital divide in the health sector.

Database covers the brief resume of professionals (Doctors, Professors, Researchers and other academicians) working in the field of medical science. Under this project, INFLIBNET has compiled 4000 profiles and they are hosted on the web site of National Health Information Collaboration (NHIC) <http://203.197.175.21/nhic/index.asp>. The same information is also available on our web site at <http://nissat.inflibnet.ac.in>. Apart from experts database, INFLIBNET has compiled online directory of medical institutions. This directory contains the information about the Name and contact addresses of the heads of institution, which can be searched under all important fields. The directory has been hosted on the web site of National Health Information Collaboration (NHIC) <http://203.197.175.21/nhic/index.asp>.

5.5.2. NISSAT (DSIR) Project: Developing and Managing a Web Enabled Database of Experts Manpower in Science and Technology

Experts database in Science and Technology (EDST) is a collective effort of INFLIBNET and NISSAT. It is NISSAT (DSIR) funded project for two years duration, which has been successfully completed. The project has been launched under the title "Developing and Managing a Web Enabled Database of Experts Manpower in Science and Technology". Under the project, INFLIBNET has collected the profiles of Scientists, other senior faculties working in leading R and D labs, universities, science and technology departments of central and state governments in the country. It provides comprehensive information about the background, skills, and accomplishments of the individuals. It provides access to relevant, accurate information that is supplied by the faculties themselves, verified and presented in a common format. The Web interface to the database enables the faculties to search, edit, browse and save the profiles from remote clients. It is most comprehensive database of its kind in the county and continues to expand further. It comprises detailed professional information for nearly 24,000 scientists, academicians and scholars across the country. The database can be accessed from INFLIBNET's web site at <http://nissat.inflibnet.ac.in>

6. National and International Conventions

6.1. PLANNER-2003, November 6-7, 2003, NEHU, Shillong

First Convention entitled PLANNER – 2003 (Promotion of Library Automation and Networking in North Eastern Region) was organized by INFLIBNET in collaboration with North Eastern Hill University, Shillong during November 6-7, 2003 at North Eastern Hill University (NEHU), New Campus, Shillong. 330 delegates including 10 delegates from Bangladesh attended the convention. Majority of the participants were from the academic institutions/universities of North East India. This historical event was initiated by INFLIBNET to boost the automation and networking of libraries in North East Region. However there were representatives from other states too.

Mr. R G Lyngdoh, the Hon'ble Minister for Home in Meghalaya, inaugurated the convention and he expressed his happiness on organizing such a convention on most important topic relating to adoption of new technologies in libraries. He appreciated the efforts and initiatives taken by the Dr T A V Murthy, Director, INFLIBNET who rightly and timely thought of bringing first convention of PLANNER-2003 to Meghalaya. He also released Souvenir and Hindi version of SOUL (Library Management Software) manual on the occasion. Prof Mrinal Miri, the Vice-Chancellor of NEHU presided over the inaugural function. Earlier, Dr T A V Murthy while introducing the theme of the convention appreciated the co-operation extended by the professionals of North Eastern states who showed their concern and enthusiasm to hold this convention at this beautiful NEHU Campus. Mrs. I Majaw, Librarian, NEHU and the Organizing Secretary of the convention and Mr. Prem Chand, Scientist- C of INFLIBNET delivered welcome address and vote of thanks respectively. The theme of the convention was 'Automation of Libraries in North Eastern Region: Trends, Issues and Challenges'. There was overwhelming response to call for papers. Authors from different states contributed and presented papers during the convention. The proceedings containing 45 full-text papers presented in the form of well organized

and edited volume, was brought out as pre-convention publication of 384 pages, which included 24 authors from different parts of North East. Two tutorials on different topics were also arranged to familiarize the delegates with the processes and technical know-how of network and digitization techniques. About 120 delegates registered for tutorials on “Building Digital Libraries” and “How to set up LAN in Libraries”. Dr. Veena Saraf, Reader, Department of Library & Information Science, NEHU and Sh. S K Sharma, Scientist- B, INFLIBNET Centre were the resource persons for these tutorials.

Technical sessions were held on November 6-7, 2003. Main theme of the Convention was categorized under two sub themes viz., IT based activities and Emergence of consortia. Commercial vendors were also given slots for presentation. Ch. Radheshyam Singh, Librarian, Manipur University chaired the first technical session, in which most of the papers discussed the automation status of different types of academic libraries mainly of North East India, highlighting the progress made during the last 10-15 years in the field of automation. The papers revealed that there are common problems such as lack of infrastructure, manpower, finances, etc. being faced by all the libraries and passive attitude of professionals and administrators towards IT application. Second area of discussion and presentation was use of library software, which varied from library to library with different standards and formats. There is hardly any uniformity and consistency in using tools and techniques of information processing and management. Such variations are creating bottlenecks in information sharing and exchange. However, some of the papers could suggest some guidelines for network planning including standardization

Second technical session was chaired by Prof AS Chandel, in which most of the papers were based upon case studies of different libraries covering networking, Online Public Access Catalogue, Web-based union catalogue being developed by INFLIBNET, need for information literacy, etc. While summing up the two technical sessions, it was quite explicit that proper strategic planning is required to promote and encourage IT application in libraries to take full advantages of new application in IT. The papers presented and discussed have given sufficient background for proper planning and implementation of IT based programmes.

Third technical session was chaired by Prof. Alka Bourgochain, which was devoted to consortia initiatives. Various models were discussed, some of which covered North Eastern Region too. There were presentations on existing consortia like INDEST, HELINET, FORSA, UGC-Infonet etc. including E-journals subscription. There were presentations by commercial organizations dealing with subscription of E-journals, discussing their services relating to full-text access to electronic journals.

Fourth technical session was chaired by Dr M Abdussar, Registrar, Royal University of Dhaka. The topics covered in various papers presented in the session were on search engines, digital library and Internet searching. Search features of various search engines were discussed with special emphasis on automatic indexing being done for Internet resources. Need for intelligent indexing was also referred for effective retrieval of information on Internet.

The convention concluded with valedictory function in which the proceedings of the convention were summarized by Prof AS Chandel, Head of DLIS at NEHU, Shillong who acted as Rapporteur General for the convention. The Chief Guest of the valedictory function was Mr. G P Wahlang, IAS, Commissioner of Education, Govt. of Meghalaya who, in his address, appreciated NEHU and INFLIBNET for bringing information professionals of North Eastern Region together to discuss their common problems relating to information organization and sharing. Registrar of NEHU, Prof. D T Khathing, Chaired the session. Dr. Veena Saraf and Mrs. I Majaw delivered the welcome address and vote of thanks respectively. During the

concluding session, delegates from Bangladesh and North East expressed their opinion about PLANNER and thanked the INFLIBNET for organizing this event at Shillong.

Some of the recommendations emerged out of the deliberations are as follows:

- There is a need to formulate guidelines, norms and standards for automation, networking, and information processing which all the academic libraries of the region should adopt.
- There is a need to formulate guidelines, norms and standards for automation, networking, and information processing which all the academic libraries of the region should adopt.
- INFLIBNET, in association with professional group of North East, may workout these standards and suggest the adoption of suitable hardware and software for the purpose.
- Academic libraries of the region should plan their own Library Network for mutual benefits as per requirements and needs of the region in addition of sharing other networks and consortia.
- Digitization lab should be established by pooling resources from UGC and other funding agencies in the region to initiate digitization process on sharing basis.
- As per suggestions from the participants of Bangladesh, the possibilities of information sharing may be explored between the two countries by INFLIBNET.
- Establishment of sub-centre of INFLIBNET in North Eastern region was also suggested, preferably in NEHU Campus, which has maximum infrastructure facilities for the purpose.

Shri Prem Chand and Shri K Prakash of INFLIBNET Centre, acted as Chief Coordinator and Convener respectively from the Centre for coordinating this activity.

6.2. International CALIBER-2004, February 11-13, 2004, Jamia Millia Islamia, New Delhi

INFLIBNET's annual International CALIBER – 2004 was held at Jamia Millia Islamia, a Central University at New Delhi during 11-13 February, 2004 on the theme “Road Map to New Generation of Libraries Using Emerging Technologies”. Inaugural session started with welcome address by Shri Syed Shahid Mahidi, the Vice Chancellor of Jamia Millia Islamia and introductory remarks by Dr. T.A.V. Murthy, the Director of INFLIBNET Centre. Prof. Yash Pal, National Research Professor and Ex-Chairman of UGC delivered his address and pointed out that the architecture of information is more important than what is available on the web. He suggested the librarians and academicians to work for a global information environment where all can share and exchange their information with each other. Prof. Arun Nigavekar, Chairman, UGC and the Chief Guest, in his inaugural address revealed UGC's objective of bringing technology to classrooms. He told that the success of UGC Infonet (UGC's new initiative to network Indian Universities) and E-journals initiative would be visible only if the changes are happening at grass root level of education and research. Automatic change in the mindsets of academicians is the need of the hour. He urged the INFLIBNET to conduct orientation and awareness programmes on IT and Internet use, across the country and educate academicians and students. He also released the conference proceedings and Prof. S.G. Mahajan felicitation volume. Dr. T.A.V. Murthy felicitated Prof. Mahajan. While speaking on the occasion Prof. Mahajan congratulated UGC-INFLIBNET for taking new initiative for the benefit of research and academic community. He also released SOUL manuals in regional languages viz., Telugu,

Malayalam, Punjabi and Oriya. Dr. Gayas Makhdumi, Organising Secretary and University Librarian, Jamia Millia Islamia proposed vote of thanks. The programme was well attended by more than 240 national and international delegates, invitees, guests and press-media.

The proceedings of CALIBER-2004 started with technical session on the sub-theme “Digital/Virtual/E-Libraries”. Dr. (Mrs.) M D Baby, Member of INFLIBNET Council and University Librarian, Cochin University of Science & Technology was the chairperson of the session assisted by two rapporteurs. There were 32 papers accepted for presentation and out of that, 18 papers were presented. Dr. S. Venkadesan, Librarian, Indian Institute of Science, Bangalore, presented the invited theme paper on 'Strategic Planning and Policy for Collection Development of E-resources to Satisfy User Requirements: A Case study of JRD Tata Memorial Library'. He gave a concise as well as comprehensive picture of E-Collection development by extracting the best practices emerging from the Tata Library experience. All the other papers in the first session addressed the significant issues such as digital information, digitization processes, case studies of digital libraries, digital conversion of special collection such as photographs, personalization system, interconnectivity, interoperability, digitization of cultural heritage, communication in digital libraries, standards and protocols and institutional repositories for holding and storing digital information and archival practices. Apart from training of staff of the library to digital world, user orientation to the digital information and ethical and fair use of digital resources were discussed. A very pragmatic issue raised and discussed in the first session was the print vs. electronic resources. This discussion led to another pertinent issue, 'interface between print and electronic'. After the presentation of papers, interesting and significant issues were raised by participants that took the session in the right direction. The feedback of the participants has helped to identify the main tasks left before the digital librarians.

On the Day 2, the theme “Strategic Planning and Catalyst for New Generation of Libraries” was taken for presentation and discussion. This session was chaired by Dr (Mrs) N J Deshpande from Department of Library and Information Science of Pune University who was assisted by the Rapporteurs Mr. Basur Ahmed and Dr Uma Kanjilal. In this session, there were 24 papers, out of which 17 were presented. In the theme paper, “Strategic Planning and Catalysts for New Generation of Libraries”, Dr. Rama Reddy, University Librarian of Hyderabad University specified the relevance of strategic planning and management in the modern libraries and information centres. He also codified the impact of changes in the planning environment and suggested the action plan for effective strategic planning for new generation of libraries. The issues and technologies addressed by others in this session were: challenges in the academic library, strategic planning for new technology in libraries, technological and legal implications of digital libraries, Intellectual Property Rights in the changing scenario, IT applications and implications of IT, digital information users, architecture and retrospective conversion. The content of the papers were based on observations, case studies and experimentation. During the session, a renowned library professional, Dr. Jaginder Singh Ramdev, who is the founder of SATKAL Trust, addressed the delegates. Dr. T A V Murthy, Director of INFLIBNET, felicitated him with a memento. Dr. P. Padhi from Utkal University chaired technical session on “Web Content Management” assisted by Dr Amritpal Kaur and Dr Sreenivaslu. Altogether there were 18 papers to be presented in the afternoon session; only 7 papers were presented including one theme paper. Dr. Hildrun Kretschmer initiated the theme paper on Webometrics with comparison with bibliometrics, scientometrics, and webometrics. There were two papers on data mining, two papers on knowledge management, one paper each on MyLibrary, XML for information portals and Knowledge Discovery in Databases.

Lot of interests was generated on the paper MyLibrary and the presenter answered a number of questions put by the participants. Sessions of the second day came to an end with a presentation on E-

Subscription consortia under UGC-Infonet, made by Dr. V S Cholin of INFLIBNET, which was supplemented by clarifications from Dr. T A V Murthy, Director of INFLIBNET. Dr. Murthy also embarked upon new initiatives of INFLIBNET and requested the whole-hearted support from librarians and academic fraternity.

Dr E Rama Reddy, University Librarian of Hyderabad University chaired the last session on “Emerging Technologies” and Shri Rajesh Chandrakar and Shri S Naqvi assisted him as Rapporteurs. It started with theme paper on “Emerging Technologies” presented by Shri S M Salgar, Scientist-G of INFLIBNET Centre. He covered all sub-theme areas and presented the latest and emerging technologies, which will change today's functions of libraries. He described the topics like networking, wireless LANs, digital services, e-education, distributed databases, mirror sites, etc. and tried to relate them with Library services. Out of 18 papers accepted for presentation, authors presented 10 papers. 6 papers covered W-LAN application in libraries; one each was on application of smart card technology, Info ATM, e-learning and digital repositories. All the papers described the ideas of library professionals in India, to acquire and implement the emerging technologies in their libraries to serve the user community.

Concluding ceremony started with the brief introduction by Shri S M Salgar about the conference and welcome address by Dr T A V Murthy. The Rapporteur General of the convention Dr B Satyanarayana, University Librarian of J N Technical University, Hyderabad presented the report of technical sessions. Few International delegates spoke on their experiences about CALIBER, like Dr Muhammed Ramzan (Pakistan), Dr Hildrun Kreshtmer (Germany), Dr H Suhaimi Abdul Karim (Brunei) along with Dr E Rama Reddy from University of Hyderabad. INFLIBNET Council Member Dr (Mrs) M D Baby from Cochin University of Science and Technology and GB Member Dr (Mrs) Nupur Prakash from GGS Indraprastha University, New Delhi also spoke on the occasion. The Chief Guest Prof J L Sardana, a distinguished Librarian and ex-President of ILA applauded INFLIBNET and JMI team for the wonderful convention organized. He also praised the progress made by the INFLIBNET and urged UGC for appointing more scientific staff for the smooth functioning of the programme. He also demanded for a national level coordination centre to look after the digital library initiatives in the country and according to him INFLIBNET will be the appropriate body to do the job. Prof Sardana released “Librarians' Guide to WWW” a book jointly written by Shri Suresh Panwar, Scientist-B, INFLIBNET and Dr T A V Murthy, Director, INFLIBNET distributed mementos to invited guests and foreign delegates. The concluding session came to an end with vote of thanks proposed by Dr Gayas Makhdumi, the Organising Secretary of International CALIBER-2004.

Shri S M Salgar from INFLIBNET acted as the Coordinator and Dr P Pichappan, LIS Professor from Annamalai University and President of Digital Information Research Foundation acted as the Co-ordinator for the technical sessions, respectively. The proceedings of the convention, containing 78 technical papers was brought out in book form. A daily newsletter “CALIBER-2004 Update” was published in the conference venue everyday covering programmes, news, interviews and photographs. Around 240 professionals from India and few from abroad attended the Convention. Around 25 librarians sponsored by Indian Council for Agricultural Research under World Bank NATP attended the conference. They felt that CALIBER-2004 was an excellent opportunity to interact with experts in the field and it will boost the ongoing initiatives for uplifting LIS system in agriculture libraries.

A good number of LIS students including a group of students from Saurashtra University also participated in the convention. Thomson-ISI and Elsevier Publishers arranged two commercial presentations and good number of companies participated in the exhibition held at the convention venue. Organizing committee also arranged cultural programmes for the delegates and invitees. Through this convention, INFLIBNET proved that it is not just creating a network of libraries but also mobilizing the concept of human resources development to transfer the concepts, knowledge and technology across the wide spectrum of library and information community.

Shri Yatrik Patel and Shri J K Vijayakumar acted as Convener and Co-Convener for the organizing committee and coordinated the CALIBER related activities from the Centre.

7. Training, Workshops, Conferences, Meetings, Seminars and Annual Day

7.1. INFLIBNET Regional Training Programme on Library Automation

The Centre conducted IRTPLA at following places in different states during the period of this report.

7.1.1. IRTPLA, Muthukur, Andhra Pradesh, 2nd to 8th June 2003

IRTPLA for the state of Andhra Pradesh was held at College of Fishery Science, Acharya N G Ranga Agricultural University, Muthukur, Nellore District, Andhra Pradesh, from 2-8 June, 2003. It was co-ordinated by the Dr. K Veeranjanyulu, Assistant Librarian, along with Shri B. Ramesh from INFLIBNET Centre.

7.1.2. IRTPLA, Sambalpur, Orissa, 25th to 29th August 2003

IRTPLA for the state of Orissa was held at Sambalpur University, Sambalpur, Orissa, from 25-29 August, 2003. It was co-ordinated by Shri Prahald Panda, along with Shri Rajesh Chandrakar from INFLIBNET Centre.

7.1.3. IRTPLA, Rohtak, Haryana, 10th 19th September 2003

IRTPLA for the state of Haryana was held at Maharshi Dayanand University, Rohtak, Haryana, from 10-19 September 2003. It was co-ordinated by Dr Ajit Singh Siwach, Librarian(I/c) along with Shri HG Hosamani, INFLIBNET and Shri R J Patil.

7.1.4. IRTPLA, Bilaspur, Chhattisgarh, 27th to 31st September 2003

IRTPALA for the state of Chhattisgarh was organized at Guru Ghasidas University (GGU), Bilaspur during 27-31 October 2003. Prof L M Malvi, Vice Chancellor I/c inaugurated the programme. Prof J L Saini, Dr U N Singh, Librarian and Shri Rajesh Chandrakar, INFLIBNET also spoke on the occasion. Mr K Majumdar, Dr R K Saxena, Dr Amit Saxena, Dr B Tiwari, Shri V K Singh, Shri S Pandey and Shri V K Bahety were present during the function. Dr U N Singh, and Mr K Majumdar acted as the resource persons along with Shri Rajesh Chandrakar from INFLIBNET. In the concluding session, Prof Girijesh Pant, the Vice Chancellor of GGU distributed the certificates. Twenty librarians attended the programme. Dr U N Singh, Librarian of Guru Ghasidas University was the coordinator for the programme.

7.1.5. IRTPLA, Mangalore, Karnataka, 1st to 5th December 2003

IRTPLA for the state of Karnataka was organized at Mangalore University, Mangalore during 1-5 December 2003. Dr P V Konnur, the University Librarian & Head of Department of Library & Information science at Goa University inaugurated the programme in the presidency of Prof B Hanumaiah, the Vice-Chancellor of Mangalore University. Prof A K Baradol (Chairman of Department of Library & Information Science, Mangalore University) and Shri K Prakash (INFLIBNET) were the Chief Guests. Shri K Sundar Naik, Registrar of Mangalore University welcomed the gathering. 20 participants from different parts of Karnataka attended the programme. In the concluding session, Dr Usha Munshi of INSA, New Delhi, Dr V R Nanjangaud (Director, Computer Centre, Mangalore University) and Prof K Siddappa (Ex Vice-Chancellor of Bangalore University) were present. Dr P V Konnur, Dr Usha Munshi, Dr V R Nanjangaud, Shri Doraiswamy, Shri Umesh Naik and Shri K Prakash from INFLIBNET acted as the resource persons. Dr M K Bhandi, University Librarian of Mangalore University acted as the Course Coordinator of the programme.

7.1.6. IRTPLA, Marathwada, Maharashtra, 16th to 20th December 2003

IRTPLA for the state of Maharashtra was organized at Dr Babasaheb Ambedkar Marathwada University, Aurangabad during 16-20 December 2003. Vice Chancellor of the University and the Chief Guest Dr K P Sonawane presided over the inaugural function. Shri H G Hosamani from INFLIBNET delivered the address. Dr (Mrs) AA Vaishnav, Professor and Head of Department of Library and Information Science at University acted as the Course Coordinator and Shri H G Hosamani acted as the resource person from INFLIBNET. 22 persons participated in the programme. In the concluding session, Registrar of the University distributed the certificates.

7.1.7. IRTPLA, Kottayam, Kerala, 27th to 31st October 2003

IRTPLA for the state of Kerala was conducted at Mahatma Gandhi University, Kottayam during 27-31 October 2003. Prof. K A Isaac (Former Head of DLIS and Librarian at University of Kerala) inaugurated the function. Dr C S Menon (Dean and Member of Syndicate), Dr (Mrs) M D Baby (GC Member-INFLIBNET and University Librarian, CUSAT, Kochi), Shri K Ravindran (Former Librarian, MGU), Smt K R Jayammal (Former Dy Librarian-I/c, MGU), Dr. V S Cholin and Shri. J K Vijayakumar (INFLIBNET) also spoke on the occasion. Dr (Mrs) M D Baby from CUSAT, Shri J Suku, Shri K Ravindran, Shri Raju Varghese and Shri G Unnikrishnan (all from MGU) acted as Resource persons along with Shri J K Vijayakumar from INFLIBNET. In the valedictory function, Shri P K Rajendra Kurup (Dy Librarian I/c and Course Coordinator, IRTPLA) presided over the meeting and the Chief Guest, Dr. Vikraman Nair, Registrar, Mahatma Gandhi University distributed the certificates to the participants. Twenty-five librarians participated in the programme.

7.1.8. IRTPLA, Burdwan, West Bengal, 17th to 21st December 2003

IRTPLA for West Bengal State was organized at Burdwan University, Burdwan during 17-21 December 2003. Prof L K Samanta, the Dean of Science faculty inaugurated the programme and Prof S P Biswas, Head of Department of Library and Information Science presided over the function. Shri S K De, Dr J Vijayakumar and Mr Bikesh Mukhopadhyay acted as the resource persons. 25 participants attended the programme. Dr. S. Dan, Registrar distributed the certificates to the participants on the concluding session. It was coordinated by Shri Bikash Mukhopadhyay, Information Scientist of Burdwan University under the guidance of Shri Samir Kumar De, Librarian of Burdwan University.

7.2. E-resources Management Training Programmes & Workshops

The training programmes and workshops were conducted for the library and computer science professionals on usage and management of e-resources subscribed under UGC-Infonet consortium. The details of the training programmes are given below.

The first training programme on "E-resources management in Networked Environment" held at INFLIBNET Centre on May 26-30, 2003. The programme was inaugurated by Dr. TAV Murthy, Director, INFLIBNET Centre. 20 participants from different parts of the country attended the programme.

The second Training Programme on E-Resource Management for 14 professionals, who are looking after UGC-Infonet in member universities from Library side, was held at INFLIBNET Centre on December 1-5, 2003. Sh. S.M. Salgar, Scientist-G, INFLIBNET Centre, inaugurated the Programme.

The third Training programme was held at INFLIBNET Centre on January 5-9, 2004. The Programme was inaugurated by Dr. TAV Murthy, Director, INFLIBNET and 19 participants attended the Programme.

The fourth Training Programme was held at INFLIBNET Centre on February 3-7, 2004. Nineteen participants took the training regarding the management of electronic resources. Dr. T A V Murthy, Director, INFLIBNET Centre inaugurated the programme.

All publishers and their representatives made presentations on various resources in addition to the faculty drawn from the INFLIBNET Centre. Dr V S Cholin, Scientist-B, INFLIBNET acted as the Course Coordinator for these programmes.

7.3. One-Day User Awareness Programmes

7.3.1 Training Programme at the Gujarat University, Ahmedabad, June 10, 2003

The first One-day Orientation Training Programme for faculty and research scholars was arranged at the Centre on 10th June 2003. Twenty one participants from Gujarat University and Gujarat Vidyapith participated in the programme. Inaugurating the programme, Sh. S M Salgar, Senior Scientist of the Centre informed the participants that the series of orientation programmes are planned by the Director, INFLIBNET across the country and urged the participants to be ambassadors of INFLIBNET and work as spokespersons of INFLIBNET to spread the message of UGC-Infonet and its benefits. Dr. V S Cholin, Scientist-B coordinated the programme.

The programme had few sessions on INFLIBNET and its activities, UGC-Infonet and e-subscription to scholarly journals and databases. The participants worked extensively on the use of gateway portals, databases and full-text access to journals and were impressed upon the facilities being offered by UGC under its Infonet programme through INFLIBNET Centre. It was announced that the INFLIBNET will organize series of user awareness programmes at different universities for the benefit of research and academic community.

7.3.2. Gujarat University, Ahmedabad, December 31, 2003

The second one-day Orientation Programme on E-Resources under UGC Infonet for faculty and research scholars of Gujarat University was arranged at the INFLIBNET Centre on 31st December 2003. 24 participants from Gujarat University, Ahmedabad attended the training programme. Shri S M Salgar, Scientist-G inaugurated the programme and informed that this kind of programmes will be held across the country. Detailed lectures were held about UGC-Infonet, E-resources subscription initiatives by UGC and hands on practical cum demonstrations were also arranged for accessing various databases and gateway portals. Dr. T A V Murthy, Director, INFLIBNET Centre distributed certificates to the participants, on the concluding session. Dr. V S Cholin, Scientist-B coordinated the programme.

7.3.3. National-Level Training Programme

Awareness is very important for success of e-subscription initiative. During the inauguration of International CALIBER 2004, Chairman, UGC urged the INFLIBNET Centre to organize "User Awareness Programme" across the country to nurture the culture of using e-resources by faculty and research scholars. He told that the users need to get exposed to the resources subscribed under this programme. By taking into account these facts, one-day user awareness programmes are planned at individual universities, where INFLIBNET depute a team to execute these programmes and university coordinate it. It is expected that individual universities will conduct such programmes regularly to inform the users about the new developments, etc.

The following User Orientation Programmes were organized during March 2004 across the country:

Sl.No	University	Resource Persons from INFLIBNET	Date
1.	Kurukshetra University (Haryana)	Shri H. G. Hosamani Shri Suresh Kumar	22 March, 2004
2.	Nagpur University (Maharashtra)	Shri Rajesh Chandrakar Dr T Temjen	22 March, 2004
3.	Jiwaji University, Gwalior (Madhya Pradesh)	Shri S K Sharma Shri Abhay Parmar	22 March, 2004
4.	Osmania University, Hyderabad (Andhra Pradesh)	Shri K Prakash Shri Ranjan Barik	23 March, 2004
5.	Punjabi University, Patiala (Punjab)	Shri H. G. Hosamani Shri Suresh Kumar	23 March, 2004
6.	Thapar Institute of Engineering and Technology, Patiala (Punjab)	Shri H. G. Hosamani Shri Suresh Kumar	24 March, 2004
7.	University of Rajasthan, Jaipur (Rajasthan)	Shri S K Sharma Shri Abhay Parmar	24 March, 2004
8.	Andhra University, Visakhapatnam (Andhra Pradesh)	Shri K Prakash Shri Ranjan Barik	25 March, 2004
9.	Jadavpur University, Kolkatta (West Bengal)	Shri Rajesh Chandrakar Dr T Temjen	24 March, 2004
10.	Panjab University, Chandigarh (Punjab)	Shri H. G. Hosamani Shri Suresh Kumar	25 March, 2004
11.	Birla Institute of Technology & Science, Pilani (Rajasthan)	Shri S K Sharma Shri Abhay Parmar	26 March, 2004
12.	Calcutta University (West Bengal)	Shri Rajesh Chandrakar Dr T Temjen	26 March, 2004
13.	University of North Bengal, Darjeeling (West Bengal)	Shri Rajesh Chandrakar Dr T Temjen	27 March, 2004
14.	University of Mumbai (Maharashtra)	Dr. V S Cholin Shri. Raghavedra Patil	29 March, 2004
15.	Tata Institute of Social Sciences, Mumbai (Maharashtra)	Dr. V S Cholin Shri. Raghavedra Patil	30 March, 2004
16.	Devi Ahalya Viswavidyalaya, Indore (Madhya Pradesh)	Sh. S.K. Sharma Mrs Vaisali Parikh	31 March, 2004

7.3.4. Training programme by SIN international

A special training programme on "Access to Chemical Abstracts through STN under UGC-Infonet E-Journal Consortium" were organized by the experts from CAS in India as per the following schedule:

Venue	Name of Participant Universities	Date
INFLIBNET Centre, Ahmedabad	Gujarat University, Ahmedabad; M S University of Baroda; Sardar Patel University; and Saurashtra University (Gujarat)	22 nd March, 2004
University of Goa	University of Mumbai; Shivaji University, Kolhapur; Karnatak University, Dharwad; University of Mysore; Mangalore University; Bangalore University and Goa University	27 th March, 2004
Anna University, Chennai	Madurai Kamraj Univeristy; Pondichery University; Andhra University, Vishakapatnam and Anna University, Channai	31 st March, 2004

7.3.5. UGC-Infonet Orientation Programme

The UGC-Infonet Orientation Programmes were offered at the university beneficiaries of the UGC-Infonet Programme. These training programmes were conducted at five places viz. Chennai, Amritsar, Goa, Kolkatta and New Delhi during September, 2003. INFLIBNET had its presentation on issues related to UGC-Infonet connectivity and E-journals Consortium. Shri K Prakash, Scientific/Technical Officer-I visited Madras University, Chennai and Goa University for presentation. Dr. T A V Murthy, Director INFLIBNET delivered lecture on UGC-Infonet at Jadhavpur University, Kolkatta. Dr. V S Cholin visited Jawaharlal Nehru University, New Delhi and Gurunanak Dev University, Amritsar for presentations. The presentation was quite interactive and most interesting for the participants. The participants were also given demonstrations on INFLIBNET activities and services.

7.4. Training Programmes on SOUL Software

SOUL software developed by INFLIBNET is attracting more number of libraries and during this period. SOUL Training Programme was conducted at the INFLIBNET Centre and other places as per the details given below. Shri Ashok Achtani, Section Officer, INFLIBNET acted as the Course Coordinator for the programmes:

Programme Number	Venue	Date	Number of Participants
9	INFLIBNET Centre, Ahmedabad	April 21-25, 2003	21
10	INFLIBNET Centre, Ahmedabad	June 2-7, 2003	25
11	Kerala Agricultural University, Trichur	June 9-14, 2003	20
12	INFLIBNET Centre, Ahmedabad	July 14-18, 2003	17
13	Acharya N. G. Ranga Agricultural University, Hyderabad	July 28-31, 2003	20
14	INFLIBNET Centre, Ahmedabad	August 4-8, 2003	20
15	INFLIBNET Centre, Ahmedabad	November 17-21, 2003	12
16	INFLIBNET Centre, Ahmedabad	November 24-28, 2003	08
17	Govt. Model Science College, Jabalpur (Madhya Pradesh)	December 15-27, 2003	20
18	Govt. Gitanjali Girls College, Bhopal (Madhya Pradesh)	December 15-27, 2003	23
19	Holkar Science College, Indore (Madhya Pradesh)	December 15-27, 2003	22
20	INFLIBNET Centre, Ahmedabad	January 5-9, 2004	16
21	Govt. Gitanjali Girls College, Bhopal (Madhya Pradesh)	February 3-14, 2004	21
21A	INFLIBNET Centre, Ahmedabad	March 23-25, 2004	17

7.4.1. Special Training Programme on SOUL

The following two special training programmes were organized on SOUL Software for libraries of Himachal Pradesh University, Solan and Gujarat Council of Education, Research & Training, respectively:

i) Training programme on SOUL at Solan, Himachal Pradesh, January 6-10, 2003

Dr Y S Parmar University of Horticulture and Forestry, Nauni (Solan) organized a “Training programme on SOUL for the working librarians of Himachal Pradesh Education Department” during 6th –10th January 2003. 18 working librarians selected from public and college libraries of Himachal Pradesh attended the programme.

ii) SOUL Awareness Training Programme at INFLIBNET Centre, March 23-25, 2003

SOUL Awareness Training Programme was arranged at the INFLIBNET Centre for Gujarat Council of Education, Research & Training from 23-25, March, 2004 under the aegis of GCERT to purchase SOUL for their 25 District Institute Libraries located in different parts of Gujarat. 17 participants attended the programme.

7.5. IT@AGRILIBNET-2003

With the support received from the World Bank through National Agriculture Technology Project (NATP), Indian Council for Agricultural Research with its great vision embarked upon training the manpower in libraries as a pre-requisite to implement its total library automation and networking programme in Agriculture sector across India. By taking into account INFLIBNET's highly recognized training capabilities, NATP authorities selected it as the national level training centre for Agriculture Librarians in India. Dr TAV Murthy, Director of INFLIBNET Centre, accepted the Herculean and motivating task given, after obtaining necessary permission from the University Grants Commission.

The INFLIBNET has successfully conducted nine training programmes during June – September 2003, under the title “ICAR-INFLIBNET Training Programme for Agriculture Librarians on Networking and E-Resources Management [IT@AGRILIBNET-2003]” as a series with two weeks duration each, specially designed for Agriculture Library professionals from institutes and universities. The course contents were identified in consultation with senior agriculture librarians and the INFLIBNET technical staff. The topics were selected keeping in view the objectives of this programme, i.e., awareness building of the most modern technologies and nurturing IT culture in agriculture librarians. The following broad topics were selected in which specialized INFLIBNET faculty delivered comprehensive lectures as mentioned below and practical aspects with equal emphasis:

Basics of Computer and Hardware/Software;

Planning for LAN in Libraries;

Network Security Issues;

Mail Server and Web Server Configurations & Applications;

Library Management Software Systems and SOUL;

Website Designing and Hosting;

Creation of Digital Libraries using Greenstone Digital Library Software;

Impact of INTERNET and Identification of Resources;

INTERNET Resources and Gateways for Agriculture Scientists; and

Design of a Model Agriculture Information System.

In addition to these, invited external faculties handled topics related to experiences in library automation, digital library creation and networking. Study tours to different libraries to understand the proper deployment and implementation of modern technologies were also arranged for the participants. The Centre conducted nine batches of training programmes to train 161 participants from 111 institutions as described below:

7.5.1. First Batch, June 16-28, 2003

The inaugural function of the first training programme consisting of 16 participants from 10 institutions in the series was held in conjunction with the inauguration of “Workshop on Website Designing and Hosting” on June 16, 2003. Dr Edward Proctor, Electronic Resources Librarian & Associate Professor, Southwest Missouri University, USA, inaugurated the function. He reminded the library professionals to accept the challenges and make face-lift of their libraries by adopting the latest technologies and appreciated the efforts taken by INFLIBNET to train the working librarians in this direction. Dr T A V Murthy, Director, INFLIBNET, Dr S P Jain, Librarian, GBPAU and Ms. Swati Bhattacharya, Librarian, IIM-Kolkata also addressed the participants on the occasion. In the concluding session held on June 28, 2003, Prof W. A. Alvi of Kashmir University handed over the certificates to the participants and delivered the concluding remarks.

7.5.2 Second Batch, July 1-14, 2003

The training programme for the second batch consisting of 10 participants from 6 institutions was organized during 1st July – 14th July, 2003. Shri S M Salgar, Senior Scientist of INFLIBNET Centre inaugurated the training programme and on the concluding day he distributed the certificates to the participants.

7.5.3. Third Batch, July 18-31, 2003

The third batch consisting of 18 participants from 10 institutions were trained during 18th July – 31st July 2003. The training programme was inaugurated by Shri S M Salgar and key-note address was delivered by Dr K H Shukla, University Librarian, M S University of Baroda. On the concluding day, Dr T A V Murthy, Director, INFLIBNET Centre distributed the certificates to participants.

7.5.4 Fourth Batch, August 4-17, 2003

The fourth batch consisting of 11 participants from 7 institutions were trained during 4th August – 17th August 2003 and the inaugural function was held in conjunction with the inauguration of “ICAR-INFLIBNET Workshop for Senior Agricultural Librarians on IT Management” and “SOUL Training Programme on Installation and Operations” on Monday, 4th August 2003. It was inaugurated by Dr R P S Alhawat, Vice Chancellor of Gujarat Agricultural University, Anand. Dr T A V Murthy, Director, INFLIBNET Centre also spoke on this occasion. On the concluding day, Shri S M Salgar distributed the certificates to participants.

7.5.5. Fifth Batch, August 19-30, 2003

The fifth batch consisting of 25 participants from 18 institutions were trained during 19th August – 30th August 2003. Shri S M Salgar, Senior Scientist of INFLIBNET Centre inaugurated the training programme. Participants attended the “Librarians Day Celebrations” and Seminar on “Trends in Librarianship” on 23rd August 2003 organised by INFLIBNET, ADINET and AMA at Ahmedabad. On the concluding day, Dr T A V Murthy, Director, INFLIBNET Centre distributed the certificates to participants. Ms. Ela Joshi, Deputy Director, EMRC, Ahmedabad also addressed the participants on this occasion.

7.5.6. Sixth Batch, September 1-12, 2003

The training programme for sixth batch of 22 participants from 16 institutions was organized during 1st September – 12th September 2003. Shri S M Salgar, Senior Scientist of INFLIBNET Centre inaugurated the training programme. On the concluding day, Shri Sathish Deshpande, Manager, British Council Library, Ahmedabad addressed the participants and distributed the certificates to them.

7.5.7. Seventh Batch, September 15-26, 2003

The training programme for seventh batch of 25 participants from 19 institutions was organized during 15th September – 26th September 2003. Dr. T A V Murthy, Director, INFLIBNET Centre inaugurated the training programme and Shri S M Salgar, Senior Scientist, INFLIBNET Centre distributed the certificates to the participants on concluding day. Ms. Ilaben Joshi, Deputy Director, EMRC also addressed the participants on this occasion.

7.5.8. Eighth Batch, November 3-15, 2003

The training programme for the eighth batch of the IT@AGRILIBNET 2003 consisting of 20 participants from 16 institutions was inaugurated by Dr. T A V Murthy, Director, INFLIBNET Centre on 03 November 2003 in the presence of Shri S M Salgar, Scientist G, INFLIBNET Centre. Dr. T A V Murthy, delivered the concluding remarks and distributed the certificates.

7.5.9. Ninth Batch, November 17-29, 2003

Prof. J L Sardana, Retired Professor, DLIS, Delhi University and Ex-President, ILA was the Chief Guest for the inaugural session of training programme organized for the ninth and last batch of 14 participants from the 9 institutions. The training programme was combined with INFLIBNET's 15th Training Programme in Installation and Operations of SOUL. Shri S M Salgar, Scientist-G, INFLIBNET Centre and Shri P C Shah, Honorary Director of ADINET were also present on this occasion. The programme was concluded by Dr Daksha Surti, Head of the DLIS, Gujarat University, Ahmedabad in the presence of Dr T A V Murthy, Shri S M Salgar, and Shri P C Shah. Dr. Murthy thanked the NATP/ICAR for recognizing INFLIBNET's potential and strength in terms of latest IT technology in the field of library and information science and giving it an opportunity to conduct the series of training programmes. He also expressed his thanks to Dr. S L Mehta, Dr. Bandhopadhyay and Shri N S Pakhale of NATP/ICAR.

IT@AGRILIBNET is the first kind of programme designed by INFLIBNET, in which participants were asked to make a presentation of the following projects in the concluding session (i) About Library and its services; (ii) SOUL Software – Each Module; (iii) Designing of Library Website; (iv) Creation of Digital Library using Greenstone DL Software; (v) Searching and Identification of Internet Resources and (vi) Evaluating the Programme. Dr. T A V Murthy, Director of the INFLIBNET Centre acted as Course Director for entire series of IT@AGRILIBNET-2003. Mr K Prakash and Mr J K Vijayakumar of INFLIBNET Centre acted as the course coordinators for the First Phase; Shri Rajesh Chandrakar and Shri Shivpal Singh Kushwah of INFLIBNET Centre acted as the course coordinators for Second Phase training programmes.

IT@AGRILIBNET in Nutshell

Batch	Date	Participants	Institutions
1	June 16-28, 2003	16	10
2	July 1-14, 2003	10	6
3	July 18-31, 2003	18	10
4	August 4-17, 2003	11	7
5	August 19-30, 2003	25	18
6	September 1-12, 2003	22	16
7	September 15-26, 2003	25	19
8	November 3-15, 2003	20	16
9	November 17-29, 2003	14	9
	Total	161	111

7.6. Senior Agriculture Librarian's Workshop

The ICAR-INFLIBNET Workshop for senior agricultural librarians on "IT-Management" was organized by the INFLIBNET, on 4-8 August 2003, under NATP Programme funded by World Bank. Dr S L Mehta, Director, ICAR, along with his team was the source of inspiration. It was inaugurated by Dr R P S Ahlawat, Vice Chancellor, Gujarat Agriculture University, in the presence of Dr T A V Murthy, Director, INFLIBNET Centre and Shri S M Salgar, Scientist-G, at Ahmedabad Management Association Auditorium. Shri H G Hosamani, Shri S S Kushwah and Smt N J Kaku jointly co-ordinated the workshop. There were 18 senior librarians, who participated from various ICAR universities and research institutes. Faculty from the INFLIBNET and other institutes conducted various sessions. Few commercial presentations by E-journal publishers and portals were also included during the workshop. The workshop concluded with drafting of proposals by the committee formed by the participants.

7.7. UGC-Infonet Management Training programmes at ERNET

Seventh Training Programme for the Computer Professionals from Universities covered under UGC Infonet was held during 13-18 October 2003 at ERNET India, New Delhi. Twelve participants attended this programme from selected universities.

Eighth Training Programme for the Computer Professionals from Universities covered under UGC Infonet was held during 2-7 February 2004 at ERNET India, New Delhi. Ten participants attended this programme from selected universities. Shri Meharban Singh, Senior Manager, ERNET India and Shri S K Sharma, Scientist-B, INFLIBNET Centre were the course coordinators for both the training programmes.

For any updates on UGC-Infonet initiatives, one can visit the website <http://www.ugcinfonet.ernet.in/> regularly.

7.8. Librarian's Day Celebration

Dr S R Ranganathan's birthday was celebrated as Librarians Day on 23rd August 2003 jointly organized by ADINET and INFLIBNET by conducting one-day seminar for LIS professionals and students of Gujarat. Shri P C Shah (Hon. Director, ADINET), welcomed and addressed about the mission of ADINET followed by the adage - "Think globally, act locally and commit personally".

Dr TAV Murthy, Director, INFLIBNET Centre, gave the keynote address. He has spoken about the Guru-Shishya Parampara in ancient India. How the knowledge was preserved and disseminated then, and what is the changing scene today. Shri Chandrakant Mehta, Principal, Hiramani School, called Dr Ranganathan, a Maharishi. He raised an important issue of R-Net. He asked when there are so many channels and networks, why not R-net or 'Readers-net'. He said that librarianship is not a profession but a mission. The Guest of Honour, Prof N V Vasani, Adviser, Nirma Education Research Foundation said, "The modern librarians have become information navigators from information dispensers."

Technical Session

Dr V S Cholin (Scientist-B, INFLIBNET), presented a theme paper on "Consortia for libraries and information centres". Electronic resource sharing can be done very effectively through consortia. He also talked about consortia initiatives established in India like FORSA, CSIR-Consortium, INDEST, UGC-Infonet, etc.

Ms Swadha Majumdar (NID) and Ms Shreyansi Parikh (NIFT), presented a paper on "Digitization of Library Collection". The actual process of digitization needs skilled manpower, special software and hardware. Digitization solves the problem of preserving rare archival material and security. The presentation concluded with presentation of a digitized video clipping of a fashion show.

The post-lunch session started with a quiz programme. Quiz programme was followed by presentation from Shri S R Deshpande (British Library), on "Human Resource Development in Library and Information Centres". HRD requires careful planning, analysis, development and attention in preparing new LIS professionals and refreshing existing ones.

Dr C N Rawal (SP University, Vallabh Vidyanagar), presented a paper on "Training Institutions for manpower developments in library and information science". He talked about the objectives of 10th Plan and present scenario of LIS education. He also talked about importance of Continuing Education Programmes, conducted by NISCAIR, DRTC, NISSAT, DESIDOC, INFLIBNET Centre, etc.

Shri S R Yagnik (MICA), presented a paper on "Funding agencies for professional upliftment". He talked about various types of funding available for training, research projects, presenting paper in seminar / conferences, writing books, scholarships, fellowships, etc. The sources to keep updated on such funding are – Newspapers, Newsletters, Directories, Journals, Websites, Personal contact, etc.

The day concluded with the report presentation by Shri K M Bhavsar and Prize distribution done by Dr Daksha Surti (Gujarat University).

8. Honors and Awards

8.1. Dr. T A V Murthy

SATKAL Award: Dr. T A V Murthy, Director, INFLIBNET Centre was awarded the prestigious "Punjab National Librarian Award" from Satinder Kaur Ramdev Memorial Trust for Advancement of Librarianship (SATKAL) for the year 2003 for his contribution to the library profession.

Hindi Award: Dr. T A V Murthy, Director, INFLIBNET Centre received award from "Akila Bharatiya Rashtra Bhasha Vikas Sangathan and U S M Patrika" for his contribution to Hindi implementation in the activities of INFLIBNET programme at national level.

IASLIC Council Member: Dr. T A V Murthy, Director, INFLIBNET Centre has elected to the 20-member Council of Indian Association of Special Libraries and Information Centres (IASLIC) for the term of 2004-05. Prof Ashok Nath Basu, Vice Chancellor of Jadavpur University and Mr Dipak Kumar Nag are elected as the President and General Secretary of IASLIC respectively.

Honorary Director for EMRC: Dr. T A V Murthy, Director, INFLIBNET Centre has appointed by Vice Chancellor of Gujarat University as Honorary Director for EMRC, Gujarat University for a period till the appointment of Director takes place.

8.2. Dr. V S Cholin

Ph D in Library and Information Science: Shri. V S Cholin, Scientist-B, INFLIBNET Centre was awarded Ph.D degree in Library and Information Science by Karnatak University Dharwad in June, 2003. He has worked for his thesis under the guidance of Prof. C R Karisiddappa, the President of Indian Library Association (ILA) and the Chairman, Department of Library and Information Science, Karnatak University.

Fulbright Professional Fellowship Award: Dr. V S Cholin, Scientist-B, INFLIBNET Centre was awarded Fulbright Professional Fellowship in Library and Information Science for the year 2004-05. This fellowship will provide him an opportunity to study the successful consortia initiatives in USA for a period of six months. The INFLIBNET centre has taken up new initiative of providing e-access to scholarly journals and databases through its e-journals consortium activity. The study will enable him to

understand thoroughly the issues relating to successful implementation of consortium activities in USA and its effective implementation at INFLIBNET on his return for the national benefit.

SIS Young Professional Information Scientist: Dr. V S Cholin, Scientist-B, INFLIBNET Centre was conferred with "SIS Young Professional Information Scientist" award by Society for Information Science (SIS), New Delhi. The award was given during the inaugural function of 22nd Annual Convention and Conference of SIS held at Indian Institute of Technology Madras during 21-23 January, 2004.

RRRLF, Kolkatta Best Paper Award: Dr. V. S. Cholin, Scientist-B of the Centre received the "Best Professional Article Award" co-authored by Shri Yatrik Patel, Scientist-B of the Centre in Best Professional Article Competition-2002 of Raja Rammohun Roy Library Foundation (RRRLF), Kolkatta for their article titled, "Model Strategic Plan for Public Library and Information System in India: Role of INFLIBNET". The prize distribution ceremony was held at Ahmedabad on 22 May, 2003 and the article published in their prestigious "Granthana" journal of RRRLF.

8.3. Sh. Yatrik Patel

RRRLF, Kolkatta Best Paper Award: Sh. Yatrik Patel, Scientist-B of the Centre received the "Best Professional Article Award" co-authored by Dr. V S Cholin, Scientist-B of the Centre in Best Professional Article Competition-2002 of Raja Rammohun Roy Library Foundation (RRRLF), Kolkatta for their article titled, "Model Strategic Plan for Public Library and Information System in India: Role of INFLIBNET". The prize distribution ceremony was held at Ahmedabad on 22 May, 2003 and the article published in their prestigious "Granthana" journal of RRRLF.

8.4. Sh. J K Vijaykumar

IFLA Travel Grant –2004: International Federation of Library Associations (IFLA), Netherlands, under its Advancement in Librarianship Programme (ALP), selected Shri. J K Vijayakumar, Scientific/Technical Officer-I, INFLIBNET Centre from India for IFLA Travel Grant for the year 2004. Under this Travel Grant, he attended the World Library and Information Congress and 70th IFLA General Conference during August 22-27, 2004 in Buenos Aires, Argentina. He also attended IFLA Pre-Conference in Marketing and Management during August 18-20 in Sao Paulo, Brazil.

ASIS&T Info-Share Award-2003-04: Shri. J K Vijayakumar, Scientific/Technical Officer-I, INFLIBNET Centre was awarded with the Info-Share Award of American Society for Information Science and Technology (ASIS&T), USA for the year 2003-04 from India.

9. New Staff Joined the INFLIBNET Centre

9.1. Scientist D

Shri Manoj Kumar K joined INFLIBNET Centre on 27 January, 2004. He holds Bachelor of Science in Chemistry from University of Calicut and Master of Computer Applications from Government Engineering College, Thiruvananthapuram. Before joining INFLIBNET he was working with Indian Institute of Management, Kozhikode as Programmer for five and half years. At IIM, Kozhikode he was involved in setting up of state-of-the-art IT infrastructure in the campus, as programme faculty in different workshops, training programmes for different kinds of professionals including Librarians. Altogether he carries experience of more than 10 years from various institutions including CEDTI (DOEACC), Kozhikode and Coal India Limited, Ranchi etc in different capacities. He is an active member of Computer

Society of India and actively involved in non-voluntary organizations like Junior Chamber and conducted several leadership development programmes, public speaking programmes and personality development programmes.

9.2. Project Scientists

Miss Vaishali Parikh, Miss Thiyam Satyabati Devi and Shri Suresh Kumar Chauhan joined the INFLIBNET Centre as Project Scientists (Library Science) initially for a period of one year in 2003.

Smt Sonia Dubey, Miss Ellora Parida and Shri Jai Prakash Sharma joined the INFLIBNET Centre as Project Scientists (Computer Science) initially for a period of one year in the year 2003.

Dr T Temjen joined INFLIBNET Centre as Project Consultant (Library Science) for a period of one year in the year 2003.

10. Staff Visits

Dr T A V Murthy attended O-US Workshop Open Digital Libraries and Interoperability held at USA during 23-25 June 2003 and presented a position paper.

Dr. T A V Murthy attended the 6th International Conference of Asian Digital Libraries (ICADL-2003) held at Kuala Lumpur, Malaysia during 8 - 11 December, 2003.

Dr T A V Murthy inaugurated the “Workshop on Democratizing Information with a Focus on Libraries”, on 18 January, 2004 in Mumbai. It was held in conjunction with the World Social Forum (WSF-4) on 16-21 January, 2004 in Mumbai. “Bytes for all” and “Sir Dorabji Tata Memorial Library”, TISS, Mumbai jointly organized the workshop. Various international experts including Ms. Kay Raseroka, new President of IFLA participated in the programme.

Dr. V S Cholin, Scientist-B, attended the World Library and Information Congress – 69th IFLA General Conference and Council held in Berlin (Germany), during 1-9, August 2003. The conference was attended by more than 4500 participants from 133 countries. 1/3rd of the participants were the first time attendees and he could get an opportunity to interact with many people and understand the developments in their countries. He could attend the IFLA – Standing committee on “Acquisition and collection Development” and with his active participation he was invited by the chairperson of the committee Ms. Nancy Davenport, to become corresponding member of the IFLA standing committee on Acquisition and Collection Development. He has also attended the brain storming session including Ms. Ann Ockerson and other committee members of PRAC (Publisher Relations Advisory Committee) and discussed various issues relating to developing countries.

Shri B Ramesh and **Shri Rajesh Chandrakar** participated in ICDL 2004 held at TERI, New Delhi on 24-27 February, 2004. Mr Chandrakar presented a paper entitled “Narrowing Digital Divide: Initiatives of INFLIBNET for Indian Academic Libraries” jointly written with Dr T A V Murthy.

Shri H G Hosamani participated in UNESCO-DSIR-CCMB Workshop on Digital Libraries Development for Information Workers in South Asia organized by CCMB (DSIR), Hyderabad during 28 January –7 February, 2004

11. Publications and Presentations in Journals, Conferences, Seminars, Meetings

11.1. International

- Dube, Sonia, Prem Chand and Murthy, TAV.** CD-ROM databases: approach for creation of personalized databases. *In*: Road Map to New Generation of Libraries using Emerging Technologies. Proceedings of International CALIBER-2004 (eds. Murthy, TAV ...[et.al.]) held in Jamia Milia Islamia University, New Delhi on 11th –13th February 2004. Ahmedabad: INFLIBNET Centre, 2004. pp 307-311.

2. **Chandrakar, Rajesh and Murthy, TAV.** Narrowing the digital divide: initiatives of INFLIBNET Centre for Indian academic libraries. *In: Knowledge Creation, Preservation, Access and Management. Proceedings of International Conference on Digital Libraries (ICDL-2004) held at India Habitat Centre, New Delhi on February 24-27, 2004.* pp. 81-88.
3. **Murthy, TAV, Singh, AP and Khan, MTM.** World Wide Web: development, usage and limitation. *In: Knowledge Creation, Preservation, Access and Management. Proceedings of International Conference on Digital Libraries (ICDL-2004) held at India Habitat Centre, New Delhi on February 24-27, 2004.*
4. **Chandrakar, Rajesh.** Barriers of bibliographic database creation in Indian university libraries: the INFLIBNET experience. *The Electronic Library*, 2003, 21(4). pp. 310-315.
5. **Chandrakar, Rajesh.** Unicode as a multilingual standard with reference to Indian languages. *The Electronic Library*, 2003, 22(5). pp. 422-425.
6. **Murthy, TAV.** Interoperability among Multi-Lingual Digital Libraries through UNICODE based Metadata: A Model for India. *In: Proceedings of INDO-US Workshop on Open Digital Libraries and Interoperability held at VA, USA during 23-25 June 2003.*
7. **Murthy, TAV, Gaur, Ramesh C and Munshi, Usha Majoo.** Institutional repositories: an alternative model for scholarly publishing. *In: Road Map to New Generation of Libraries using Emerging Technologies. Proceedings of International CALIBER-2004 (eds. Murthy, TAV ...[et.al.]) held in Jamia Milia Islamia University, New Delhi on 11th –13th February 2004. Ahmedabad: INFLIBNET Centre, 2004.* pp 267-275.
8. **Murthy, TAV, Prakash, K and Vijayakumar, JK.** IT@AGRILIBNET: a report. *Library High Tech News*, December 2003, 20(10). pp. 8-9.
9. **Murthy, TAV and Joshi, Ila.** Effect of ICTs on modern education. *i4D Magazine*, March 2004. pp.22-26.
10. **Prakash K, Vatnal, RM and Mathapati, GC.** Developing library and information services for e-learning environment. *In: Road Map to New Generation of Libraries using Emerging Technologies. Proceedings of International CALIBER-2004 (eds. Murthy, TAV ...[et.al.]) held in Jamia Milia Islamia University, New Delhi on 11th –13th February 2004. Ahmedabad: INFLIBNET Centre, 2004.* pp. 426-431.
11. **Salgar, SM.** Theme Paper on emerging technologies. *In: Road Map to New Generation of Libraries using Emerging Technologies. Proceedings of International CALIBER-2004 (eds. Murthy, TAV ...[et.al.]) held in Jamia Milia Islamia University, New Delhi on 11th –13th February 2004. Ahmedabad: INFLIBNET Centre, 2004.* pp. 351-357.
12. **Vijayakumar JK and Vijaykumar, Manju.** Knowledge, connections and communities: a special reference to Indian university libraries. *The International Information & Library Review*, 35(2-4), June-December 2003. pp. 375-382.
13. **Vijayakumar JK, Patel, Yatrik and Murthy, TAV.** XML for metadata in RDBMS based distributed bibliographic databases: a model. *In: Knowledge Creation, Preservation, Access and Management. Proceedings of International Conference on Digital Libraries (ICDL-2004) held at India Habitat Centre, New Delhi on February 24-27, 2004.*

14. **Vijayakumar J K and Patel, Yatrik.** International CALIBER-2004 report. Library Hi-Tech News, 21(3), 2004. pp. 3-5.

11.2 National

15. **Murthy, TAV, Temjen, T and Guha, Tamal Kumar.** Information needs in an ever-changing scenario. Libraries, Information and Knowledge, 21(1), January 2004. pp.65-68.
16. **Cholin, VS.** E-Subscription initiatives of UGC. Paper of ADINET Seminar held at ATIRA, Ahmedabad on 23 August, 2003.
17. **Cholin, VS and Karisiddappa, CR.** Impact of electronic resources in the academic environment: consortia approach. *In:* University and College Librarianship: Prof S G Mahajan Festschrift Volume. Deshpande, NJ and Patil, SK, eds. 2003, pp 134-148.
18. **Cholin, VS, Prakash, K and Murthy, TAV.** Sharing resources in the electronic information environment: role of INFLIBNET-UGC. *In:* Proceedings of ILA Seminar on Electronic Information Environment and Library Services: A Contemporary Paradigm. Sharma, SK Pandey, ed. New Delhi: ILA, 2003.
19. **Devi, Thiyam Satyabati and Devi, Thoudam Suleta.** Automation scenario of some selected college libraries. *In:* Automation of Libraries in North East Region: Trends, Issues and Challenges. Proceedings of PLANNER 2003 (eds. Murthy, TAV ... [et.al.]) held at North Eastern Hill University, Shillong on November 6-7, 2003. pp. 69-75.
20. **Murthy, TAV.** Information and Library Network Centre: a Profile. *In:* University and College Librarianship: Prof S G Mahajan Festschrift Volume. Deshpande, NJ and Patil, SK, eds. 2003. pp. 157-171.
21. **Murthy, TAV and P Lalitha.** Search Query Process of Image Database Retrieval System: A Review. *In:* University and College Librarianship: Prof S G Mahajan Festschrift Volume. Deshpande, NJ and Patil, SK, eds. 2003. pp. 208-214.
22. **Murthy, TAV and Kembhavi, Ajit.** UGC-Infonet: the e-journals programme for universities. INFLIBNET Newsletter, 9 (2-3), 2003. pp.16-17.
23. **Prem Chand, Prakash, K and Veena Saraf.** Electronic journals and consortia purchase: new trends in Indian academic libraries. *In:* Automation of Libraries in North East Region: Trends, Issues and Challenges. Proceedings of PLANNER 2003 (eds. Murthy, TAV ... [et.al.]) held at North Eastern Hill University, Shillong on November 6-7, 2003. pp 295-303.
24. **Prem Chand, Murthy, TAV and Gohel, Umesh.** Implementation of the web based union catalogue of university libraries in India: historical perspective. *In:* Automation of Libraries in North East Region: Trends, Issues and Challenges. Proceedings of PLANNER 2003 (eds. Murthy, TAV ... [et.al.]) held at North Eastern Hill University, Shillong on November 6-7, 2003. pp. 103-112.
25. **Temjen, T and Murthy, TAV.** Typographical errors in books database: an INFLIBNET endeavor. *In:* Automation of Libraries in North East Region: Trends, Issues and Challenges. Proceedings of

PLANNER 2003 (eds. Murthy, TAV ... [et.al.]) held at North Eastern Hill University, Shillong on November 6-7, 2003. pp. 95-102.

- 26. **Temjen, T and Saraf, Veena.** Attitude towards IT adoption: a study of library professionals in northeastern region. *In:* Automation of Libraries in North East Region: Trends, Issues and Challenges. Proceedings of PLANNER 2003 (eds. Murthy, TAV ... [et.al.]) held at North Eastern Hill University, Shillong on November 6-7, 2003. pp. 81-94.
- 27. **Vijayakumar JK, Murthy, TAV and Khan, MTM.** Accessing Indian university research literature: importance of ETDs in the verge of UGC-Infonet. *In:* Proceedings of 22nd Annual Convention and Conference of SIS (SIS-2004) (eds. Murthy, TAV ... [et.al.]) held at Chennai, India on 22-23 January 2004. pp. 53-57.

12. INFLIBNET Centre's Library

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

Significant statistical data as well as important activities of the Library relating to the period from April 2003 to March 2004 are as follows:

12.1. Collection

Library has unique collection in field of Library and Information Science and Computer Science and Networking.

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

12.2. Services

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

12.3 Library Automation

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

Hardware

- One Pentium IV, 224RAM, 80GB Hard disk for Server (Windows Advance Server-2000)
- One Pentium IV, 224, RAM, 80GB Hard disk for Digital Server (Windows Advance Server-2000)
- Two Pentium IV, 224, RAM, 80GB 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

Software

- SOUL (Software for University Libraries developed by INFLIBNET Centre)
- Windows server 2000 Operating System and MS-SQL Server 2000 (for Server)
- Windows 2000 Professional Operating System (for Client)
- WINISIS and GENISIS are using for other databases.
- Greenstone Digital Library (GSDL) Software

The Library has fully automated it's house keeping operations and OPAC is accessible through INFLIBNET Website. Library has e-mail and INTERNET facilities.

12.4. Institutional Membership

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

13. Other Important Events and Activities

13.1. UGC-Infonet Signing Ceremony

The University Grants Commission (UGC) signed MoUs with various national and international publishers on 6th October, 2003 at a function held at the Indian National Science Academy (INSA), New Delhi for providing electronic access to research journals for the benefit of the entire universities in the country. Prof. Arun Nigavekar, Chairman, UGC, Prof. V N Rajasekharan Pillai, Vice Chairman, UGC, Dr. T A V Murthy, Director, Information and Library Network (INFLIBNET) Centre, Prof. Ajit Kembhavi, Inter University Centre for Astronomy & Astrophysics (IUCAA) and representatives from various national and international publishing houses, besides eminent academics and UGC officers were present on the occasion. The scheme is wholly funded by the UGC. All universities, which come under UGC's purview, will be beneficiaries of the programme and it will gradually be extended to colleges as well. The first phase of the programme covers more than 50 universities and more universities will join the programme as soon as they get networked in the UGC-Infonet. This programme will cover major research disciplines in the faculties of Arts, Humanities, Science and Social Sciences. The literature includes journals covering research articles, reviews and abstracting databases. Access will be provided to current and

archival literature. Portals will be provided which will enable users to navigate easily through all the research literature. INFLIBNET will administer and monitor the programme and will have independent electronic access to all the publications to help with the process. One free print copy of each journal, subscribed under the consortium by each publisher for archival purpose is provided by many publishers. A website is created to provide all information to the consortium members about the details of the programme. Training programmes will be conducted to spread awareness and to develop expertise in the university community in the use of E-Resources.

13.2. UGC Golden Jubilee Celebration

Hon'ble President of India Dr A P J Abdul Kalam inaugurated the concluding function of the Golden Jubilee Year of the University Grants Commission (UGC) held at Vigyan Bhavan, New Delhi on 28th December, 2004. Prof. Murli Manohar Joshi, Union Minister for Human Resource Development (MHRD), Science & Technology and Ocean Development announced 1000 "Swarn Jyanti Scholarships for Post Graduate students" in colleges and universities in the general education system. He also declared a new scheme of "Professor of Eminence", which will be implemented from this year onwards in the university system. The Minister while releasing the new UGC logo said "the new logo reflects the contemporary nature of the challenging task that UGC has undertaken. It is good that they have now a motto line - "Gyan Vigyan Vimuktye" (Knowledge Liberates). The Minister also announced the establishment of four National Institutes of Sciences. Dr. Vallabh Bhai Ramjibhai Kathiria, Hon'ble Minister of State for Human Resource Development released a volume entitled "50 years of UGC". The President released the special cover of the UGC on this occasion. Shri. Ashok Pradhan, Hon'ble Minister of State for Communications & Information Technology, Shri S K Tripathi, Secretary, MHRD (Dept. of Secondary & Higher Education) and Prof. V N Rajasekharan Pillai, Vice Chairman, UGC also spoke on this occasion. Prof. Arun Nigavekar, Chairman, UGC welcomed the gathering and announced free access to research journals in e-format from January 1, 2004. Prof. Ved Prakash, Secretary, UGC proposed vote of thanks. Other Dignitaries present on this occasion included Justice Shri M. Rama Jois, Governor of Bihar; Shri Kailashpati Mishra, Governor of Gujarat; Justice Shri Vishnu Sadashive Kokje, Governor of Himachal Pradesh; Shri T.N. Chaturvedi, Governor of Karnataka; Thiru P.S. Ramamohan Rao, Governor of Tamil Nadu; Shri Vishnu Kant Shastri, Governor of Uttar Pradesh; Shri Gegong Apang, Chief Minister of Arunachal Pradesh; Maj. Gen. (Retd.) B.C. Khanduri, Minister of Road Transport and Highways; Mr. Vijay Bhushan, Secretary, Department of Posts, Ministry of Communications & IT; Senior MHRD officials; Commission Members; former Chairpersons, Vice Chairpersons and Secretaries of UGC; Vice Chancellors, Senior Academics, and former and present officers and staff of the UGC.

13.3. Independence Day

The 57th Independence Day of the nation was celebrated in the Centre on 15 August, 2003 Sh. S M Salgar, Scientist-G, of the Centre unfurled the national flag in the campus of the Centre. INFLIBNET staff, their families and children, attended the flag hoisting ceremony. Professors and other staff members of the Gujarat University with their families who are residing in the staff quarters in the INFLIBNET Campus also attended the function. Sh. S M Salgar addressed the gathering and said that this is time when we should think about what we have been able to do during the last one year and what we plan for future. On this occasion cultural and sporting events were organized for staff and family members. Sh Salgar distributed prizes to the winners.

13.4. Republic Day

INFLIBNET celebrated the 55th Republic Day of India in its campus. Shri S M Salgar, Scientist-G hoisted the national flag of India and addressed the staff members, their family members and invitees. He greeted all the staff members of the INFLIBNET for their good work and told that academic and research community in the country recognizes INFLIBNET's 12 years of existence due to its fast development in providing services. Shri D P Negi, Admin Officer (P&A) also spoke on the occasion. Staff members of INFLIBNET with their family members attended the republic day celebrations.

13.5. Distinguished Visitors

Prof. V N Rjashekharan Pillai, Vice Chairman, University Grants Commission visited INFLIBNET Centre on 16th July, 2003. Director, INFLIBNET welcomed the Vice Chairman and highlighted the activities of the Centre. All the Group Heads of the Centre made brief presentations on their group activities and discussed in details about their future plans. The discussions were very interactive. Vice-Chairman expressed his happiness about the number of new initiatives and responsibilities taken up by the Centre and also listened to the grievances of the staff members such as pension, career development aspects, etc. He lauded the role of INFLIBNET in executing the important projects viz. UGC-Infonet Connectivity programme and E-journals Consortium Programme under UGC-Infonet.

AES Training College & Centre, Panchmarhi, Madhya Pradesh a premier Army Institution engaged in training the soldier educators of the Indian Army visited the centre on part of their academic activity.

AES Training College & Centre, Panchmarhi, Madhya Pradesh a premier Army Institution engaged in training the soldier educators of the Indian Army visited the centre on part of their academic activity.

Dr. Usha Majoo Munshi, INSA, New Delhi.

Dr. S Ramani, Director, Research, HP Labs India, Bangalore and Chairman, GB-INFLIBNET.

Dr. P. Prakash, Joint Secretary, Bureau Head (IUC), UGC, New Delhi.

Shri. Pawan Agarwal, IAS, Financial Advisor, UGC, New Delhi.

Prof. Ajit Kembhavi, IUCAA, Pune.

Prof. Ashok Raina, TIFR, Mumbai.

Prof. D G Kanehere, University of Poona, Pune.

14. INFLIBNET Personnel

14.1. Scientific & Technical Staff

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	Sh. Suresh Panwar	Scientist-B (CS) Resigned
11	Shri K. Prakash	Scientific/Technical Officer- I (LS)
12	Shri R. Chandrakar	Scientific/Technical Officer- I (LS)
13	Sh. Shivpal Singh Kushwah	Scientific/Technical Officer- I (LS) Resigned
14	Shri J. K. Vijayakumar	Scientific/Technical Officer- I (LS)
15	Shri U. H. Gohel	Scientific/Technical Assistant-II (CS)

14.2. Administrative & Support Staff

Sr. No	Name of the Employee	Designation
1	Shri C. K. Shah	Administrative Officer (G.S.)
2	Shri D. P. Negi	Administrative Officer (PA&F)
3	Shri A. P. Ahtani	Section Officer
4	Shri S. R. Shah	Office Assistant-II
5	Shri S. F. Vanikar	Office Assistant-II
6	Smt. S. M. Munshi	Personal Assistant
7	Shri V. H. Oza	Office Assistant-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	Laboratory Attendant

14.3. 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	Shri Suresh Kumar	P.S. (L.I.S.)
6	Dr. T. Temjen	Project Consultant

14.4. 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.)

14.5. 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 Amitkumar 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.

14.6. 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

15. Finance and Accounts

Some of the financial indicators reflecting INFLIBNET activities over the last three years are given below. The Audited Accounts of the Financial Year 2003-04 are given on the following pages.

	(Rupees in Lakhs)		
	2001-2002	2002-2003	2003-04
Expenditures			
Capital	65.07	66.77	110.48
Operational/Administrative	118.45	140.39	154.75
Training Courses & Conference	21.80	19.21	17.07
Networking	3.99	10.17	8.16
Database Development	2.23	2.77	7.43
Grants in Aid received from UGC	180.00	193.75	190.42

RECEIPT & PAYMENT

Head of Accounts		F.Y. 2003-2004 (Current Year)	
		Receipt	Payment
1.	Cash on Hand (Opening Balance)	10,000.00	0.00
2.	Bank Balance (Opening Balance) S.B.I. Gujarat University Branch	6,84,292.00	0.00
3.	Cash on Hand (Closing Balance)	0.00	10,000.00
4.	Bank Balance (Closing Balance) S.B.I. Gujarat University Branch	0.00	11,07,118.60
5.	Advertisement Exps.	0.00	3,688.00
6.	Audit Fee	0.00	10,800.00
7.	Bank Charges	10,268.00	22,588.00
8.	Bonus	0.00	24,670.00
9.	Books & Journals	0.00	47,429.00
10.	Building maintenance	0.00	62,608.00
11.	C.C.A. (Admn. Staff)	0.00	19,140.00
12.	C.C.A. (Technical Staff)	0.00	39,840.00
13.	CALIBER-2002	0.00	0.00
14.	CALIBER-2003	0.00	20,467.00
15.	CALIBER-2004	27,620.00	4,53,657.00
16.	Canteen Account	43,860.00	44,577.00
17.	Canteen Subsidy	0.00	34,175.00
18.	Car Loan Advance	16,080.00	0.00
19.	Cash Contra	34,23,955.00	34,23,955.00
20.	Clearing & Forwarding Charges	0.00	34,623.00
21.	Computer Software	0.00	0.00
22.	Computers	0.00	1,00,19,336.00
23.	Conference & Symposium	0.00	1,05,811.00
24.	Consumable, Stores & Spares	0.00	5,57,982.00
25.	Conveyance Charges	0.00	5,754.00
26.	Database A/c.	0.00	46,725.00
27.	Database Development Exps.	0.00	7,42,664.00
28.	Dearness Allowance (Admn. Staff)	0.00	5,17,203.00
29.	Dearness Allowance (Technical Staff)	0.00	10,50,150.00
30.	Document Delivery Services	0.00	0.00
31.	Earnest Money Deposit	6,000.00	6,000.00
32.	Electrical Expenses	0.00	42,116.00
33.	Electrical Maintenance	0.00	0.00
CARRIED FORWARD		42,22,075.00	1,84,53,076.60

RECEIPT & PAYMENT

Head of Accounts		F.Y. 2003-2004 (Current Year)	
		Receipt	Payment
BROUGHT FORWARD		42,22,075.00	1,84,53,076.60
34.	Electricity Charges	0.00	7,19,352.00
35.	Entertainment Exps.	0.00	92,261.00
36.	Equipment Maintenance	0.00	1,42,966.00
37.	E-Subscription	0.00	8,10,233.00
38.	Festival Advance	9,000.00	9,000.00
39.	Foreign Traveling Exps.	45,188.00	1,70,430.00
40.	Franking Machine Advance	2,87,526.00	3,00,000.00
41.	Furniture & Fixtures	46,617.00	4,03,593.00
42.	G.B. Meeting Expenses	0.00	1,10,500.00
43.	Garden Expenses	0.00	14,224.00
44.	General Advance	3,89,000.00	5,16,000.00
45.	General repairs & maintenance	0.00	36,672.00
46.	Group Insurance Saving	45,835.00	41,231.00
47.	GRUH Finance Ltd.	34,104.00	34,104.00
48.	Guest House Caretaking Charges	0.00	29,320.00
49.	H.D.F.C. A/c.	39,144.00	39,144.00
50.	Honorarium Exps.	0.00	1,500.00
51.	Hostel Charges	40,660.00	0.00
52.	Hostel Dead stock	0.00	0.00
53.	Hostel Maintenance	0.00	72,327.00
54.	House Building Advance	72,420.00	0.00
55.	House Rent Allowance (Admn. Staff)	0.00	1,15,983.00
56.	House Rent Allowance (Technical Staff)	0.00	2,25,828.00
57.	ICSSR Workshop	0.00	0.00
58.	ICAR Workshop	30,50,000.00	15,24,712.00
59.	ICAR Workshop-Sr. Librarian	2,10,000.00	1,90,286.00
60.	Income Tax	3,72,143.00	3,72,143.00
61.	Income & Expenditure A/c.	0.00	0.00
62.	INFLIBNET Centre Employees P.F. Account	5,62,979.00	5,62,979.00
63.	INFLIBNET Employees Co. Op. Credit Society Ltd.	2,86,608.00	2,86,608.00
64.	INFLIBNET Sports & Recreation Club	2,730.00	2,730.00
65.	Institutional Membership Fee	0.00	61,908.00
66.	Interest A/c.	80,39,725.66	34,17,942.00
CARRIED FORWARD		1,77,55,754.00	2,87,57,052.60

RECEIPT & PAYMENT

Head of Accounts		F.Y. 2003-2004 (Current Year)	
		Receipt	Payment
BROUGHT FORWARD		1,77,55,754.00	2,87,57,052.60
67.	Interest on Scooter Loan	13,547.00	0.00
68.	Interim Relief (Admn. Staff)	0.00	7,335.00
69.	Investment In Fix Deposits	40,35,91,920.00	48,21,95,161.90
70.	L.C. Charges	0.00	0.00
71.	Legal & Professional Expenses	0.00	49,160.00
72.	Loss on Sale of Assets	0.00	1,19,789.00
73.	LTC Advance	49,656.00	55,776.00
74.	LTC Expenses	0.00	69,471.00
75.	L.I.C. of India	1,61,892.00	1,61,891.00
76.	License Fee (H.R.D.)	0.00	0.00
77.	Miscellaneous Income	17,801.00	0.00
78.	Miscellaneous Expenses	0.00	12,645.00
79.	Network Management for Library Workshop	0.00	1,500.00
80.	Networking Expenses	0.00	8,16,385.00
81.	Networking Grant-in-Aids	0.00	0.00
82.	Newsletter Publication Expenses	0.00	2,10,189.00
83.	Newspaper & Periodicals Expenses	0.00	42,054.00
84.	NISSAT A/c.	2,34,963.00	0.00
85.	Office Equipments	76,532.00	2,99,810.00
86.	Office Expenses	0.00	9,756.00
87.	Office Rent	0.00	5,92,500.00
88.	Overtime Allowance (Admn. Staff)	0.00	24,962.00
89.	Overtime Allowance (Technical Staff)	0.00	0.00
90.	P.F. Contribution	0.00	1,23,242.00
91.	Pension & Gratuity	0.00	20,490.00
92.	Planner-2003	0.00	3,33,664.00
93.	Planner-2004	0.00	4,804.00
94.	Postage & Telegram Expenses	0.00	3,05,452.00
95.	Professional Tax	22,020.00	21,980.00
96.	Recruitment Expenses	0.00	1,16,171.00
97.	Regional Training	0.00	3,53,318.00
98.	Reimbursement of Medicines	0.00	5,90,692.00
99.	Remuneration & Wages	0.00	4,16,649.00
100.	Rent for Director Residece-cum-Guest Hose	0.00	1,50,000.00
CARRIED FORWARD		42,19,24,085.66	51,58,61,899.50

RECEIPT & PAYMENT

Head of Accounts		F.Y. 2003-2004 (Current Year)	
		Receipt	Payment
BROUGHT FORWARD		42,19,24,085.66	51,58,61,899.50
101.	Revenue Stamps A/c.	310.00	310.00
102.	Salaries (Admn. Staff)	23.00	7,78,965.00
103.	Salaries (Technical Staff)	0.00	19,89,421.00
104.	Salary payable	30,57,491.00	30,57,491.00
105.	Sale of Furniture & Fixture	3,570.00	3,570.00
106.	Sale of Office Equipment	1,450.00	1,450.00
107.	Sale of Vehicle - Cycle	240.00	240.00
108.	Scientific Equipment	0.00	3,56,751.00
109.	Scooter Loan	90,550.00	0.00
110.	Security Deposit	25,998.84	25,998.84
111.	Security Expenses	0.00	2,77,150.00
112.	Service Charges to AES Hostel	0.00	3,56,000.00
113.	Service Charges to Director's Residence-cum-Guest House	0.00	5,400.00
114.	SOUL Expenses	50,04,170.00	25,16,880.00
115.	SOUL Training	0.00	0.00
116.	Staff welfare	0.00	4,120.00
117.	Stationary & Printing Expenses	0.00	3,16,118.00
118.	Stock	1,26,380.00	1,44,739.00
119.	Subscription for Technical Journals	0.00	0.00
120.	Sundry Deposit	28,700.00	6,000.00
121.	TA to Candidates	0.00	12,475.00
122.	TDR with L.C.	1,05,56,072.00	60,91,072.00
123.	TDS A/c.	0.00	9,869.00
124.	Telephone & Trunk Call Expenses	0.00	5,40,675.16
125.	Transport Allowance (Admn. Staff)	0.00	29,600.00
126.	Transport Allowance (Technical Staff)	0.00	96,000.00
127.	Traveling Expenses	63,904.00	5,24,600.00
128.	U.G.C. Grants	2,47,05,000.00	0.00
129.	U.G.C. Grants for E-Subscription	15,00,00,000.00	8,20,07,033.00
130.	U.G.C. Grants Grants for VSAT Hub Station	21,00,00,000.00	21,00,00,000.00
131.	U.G.C. Grants-in-aids for Networking	21,00,00,000.00	21,00,00,000.00
132.	UGC INFONET	0.00	1,96,628.00
133.	UGC INFONET (Training)	14,25,000.00	12,25,000.00
134.	Vehicle - Cycle	1,900.00	0.00
CARRIED FORWARD		1,03,70,14,844.50	1,03,64,35,455.50

RECEIPT & PAYMENT

Head of Accounts		F.Y. 2003-2004 (Current Year)	
		Receipt	Payment
BROUGHT FORWARD		1,03,70,14,844.50	1,03,64,35,455.50
135.	Vehicle Hire Charges	0.00	5,45,599.00
136.	National Workshop on Library Automation in Hindi	15,800.00	27,905.00
137.	Workshop on Web hosting	31,500.00	53,185.00
138.	World Health Organisation (WHO)	0.00	0.00
BALANCE		1,03,70,62,144.50	1,03,70,62,144.50

For,

Navin & Deepak
Chartered Accountants
T-12/A, Vikram Chamber,
Ashram Road,
Ahmedabad-380 009.

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 : 21.05.2004

Place : Ahmedabad
Date : 21.05.2004