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From Director's Desk

Dear Friends.

The year 1998 has been an exciting year for INFLIBNET Programme. There was a flurry of activities, number of new staff members joined us, 36 more universities were funded, number of new systems were added, proposal of VSAT based network took a shape, newly designed training programms and workshops were conducted, database activies were streamlined adding a number of new databases. Also Bibliographical Information Service was introduced at the national level, all the union databases were placed on the network for on-line access over Internet, Search Engines to retrieve the data were designed and tested, INFLIBNET web site providing information about centres activities and services was launched. A software package for University Libraries - SOUL was developed to meet the expectation of university libraries. Besides, our staff visited number of universities for on-site training on automation and data collection. CALIBER-98 was another successful event of the year. Libraries have started taking much more interest in the activities and services of INFLIBNET. Over all this year has brought in a new dynamism to INFLIBNET programme.

One of the interesting service introduced to our academic community during the year 1998 is on-line registration for Experts and Research Projects database. This facility enables the faculty members working in the universities to access these databases on-line and contribute the information instantaneously. This, we hope will go in a long way in promoting scholarhsip at national level and increase one to one contact among the entire university community for academic exchange of thoughts.

I take this opportunity to thank the universities and their staff for actively participating in many of our newly introduced activities. We at INFLIBNET look forward to yet another exciting year ahead, to work with the participating universities much more closely to achieve the set goals.

I wish you a very happy and prosperous new year 1999.

Pramod Kumar

Director

INTERNET edition: http://www.inflibnet.ernet.in/newsletter.html

ON-LINE REGISTRATION OF EXPERTS AND RESEARCH PROJECTS DATABASE

INFLIBNET Centre has been involved in creating number of union databases covering various types of information. These are being created to facilitate resource sharing among the participating libraries and also to promote the scholarship. Two of the major databases which are vital for promoting the scholarship are Experts and Research Projects.

The Experts database is being developed with a view to provide the information about each individual faculty member, including top level academic administrators viz. Vice-Chancellors, Directors, Pro-Vice-Chancellors, Deans, Registrars, University Librarians. This database provides an academic profile of each individual, covering his/her area of expertise, publications, research projects undertaken, Ph.Ds guided etc., besides other related information.

The above information is collected by INFLIBNET from the respective individuals directly, in a pre-designed format. This is a voluminous work handled by INFLIBNET. It is estimated that there are nearly 35,000 faculty members working at senior level in the Indian universities. All these Faculty Members have been contacted twice during last two years with a request to submit their details to INFLIBNET. This effort has given a positive response. Currently Experts database has over 6,500 records accessible on-line through the INFLIBNET web site.

Similarly the Research Projects database, which is in progress covers various research projects handled by the faculty members working in various Indian Universities and Institutions. This is being developed with an objective to promote the research done at Indian Universities, and also to avoid the duplication. The Database covers only the project funded by Government agencies and handled by Universities and other similar

institutions in the country. Vital information such as, Project Director and his official address, title and summery of the project, funding agency, duration etc. are covered in the database. There has been a very positive response to this effort by the research community from the universities. Currently, there are over 3500 records available in this database and number is growing on daily basis.

On-line access

To promote best use of the information, both these databases have now been made available over the Internet through INFLIBNET website at URL http://www.inflibnet.ernet.in Individual institutions having access to World Wide Web can access these databases

On-line registration

data for both these databases Collecting has been very tedious task. So far this was done through writing to each individual experts and funding agencies. To reduce the paper work, cut cost on postage and to keep the data up-to-date, the online registration facility has been introduced. Faculty Members and other researchers working the universities, can now send their data relating to both these databases using the on-line registration facility. All that one need to do is to access the INFLIBNET website http://www.inflibnet.ernet.in, click on "Register @ yourself and be part of the Expert database". Alternatively, use the click button given on the first page of the respective databases. The forms are pre-defined which enable the expert to fill in the information quite easily. If the record already exists, experts can modify his/ her information on-line. This is done instantaneously.

RESOURCES ON INFLIBNET. WEB SITE

Information resources being added to INFLIBNET website are increasing day-by-day. They are dynamic in nature and useful to academicians, scholars, students and

others. Following three major resources have been added during last few months, besides other general information about activities and services.

- University Home Pages
- Universities Address and other details
- · UGC Schemes

University Home pages

The INFLIBNET Centre has taken upon itself to develop an University Information System covering the information related to academic activities of each university. This work is being handled with an objective to provide maximum and up-to-date information about various courses conducted, facilities available, faculty information, eligibility criteria for admissions etc. The information relating to all of this is collected from the respective universities and organised and placed in a structured format using HTML format. Currently, there are 21 university home pages mounted on INFLIBNET Server. This service is being handled by INFLIBNET to promote the academic information on the network specially of those universities, who at present do not have a facility to host such information on their own server. A copy of the same is being provided to universities for mounting on their own website.

Universities address and other details

Although there are couple of printed sources available, providing information about universities address, Telephone numbers, Fax numbers, E-mail addresses, Name of Vice-Chancellor, Registrar and Librarian etc., but they are not updated frequently. Therefore, INFLIBNET has putup a directory giving upto-date information about the above. This is being updated regularly basis using several sources, and has now more than 240 addresses in this directory.

UGC schemes

University Grants Commission - the parent body for INFLIBNET, offers number of schemes relating to research projects, conferences, publication etc. Details about the same can be accessed through INFLIBNET Website.

It is proposed to add similar kind of information on related subjects that are of interest to academic community in the country in the coming few months.

TRAINING PROGRAMME

The 17th Training Course on 'Application of Computers to, Library and Information Services (ACLIS)' was held from 23th November to December 19, 1998 at INFLIBNET Centre in Ahmedabad. This four weeks course was held in the series of courses conducted by INFLIBNET under Human Resources Development, with a view to develop skilled manpower to handle the library automation and networking related activities. It was conducted specifically for the operational staff working in the 18 University Libraries funded during 1997-98 financial year.

This Course was inaugurated by Shri Pramod Kumar, Director, INFLIBNET. In his inaugural address, Shri Kumar urged upon the young library professionals to come forward and join the hands with INFLIBNET in promoting library automation and networking in the country. The concluding session was graced by Shri S. R. Thakore, Hon. Director of ADINET who gave away the certificates to participants.

The Major objectives of this course were :

- To prepare the operational staff from the participating university libraries to handle the computerisation and networking.
- To develop confidence in the participants to implement the computerisation of inhouse operations and database creation activities at their respective libraries.
- To equip the participants with adequate skills in handling various problem areas involved in automation and networking

 To provide practical experience (how-todo-it) by allowing each participant to spend most of his / her training time using computers independently.

Contents

The contents of this 17th Course was redesigned keeping in view the changing trends and requirements of newly funded universities. The following contents were covered during the training:

Computer Concepts: hardware and software, various operating systems (MS-DOS, WINDOWS 95/98, WINDOWS NT)

Library management softwares: Software for University Libraries (SOUL) newly developed by INFLIBNET Centre and CDS/ISIS).

Computer Application to Library and Information Science: Database designing, Bibliographic standards and formats, GIST technology, CD-ROM technology, Barcoding etc.

Networking: Access to INFLIBNET databases over INTERNET and related topics

The training comprised of both theory and practice. The entire schedule was drawn in such a way that, participants get more time to solve the practical problems.

The focus was more on hands on experiences, assignments, problem solving etc. Computer laboratory with 10 Pentium machines was kept open till 10.00 PM on all the days during the course to facilitate the participants to spend more time with computers.

As part of this course, participants were also given individual projects, and at the end tests were conducted to assess the effectiveness of the course. This specially designed course was well received by the participants. Next such course is being planned some time during July-August 1999.

SEARCH ENGINES DEVELOPED AT INFLIBNET

The world is rapidly catching up with on-line information industry. An obvious way to start with an on-line information service is to use the services of INTERNET. The INTERNET is going to have far reaching effects on many aspects of electronic information industry including library and information services. This has amply been demonstrated in the last few years. Many libraries, library networking organisations, database vendors have started providing access to their databases through World Wide Web.

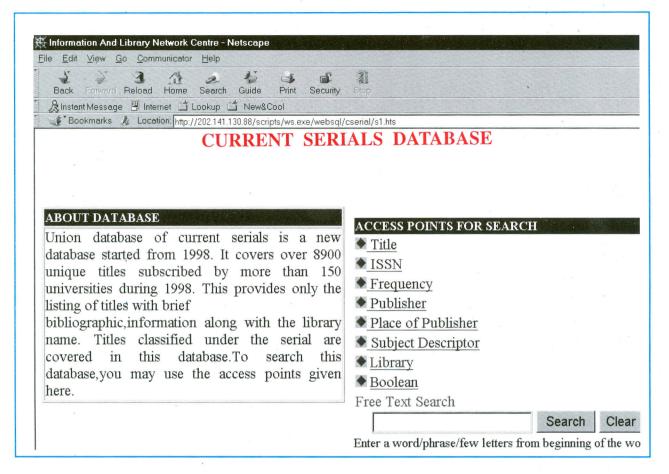
Realising the potentials of the web, INFLIBNET has recently provided access to following seven union databases being developed at INFLIBNET Centre through its web page.

Initially, the database development work was done using CDS/ISIS, including authentication, merging, duplication check Now the data pertaining to each database is converted into RDBMS through a specially designed interface, which is compatible to ISO 2709. To access these databases, INFLIBNET Centre has developed smart web based Search Engines using middle tier architecture, which are very effective in retrieving the relevant data from the large databases. These databases can be accessed through INFLIBNET home page using URL: http://www.inflibnet.ernet.in. On reaching the home page of INFLIBNET, names of seven databases can be seen (as given figure 1).



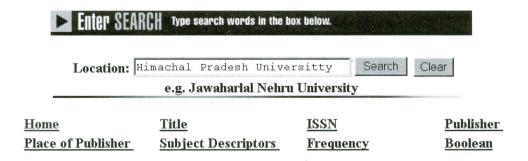
Figure 1

Using a pull down menu from here, one can select the database. On selecting the respective databases the description of the database and various access points will appear as given in figure 2 to enable the user to choose the access points.



A query can then be formulated and accordingly search can be conducted using search key box (as given in figure 3).

CURRENT SERIALS DATABASE



Feedback about Serials Database

Figure 3

Results of the query are displayed at three levels. The first level display appears as given in the figure 4, and at second and third level bibliographical details of each titles and library address (i.e. location) are displayed respectively. Each database also has a facility for free text and boolean search, besides other access points to make optimum use of the information

Your search was: Himachal pradesh university for location

Total hits: 467 First 1-50 Results

· Click on title to get more detail

Title	Available Volumes/Year/ Missing Volumes/Y
Sloan Management Review	1998
University News	1998
Asian Recorder	1998
American Economic Review	1998
Bulletin of Materials Science	1998
Indian Journal of Marketing	1998
Indian Journal of Social Work	1998
Cambridge Philosophical Society Mathematical Proceedings	1998
Current Contents: Life Science	1998
Nature	1998
Cooperator	1998
Journal of Psychological Research in Mental Subnormality	1998
Literary Criterion	1998
Indian Journal of Mvcology and Plant Pathology	1998

Figure 4

It is hoped that, this on-line access facility to the union databases, will facilitate free flow of information to the end-users, and facilitate resource sharing among participating libraries.

The major access points provided for the seven union databases are presented in Table 1.

ACCESS POINTS FOR INFLIBNET DATABASES

(Table 1)

			(100001)				
Access points	Serial Holding	Current Serial	Secondary Serials	Books	Theses	Research Projects	Expert
Title	Y	Y	Y	Υ	Υ.	Υ	2 = 2
Author				Υ			
Researcher				180	Υ		+.
Guide					Y		
Project Director						Y	
Name of Expert							Y
Publisher	Y	Υ	Y	Υ			
Place	Υ	Υ	Υ		Υ		
Library	Υ	Υ	Υ				
University			×		Υ	E 1	Υ
Department		120			Υ		
Institute Affiliated						Y	
Funding Agency							2
Frequency	Υ	Y	Υ				
Subject Descriptor	Y	Y	Y	Y	Y		
Area of Expertiese							Υ
Serials on CD-ROM			Y				
Serials on Diskette		*	Y				
Memberships			,				v v Y
Language					Υ		
ISSN	Υ	Y	Υ				
ISBN				Υ			
Free Text	Υ	Υ	Y	Υ	Υ	Υ	Υ
Boolean	Y	Υ	Υ	Υ	Y	Υ	Υ

UNIVERSITIES DED FOR LIBRARY MATION

iversity Grants Commission has ollowing 18 new universities under ET Programme during 1998-99 the total number of universities o 105. These universities include:

avati University, Amaravati

lore University, Bangalore

Mesra, Ranchi

n University of Sci. & Tech, Cochin

Ahilya Vishwavidyalaya, Indore

Jambheshwar University, Hissar

ul Kangri Vishwavidyalaya, Hardwar

ational Institute for Population ces, Mumbai

arlal Nehru Technological University, abad

in University, Nainital

shi Dayanand Saraswati

ımaniam Sundaranar University, İveli

al Law School of India, Bangalore

Gujarat University, Patan

ınd University, Kohima

nan Vidyapeeth, Udaipur

University, Assam

agar University, Midnapur

All these university libraries have been given Rs.6.5 lakhs as one time grant for the purchase of computers, network related equipments, subscribing to telephone lines and preparing the sites etc. These universities will also be supported for the first five years with a recurring grant to meet the salary of 'Information Scientist'(a post created specially to take care of INFLIBNET Programme implementation at respective universities), data entry work, telephone charges, consumables and maintenance charges.

Libraries funded under the programme will have to sign Memorandum of Understanding, follow the guidelines with respect to database creation and automation of libraries given by the INFLIBNET. These libraries will also be provided with SOUL(Software for University Libraries) software by INFLIBNET for library management.

To have better understanding of the total responsibility of implementation, INFLIBNET Centre is organising a separate workshop at Ahmedabad from $4^{th} - 10^{th}$ January for Heads of university libraries of these participating universities.

UNIVERSITY LIBRARY PROFILE

SNDT Women's University Library

SNDT Women's University library is a multi unit library system established in July 1916 with the name of Indian Women's University at Pune and latter in 1920, renamed as Shreemati Nathibai Damoder Thackersey Indian Women's University in the memory of mother of eminent industrialist philanthropist of Bombay, Sir Vithaldas, In the year 1936 University shifted to Bombay and in 1951 the university has been granted statutory recognition and from then on come to be known as Shreemati Nathibai Damodar Thackersey (SNDT) Women's University. Gradually, as the university progressed to newer hights, the acronym "SNDT" became

popular and began to signify educational endeavors for women.

University library started its collection after receiving the statutory recognisation with 3.000 volumes in the basement of library building in 1955. From this small collection the library has grown in to system with more than 3 lakh volumes and range of user oriented services. The university library system caters to the need of university managed colleges on its campuses and the university departments through Central Library, Churchgate, two branches at Pune and Juhu, a children's library and two Study Centers. Recently a brainstoming session of senior staff and faculty has developed a Library's mission statement, "The SNDT Women's University exists to support the teaching, research and extension activities of the university by providing to students, faculty and staff, information and documentary resources and services, relevant to their needs. Being an integral part of the university. the library is committed to play a proactive role in the empowerment of women through dissemination and use of information and knowledge."

The collection of the Central Library is rich in Gandhian studies, history, social sciences, women's studies, art, literature, nursing, library science and management, where as the Pune Branch Library has rich and varied collection in Home Sciences, Education, Geography and Marathi, while the Juhu Branch Library's special strengths are its collection in Food Sciences and Nutrition, Human Development, Family Resources Management, Special Education, Computer Sciences etc. With this vast and varied collection, library provides the services to more than 1000 library members.

Services

Besides providing all traditional library services, Library offers several value-added electronic services, which have been listed below:

- JGM Smarak Trust Children's Library and Material Research Centre
- Publications

- Consultancy Services
- National Information Centre
- MINISIS Resource Centre

Library Automation

Computers were first introduced in to the SNDT Library system in 1987, when the National Information Centre acquired a HP 3000 series 42 mini-computer with 3 terminals. Located at Juhu campus, the computer was used mainly to develop the inhouse bibliographic database on which Centre provided its services. MINISIS was used for this purpose. Introduction to this computer system resulted in a wider awareness of computer vocabulary, familiarity with the capabilities of computers and basic knowledge of database management systems among the library staff.

In 1990, Central Library and School of Library Science, Churchgate campus acquired two PCs. Small database using CDS/ISIS have been developed and acquired more familiarity with the software and hardware. In 1992, since MINISIS was being developed for the DOS platform, the MINISIS Resources Centre acquired a PC 386 for its use.

INFLIBNET support

It was in 1996, that development in library automation really began to take place. The UGC- INFLIBNET grant for library automation enabled to library to buy a Pentium server and 4 nodes. The coinciding grant of MINISIS Resource Centre for computer laboratory, enabled library to acquire a Pentium server with 6 nodes. Today Central Library and National Information Centres have their own LANS, while Pune and Juhu Branch Libraries have single stand-alone machines. The LAN at Central Library is a Novell based system. The server hosts the SNDT Women's University Library's Online Catalogue and the Main Database, which are both on CDS/ISIS and common document and graphic files used by different departments of the library. The LAN at National Information Centre is a Windows NT based system and now has 3 server nodes, a scanner, and a printer. One of the machines serves as an INTERNET workstation.

When INFLIBNET grant was received, Library set out the further new objectives of the computersition in three phases. In keeping with these new objectives, SNDT University Library Online Catalogue (SULOC) was initiated. Designed as per INFLIBNET guidelines, on CDS/ISIS, it contains entries for books, theses, bound volumes and audiovisual materials

SULOC is being built up in two ways. All new books are being entered in the computerised catalogue by the catalogue department, at Central Library and the Juhu branch Library. Retrospective conversion has been taken up first at Central Library for simple English books, with the data entry support provided by INFLIBNET. For the new books, in case of composite books, details of select contents are included in the record. Records from Juhu Library are merged in the SULOC. Periodically, SULOC records are copied to Branch libraries, so that readers can know the resources available at Central Library

An OPAC terminal is provided for students and faculty to search SULOC. The orientation programmes and the library use workshops at the beginning of the academic year were used to build up students skill in the using SULOC. The acquisition of electronic information sources on CD-ROMs and other digital media has been specifically undertaken. CD-ROMs of reference materials. learning resources, bibliographic sources and full text journals have been procured, making the task of searching information guick and easy one.

Since the beginning of the academic year 1998-99, INTERNET searching facility with professional help is being provided. The service open to the users is gateway to global resources. A database of website is being developed on MINISIS, which is useful in locating relevant resources on the INTERNET. Moreover hypertext linking facility of MINISIS, helps the smooth and transparent transition from the database to the site.

An initiative to develop the electronic library (E-Lib) has been taken. It includes in-house papers of faculty; important scanned items and growing number of downloaded

INTERNET resources. Also on MINISIS, the database links the bibliographic records to the full item, thus providing access not only to the surrogate, but also to the full resource.

Recently Library has joined the Harvard University supported Global Reproductive Health Forum and is digitizing Indian materials of gender; reproductive health and human rights with a view to host them on the INTERNET.

Future Plan

Library has ambitious future plan. Library has planned to set up Campus-Wide LAN, purchase more bibliographic and full text CDs, develop a subject index to SULOC, integrate access to catalogue and other electronic sources. automate library housekeeping functions, made SUCHAK available on all campuses, link the three campus libraries, develop links with the libraries of affiliated colleges, acquire journals on electronic form, and many other things. Two keywords in the future plans are access and connectivity. The road from the present status to the creation of digital, virtual library is long, expensive and arduous; but set goals, a clear sense of direction and confidence among the skilled staff in the library, would definitely reach the goal under experienced and learned Librarian

ARTICLES ALERT

- 1. Mark A Wetter. Evaluating document delivery services. *Database*. Vol. 21 No. 5, 1998, pp. 43-74
- Martin White and Peter Kibby. Managing electronic serials in the corporate libraries. Managing Information. Oct-1998, pp. 25-31
- 3. Julio Zielstra. Metadata and Lotus Notes: steps for a local government INTRANET *Managing Information*. Oct-1998, pp. 35-37
- Liam Chambers and Eamon Hayes.
 Managing electronic resources.
 Management Information. Dec-1998, pp 33-34

- 5. Awang Nagh Zainab and Sharon Manel De Silva. Expert system in library and information services: publication trends and expressiveness of published titles. *Journal of Information Science*. Vol. 24 No. 5 1998. pp. 313-336
- 6. Mike McGrath. Current status of ILL: some realities behind the hype. *OCLC System and Services*. Vol. 14 No. 3, 1998, pp. 103-109
- 7. Cynthia Dobson and Wayne A Pedersen. Document delivery to developing countries. *OCLC System and Services*. Vol. 14 No. 3 1998, pp. 110-116
- 8. Philip Barker and Pieter A Van Brakel. Role of the information professionals in the knowledge economy. *The Electronic Library*. Vol. 16 Dec-1998, pp. 373-376
- 9. Alison Chilvers and John Feather. Management of digital data: A meta-data approach. *Electronic Library*. Vol. 16 No. 6, Dec-1998, pp. 365- 371
- Joanne V. Halgren. Resource sharing inter library loan and ORBIS: How did we get here and where we are going? *Journal of Inter Library Loan, Document Delivery and Information Supply*. Vol. 8 No. 4, 1998, pp. 5-8
- 11. Richard Hodson. Demand for journals: Facts versus Fiction. *Serial* Vol 11 No 3, Nov-1998, pp. 247-250.
- 12. Hazel Woodward. Electronic Journals: librarian's viewpoint. *Serials.* Vol 11, No 3, Nov-1998, pp. 231- 235.

All the journals listed above are subscribed at INFLIBNET Centre and the articles could be delivered on request.

IMPORTANT WEB SITES

Electronic Resources on Licensing and Consortia

- LibLicense homepage http://www.library.yale.edu/~llicence
- Coalition for Network Information http://www.cni.org
- Duch/ German Libraries Joint Licensing Principles and Guidelines for Negotiations with Publishers http://cwis.kub.nl/~dci/cwis/licprinc.htm
- Consortium for Educational Technology for University System (CETUS) http://www.cetus.org
- Committee on International Cooperation (CIC)
 http://www.cic.uiuc.edu.index.html
- American Society of Journalists and Authors http://www.asja.org
- Licensing Digital Resources
 http://www.eblida.org/ecup/docs/newindexhtml
- Mutual agreement between the publishers and university librarian in UK for the use of electronic publishing http://www.ukoln.ac.uk/services/elib/papers/pa/license/intro.html
- JSTOR Library Licence Agreement (HEFCE)
 http://www.chest.ac.uk/datasets/jstor/
 hefce.html
- 10. Task Force on Electronic Collection,
 Assumption
 - http://NTX.csu.uiuc.edu/cic/cli/licguide.html
- 11. International Coalition of Library Consortia (ICOLC)
 http://www/library.yale.edu/consortia/
 icolcpr.html
- 12. Ohio Library and Information Networ http://www.ohiolink.edu

- 13. Principles on Licensing Electronic Resources, written and endorsed by five Library Associations

 http://arl.cni.org/scomn/licensing/principles.html
- 14. Links to other related sites in USA http://sunsite.berkeley.edu/Libweb/usa-consortia.html
- 15. United States Copyright Office http://lcweb.loc.gov/copyright

NEW STAFF

INFLIBNET community welcomes Mr J. K. VIJAYAKUMAR, who has joined as Scientific and Technical Officer – I, in Library Division on 2nd November 1998.

FORTHCOMING EVENTS

Advanced Course on CDS/ISIS (WINISIS) is being organised at following three places:

- MPSCT, Bhopal. Date: 03 -14 May, 1999
- M S University of Baroda, Vadodara,
 Date: 14- 25 June ,1999
- NISSAT, New Delhi, Date: 16 –27 August, 1999

Contact for more information:

Mr. B. N. Sarkar (Senior Scientific Officer)
National Information System for Science
and Technology (NISSAT)
DSIR, Technology Bhawan,
New Mehrauli Road
New Delhi
Telefax:011-6516078
Email:nissat@nissatd.ernet.in

INFLIBNET PUBLICATIONS

Following proceedings of CALIBER are available for purchase:

- Information Technology Application in Academic Libraries: Proceedings of the CALIBER 1997. Price Rs. 300+Postage.
- Information Management in Academic & Research Libraries: Proceeding of CALIBER 1998. Price Rs. 350+Postage.

For ordering your copy, please write to:

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Ahmedabad- 380009, Gujarat.

FEEDBACKS

The Editorial Board requests the Librarian and others to contribute news items pertaining to important activities and events taking place in your universities. We also solicit your comments, suggestions in making this newsletter an effective media to communicate INFLIBNET activities.

The Director and Staff of INFUBNET Centre
Wish you a Happy and Prosperous
New Year 1999