Information and Library Network Centre
(INFLIBNET)
(An Autonomous Inter-Unviersity Centre of University Grants Commission)

Annual Report

(April 1, 2001 - March 31, 2002)

August - 2002

Contents

The Director's Report

I have the pleasure to present the Annual Report of INFLIBNET Centre for the period Ist April, 2001-31st March, 2002. During this period, the Centre has embarked upon significant activities and reached new heights of achievements. The entire set-up was reorganized into 8 functional Groups as detailed in Page Nos. 7 & 8 hereinafter keeping in view the relevance, application and the technological advancements that are taking place in the areas of Library and Information Science and Computer Science and Telecommunication Technology. Newer initiatives include decentralization of training programmes by way of organizing the regional library training programmes under INFLIBNET in every State.

Efforts were made to conduct inhouse training courses with new flavor and courses on inter-personal communication and managerial skills and advanced technological development were incorporated appropriately.

Specialised SOUL orientation training programmes were also conducted at Ahmedabad by inviting the professional staff of the universities who are handling the SOUL software.

Numerous distinguished scholars and experts in the above mentioned areas were invited by the Centre. Besides the above achievements, the prestigious annual convention CALIBER-2002, which was held in Jaipur, was overwhelmingly represented by large number of professionals from the state of Rajasthan and other parts of the country.

INFLIBNET also embarked upon usage of Hindi for day-to-day official transactions and training programmes. In order to keep abreast with the changing scenario, inhouse lecture series were introduced for the benefit of the Scientific and Administrative staff. The Centre also took up the important project of NISSAT-DSIR, Government of India, for creation of experts database in Science and Technology. Significant data has been collected and hosted on the Web in a record time under this Project.

Efforts were made to update the hardware and software wherever it was felt necessary.

The home page of INFLIBNET was also redesigned and hosted with a new look and feature. We strive to continue to serve the academic community with new vigour and vision.

The Scientists of the Centre geared-up their self in translating the vision for technological advancements into reality and contributed articles on the topics relevant to the activities of the organization. Further, they have presented a good number of quality papers at national as well as international level. The scientific talent exhibited and achievements made by the scientific personnel is praise-worthy. While appreciating the achievements of the scientific personnel, I wish to place on record my high appreciation for the outstanding services rendered by the Officers in Administration area and support provided by the subordinate staff for carrying out the activities and mission of the Centre. We also gratefully acknowledge the support received from the UGC.

2. The Governing Council, Governing Board and Finance Committee

(As on 31 March, 2002)

Governing Council

President

Dr. Hari Gautam
Chairman
University Grants Commission
Bahadur Shah Zafar Marg
New Delhi - 110 002

Members

Dr. Arun Nigavekar
Vice-Chairman
University Grants Commission
Bahadur Shah Zafar Marg
New Delhi - 110 002

Prof. R.Natarajan
Chairman
A I C T E
Indira Gandhi Sports Complex
I.P. Estate
New Delhi - 110 002

Dr. R. A. Mashelkar
Director General
C S I R
Rafi Marg
New Delhi - 110 001

Prof. M. L. Sondhi
Chairman
I C S S R
JNU Institutional Area
Aruna Asif Ali Road
P.B. No. 10528
New Delhi - 110 067

Dr. A. R. Bandopadyay
Director
National Library
Belvedr
Calcutta - 700 027

Prof. H. P. Dikshit
Vice-Chancellor
M. P. Bhoj Open University
Bhopal - 462 204 (M.P.)

Dr. H. K. Kaul
Director
Development Library Network
40, Max Muller Marg
New Delhi - 110 003

Dr. N. Vijayaditya
Acting Director General
National Informatics Centre
'A' Block, CGO Complex
Lodhi Road
New Delhi - 110 003

Member Secretary

Dr. T. A. V. Murthy
Director
INFLIBNET Centre
Nr. Gujarat University Guest House
Post Box No. 4116, Navrangpura
Ahmedabad - 380009

Governing Board

Finance Committee

Chairman

Dr. Hari Gautam
Chairman
University Grants Commission
Bahadur Shah Zafar Marg
New Delhi - 110 002

Members

Dr. G. G. Dandapat
Secretary
University Grants Commission
Bahadur Shah Zafar Marg
New Delhi -110 002

Shri O. P. Nigam
Financial Advisor
University Grants Commission
Bahadur Shah Zafar Marg
New Delhi - 110 002

Dr. R. P. Gangurde
Additional Secretary
University Grants Commission
Bahadur Shah Zafar Marg
New Delhi - 110 002

Dr. T. A. V. Murthy
Director
INFLIBNET Centre
Nr. Gujarat University Guest House
Post Box No. 4116, Navrangpura
Ahmedabad - 380009

Shri S. M. Salgar
Scientist "G"
INFLIBNET Centre
Nr. Gujarat University Guest House
Post Box No. 4116, Navrangpura
Ahmedabad - 380009

Shri C. K. Shah *(Non Member Secretary)*
Administrative Officer (F&A)
INFLIBNET Centre
Nr. Gujarat University Guest House
Post Box No. 4116, Navrangpura
Ahmedabad - 380009

SCIENTIFIC & TECHNICAL

1. Dr. T A V Murthy, Director
2. Shri S.M. Salgar, Scientist - G
3. Dr. T.S. Kumbar, Scientist - D
4. Shri Prem Chand, Scientist - C
5. Shri V.S. Cholin, Scientist - B
6. Shri B. Ramesh, Scientist - B
7. Shri H.G. Hosamani, Scientist - B
8. Shri Yatrik Patel, Scientist - B
9. Shri S.K. Sharma, Scientist - B
10. Shri Suresh Panwar, Scientist - B
11. Shri Asif S.A., Scientist - B
12. Shri K. Prakash, Scientific Technical Officer - I
13. Shri Rajesh Chandrakar, Scientific Technical Officer - I
14. Shri Shivpal Singh Kushwah, Scientific Technical Officer - I
15. Shri J.K. Vijayakurmar, Scientific Technical Officer - I
16. Shri Muralidhara N. , Scientific Technical Officer - I
17. Shri Umesha, Scientific Technical Assistant - II
18. Shri Umesh Gohel, Scientific Technical Assistant - II

ADMINISTRATIVE

FINANCE & ACCOUNTS

19. Shri C.K. Shah, Admn. Officer (F&A)
20. Shri Ashok Achtani, Section Officer
21. Shri Vimal Oza, Office Asst. - II
22. Smt. Rekha Pendharkar, Clerk-cum-Typist
23. Shri Ankur Parikh, Clerk-cum-Typist

PERSONNEL & ADMINISTRATION

24. Shri D.P. Negi, Admn. Officer (P&A)
25. Shri S.R. Shah, Office Asst. - II
26. Shri S.F. Vanikar, Office Asst. - II
27. Smt. Shahana Munshi, Personal Asst.

AUXILIARY & SUPPORT

28. Shri S.T. Yadav, Helper
29. Shri Vinod Dantani, Helper
30. Shri Bakul Parmar, Lab. Attendant

LIBRARY TRAINEES

31. Ms. Archana Shukla
32. Shri Lagdhir Rabari

TRAINEE DATA ENTRY OPERATORS

33. Shri Dipakkumar N. Makwana
34. Shri Sunil Dandwani
35. Shri Shailesh S. Prajapati
36. Ms. Krishna H. Joshi

INFLIBNET - DSIR/ NISSAT PROJECT STAFF

37. Ms. Sonia Dube, Computer Programmer
38. Ms. Niyati Oza, Research Associate
39. Shri Prakash Rathod, DEO cum OA
40. Shri Maqsud Shaikh, DEO cum OA
41. Shri Amar Trivedi, DEO cum OA

4. Sh. S M Salgar (Acting Director 28-02-2001 to 31-05-2001)

Consequent on the retirement of Shri Pramod Kumar, who served INFLIBNET as a Director for two terms since its inception, Shri S.M. Salgar, Scientist - G, the senior most Scientist of the Centre took over as Acting Director of the Centre from 28th February 2001 to 31st May, 2001. During his tenure, the annual national convention - CALIBER - 2001 was successfully conducted in collaboration with University of Pune at Pune during March 14-16, 2001. Shri Salgar joined the erstwhile INFLIBNET in its formative stage and made significant contribution to the growth and development of the Centre.

5. Dr. T A V Murthy - New Director, INFLIBNET (01-06-2001 to -)

Dr. T.A.V. Murthy joined INFLIBNET as the Director on 1st June, 2001. He is the first Director from the Library Science profession to hold such a prestigious position of this national network. Dr. Murthy carries with him a rich experience and expertise of having worked and managed a number of libraries in many prestigious institutions in the country viz. Administrative Staff College of India, Hyderabad; Institute of Defence Management, Secunderabad; University of Hyderabad; Small Industry Extension Training Institute, Hyderabad; Indian Agricultural Research Institute, New Delhi; National Library, Calcutta; Indira Gandhi National Center for the Arts (IGNCA), New Delhi and Central Institute of English and Foreign Languages (CIEFL), Hyderabad. He also worked as a Post-Graduate Research student in his early days with Catholic University of America, Washington - DC and Casewestern Reserve University, Cleveland - Ohio, USA. During his association with all these institutions, he has done an outstanding work in introducing innovative services using the IT. Some of the highly noticeable contributions are setting up KALANIDHI Reference Library and Manuscript Information System, Multimedia Digital Project at IGNCA and Digital Laboratory at CIEFL. Dr. Murthy's contributions to these institutions in particular and the profession at large in the country are well known. He has been associated with number of universities in the country and has guided number of Ph.Ds and actively associated with the national and international professional associations. He has also been associated at quite a few committees at national level and has published good number of research papers. He has also been responsible for conducting number of innovative training programmes in the institutes wherever he has worked. Dr. Murthy has M.Sc. in Library Science from Catholic University, USA and Ph.D. in Library Science from the Karnatak University, Dharwad. He is a Fellow of Society for Information Science (SIS) and also presently president of this body. He is endowed with the extraordinary oratory skills and in-depth knowledge about the IT and scientific management of the libraries. He was also

as member of the core group which designed and architectured INFLIBNET in 1986. He has been on several U.G.C. committees relating to academic matters. Elected member of IFLA - Art Libraries (1992-94). Alumini of I.I.M. Ahmedabad. Visiting faculty of many universities besides member and chairman of board of studies of many library and information science departments in the university system. Visited over 22 countries during professional carrier.

6. New set of Universities Funded during 2001-2002

No Universities were funded.

7. Reorganization of Technical Activities at INFLIBNET

The basic objectives of the centre are to provide well needed computer based library information and communication services to the university community and other users in the country. The emerging technology, changing conditions and user needs are continually redrawing the lines of innovations thereby providing new challenges and opportunities. To meet the challenges, there was a need to restructure and expand centre's activities, transforming it to high performance and team based organization focusing on end results. In order to achieve the set objectives as a first step, the technical activities of the centre have been re-organized into eight major groups.

➢ **Database Development & Maintenance Group** seeks to address key issues in the library and information centre in the country to support and enable local library's collection in which India's heritage of intellectual property will be available at local, regional, national and international level. The group has responsible for creating and updating union catalogue of books, serials, theses, experts, projects and manuscripts database of Indian universities.

➢ **Database R & D Group** for creation of multilingual database, assisting participating libraries in database development activities for preparing quality database, conversion programmes on ISO to union databases, interface to download MARC and CCF data.

➢ **Software R & D Group** to take care of system analysis and design, including design prototype, library management software SOUL under different platforms, search engines for multilingual databases

➢ **Informatics Group** to mount all the union databases to provide access, providing various services of INFLIBNET including bibliographic, DDS, COPSAT, OCLC first Search, STN, CD-ROM based services, organizing Internet resources of academic interest and provide links, promotion of membership, SOUL, Publication.

➢ **Human Resource Development & Consultancy Group** for concentrating on conducting training courses, workshops/seminars, specialized courses, onsite training, tutorials, CALIBER, preparing libraries for automation, identifying universities for funding, follow-up assistance etc also taking care of centre's library.

- ➢ **Networking, testing & Quality Control Group** to coordinate UGC-NET, LAN, WAN, setup and maintain of INFLIBNET's Intranet. Provide assistance to university for LAN setup, physical networks security policy design for e-resource like servers, routers, modem etc. database administration and tuning, backup of database, web server system, disaster recovery, system maintenance, testing and quality control, testing of all resources etc.

- ➢ **E-Learning Group** for multimedia based multilingual SOUL tutorials on CD as well as on web, exploring various e-learning technologies, analysis, design and implementation of e-learning technologies on INFLIBNET site exploring various uses of Tele-conferencing and video conferencing in e-learning, use of multimedia in e-learning.

- ➢ **Web Development Group** covering INFLIBNET site objectives analysis, site design and updating. Maintenance of links and various web services running at the site. Maintenance of Intranet web site and also maintenance of INFLIBNET Library web site.

8. Human Resource Development (HRD)

Human Resource Development is considered as an important activity of the Centre. Success of library automation depends on suitably trained manpower. Variety of course were started for this purpose. One month fully residential training programmes were organised for the library professionals in use of computers and networking in libraries. Twenty such courses have been arranged till the end of the 9th Plan and more than 380 library professional from across the country have been trained. These courses were mainly meant for working level library professionals. Shorter, one week duration, workshops were also arranged for heads of libraries. Seven such workshops were held and more than 100 persons were trained. In addition, INFLIBNET staff visited a number of university libraries and conducted on-site training. Specialised training courses on SOUL software were also arranged at the Centre. INFLIBNET Centre, in collaboration with NASDOC/ICSSR also conducted two workshops for library professionals from social science institutes regarding library automation and use of Internet. Two such workshops were also conducted for the library professionals of Akashvani Kendras in collaboration with AIR Regional Training Centre. The Centre introduced a new series of regional level training programmes for library and information professionals called "INFLIBNET Regional Training Programme for Library Automation (IRTPLA)". These programmes were held at 13 places covering library professionals from the states of Kerala, West Bengal, Orissa, J&K, North-East States, Haryana, Punjab, Gujarat, Delhi, Maharashtra, Karnataka, Andhra Pradesh, Tamil Nadu and Goa. In order to accelerate library automation activities, Director of INFLIBNET conducted regional meetings at Nagaland University, Kohima ; Panjab University, Chandigarh; Shivaji University, Kolhapur where librarians from neighboring states were invited.

a. 20th Training Programme Conducted

20th Training Programme on "Computer Application to Library and Information Services"(CALIS) was successfully conducted at INFLIBNET Centre, during September 10th to October 6th, 2001. This programme was specifically arranged to 19 universities funded during 2000-2001. This course was set in motion on 10th September, by Dr. R N Vakil, Dean, Centre for Environmental Planning & Technology (CEPT) and was presided over by Dr T A V Murthy, Director, INFLIBNET Centre.

During the four weeks programme the course had 38 lectures, of which 8 lectures were handled by invited resources persons and rest were handled by the faculty members from INFLIBNET. These Lectures mainly focused on the aspects relating to implementation of INFLIBNET programme in the respective libraries and recent trends in IT. Besides the lectures, more emphasis was given to practical sessions on

Basics of computers, MS Office Package, Operating systems, SOUL, Database creation using CDS/ISIS, CD-ROM Technology, Online Access, Internet, Webpage designing etc. Participants worked for a project on SOUL to develop more confidence in using this software. Participants were taken to visit a computerised library in the city. This programme was the 20th in the series and all the participants with this training will start creating their library holdings using the SOUL software, which is being purchased by these libraries.

b. Seventh workshop on "Automation and Networking of University Libraries Under INFLIBNET Programme"

INFLIBNET Centre has successfully conducted 7th Workshop on "Automation and Networking of University Libraries under the INFLIBNET Programme". This workshop was a first step for the new set of universities funded recently under INFLIBNET. A weeklong workshop was held for heads of these newly funded 19 university libraries during 25th June, 2001 to 1st July, 2001.

The workshop was inaugurated by Prof. Jeetendra Desai, Vice Chancellor, Gujarat Vidyapith and Dr. T A V Murthy, Director INFLIBNET Centre presided over the function. In his inaugural address Prof. Jeetendra Desai, highlighted the importance of library and library professionals in the research and development in the academia. He cited his own experience with the librarians. Dr. T A V Murthy speaking on the occasion emphasized the need for modernization of libraries and urged the librarians to adopt the new technology to handle the diverse information. He also said that, India is rich in its heritage and lot of knowledge and wisdom is available in the country, and we have to make this knowledge available to our research and academic community through the way of content creation. 18 participants from 18 universities participated in this workshop and took the benefit. This workshop was held as a part of series of human resource development programme of INFLIBNET.

There were 13 lectures in all and 5 of them were handled by invited speakers and the rest were handled by the faculty at INFLIBNET. These lectures mainly focused on various aspects relating to implementation of INFLIBNET Programme and recent trends in IT. Besides the lectures, the participants were exposed to Demonstration of SOUL (Software for University Libraries) - Library management software developed by INFLIBNET, access to Union databases developed at INFLIBNET, and browsing on Internet. A visit was also organized for the participants to a computerized library to give better insight on the automation activity.

Interesting feature of the workshop was presentation by the participants on the activities being carried out in their respective libraries and the action initiated by them in the successful implementation of the Programme. At the end of the workshop feedback session was also arranged where-in participants expressed their further expectations from INFLIBNET and their role in implementing project.

The concluding sessions was held on 30th June, 2001 at 1700 hrs. Dr. T A V Murthy graced the occasion and distributed the certificates. The participants of the workshop expressed gained enough confidence in proper implementation of the project.

c. AIR Workshop - 2002

A five day workshop on "Library Management in the Age of Computers" was organised at INFLIBNET from 7th - 11th January, 2002. This workshop was organised by the Regional Training Institute (Prog), All India Radio in collaboration with INFLIBNET Centre, Ahmedabad. This course was meant exclusively for the Librarians working in All India Radio Stations in four states viz. Gujarat, Rajasthan, Madhya Pradesh and Uttar Pradesh. It was attended by 22 participants.

The main objective of this particular workshop was to provide an exposure to the librarians in the area of application of information technology in AIR libraries. This was an intensive workshop devoted for imparting practical training.

d. ICSSR Workshop on "Access to Social Science Information in the Networked Environment"

A Five days Workshop on "Access to Social Science Information in the Networked Environment" was held at INFLIBNET Centre in collaboration with National Social Science Documentation Centre (NASSDOC), New Delhi (ICSSR) from 11-15 June, 2001. This Workshop was sponsored by Indian Council of Social Science Research, New Delhi and the Netherlands Foundation for the Advancement of Tropical Research, The Hague (WOTRO).

This workshop was held under the series of workshops that are planned by NASSDOC to be held in different parts of the country to create awareness about the Social Science Information usage. The response for the workshop was overwhelming and 24 participants took part in the workshop consisting of students, teachers and librarians who took active part in both lectures and hands-on-use of Internet.

e. INFLIBNET Regional Training Programme for Library Automation (IRTPLA)

At INFLIBNET, in the initial period, more emphasis was given for providing training to the university library staff. The libraries at the college level have now started taking initiative in the implementation of automation activities. INFLIBNET cannot conduct training courses for these libraries at INFLIBNET due to their sheer large number and also limitation of infrastructure at the centre. Since the universities covered under the programme have the infrastructure to conduct such training courses and also to cover the entire country at different places, four days training courses are being conducted at various universities.

Based on the recommendations made during CALIBER-2001 at Pune and with the overwhelming requests from all parts of the country, INFLIBNET Centre introduced a new series of regional level training programmes for library and information professionals, called as **INFLIBNET Regional Training Programme for Library Automation (IRTPLA)**. Detailed action plan is worked out and sent to the hosting institutions. INFLIBNET provides financial assistance to conduct these training programmes. As a first step, this programme was conducted at 13 places in the country. IRTPLA is aimed at library professionals in college, university or research libraries at state level. For convenience and more attention, the number of participants is restricted to 20, with a limitation of one participant from one institute. The content of the course includes following topics:

➢   INFLIBNET activities and services
➢   Basics of computers, communication, networking technologies
➢   Library Automation Scenario in India
➢   Use of Internet in Libraries
➢   SOUL- Library management software developed by INFLIBNET
➢   Bibliographic Standards with reference to MARC 21

Sufficient time is provided to the participants in hands-on practical experiences in SOUL.

State wise detailed report is being provided below.

Kerala

First ever programme in IRTPLA series was held for the state of Kerala at DLIS, Kerala University during October 29th November to 1st October 2001. Prof K. A. Issac, Former Librarian and DLIS-Head of Kerala University inaugurated the programme. 22 library professionals from various colleges and universities attended the programme At the concluding session, Prof Ramakrishnan, former head of DLIS distributed the certificates to the participants. Participants gave feed back about the programme and requested INFLIBNET to conduct more such programmes of this kind in future. Prof G. Devarajan, Dean Faculty of Arts and Head, DLIS was the coordinator of the programme.

Karnataka

IRTPLA for the state of Karnataka was conducted at Gulbarga University, Gulbarga from 5 - 8 November, 2001. Dr. S S Patil, renowned Industrialist and great statesman inaugurated the programme. Prof. M V Nadakarni, Vice Chancellor of Gulbarga University, Gulbarga presided over the function. Dr. R B Gaddagimath, Librarian was the Coordinator of the training programme The programme had overwhelming response through out the state, and 29 participants from various places of Karnataka could participate in the programme. Programme was concluded by Dean, School of Law, Prof. J S Patil delivered the concluding remarks and distributed the certificates. Participants gave their feed back in a pre-designed format.

Andhra Pradesh

IRTPLA for the state of Andhra Pradesh was organised at Jawaharlal Nehru Technological University, Hyderabad during 26 - 29 November 2001. Prof C Subba Rao, Chairman, AP State Council for Higher Education inaugurated the programme There were 22 participants from different parts of Andhra Pradesh. In the concluding session, Prof. Y Venkataramani Reddy, Vice-Chencellor of JNTU was the Chief-Guest and Mrs Y Pusphalatha V Reddy distributed the certificates to the participants. Dr. B Satyanarayana, Librarian JNTU was the Course- coordinator.

Maharashtra

IRTPLA for the state of Maharashtra was held at YCM Open University, Nasik from 19 - 22 November, 2001. Dr. A N Joshi, Director, School of Education inaugurated the programme on 19th Nov 2001. There were 21 participants from different parts of Maharastra State representing colleges and universities. Sh. Mdhukar Shewale was the Course-coordinator. Prof. Ashok Pradhan, V C of YCMOU was the Chief Guest for the concluding session and distributed the certificates to participants.

West Bengal

IRTPLA for the state of West Bengal was organised by Central Library, University of Calcutta from 5 - 8 November 2001. Prof. Ashok Basu, Former University Librarian of Calcutta University, Calcutta inaugurated the training programme and Prof. Hiran Kumar Banerjee, Pro-Vice Chancellor of Calcutta University, Calcutta presided over the function. Prof. Ashok Basu stressed the importance of information technology in achieving overall vision of academic excellence. 22 participants from various parts of West Bengal participated in the programme.

Orissa

IRTPLA for the state of Orissa was conducted at Utkal University, Bhubaneswar from 28 November to 1

December, 2001. Dr. P. Padhi was the Coordinator of the training programme. The programme was inaugurated Dr. Pandav Nayak, Vice Chancellor of Utkal University, Dr. A. K. Pujari, Chief Executive, Orissa Computer Application Centre presided over the functioin. 18 Participants from various places of Orissa state participated in the programme. The programme was concluded by Prof (Mrs.) Sarada Rath, Chairperson, Post Graduate Council, Utkal University, with distribution of certificates to the participants.

Jammu & Kashmir, Himachal Pradesh and Uttaranchal

IRTPLA Programme at Jammu University was held during 26 - 29 November, 2001. There was an overwhelming response for this programme and 16 participants took part in training programme. Prof. A. N. Sadhu, Dean Academic Affairs, DLIS inaugurated the programme, He emphasised the importance of Information Technology in the area of Library Management. Prof I. V. Malhan, was the coordinator of the programme. In the concluding session, certificates were distributed by Prof. Sadhu, Dean, Jammu University.

North-East States

IRTPLA programme for northeast region was held at DLIS, Guwahati University during 19 - 22 November, 2001. Registrar of Guwahati University inaugurated the programme 22 participants from various colleges and universities from almost all states in northeast region participated in the programme Prof. Narendra Lahkar, Head of DLIS was the coordinator for this programme In concluding session, certificates were distributed by Vice Chancellor, Gauhati University. Dr. TAV Murthy, Director, INFLIBNET was also present for the concluding session and gave speech on support by INFLIBNET in NE region for various activities.

Gujarat

IRTPLA for Gujarat was held at North Gujarat University, Patan during 12-15, December 2001. Sh. M K Prajapati was the Course coordinator. 23 participants from different parts of the state participated in the programme. On the last day, Dr. TAV Murthy, Director INFLIBNET addressed the participants. Registrar and Dean from the university were also present at the function.

Delhi

IRTPLA programme for the state of Delhi was held at two places to cover more number of colleges. First programme was held at University of Delhi during 8-11 January 2002. The programmewas inaugurated by Dr. Yogendra Singh, Chief Librarian, IIT Roorkee, who delivered the inaugural address. 20 participants participated in the programme Dr. Pravakar Rath, Faculty of LIS, IGNOU distributed the certificates to the participants. Prof. M L Saini was the coordinator of the programme.

New Delhi

The second IRTPLA programme in Delhi was held at Jawaharalal Nehru University, New Delhi during 14 - 17 January, 2002. The programme was inaugurated by Prof. Asis Datta, Vice Chancellor. Speaking on the occasion Prof. Datta highlighted the changing role of library in information society and emphasized that the users are time conscious and would like to access information at earliest. 23 professionals participated in the programme Dr. S. M. Dhawan, Scientist-G, National Physical Laboratory was also invited as resource person for the programme The programme concluded by Prof. Kapil Kappor, Rector JNU who distributed the certificates. Dr. Krishan Gopal, Dy. Librarian was the coordinator of the programme.

Goa

IRTPLA programme for the state of Goa was held at Goa University Library during 21 - 24 January, 2002. The programme was inaugurated by Prof. B.S Sonde, Vice Chancellor. Speaking on the occasion Prof. Sonde called upon the librarians to make best use of the facilities extended by INFLIBNET which is the only nodal centre for all information requirements and automation activities for the academic libraries in the country. 20 professionals participated in the programme Prof. L J Haravu was the special guest invited by the library and he handled few sessions on automation and MARC standards. The programme concluded by Prof. F. A. Fernandes, Director, Academic Staff College and distributed the certificates. Dr. P. V. Konnur was the coordinator of the programme.

Tamilnadu & Pondicherry

IRTPLA for the states of Tamil Nadu and Pondicherry was held at Pondicherry University during February 26- March 1, 2002. Prof V. T. Patil, Vice-Chancellor of Pondicherry University inaugurated the programme and the keynote address was delivered by Mr M Manivannan, Technical Director, NIC-Pondicherry. Shri P Ramanathan was Co-coordinator of the programme. There were 24 participants attended the programme with a representation from all regions of both the states. At the concluding session, Prof S Narayan, Dean of Faculty of Management and former VC I/C, Pondicherry University delivered the valedictory address and handed over the certificates to the participants.

Haryana

IRTPLA programme for the state of Haryana and Rajasthan was held at Deptt. of Library and Information Science, Kurukshetra University, Kurukshetra during 20 - 23 March, 2002. The programme was inaugurated by Prof. Lalchand Gupta Mangal, Dean, Faculty of Arts. Prof. Ashu Shokeen was the co-ordinator of the programme and 14 participants were attended the IRTPLA programme. Dr. T A V Murthy, Director, INFLIBNET Centre was the special guest for concluding session.

f. In-House Programmes

Workshops on English Language, Communication Skills and Personality Development

As a part of HRD Programmes to enhance the skills of the INFLIBNET staff, in house workshops were organised by the Centre for "English Language" and "Communication Skills and Personality development". All staff members from INFLIBNET, both from scientific/technical and administration including trainees, NISSAT project and ADINET staff participated in these workshops in two batches. Workshops were organised for first batch during 17-21 October, 2001 and for second batch during 18-22 December, 2001 respectively. Two eminent trainers in these fields, viz, Prof Jacob Mathews from Academy of Human Potentials, Ahmedabad and Prof M Krupa Shankar from Hyderabad conducted these two workshops. The workshops proved to be highly successful and motivational by improving the knowledge and communication skills of the employees tremendously. Sh D P Negi, Admin. Officer (P&A) of INFLIBNET was the Course Coordinator for these two workshops.

In-House Lecture Series

➢   A monthly in-house lecture series has been started at INFLIBNET for the benefit of its Scientific and Technical staff. Under this series, a lecture is delivered by a staff member on a particular topic related to IT; followed by group discussion.

➢   Dr T AV Murthy, Director inaugurated this new programme by delivering the first lecture of this series on "Internet Engineering in Libraries" on 31st July, 2001.

- Shri Suresh Panwar, Scientist-B delivered the second lecture in the series on "Video Conferencing and related technologies" on August 31, 2001.
- On September 30, 2001, Prof S K Kak, Professor, Banaras Hindu University & GB Member INFLIBNET visited INFLIBNET and discussed various issues related to the technical activities of INFLIBNET with the technical staff.
- Sh. V S Cholin, Scientist-B delivered another lecture on 31st October on "Formation of Library Consortia through INFLIBNET". All the lectures were very informative and all scientific and technical staff participated in the discussions.

9 . INFLIBNET Regional Meetings

In order to accelerate library automation and related activities, Director of INFLIBNET conducted following regional meetings.

Nagaland University Library, Kohima

First meeting in the series was arranged for North East Region at Nagaland University Library, Kohima on 23 November, 2001. Prof. G. D. Sharma, Vice Chancellor, Nagaland University in his welcome address laid emphasis to strengthen the Library Networking though which academic and research community can update their knowledge. Dr. T. A. V. Murthy elaborated on the objectives and activities of INFLIBNET to the gathering comprising University Librarians from NE region. Librarians put forward their difficulties faced by them in automation and networking of their libraries. The meeting resolved that INFLIBNET should provide free training on SOUL and a document delivery Centre should be established in North East area. Director, INFLIBNET assured that training programmes and document delivery centers will be established depending upon financial and infrastructure back grounds.

Panjab University Library, Chandigarh

A regional meet of University Librarians, sponsored by INFLIBNET, was held at Punjab University Library, Chandigrah, on November 28, 2001 under the Chairmanship of Dr. T.A.V. Murthy, Director, INFLIBNET Centre. Librarians of Universities from Punjab, Haryana, H.P., Chandigrah, Jammu & Kashmir and Uttaranchal attended the meet. Dr. Murthy highlighted the challenges before the INFLIBNET and specified priority areas for the development of infrastructure facilities with regard to library automation, such as manpower training; R & D work including development and review of library software especially the SOUL package; and development of information services through e-learning. He announced that eight more Document Delivery Centres were to be set up shortly in different parts of the country. The agenda put forth by Prof. A. R. Sethi, Panjab University Librarian and Convenor of the Meet, set the issues for discussion. The University libraries were confronted with challenges like ageing equipment, enforcement of standards, erratic maintenance grants, manpower training, content creation, web-site creation and digitalization of special collections. Other issues like status of Document Delivery Service and non-representation of university librarians in the decision-making bodies of UGC and INFLIBNET also came up for discussion. The Director assured action on each of the issues raised by the participants.

A demo of SOUL software was given on this occasion, which invited crosscurrent of views. Realizing the fruitfulness and focus of this regional meeting, it was decided to hold such meetings at regular intervals in future.

Shivaji University Library, Kolhapur

In order to accelerate the library automation related activities in Maharastra, Karnataka, and Goa states, a regional meeting was held at Shivaji University Kolhapur on 27th December, 2001. Along with Dr TAV Murthy, Sh. SM Salgar and Sh. K Prakash from INFLIBNET Centre attended the meeting. Smt. Sumithra Jadhav, Librarian I/C, Shivaji University was the convenor for this meeting.

Discussion took place on the activities relating to automation, recruitment of Information Scientist, retrospective conversion, upgradation of systems, purchase of SOUL, Document delivery etc. Director informed about the UGC-NET. 16 university librarians were present for the meeting.

10. SOUL Software Related Activities

a. SOUL Orientation Programmes

Specialized SOUL orientation training programmes were conducted at Ahmedabad by inviting the professional staff of the universities in handling the SOUL software.

The first orientation programma for SOUL purchasers in the series was conducted from 3-5 December, 2001. 17 participants attended this programma.

The second programma was conducted from 25-27 February, 2002. 18 participants attended this programma. Shri B Ramesh, Scientist-B, INFLIBNET centre acted as the programma coordinator for both the programmes.

b. SOUL Evaluation

Several senior library professionals were approached to evaluate the SOUL software with a view to incorporate their suggestions in the new version. Accordingly, Dr. L. J. Haravu (Rtd. Manager, ICRISAT, Hyderabad) and Dr. S. R. Ganpule (Rtd. University Librarian of Mumbai University) offered their valuable observations, which were duly incorporated in the new version.

c. SOUL Demo Version Released

The SOUL software developed by INFLIBNET has become very popular and getting attention from all types of libraries at National level. There is an increasing demand for the demonstration of software from all corners, which is difficult to arrange at individual places. To encourage the use of SOUL software, INFLIBNET has released SOUL demo version, which will be available to libraries on request free of cost. The demo copy of the software has been sent to all library and information science departments to provide training on SOUL to their students. It is encouraging that many library and information science schools in the country included study of SOUL in their curriculum.

Sr. No.	NAME OF UNIVERSITY / COLLEGE

(ANDHRA PRADESH)

01.	Central Inst. of Engg. & Foreign Language, Hyderabad.
02.	Jawaharlal Nehru Tech. University, Hyderabad.
03.	Maulana Azad National Urdu Univ. Hyderabad.
04.	NTR University of Health Science, Hyderabad.
05.	Rashtriya Sanskrit Vidyalaya, Tirupati.
06.	Shree Krishnadevraya University. Anantpur.
07.	Sri Padmawati Vishwavidyalaya, Tirupati.
08.	P S Telugu University, Hyderabad.
09.	Muffakhan Jha College of Engineering & Tech. Hyderabad.
10.	Shree Vidyaniketan Engi. College, Chittor, Rangape.
11.	Kakatiya University, Warangal

(ASSAM)

12.	Assam University, Silchar.
13.	Institute of Adv. Study In Sci. & Tech. Guwahati, Assam.

(BIHAR)

14.	B B Ambedkar Bihar University, Muzzafurpur, Bihar.

(NEW DELHI)

15.	Jawaharlal Nehru University, New Delhi.

(GUJARAT)

16.	Bhavnagar University, Bhavnagar.
17.	Dr. Babasaheb Ambedkar Open University, Ahmedabad.
18.	Gujarat Ayurved University, Jamnagar.
19.	M S University of Baroda, Vadodara.
20.	North Gujarat University, Patan.
21.	Saurashtra University, Rajkot.
22.	Tolani Commerce College, Adipur.

(HIMACHAL PRADESH)

23.	Dr. Y S Parmar Univ. Of Horticulture & Forestry, Solan.

(JAMMU & KASHMIR)

24.   University of Kashmir, Srinagar.

(KARNATAKA)

25.   Bangalore University, Bangalore. **(4 Copies)**
26.   Kuvempu University, Shimoga.

(KERALA)

27.   Mahatma Gandhi University, Kottayam.

(MADHYA PRADESH)

28.   Devi Ahilya Vishwavidyalaya. Indore.
29.   Indira Kala Sangit Vishwavidyalaya, Khairagarh.
30.   Jiwaji University, Gwalior.
31.   Mahatma Gandhi Chitrakoot Gramoday
               Vishwavidyalaya, Chitrakoot.
32.   MLB Girls College, Bhopal.
33.   Dr. Hari Sing Gour Vishwavidyalaya.

(MAHARASHTRA)

34.   Amravati University, Amravati.
35.   Bharti Vidyapith. Pune.
36.   Dr. Babasaheb Ambedkar Tech. Uni. Lonere.
37.   University of Mumbai, Mumbai.
38.   North Maharashtra University, Jalgaon.
39.   Shivaji University, Kolhapur.
40.   Swami Ramanand Tirth Marathawada Uni. Nanded.
41.   Tata Institute of Social Science, Mumbai. **(2 Copies)**
42.   Tilak Maharashtra Vidyapith, Pune.
43.   Y C Maharashtra Open University, Nashik. **(12 Copies)**
44.   Global Telesystems Limited, New Mumbai.
45.   Rajaram College, Kolhapur.
46.   Akbar Peerbhoy College of Com.& Eco. Mumbai.
47.   International Institute of Population Studies, Mumbai.

(PUNJAB)

48.   Thapar Inst. of Engineering & Tech. Patiala.

(RAJASTHAN)

49.   Banasthali Vidyapith, Banasthali.
50.   Jai Narayan Vyas University, Jodhpur.
51.   Jain Vishwa Bharti Institute, Jodhpur.
52.   Mohanlal Sukhadia University, Udaipur.
53.   Modi Institute of Technology, Kota.
54.   Rajashthan Vidyapith.

(TAMIL NADU)

55.   Alagappa University, Karaikudi.
56.   Avinashlingam Institute of For Home Science, Coimbatore.
57.   Gandhigram Rural Institute, Gandhigram.
58.   Mother Teresa Women University, Kodaikanal.
59.   Manonmaniam Sundarnar University, Tirunelveli.
60.   University of Madras, Chennai.

(UTTAR PRADESH)

61.   Banaras Hindu University, Varanasi.
62.   Chaudhary Charan Singh University, Meerut.
63.   Dr. Bhim Rao Ambedkar University, Agra.
64.   Kumaun University, Nainital.
65.   Sampurnanand Sanskrit Vishwalya., Varanasi.

(WEST BENGAL)

66.   University of Calcutta, Calcutta.
67.   Vidyasagar University, Midnapore.

11. CALIBER: Convention on Automation of Libraries in Education and Research Institutions

In order to provide a forum for librarians to come together and discuss the issues and problems in automation and networking, the Centre holds a national annual convention at different places every year. These conventions address the current trends in information technology applications. Till today nine national conventions have been held at different places, first convention being held at Ahmedabad in 1994. This is an annual event held in different parts of the country in collaboration with a university in that region. This provides a unique forum for library professionals, information providers and users involved in automation and networking of libraries to come together and interact on the subjects of mutual interest. More than 300 professionals, on average, participated in each of these conventions.

The ninth Convention on Automation of Libraries in Education and Research Institutes (**CALIBER**) was inaugurated on Feb 14, 2002 by Shri Subash Mahariya, the Minister of State for Rural Development, Govt., of India at the HCM Rajasthan Institute of Public Administration, Jaipur, Rajasthan. Two hundred and sixty two library and information professionals from all over the country attended the event, sponsored jointly by the Information and Library Network (INFLIBNET) Centre, Rajasthan University and the Directorate of College Education, Govt. of Rajasthan.

The Convention started off on Feb 14, 2002 with Saraswati Vandana rendered by the students of the Department of Music, University of Rajasthan, followed by an introduction to INFLIBNET and CALIBER by its Director Dr T.A.V. Murthy. This was followed by an inspiring Presidential address by the Vice-Chancellor Prof K.L.Kamal, who called upon the librarians to contribute their mite in the task of transforming educational scene in the country. He also released the conference volume. The Minister of the state made an appeal to the librarians to reach out to rural areas. He also announced a package for the upliftment of rural libraries. Shri Saksena, Joint Director of College Education, Govt., of Rajasthan released the Souvenir. Prof Shabir Hussain, Dept. of Library and Information Science, Aligarh Muslim University, a senior professional, underlined how the absence of librarians in the top positions in university libraries was coming in the way of achieving the envisaged goals of INFLIBNET in modernizing the libraries. Prof Ashwini Kumar, Director, Rajasthan University Library and Organizing Secretary of CALIBER-2002 welcomed the delegates and proposed the vote of thanks.

On this occasion a very comprehensive and a thought provoking lecture on "Digital Library Technology" was delivered by Padmashree Awardee Prof N. Balakrishnan of the Indian Institute of Science, Bangalore, giving a panoramic view of the Knowledge Management of the future. The inaugural function came to close with an invigorating folk music and dance performance by the artists of Rajasthan Culture Department with assistance from Prof. Maya Tank.

The deliberations of the Convention were spread over two days, Feb 15 and Feb 16, 2002 in four sessions devoted to themes of 'Internet Based Library Management', 'Content Management', 'Internet in the changing education scenario', 'e-publishing and e-documentary sources' respectively. Each session had invited theme papers by an experienced librarian, having specialized expertise in the field. Out of the 100 papers including 50 in abstract form, which were included in the conference volume, around 50 papers were actually presented by the authors there of, some of which invited detailed discussion by the participants.

Dr. A R Sethi acted as the Rapporteur General and Smt. Lucy Bendang acted as the Associate Rapporteur General. The different sessions were chaired and reported by the following:

Chairperson	Rapporteur
Dr. S R Ganpule	Shri. M L N Chary
Shri. P C Shah	Prof. (Smt.) Aloka B
Dr. (Smt.) Dorothy Isaac	Dr. Pavan K Gupta
Dr. (Smt.) N Deshpande	Dr. K C Dabas
Prof. B. S Garg	Dr.(Ms). S Ghosh
Dr. Ramaraj Urs	Shri K Prakash

There were two presentations of information products made by the teams of Informatics India, Pvt. Limited, Bangalore and IBM, on Feb 15 and Feb16 respectively.

Prof K. L. Kamal, Vice-Chancellor of Rajasthan University was the chief guest for the concluding session and delivered the valedictory address. Dr Abhijit Lahiri (NISSAT), Dr H K Kaul (DELNET) and Dr T A V Murthy also spoke in the concluding session. Dr. A R Sethi, the Rapporteur General proposed the recommendations of the conference.

The following recommendations emerged out of the papers and the deliberations:

Recommendations for the librarians

1. With a view to bring all the universities into the mainstream of automation, this Convention calls upon the librarians to:

    ➤   Frame time bound programme for database creation, latest by 2005.

    ➤   Acquire and access material in electronic form, particularly the reference sources available in public domain.

    ➤   To acquire necessary skills to exploit increasingly the potential offered by Internet access.

2. Considering the rapid development in the field of Information technology, which has influenced libraries and library services, this Convention implores the Departments of Library and Information Science in the country to upgrade the curriculum on the lines suggested by the UGC

3. The Convention calls upon the librarians engaged in content creation to evolve effective security systems for data protection, especially of indigenous origin.

4. With a view to conserve the already scarce resources, the Convention advises librarians to resort to consortia approach wherever feasible.

Recommendations for INFLIBNET

1. Considering that the SOUL as developed by INFLIBNET meets more or less all the requirements of the library management, the Convention recommends that INFLIBNET should ensure:

    ➤   marketing of the SOUL in an aggressive manner all over the country;

    ➤   provide a mechanism for support service;

    ➤   institute diversified training facilities through Regional Centers, to be set up for the purpose

    ➤   upgrade SOUL by incorporating the suggestions received from its users and provide more features in it;

    ➤   incorporate the provision for creating databases of material in regional languages

2. Considering the need to bring college libraries located in rural areas at par with their counterparts in urban areas, this Convention recommends that special attention needs to be paid by providing them necessary infrastructure, and training facilities.

3. Taking note of the fact that, only about 50% of the university libraries in the country, have been covered under the INFLIBNET Programme, this Convention emphasizes the need to take rest of them under its ambit.

4. Since many agencies, such as NISSAT, NAAC, NASSDOC, DELNET are involved in creating Databases of Experts, this Convention recommends to INFLIBNET to coordinate these efforts to avoid duplication.

5. Since the document delivery service expected from the Document Delivery Centres, is not widely known in the academic circles due to lack of publicity and support, the Convention calls upon the INFLIBNET to give wide publicity to this service and provide backup grants for the purpose, and increase the number of Document Delivery Centres.

6. The Convention recommends the establishment of INFLIBNET Regional Centers in different parts of the country for the purpose of helping the libraries in the region in computerization and creation of specialized databases, and for manpower development.

7. Considering that printed sources of information, periodicals in particular, are the mainstay for study and research, the Convention recommends that the INFLIBNET identify Resource Centres for supplementing their collection.

8. This Convention recommends to INFLIBNET to sponsor series of lectures on specialized topics of the day, e.g. Intellectual Property Rights, Knowledge Management, and on other developments related to library and information services.

9. Promote training Programmes specially targeted at the use of Internet.

Recommendations for the UGC

1. Considering the fact that majority of university libraries have vacant positions of university librarians, which is hampering their growth as well as the pace of modernization of libraries, this Convention calls upon the UGC to ensure that the top posts in the university libraries are filled up by March, 2003 positively, which is the time limit set by the NAAC for accreditation.

2. Taking into account the ageing of infrastructure provided to some of the university libraries more than half-a-decade back, this Convention calls upon UGC to provide such libraries necessary funds to replace obsolete equipment.

3. The Convention implores the UGC to be prompt and regular in the release of non- recurring and recurring grants.

4. Taking note of the fact that adequate bandwidth for surfing Internet is a problem in many parts of the country, the Convention recommends that the emerging UGC Net is provided with sufficient bandwidth for accessing enormous data which is available and will be generated as more and more libraries come under the purview of the Network.

12. MARC - 21 Implementation at INFLIBNET

A committee was set up by Director, INFLIBNET to look into the implementation part of MARC-21 under the chairmanship of Smt. Sunita Murthy, Library of Congress, New Delhi. Committee consists of Dr. N G Satish, Administrative Staff College of India, Dr. B Ramesh Babu, Reader, University of Madras, Sh. Premchand, Sh. Yatrik Patel and Sh. Rajesh Chandrakar (Convenor) of INFLIBNET. The first meeting of the MARC 21 Core Group for identification and format preparation was held at INFLIBNET Centre on 24th September, 2001. After the brief report on SOUL modules, discussion took place for identifying and finalising MARC 21 fields for Books, Theses and Serials for incorporation into SOUL software. The discussion took place also on the use of name and subject authority files. It was decided to use the Library of Congress Name and Subject Authority files and create new authority files, only when it is required. The need for manuscript database creation by using the MARC21 standards was highlighted and the fields for the same were also finalised during the meeting.

The core-group discussed the use of Unicode for multilingual database creation and felt that the name and subject authorities could be developed on a pilot basis for one of the Indian languages and Hindi was selected appropriate at beginning level. Members also felt that printed guidelines should be prepared for the implementation of MARC21 at university level.

13. Status of two Projects

INFLIBNET has initiated following two new major projects during this period and is likely to continue in the next FY.

1. Retrospective Conversion of collection of five major libraries.

2. Document Delivery Service

These two project proposals were actually approved in 1998. Due to non-availability of sufficient grants, implementation got delayed by one year. These have been initiated to make an optimum use of existing resources and promote resource sharing among member libraries.

a. Retrospective Conversion of collection of five major libraries (Recon)

To avoid duplication in creation of databases, five major libraries were identified and given a project to complete in two years. This will bring in substantial savings, as the same data will be used for retro-conversion of other libraries. Under the Recon project following five libraries will create good quality records of their entire holdings as per the standards recommended by INFLIBNET and contribute such records to union databases created at INFLIBNET in two years time.

1. Banaras Hindu University, Varanasi

2. Indian Institute of Science, Bangalore

3. Jawaharlal Nehru University, New Delhi

4. University of Madras, Chennai

5. University of Mumbai, Mumbai

Status of Retrospective Conversion of 5 Libraries (March 2002)

Name of University	Remarks
Banaras Hindu University, Varanasi	40,000 Input sheets prepared, 18000 records entered, using SOUL. The progress is very slow due to non utilization of grants before March, 2001. Has asked for extension of utilization of remaining amount. Need to speed up the work.
Indian Institute of Science, Bangalore	Not much has been done under the project. But the university has more than 1.5 lakhs of records in machine readable format using LIBSYS. Though this university has created records in machine readable form, they were created before the project was started. These records do not contain complete information and were suggested to use SOUL or update the records with complete details using the same package they are using. The response is very poor from this institution, which may be reviewed for further necessary steps.
Jawaharlal Nehru University, New Delhi	Around 60000 records are created and updated with subject headings. Used LIBSYS to create records. This university had started creation of records other than the subjects assigned. Later the record creation was continued in the subjects assigned. The problem with this university records is that, the records created and updated with subject headings are clubbed along with other data and separation of this data is required with the help of their software vendor. However they are asked to create separate database for new set of records after receiving the second installment of grants. The data entry cost per record fixed is not sufficient looking at the work involved in the data capturing which needs to be enhanced.
University of Madras	Created quality records. The number of records created in the first installment grant is 51,317 and were sent to INFLIBNET, using SOUL software. This university has shown keen interest in Retro-conversion work. As the university could utilize the grants in July 2001, asked for second installment grant to continue their work.
University of Mumbai	Created quality records. The number of records created has reached more than 50000. Followed INFLIBNET guidelines using SOUL for database creation. This university has potentiality to complete the task of converting the records. However the progress made by them is comparatively slow. They have been advised to hire more people to accomplish the work as early as possible.

b. Document Delivery Service

To provide full text of serial articles available from the collection of university libraries, INFLIBNET Centre has setup six Document Delivery Centres. These libraries are also provided with funds to serve as Document Delivery Centres. This service is provided at cost and promotes resources sharing. Under the Document Delivery Service Project, following six universities, who have fairly large collection of serials, have been selected to serve as Document Delivery Centres:

1. Banaras Hindu University, Varanasi
2. Indian Institute of Science, Bangalore
3. Jawaharlal Nehru University,New Delhi
4. Panjab University , Chandigarh
5. Tata Institute of Social Sciences, Mumbai
6. University of Hyderabad, Hyderabad

Status of Six Document Delivery Service Centres

Name of University	Remarks
Banaras Hindu University, Varanasi	Purchased the equipment under the project viz. Magi color laser printer, scanner, Aerial software. Though the document delivery service was announced through INFLIBNET newsletter and other modes, the university has not received many queries. This is due to lack of awareness or interest among the academicians. Once the users are aware of the service, they will start using the service effectively. Proposed to send posters to university departments.
Indian Institute of Science, Bangalore	Not much is heard from this university in this regard. Though this university is processing the document requests as and when submitted, but against only advance payment. However it was made clear in the beginning that, universities may be allowed to pay on a quarterly basis for supply of photocopies. The university has not utilized the money fully as it has only spent Rs. 25,201/- against the total sanction of Rs. 535,000/- for both Retrocon and DDS.
Jawaharlal Nehru University, New Delhi	Purchased the equipment under the project viz Magi color laser printer, scanner, Aerial software. This university is processing the queries as and when the requests are received. The service has not taken the required momentum. INFLIBNET through its newsletter has sent out details again to make the service popular.

Panjab University, Chandigarh	Purchased the equipment under the project viz Magi color laser printer, scanner, Aerial software. This university has taken active initiative in providing the document delivery service. The services could not be very popular for the period due to lack of publicity and awareness among the users even after sending details to all the universities and publication through INFLIBNET Newsletter.
University of Hyderabad	Purchased the equipment under the project viz Magi color laser printer, scanner, Aerial software. This university has processed around 25 queries under the project. The services need to be made more popular for the effective use of the project.
Tata Institute of Social Science, Mumbai	Purchased the equipment under the project viz Magi color laser printer, scanner, Aerial software. Sent the utilization. This university has also taken active initiative in the project of document delivery service and utilized the grants. A number of request have been processed and TISS is taking active interest in the project.

14. NISSAT-INFLIBNET Project

"Developing and Managing a Web Enabled Database of Experts - Manpower Module in Science and Technology"

INFLIBNET has taken up a project on "Developing and Managing a Web Enabled Database of Experts - Manpower Module in Science and Technology" to create database of Experts in the area of Science & Technology of India. This is two years project funded by National Information System for Science and Technology (NISSAT), Department of Scientific and Industrial Research (DSIR), New Delhi. Under this project, INFLIBNET Centre has a mandate to compile and organize brief profiles of senior scientists, professors, readers and technologists working in the national laboratories, S & T department of central and state governments, institutions of national importance, universities and other R & D organizations. The database would be made available in the form of **EDST (Experts Database in Science & Technology)**, which can be accessed from Vigyan server, Indian Institute of Science, Bangalore.

Status of the project

During the first year of the project, INFLIBNET has made remarkable progress and collected around twenty one thousand profiles from various institutions. In the first phase, INFLIBNET has spent most of the time in data collection.

Implementation

For the development of database and tools, initially CDS/ ISIS was used. Later on new tools based on three-tier architecture were developed. The database access and modification can be done using a web based client where the user is provided with a facility to register and create his/her own entry and subsequently modify his record. Bulk database can be entered and/or modified using a front end developed in Visual Basic, which provides the capabilities of registering, modifying the record, search based on specific criteria such as name, organization, specialization etc., status of database (like no. of experts entered, no. of

organization entered etc.), report generation, import/export database (from SQL to CDS/ISIS and vice versa), update master records and validation of the online entered records.

Web enabling

To enable the data on the web, INFLIBNET has developed sample web page which can be accessed from <http://nissat.inflibnet.ac.in>. It has been designed to publish and host the data on INTERNET. Sample web page of the database is given in figure below.

15. Governing Board Meeting

The 10th meeting of the Governing Board of the centre was held at UGC H.Q, New Delhi on 19th February, 2002. It was chaired by Dr. Hari Gautam, Chairman, UGC. Minutes of the 9th G.B. Meeting were confirmed. The members were briefed about actions taken by the centre on the items generated in the last GB meeting. Director presented the status report in respect of the centre. He also tabled a vision document. The Chairman invited comments from the members on this document within 15 days.

Proceedings of the 7th meeting of the Finance Committee and it's recommendations were studied by the GB. It approved non-plan grant of Rs.170 lakhs and plan grant of Rs.50 lakhs for R.E. 2001-2002. It also approved non-plan grant of Rs.200 lakhs and plan grant of Rs.70 lakhs for B.E. 2002-2003 as recommended by the FC.

The Director expressed difficulties encountered by the centre in installing SOUL and providing after sales service to a large number of academic institutions spread all over the country with limited man power available at the centre. He suggested franchising this activity. GB advised to bring a detailed proposal containing terms and conditions, finances involved, etc.

Director told that the centre would like to co-ordinate with reputed International publishers of journals for electronic subscription in consortia mode. The GB welcoming this suggestion suggested to start a pilot project and approved Rs.20 lakhs for the same. Director indicated that INFLIBNET would like to offer fellowships in the Inter-disciplinary library information sciences at the centre. Members suggested to induct 6 JRFs of the UGC for this purpose. GB also approved Rs.50 lakhs for starting the activity of creation of Indian databases. GB advised the centre to take suitable steps to make the 6 DDCs more effective. GB ruled out any increase in data entry charges for the libraries in the Retro conversion project.

GB approved appointment of M/s. T. N. Shah & Co. as the auditors for F.Y. 2001-2002. The auditor accounts of the centre for F.Y. 2000-2001 were placed before the GB. After detailed discussion, GB approved the account of the centre for F.Y. 2000-2001.

The Meeting then terminated with a vote of thanks to the Chair.

16. Awards and Honors to INFLIBNET Staff

Dr. T S Kumbar received Fulbright Fellowship in Information Science & Technology and named as Visiting Scholar in the OCLC Office of Research, U S A

Dr. T S Kumbar, Scientist-D was named as OCLC Visiting Scholar for a six-month term beginning in August, 2001. He was chosen to receive Fulbright Fellowship in Information Science and Technology, which supports his research in the United States. The visiting scholar programme of the OCLC Office of Research aims to bring experienced scientists, educators and administers to OCLC. Dr. Kumbar, during his tenure studied the OCLC cooperative and identified how Indian libraries can successfully participate in the global library cooperative for the benefit of scholars and academia in India-and abroad. Dr. Kumbar is working with INFLIBNET Centre since December 1997.

Shri J K Vijayakumar selected as IFLA/OCLC Early Career Development Fellow 2002

In August 2001, International Federation of Library Associations and Institutions (IFLA) and Online Computer Library Centre (OCLC) selected five **IFLA/OCLC Early Career Development Fellows** for 2002 including Shri J K Vijayakumar, Scientific & Technical Officer, INFLIBNET from India. OCLC and IFLA established this fellowship to support library and information science professionals who are in early stages of their career development and from countries with developing economies. Under this programme Shri Vijayakumar will participate in a specially designed four-week programme in the United States during April 29-May, 24, 2002, based at the OCLC Institute in Dublin, Ohio. He is working with INFLIBNET Centre since November 1998.

17. Conference and Seminars Attended by Staff

➢ Dr T A V Murthy attended by invitation the 20th Annual OCLC International Conference of Research Library Directors, held on March 4 - 7, 2002 at OCLC in Dublin, Ohio, U.S.A. He also participated in an OCLC Institute workshop, Building the Global Digital Library: Access, Transform, Create, Integrate. During the conference, he also took part in a discussion with conference participants from Asia and the Pacific region to share information of the region.

➢ **Dr. T A V Murthy** participated in the 4th International Conference of Asian Digital Libraries, 2001 held at Bangalore, India on 10th - 12th December, 2001 and chaired a session.

➢ **Dr. T A V Murthy**, was invited for presenting a paper on "Role INFLIBNET in Modernization and Networking of Libraries in India" during the Meeting conducted by Ministry of Culture at New Delhi. (Co-author V S Cholin, Scientist-B, INFLIBNET)

➢ **Mr. H G Hosamani** Participated in the First South Indian Library Association conference held at Hyderabad during October 17-19, 2001 and presented paper on "Role of INFLIBNET in Computerization and Networking of Libraries" (Co-author - V S Cholin, Scientist-B, INFLIBNET)

➢ **Sh. S K Sharma** attended National Seminar on E-learning Technologies(ELELTECH-INDIA 2001) held at C-DAC, Hyderabad during 7 - 8 August 2001and also visited Banaras Hindu University for SOUL Installation during 20 - 24 August, 2001.

➢ **Shri J. K. Vijayakumar** participated in 4th International Conference of Asian Digital Libraries, 2001 held at Bangalore, India on 10th - 12th December, 2001 and presented a paper on Need of a digital library for Indian Theses and dissertations: A model on par with the ETD initiatives at international level co-authored by Dr. T A V Murthy.

➢ **Sh. N Muralidhara** attended a seminar on "Internet Resources and Librarianship" which was organised by Asian Society for Social Services, Information Science & Technology (ASSIST)" from 12-14, August, 2001 at Bangalore.

➢ **Sh. Umesha** attended the 23rd IASLIC conference held from 4 - 7 December, 2001 at University of Kerala, Trivandram and presented a paper on "Web Content management System."

18. Publications by Staff (01.04.2001 to 31.03.2002)

1. PREMCHAND and KUSHWAH, Shivpal Singh. Standards for Libraries and Information Communities: An Overview. Surendra Singh and Sonal Singh; ed. *Library, Information Science and Society. Essays in the memory of late Dr A Tejomurthy*. New Delhi: Ess Ess Publications, 2002.

INFLIBNET Centre, An IUC of University Grants Commission, Ahmedabad - 380 009

2. CHOLIN, V S and KARISIDDAPPA, C R. Library consortium: A survival Tool Kit for Academic Libraries in India in the E-publishing Era. *Proceedings of CALIBER- 2002,Jaipur, February 14-16 2002*, Ahmedabad: INFLIBNET Centre. p.362- 374.

3. DUBE Sonia, PREM CHAND, OZA Niyati and KUSHWAH Shivpal Singh. Content Management of Web enables experts database in the filed of Science and Technology. *Proceedings of CALIBER-2002,Jaipur, February 14-16 2002*, Ahmedabad: INFLIBNET Centre. p. 2001- 2008.

4. HOSAMANI, H G and RABARI, Lagdhir. Guidelines for selecting E-Journal titles. *Proceedings of CALIBER- 2002,Jaipur, February 14-16 2002*, Ahmedabad: INFLIBNET Centre. p.400-408.

5. HOSAMANI, H G and CHOLIN, V S. Role of INFLIBNET in computerization and Networking of Libraries. *Proceedings of First South Indian Library Association Conference, Hyderabad, October 17-19, 2001.*

6. PATEL, Yatrik and MURTHY, T A V. UGC-NET: A Network for Indian universities *Proceedings of national seminar organized by ADINET, INFLIBNET and AMA, Ahmedabad,August 2001*, Ahmedabad: ADINET.

7. PATEL, Yatrik. INFLIBNET Service, activities and future plans, *Proceedings of IATLIS XV III National Seminar, Vishakhapattanam, 12 October 2001.*

8. SHARMA, S K. WLAN: Access to digital Libraries without wires. *Proceedings of CALIBER-2002,Jaipur, February 14-16 2002*, Ahmedabad: INFLIBNET Centre. p139-146.

9. PANWAR, Suresh and MURTHY, T A V. Establishment of E-learning cells inside Educational and Research Institutions. *Proceedings of CALIBER- 2002,Jaipur, February 14-16 2002*, Ahmedabad: INFLIBNET Centre. p.423 [Abstract only].

10. CHANDRAKAR, Rajesh. Conversion of Bibliographic Data from CCF to UNIMARC and MARC-21 Format. *House magazine of Ranganathan Centre for Information Studies, Chennai,* 7 (3-4), July-October, 2001. p.167-178.

11. CHANDRAKAR, Rajesh and PATEL, Yatrik. Library Member code System in Software for University Library (SOUL) Circulation Module, *INFLIBNET Newsletter,* 8(1), January - March 2002, p. 14-18.

12. PRAKASH, K and CHANDRAKAR, Rajesh. Databases, types and its role in information dissemination. Surendra Singh and Sonal Singh; ed. *Library, Information Science and Society. Essays in the memory of late Dr A Tejomurthy.* New Delhi: Ess Ess Publications, 2002: 259-270.

13. KUSHWAH, Shivpal Singh and JAMBEKAR, Ashok. Content distribution/reproduction management under the provision of Indian copy right Act, *Proceedings of XXIII IASLIC Conference, Thiruvananthapuram, December 2001.*

14. KUSHWAH, Shivpal Singh and JAMBEKAR, Ashok. E Journals acquisition and management challenges for Indian University Libraries, *Proceedings of National Conference on Information Management in E -Libraries, Kharagpur, February 26-27, 2002.*

15. KUSHWAH, Shivpal Singh and VIJAYAKUMAR, JK. Content creation and E-learning in Indian Languages: a model. In *the proceedings of National Seminar on E-Learning & E-Learning Technologies (ELELTECH INDIA-2001), Hyderabad, India. 7-8 August 2001.* Hyderabad: C-DAC, 2001: 51-54.

16. VIJAYAKUMAR, JK and VIJAYAKUMAR, Manju. Realizing the Digital libraries: assumptions and challenges underlying it. Surendra Singh and Sonal Singh; ed. *Library, Information Science and Society. Essays in the memory of late Dr A Tejomurthy.* New Delhi: Ess Ess Publications, 2002: 365-373.

17. VIJAYAKUMAR, JK and MURTHY, TAV. Need of a Digital Library for Indian Theses and Dissertations: a model on par with the ETD initiatives at International Level. *Proceedings of the 4th*

International Conference of Asian Digital Libraries (ICADL-2001), Bangalore, India. 10-12 December 2001: 384-390.

18.   MURALIDHARA, N. Criteria for evaluating information on the Internet: A personal perspective, *Proceedings CALIBER- 2002, Jaipur, February 14-16 2002*. Ahmedabad, INFLIBNET Centre, p.226- 236.

19. UMESHA. Web Content Management System, *Proceedings of XXIII IASLIC Conference, Thiruvananthapuram, December 2001.*

19. Staff Visits

Dr. T S Kumbar visited Bharati Vidyapith and Tilak Maharshtra university, covered under INFLIBNET Programme to deliver few lectures at the institutes and also discuss the various issues in Automation and Networking under INFLIBNET Programme. He also attended the library automation committee meeting and suggested the hardware and software to be acquired under the programme.

Sh. V S Cholin was invited to deliver two lectures on 25 July and 1 August, 2001 for the participants of the workshop at S V Regional Engineering College, Surat. He also visited South Gujarat University to see the implementation of INFLIBNET Programme during this visit. A demo was also arranged of SOUL at Sarvajanik Engineering College, Surat and authorities were impressed by the features of the software and showed interest to purchase it for their six Centres. Sh. V S Cholin was also invited by Department of Library & Information Science, University of Mumbai for delivering lectures on 9 October, 2001 in the UGC Refresher Course conducted by them.

Five university libraries are provided with funds under the Recon project to convert the library catalogue into machine readable form. These libraries were further assigned different subjects and were expected to convert the records in the first six months as per the guidelines provided by INFLIBNET. To submit the progress report based on the work for first six, months before the release of further grants, Mr. V S Cholin, Scientist-B, INFLIBNET visited Indian Institute of Science, Bangalore, and University of Mumbai during 26th - 30th March, 2001 and Jawaharlal Nehru University during April, 9-11 to have the status of Recon work in these libraries. The progress report was collected and discussed with the authorities for further course of action on the Recon work at these libraries. It was observed that there was a need to speed up the work. Discussions were held with concerned persons for the further course of action to overcome difficulties faced by them. Mr Cholin also visited Bangalore University during one of these days, to know the progress being made by this library in Automation. During his visit of JNU, Mr. V S Cholin also visited the Jamia Hamdard University, Kurukshetra University, Seth Jaiprakash Mukhand Lal Institute of Technology, Radur, Haryana and demonstrated operation of SOUL. Also necessary guidelines were given for proper implementation of INFLIBNET Programme.

Sh. K. Prakash visited Regional Engineering College, Kurukshetra and demonstrated SOUL software on 23 March, 2002. He also visited Kuvempu University, Shimoga on 27 August, 2001 and discussed the issues related to Library automation, database development activities in respect of Books, Serials, Theses and the language database creation with authorities.

Sh. Asif S A visited C-DAC, Pune on 13 August, 2001 for discussing the problems of multilingual applications and IUCAA Library, Pune.

Sh. Suresh Panwar, visited Indian Institute of Technology, Kanpur to explore the e-learning implementation. He has widely discussed the related issues on e-learning with Dr. Y N Singh and other members of the group. This visit was highly useful from the point of view of setting up a cell / e-learning Lab for necessary developments for academic and research community.

Sh. Rajesh Chandrakar visited C-DAC, Pune for discussions related to multi-lingual solutions and

IUCCA Library. He also visited IIPS, Mumbai and Vidyasagar University, Midnapore for SOUL Installation and Training during 16-24 August 2001 and 1-4 November 2001 respectively. He also visited University of Mumbai and Abacus computers for technical discussions. He attended NIC-DELNET Training programme on Application of IT in the management of LIS during 15-20 October 2001 and visited DELNET and had discussion with its Director and staff.

Sh. Shivpal Singh Kushwah visited Jiwaji University, Gwalior during 20-25 August, 2001 and Indira Kala Sangit Vishwavidyalay, Khairagarh during 27-28, August, 2001 for installation of SOUL updated version. He was invited to deliver lectures in the UGC Refresher Course at Academic Staff College, Dr. Hari Singh Gaur University, Sagar from 6-7 September, 2001 on the topics INFLIBNET Activities, its role in library automaton and Library Automation using SOUL software.

Sh. J K Vijayakumar visited Bangalore University and installed SOUL at three affiliated colleges viz, City Campus College, University Engineering College and University Law College and demonstrated SOUL to M L I Sc students of Bangalore University. He also visited NASSDOC, New Delhi on 1st February, 2002 and demonstrated SOUL software at the National Workshop of Librarians from various Social Science institutions. He also demonstrated SOUL at Workshop on "Library Interconnectivity within ICAR/SAU's" held at Indian Agricultural Statistics Research Institute at IARI, Pusa Campus, New Delhi on 31st January 2002.

Sh. N Muralidhara visited MJ College of Engineering and Technology, Hyderabad during 8-13 September 2001 and Vidyasagar University, Midnapore during 1-4 November 2001 for SOUL Installation and training.

20. Visitor to The Centre

Dr. Andrew Wang, Executive Director and Ms. Shu-En Tsai, Manager, Asia Pacific Services, OCLC, Dublin, Ohio, USA visited INFLIBNET Centre on March 14, 2002. Purpose of the visit was to explore the possibilities of establishing mutual collaboration between two organizations. This visit was in continuation to the discussions that Dr. T S Kumbar had with key officials during his six months Fulbright Fellowship at OCLC and Dr. T A V Murthy, Director, INFLIBNET's recent visit to OCLC and wide ranging discussions he had with senior officials at OCLC.

Visiting dignitaries were impressed with the work being carried out by INFLIBNET and expressed their keen interest to work with INFLIBNET in future in several areas of common interest.

List of visitors to the Centre during the period

1. Prof. Jayant Narlikar, Director, IUCAA, Pune visited the centre
2. Prof. S K Kak Professor, BHU & GB Member of INFLIBNET
3. Prof Haravu, Rtd. Manager, ICRISAT, Hyderabad
4. Shri Saheb Singh Verma, Ex-CM of Delhi
5. Prof. Yash Pal, National Research Professor
6. Prof. Shalini Urs, Professor, Deptt. Of Library & Information Science, University of Mysore, Mysore
7. Prof. N. Lakshman Rao, Head, Library & Inf. Science, Osmania University, Hyderabad
8. Dr. S. Sethi, IAS, Govt. of Rajasthan, Jaipur
9. Prof. Jitendra Desai, V. C., Gujarat Vidyapeeth, Ahmedabad
10. Dr. Kartikey Sarabhai, Director, Centre for Environment Education, Ahmedabad
11. Prof. Vidyuth Joshi, Former V. C., Bhavnagar University

12. Dr. Andrew Wang, Director, OCLC, Dublin, USA

13. Dr. Sreedevi Ravindran, Director, NISSAT, DST, New Delhi

14. Mrs. Sunita Murthy, Library of Congress, New Delhi

15. Ms. Sangeeta Kaul, DELNET, New Delhi

16. Dr. K. G. Tyagi, Director, NASSDOC (ICSSR), New Delhi

17. Dr. N. Vijayaditya, Acting DG, NIC, New Delhi

18. Dr. H. K. Kaul, Director, DELNET, New Delhi

21. Visits Abroad by Staff

Dr. T S Kumbar visited OCLC Office of Research, USA as Fulbright Scholar during 2001-2002

Dr. T S Kumbar, Scientist-D, working with INFLIBNET has been named OCLC Visiting Scholar for a six-month term beginning in August, 2001. He was chosen to receive Fulbright Fellowship in Information Science and Technology, which support his research in the United States. The visiting scholar programma is sponsored by the OCLC Office of Research to bring experienced scientists, educators and administers to OCLC. Dr. Kumbar, during his tenure under took the study the OCLC cooperative and identified core areas for Indian libraries participating in the global library cooperative for the benefit of scholars and academia in India and abroad.

Dr. T A V Murthy Visited OCLC, USA

Dr. T A V Murthy, Director INFLIBNET participated in **the 20th Annual OCLC International Conference of Research Library Directors** organized by OCLC during March 3-7, 2002 at Dublin, Ohio, USA. He had the privilege to give a total scenario about Indian library automation picture, UGC and INFLIBNET. This drew the attention of all the delegates and was received with great inquisitiveness and there was appreciation of the gigantic task undertaken by INFLIBNET. Dr. Murthy also had discussions with different Group-heads of OCLC and spent considerable time in interacting with various activities like Research, Marketing, Computerization looked after by them in OCLC and also briefed them about our future plans and the directions in which we are moving in INFLIBNET. On the whole, the trip was very rewarding and highly beneficial to INFLIBNET and OCLC in establishing collaborative ventures especially in the area of Consortia, Digital Archiving, Electronic transfer of Databases and e-learning.

22. Celebration of INDEPENDENCE DAY and REPUBLIC DAY at Centre

The Centre celebrated 55th Independence day on 15th August, 2001 at the Centre. Dr. T. A. V. Murthy, Director, hosted the national flag on this occasion. The ceremony was attended by the employees of the INFLIBNET Centre, their families and children and some of the Professors and other staff members of the Gujarat University and their children residing in the campus of the Centre. On this occasion, Dr. Murthy briefed the audience about the newer initiatives and plans conceived for strengthening activities of the Centre and give a boost to its image.

REPUBLIC DAY

A function to celebrate the Republic Day on 26th January, 2002 was organized in the Centre. Shri S.M. Salgar, senior most Scientist hosted the national flag on this occasion. The INFLIBNET staff and some invitees participated in the flag hosting ceremony.

INFLIBNET Centre, An IUC of University Grants Commission, Ahmedabad - 380 009

23. INFLIBNET's Sports & Recreation Activities

In order to maintain operating fitness and good health of the employees, the Centre has been always encouraging promotion of sporting and recreational activities. It was in this context that the Centre organized a Badminton tournament during the month of October, 2001. The participation in this event was encouraging and the event rejuvenated the spirit of the employees. On the concluding day of the event, prizes were distributed by our Director, Dr. T A V Murthy to the winners.

24. 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 computerised all its activities by using SOUL software (Software for University Libraries) developed by INFLIBNET Centre and also provides OPAC facilities to the users in the centre. The Library has rich collection in the fields of Library & Information Science and Computer Science. Library took major initiative to provide information services to Library professionals in India.

Significant statistical data as well as important activities of the Library relating to the period from April, 1998 to March, 2000 are as follows :

Collection

Library has unique collection of over 2000 volumes in field of Library & Information Science and Computer Science, comprising Monographs, Reference Works, Periodical Back Volumes and Reports. The library is subscribing to over 80 current periodicals both national and international. Library has good number of CD-ROM databases. They are used for promoting information services to end users at national level.

Collections during the IX Plan period

ITEMS	Till 2001	Added during 2001- 2002
BOOKS	937	51
JOURNALS/MAGAZINES/NEWSPAPERS	81	03
BACK VOLUMES	80	80
CD-ROM DATABASES	16	16

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

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

Hardware

➤ Pentium III, 128 RAM, 8GB Hard disk for Server (Windows NT)
➤ Pentium III, 128 RAM, 8GB Hard disk for Client (Windows 95)
➤ CTDD Barcode Scanner (Scan team 3000) with SOUL compatibility
➤ HP Deskjet 670c Printer
➤ Multi Media kit

Software

➤ SOUL (Software for University Libraries developed by INFLIBNET Centre)
➤ Windows NT Operating System and MS-SQL Server 6.5 (for Server)
➤ Windows 95 Operating System (for Client)

Books and Serials data has been converted in to the machine readable format by using CDS/ISIS software with CCF standard. The same data have been transferred in to SOUL Software.

The Library has fully automated it's house keeping operations and library database is accessible through INFLIBNET WEBSITE. Databases consist of books , back volumes of periodicals, current journals and selected journal articles. Database can be accessed through LAN. Library has e-mail and INTERNET facilities. Query can be answered through email only.

Institutional Membership

The library has enrolled as institutional member with ASLIB, American Library Association (ALA), IFLA, IASLIC, American Resource Centre, British Council Library- Ahmedabad and ADINET.

---

25. Annual Accounts of INFLIBNET and Auditors Report

Receipt & Payment for the year 2001-2002

Account Head	Receipt	Payment
1. Cash on Hand (Opening Balance)	0.00	10000.00
2. Bank Balance (Opening Balance) S.B.I. Gujarat University Br.	0.00	502922.00
3. Cash on Hand (Closing Balance)	10000.00	0.00
4. Bank Balance (Closing Balance) S.B.I. Gujarat University Br.	796567.00	0.00
5. General Advance	957500.00	621500.00
6. Festival Advance	13500.00	12000.00
7. House Building Advance	150000.00	46785.00
8. Scooter Loan Advance	51000.00	81885.00
9. Car Loan Advance	0.00	14740.00
10. Sundry Deposits	60000.00	29970.00
11. Franking Machine Advance	205000.00	191053.00
12. Scientific Equipment	574753.00	0.00
13. Office Equipment	76856.00	0.00
14. Computer	4124143.00	0.00
15. Computer Software	1265450.00	0.00
16. Database A/c.	83313.00	128262.00

INFLIBNET Centre, An IUC of University Grants Commission, Ahmedabad - 380 009

No.	Particulars		
17.	Furniture & Fixture	459311.00	0.00
18.	Library/Journals/Books	52013.00	0.00
19.	Stock	130197.00	67679.00
20.	Pre-Paid Expenses	0.00	19635.00
21.	Investment A/c.	17509830.00	0.00
22.	TDR with L.C.	6159703.00	0.00
23.	Canteen Account C/o. M.S. Negi	81801.00	81801.00
24.	U.G.C Grants Receivable	0.00	4000000.00
25.	Outstanding Expenses	337802.00	0.00
26.	Security Deposits	0.00	1500.00
27.	Earnest Money Deposit	600.00	250.00
28.	Professional Tax	22340.00	22340.00
29.	L.I.C. of India	153131.00	153131.00
30.	Income Tax	303407.00	303407.00
31.	INFLIBNET Centre Employees P.F. Account	715233.00	715233.00
32.	G.I.S.	14100.00	16748.00
33.	H.D.F.C. A/c.	64624.00	64624.00
34.	INFLIBNET Employees Co. Op. Credit Society Ltd.	272041.00	272041.00
35.	INFLIBNET Sports & Recreation Club	3240.00	3240.00
36.	Gruh Finance Ltd.	13032.00	13032.00
37.	Cash Contra	1735800.00	1735800.00
38.	U.G.C. Grant	0.00	18000000.00
39.	Interest	0.00	22327947.00
40.	Miscellaneous Income	0.00	13384.00
41.	Private use of Staff car	0.00	10743.00
42.	Licence Fee (H.R.D.)	0.00	35040.00
43.	Rates Taxes and Cesses	650.00	0.00
44.	Software for Universities Library (SOUL) Expenses	712326.00	1797201.00
45.	Document Delivery Services	223.00	343.00
46.	Building Maintenance	253117.00	0.00
47.	Legal & Professional Expenses	6600.00	0.00
48.	Advertisement	45814.00	0.00
49.	Bank Charges	21533.00	0.00
50.	Miscellaneous Expenses	17987.00	0.00
51.	L.C. Opening Charges	45087.00	0.00
52.	Equipment Maintenance	229836.00	0.00
53.	Electrical Maintenance	56765.00	0.00
54.	Vehicle hire charges	415406.00	0.00

55.	General repairs & maintenance	44754.00	0.00
56.	Garden Expenses	53020.00	0.00
57.	Salary (Admn.)	681644.00	0.00
58.	Dearness Allowance (Admn.)	353249.00	0.00
59.	House Rent Allowance (Admn.)	101419.00	0.00
60.	City Compensatory Allowance (Admn.)	17215.00	0.00
61	Overtime Allowance (Admn.)	13217.00	0.00
62.	Bonus	27137.00	0.00
63.	Reimbursement of Medicines	362878.00	0.00
64.	Travelling Expenses	744717.00	75228.00
65.	I.R. (Admn.)	6325.00	0.00
66.	Pension A/c.	16244.00	0.00
67.	T.A. (Admn.)	28600.00	0.00
68.	Salaries (Tech.)	1890448.00	0.00
69.	Dearness Allowance (Tech.)	863971.00	0.00
70.	House Rent Allowance (Tech.)	220806.00	0.00
71.	City Compensatory Allowance (Tech.)	45060.00	0.00
72.	P.F. Contribution (Tech.)	155408.00	0.00
73.	Overtime Allowance (Tech.)	750.00	0.00
74.	Salary Payable (Tech.)	2891096.00	2891096.00
75.	T.A. (Tech.)	107400.00	0.00
76.	Canteen Subsidies	22050.00	0.00
77.	Recruitment Expenses	67405.00	0.00
78.	Staff Welfare	6445.00	6445.00
79.	Book Binding	1716.00	0.00
80.	Conveyance Expenses	7398.00	0.00
81.	Entertainment Expenses	81643.00	0.00
82.	Electrical Expenses	13590.00	0.00
83.	Postage and Telegram Expenses	219782.00	0.00
84.	"News Letters" Publication Expenses	129584.00	0.00
85.	Stationary & Printing Expenses	184931.00	0.00
86.	Telephone & Trunk Call Expenses	439297.00	0.00
87.	Conference and Symposium Expenses	51700.00	0.00
88.	Remuneration & Wages	313429.00	0.00
89.	Security Expenses	309387.00	0.00
90.	Revenue Stamps Expenses	327.00	357.00
91.	Office Expenses	51573.00	0.00
92.	Newspapers & Periodicals	44608.00	0.00

No.	Item	Amount 1	Amount 2
93.	Rent for Director's Bungalow	134473.00	0.00
94.	Electricity Charges	545230.00	0.00
95.	Training Course Expenses	581011.00	0.00
96.	Office Rent	776250.00	0.00
97.	Service Charges for AES Hostel	356000.00	0.00
98.	Guest House Care-Taking Charges	32100.00	0.00
99.	Service charges to Director's Office cum Bungalow	8079.00	0.00
100.	CALIBER-2001	30.00	30.00
101.	Honorarium Expenses	8400.00	0.00
102.	Consumables Stores & Spares	407570.00	0.00
103.	COPSAT Service	265500.00	273700.00
104.	Institutional Members ship	112463.00	0.00
105.	Subscription for Journals	535086.00	0.00
106.	ICSSR (NASSDOC) Workshop	45000.00	45000.00
107.	G.B. Meeting Expenses.	192122.00	0.00
108.	Database Development	223464.00	0.00
109.	Networking	398690.00	0.00
110.	Publication A/c.	150775.00	0.00
111.	CALIBER-2002	539869.00	0.00
112.	Regional Training Course A/c.	376865.00	0.00
113.	SOUL (Training)	74199.00	0.00
114.	Regional Meeting Exps.	51062.00	0.00
	BALANCE	54586092.00	54586092.00

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 2001-2002 are given on the following pages.

(Rupees in Lakhs)

	1999-2000	2000-2001	2001-2002
Expenditures			
1. Capital	21.83	40.35	65.07
2. Operational/Administrative	95.11	105.52	118.45
3. Training Courses & Conference	12.15	14.46	21.80
4. Networking	9.38	0.67	3.99
5. Database Development	5.17	5.77	2.23
Grants in Aid received from UGC	220.00	220.74	180.00

AIR Librarians at INFLIBNET Training Lab during practicals.

Shri S M Salgar, Scientist-G addressing the participants and staff members of INFLIBNET during the 20th Training programme. (From L to R) Shri Prem Chand (Programme Coordinator), Dr T A V Murthy (Director, INFLIBNET) and Dr. R N Vakil (Dean, Centre for Environmental Planning & Technology)are also seen.

Participants of Seventh workshop on Automation and Networking of University Libraries Under INFLIBNET Programme, with Dr T A V Murthy, Director, INFLIBNET, Faculty Members and Administrative Staff of INFLIBNET.

Shri V S Cholin (Scientist-B, INFLIBNET) welcoming the participants of five-day workshop on Library Management in the Age of Computers organized for AIR Librarians at INFLIBNET. (From L to R) Shri H G Hosamani (Course Coordinator), Shri Paresh Mankad (RTI-AIR Director), Shri S M Salgar and Shri C K Shah (INFLIBNET) are also seen.
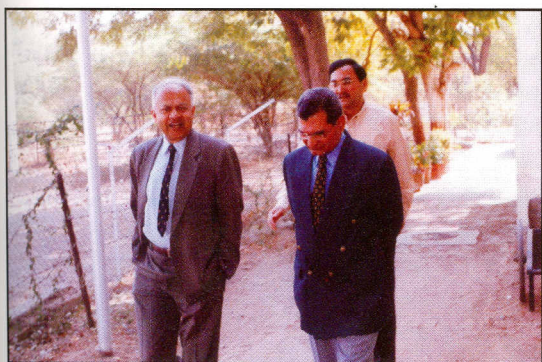

Prof Rajasi Clerk a participant of Five days Workshop on Access to Social Science Information in the Networked Environment held at INFLIBNET in collaboration with NASSDOC, giving feedback about the course.
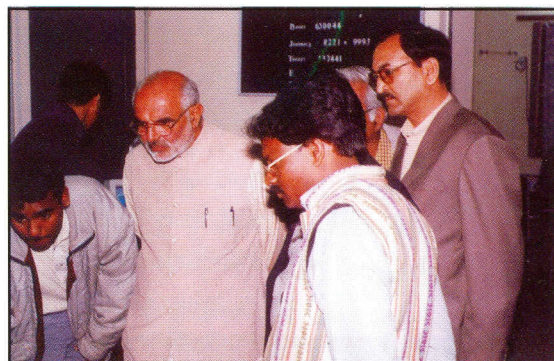

Participants of IRTPLA held at Gulbarga University with Dr R B Gadgimath (Universuty Librarian and Coordinator), Shri V S Cholin and Shri B Ramesh from INFLIBNET

Dr T A V Murthy, Director, INFLIBNET inaugurating the National Conference on Recent Trends in LIS Technology (LIST-2002) held at Bishop Heber College, Trichy (TN)

Dr Jayant Narlikar (Director, IUCAA) at INFLIBNET Campus with Dr T A V Murthy and Shri D P Negi.

Dr Saheb Singh Verma (Minister for Labour, Govt of India and Ex CM of Delhi) at INFLIBNET Database Lab with Shri S M Salgar, Shri Prem Chand Shri D P Negi, Shri H G Hosamani and Shri Rajesh Chandrakar.

Dr. T S Kumbar with Mr. Lorcan Dempsey, Vice-President, Office of Research, OCLC Inc., USA during his stay at OCLC as Fulbright Fellow.

Participants of IRTPLA held at Pondicherry University with Shri P Ramanathan (Universuty Librarian and Coordinator) and Shri J K Vijayakumar from INFLIBNET

Participants of IRTPLA held at Kurukhetra University with Smt. Ashu Shokeen (Coordinator) and Shri K Praksh and Shri Suresh Panwar from INFLIBNET

Shri Premchand expresses his views about the Workshop on English Language, Communication Skills and Personality Development with Shri V S Cholin Dr. T A V Murthy and Prof. Jacob Mathews (Trainer).

Dr T A V Murthy addressing the delegates of INFLIBNET Regional meeting held at Nagaland University Library, Kohima

Participants of First SOUL Orientation Programme with Dr T A V Murthy (Director, INFLIBNET), Shri B Ramesh (Course Coordinator) and other faculty members.

CALIBER-2002 inaugural session - Dignitaries on the dais (From L to R) Prof Shabir Hussain, Dr H M Saxena, Dr T A V Murthy, Shri Subash Mahariya, Prof K L Kamal and Prof Ashwini Kumar.

CALIBER - 2002: a view of deliberations from Technical Session
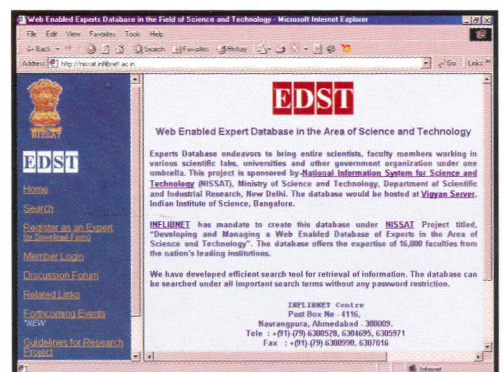

Figure: Main Page of Web Enabled Expert Database

Dr T A V Murthy at ICADL conference with Dr Hari Gautham (UGC Chairman) and other dignitaries.

Shri H G Hosamani, Scientist-B, INFLIBNET is presenting paper at First South Indian Library Association conference held at Hyderabad. Dr. L. J. Haravu is also seen.

Participants of IRTPLA held at JNT University, Hyderabad with Shri N Satyanarayana (Universuty Librarian and Coordinator), Shri H G Hosamani and Shri B Ramesh from INFLIBNET.

Shri Prem Chand from INFLIBNET with Participants of IRTPLA held at Gauhati University during praticals.

Participants of IRTPLA held at Goa University during inaugural session.

Dr T A V Murthy at OCLC, USA during the 20th Annual OCLC International Conference of Research Library Directors.

Dr T A V Murthy hoisting the national flag of India during Independence day celebrations 2001 at INFLIBNET Centre

Shri S M Salgar hoisting the national flag of India during Republic day celebrations 2002 at INFLIBNET Centre

Winners of the Shuttle Badminton Tournament held at INFLIBNET Centre with administrative staff.