INFLIBNET
NEWSLETTER

INFLIBNET

Feature Article

**UGC- Infonet 2.0 and
National Knowledge Network (NKN)**

Manoj Kumar K

SOUL Helpline
Tel. : 079 - 26300007
N-LIST (E-resources for College)
http://nlist.inflibnet.ac.in
INFLIBNET Blog
http://www.inflibnet.ac.in/blog

INFLIBNET Forum
http://www.inflibnet.ac.in/forum
INFLIBNET Wiki
http://www.inflibnet.ac.in/wiki
INFLIBNET Chat
http://www.inflibnet.ac.in/chat

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From the Director's Desk

The Centre had a very auspicious beginning for the year 2010 that commended with laying down of Foundation Stone for the Institute Building at INFOCITY, Gandhinagar by the Hon'ble Chairman, University Grants Commission and President, INFLIBNET-Council, Prof. S K Thorat on 27th January, 2010. The Institute Building of the Centre is designed by internationally acclaimed Architect and renowned academician Dr. Balkrishna V Doshi of Vastu-Shilpa in consultation with experts in the field of sustainable, eco-friendly and energy-efficient building. Construction of Institute building is being done in two phases, i.e. in the first phase, total built-up area of 1,20,000 sq. ft. will be completed which would include Academic and Research Blocks, Administration, Library, Auditorium and Lecture Halls at a cost of around Rs.22.00 crores. In the second phase, 65,000 sq.ft. built-up area will be undertaken with an estimated cost of Rs.7.50 crores which would include Hostels, Guest Houses, Staff quarters, etc.

Taking the benefit of visiting dignitaries during Foundation Stone Laying Ceremony, two major initiatives, namely Indian Electronic Theses and Dissertations (iETD) and Open Journal System were launched on 27th January, 2010. The iETD Repository, designed for online submission of electronic version of theses and dissertations from universities in India, was launched by Prof. S.K. Thorat, Chairman, UGC. The repository, launched in January 2010, already has more than 20 theses in it. The Open Journal System at INFLIBNET Centre was launched by Prof. S K Khanna, Chairman, Governing Board, INFLIBNET Centre. The OJS invites faculty in universities to host their journals on to the INFLIBNET's platform. As of now, two journals namely; "Journal of Literature, Culture and Media studies" and "Assam University Journal of Science and Technology" are hosted on the OJS @ INFLIBNET.

Human Resource Development is one of the core activities of the Centre. During the period under review, the Centre organized five training programmes on Library Automation and Dspace (including three IRTPLAs), one user's awareness programme on e-resources and four user's awareness programmes on N-LIST. Besides, the Centre, in collaboration with the Department of Library and Information Science, Gujarat University organized a three-day National Workshop on Digital Content Management in the month of March at the INFLIBNET Centre.

The Centre took decision to provide enhance Internet Bandwidth to every university from current 512 Kbps / 2 Mbps to 10 Mbps with switching over of Internet Service Provider (ISP) from ERNET to BSNL. The Centre has placed its order with BSNL and process of switching over of universities from ERNET to BSNL has started. Considering the fact that all universities in India would be getting 1 Gbps connectivity under the NKN/NME-ICT programme, the topic of the cutting-edge technology in LIS in this issue is "UGC-Infonet 2.0 and National Knowledge Network (NKN)" by Shri Manoj Kumar. It may be noted that the UGC-Infonet Programme would be subsumed into the NKN/NME-ICT once the university gets higher bandwidth under the NKN/NME-ICT.

We plan to revamp UGC-Infonet Connectivity Programme and take up new role built around effective and efficient usage of huge bandwidth available to universities. The INFLIBNET Centre is contemplating the possibility of using the NKN/NME-ICT for various other academic purposes / services beside browsing Internet and accessing e-resources. We would be happy to receive ideas from distinguished professionals and academicians in this regard.
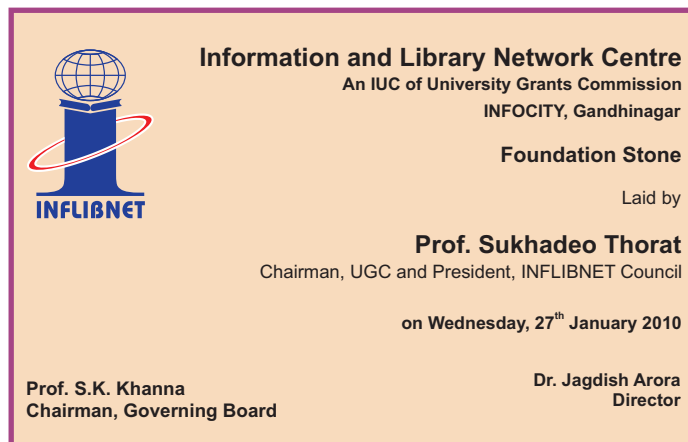
This issue also heralds the beginning of the new year as well as the new financial year which brings lot of new activities to the Centre. We wish a very happy and prosperous new year to all our readers.

(Jagdish Arora)

Foundation Stone Laying Ceremony of Institutional Building at INFOCITY, Gandhinagar

The Foundation Stone for the Building of the INFLIBNET Centre, an Inter-University Centre of the University Grants Commission, at Infocity, Gandhinagar was laid by Hon'ble Chairman, UGC and President, INFLIBNET Council Prof. Sukhadeo Thorat on 27th January, 2010 at 12.30 PM. Prof. S K Khanna, Chairman, Governing Board, INFLIBNET Centre, Dr Jagdish Arora, Director INFLIBNET Centre, Dr. Parimal Trivedi, Vice Chancellor, Gujarat University, Prof. Sudarshan Iyenger, Vice Chancellor, Gujarat Vidhyapith, Prof. R.K. Kale, Vice Chancellor, Central University of Gujarat and Dr. B.V. Doshi, Chief Architect, Vaastu Shilpa (Architect of the INFLIBNET Building) also graced the occasion. While unveiling the Foundation Stone Plaque, Prof. Thorat stated that the INFLIBNET Centre would now be in a better position to reach-out to the academic community in the country with networks of e-resources and other innovative projects. Dr Jagdish Arora presented a brief summary of important projects and programmes undertaken by the Centre.

The Institution Building of the Centre is designed by internationally acclaimed architect and renowned academician Dr Balkrishna V

Information and Library Network Centre
An IUC of University Grants Commission
INFOCITY, Gandhinagar

Foundation Stone

Laid by

Prof. Sukhadeo Thorat
Chairman, UGC and President, INFLIBNET Council

on Wednesday, 27th January 2010

Prof. S.K. Khanna
Chairman, Governing Board

Dr. Jagdish Arora
Director

Foundation Stone Plaque

Doshi of Vaastu-Shilpa in consultation with other experts in the field of sustainable, eco-friendly and energy-efficient building. The project will be executed on a turn-key basis from concept to completion within a period of two years. In the first phase, total built-up area of 1,20,000 sq. ft. will be completed which would include Academic and Research Blocks, Administration, Library, Auditorium and Lecture Halls at a cost of around Rs. 22 Crores. In the second phase, 65,000 sq. ft. Built-up area will be undertaken with an estimated cost of Rs. 7.5 Crores which would include Hostels, Guest House, Staff Quarters, etc. **IN**

Prof. Sukhdeo Thorat, UGC, Chairman and President, INFLIBNET Council with other dignitaries

Launching of Indian Electronic Theses and Dissertation (IETD)

During Foundation Stone Laying Ceremony of the Building of the INFLIBNET Centre, Prof. Sukhadeo Thorat, Chairman, UGC launched digital repository called "Indian Electronic Theses and Dissertations (iETD)" (http://ietd.inflibnet.ac.in). The digital repository facilitates researchers to submit full-text of their theses and dissertations as per UGC Notification (Minimum Standards & Procedure for Award of M.Phil./Ph.D Degree, Regulation, 2009). The INFLIBNET Centre is given the mandate by the UGC to create, maintain, preserve and provide open access to Indian theses and dissertations to the academic community through its iETD Repository. Online availability of electronic theses, through centrally-maintained digital repositories, will not only ensure easy access and archiving of Indian doctoral theses but will also help in raising the standard of research. This would overcome serious problem of duplication of research and poor quality resulting from the 'poor visibility' and the 'unseen' factor in research output.

Prof. S. K. Thorat, Speaking at the time of launching iETD.
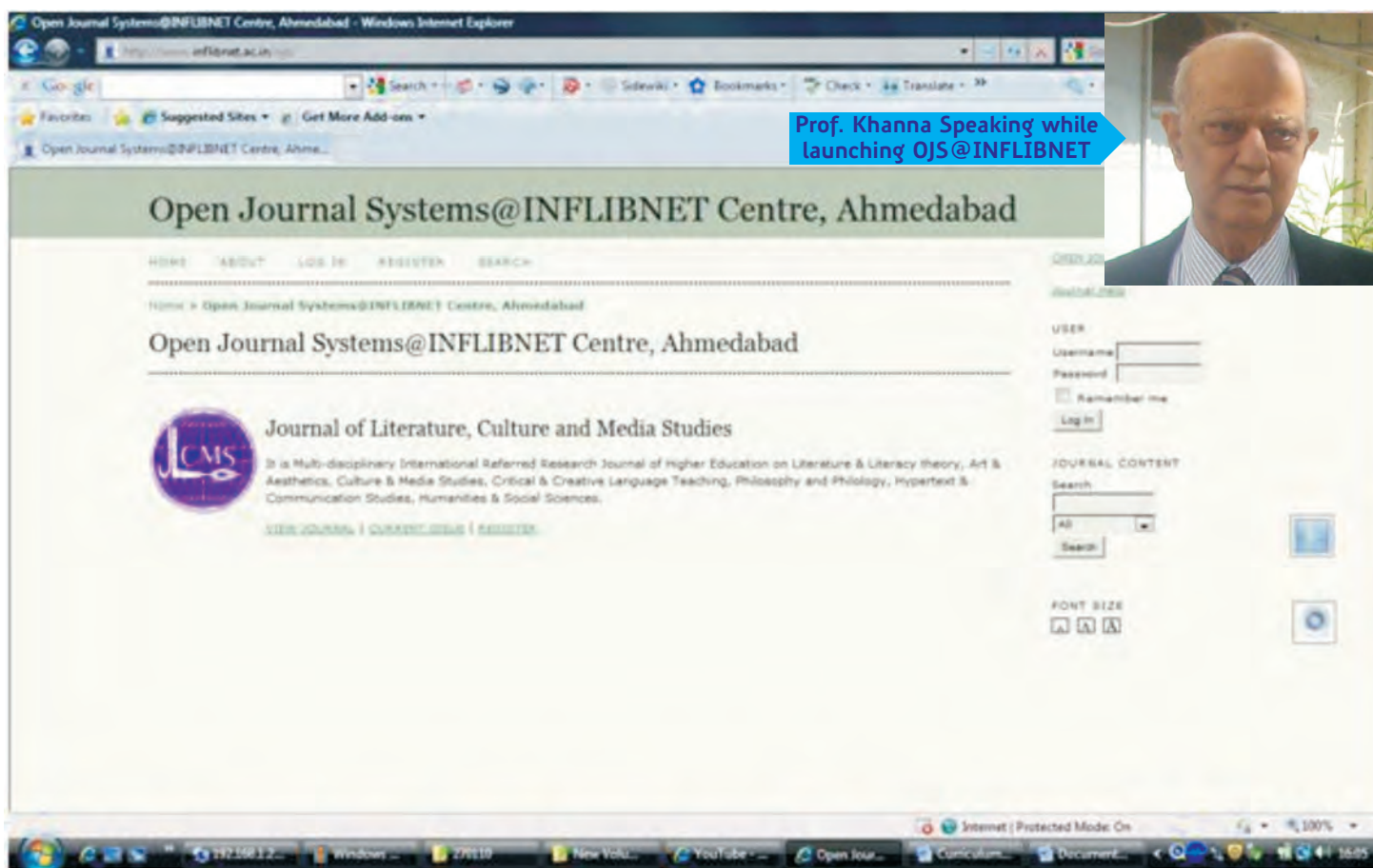
Launching of iETD Repository

Research Scholars, Supervisors/Guides and University authorities are requested to submit their ETDs to INFLIBNET Centre for the iETD. They can submit the ETDs themselves online as per the pre-defined guidelines or by post to Director, INFLIBNET Centre. We shall make it available on the repository.

IN

Launching of Open Journal System @ INFLIBNET Centre

Prof. S.K. Khanna, Chairman, Governing Board, INFLIBNET Centre launched "Open Access Journals Hosting Service" for providing access to peer-reviewed journal literature in electronic format during the Foundation Stone laying ceremony of the Building of the INFLIBNET Centre on 27th January 2010. Open Journal System at the INFLIBNET Centre facilitates hosting of open access journals and all processes of submission, peer-reviewing, editing, layout design and publishing built into it. Faculty in universities are encouraged to start their open access journals using the platform offered by the INFLIBNET centre. Open Journal System at INFLIBNET hosts "Journal of Literature, Culture and Media Studies" published by a Prof. N.D.R. Chandra, Department of English, Nagaland Central University Kohima. The INFLIBNET Centre has received a few more requests from faculty in universities. These journals are being assessed for their quality.

Prof. Khanna Speaking while launching OJS@INFLIBNET

Editors of the Journals and Universities can contact INFLIBNET Centre for using the OJS platform of the Centre. It is free platform made for academic sector of the country. They can contact to either director@inflibnet.ac.in or rajesh@inflibnet.ac.in for details about the initiative.

IN

Workshop on Library Automation Software SOUL 2.0 and Dspace for Building Digital Library, Hemchandracharya North Gujarat University, March 22-26, 2010

Participants of the Workshop alongwith the Faculty from the INFLIBNET Centre at Hemchandracharya North Gujarat University, Patan

The S.U. Patel Library and Department of Library and Information Science, Hemchandracharya North Gujarat University, Patan with the help from INFLIBNET Centre, Ahmedabad organised 5-days Workshop on Library Automation Software SOUL2.0 and DSpace for Building Digital Library at the S.U. Patel Library from 22nd to 26th March 2010. The Workshop was inaugurated by Dr. J.H. Pancholi, Pro-Vice Chancellor, Hemchandracharya North Gujarat University, Patan by lighting the traditional lamp. Dr. Pancholi, in his inaugural, address highlighted the role and importance of libraries in providing information. Requested participants for using the IT exhaustively in libraries by making the best use of the workshop. He urged library professionals for building-up competencies in their skills on information and communication technology. Shri Shishir H. Mandalia, Lecturer, Department of Library and Information Science, Hemchandracharya North Gujarat University, Patan

welcomed the participants and dignitaries to the workshop. 5-Days workshop was divided into two parts i.e. 3-days for SOUL 2.0 and 2-days for Dspace. Mrs. Vaishali Shah, STO-I and Ms. Nabila Shaikh, SOUL Technical Assistant (CS) were resource persons for SOUL2.0 and Shri. Yatrik Patel, Scientist C(CS), Shri Dinesh Rayka, Project Officer (CS) and Shri Swapnil Patel, Project Officer (CS) from INFLIBNET Centre were resource persons for Dspace. 29 participants from colleges associated with the Hemchandracharya North Gujarat University, Patan attended the workshop. Valedictory function was graced by Dr. K K Shah, Vice Chancellor, Hemchandracharya North Gujarat University, Patan. During his valedictory speech, Dr. Shah requested participants to make best use of the workshop by implementing the ICT in their libraries for the benefit of their user community. **IN**

Two Days In-House Training Programme on SOUL2.0

Participants of In-house Training Programme on SOUL2.0 at University of Mumbai along with Dr. Vijaya Rajhansa, Librarian, University of Mumbai, Ms. Nabila Shaikh and Mrs. Hema Cholin from INFLIBNET Centre

The Jawaharlal Nehru Library, University of Mumbai organised Two Days In-house Training Programme on SOUL 2.0 in collaboration with the INFLIBNET Centre, Ahmedabad on 29th to 30th March 2010 at Vidyanagri, Santacruz (East), Mumabi. Mrs. Hema Cholin, Scientific & Technical Assistant (LS) and Ms. Nabila Shaikh, Technical Assistant (CS) were resource persons from the INFLIBNET Centre. They presented and demonstrated different modules of the SOUL2.0 software to their library staff. The presentations on the modules were made at the Professor D N Marshall Auditorium and "hands-on" practice were arranged at Computer Lab of the Department of Library and Information Science, University of Mumbai. The programme was attended by 29 Professional staff and 6 teaching staff of the University of Mumbai Library System. The programme was coordinated by Prof. (Mrs) Vijaya Rajhansa. She also distributed the certificates to the participants.

On the request from the university, INFLIBNET organises in-house training programme at their campuses. INFLIBNET deputes faculty for organizing such programmes to the requested universities, where expenses suppose to be borne by the host universities. Universities interested in organizing such programme may contact to Director, INFLIBNET centre.

IN

INFLIBNET Regional Training Programme on Library Automation

Two INFLIBNET Regional Training Programmes on Library Automation (IRTPLA) were organized by the INFLIBNET Centre in collaboration with Hemchandracharya North Gujarat University, Patan and Pt. Ravishankar Shukla University, Raipur. A brief reports of the programmes are given below:

Hemchandracharya North Gujarat University, January 4-8, 2010

The INFLIBNET Centre, Ahmedabad in collaboration with the S.U. Patel Library and Department of Library and Information Science, Hemchandracharya North Gujarat University, Patan organised 5-days IRTPLA from 4th to 8th January 2010 at the University Campus. Dr. M G Patel, In-charge University Librarian and Coordinator of the Programme welcomed the participants and dignitaries. The training programme was inaugurated by Dr. K.K. Shah, Vice Chancellor of the University by lightning the Ceremonial lamp. Dr. Shah was joined by Dr. Jagdish Arora, Director, INFLIBNET Centre, Dr. J.H.

Pancholi, Pro-Vice Chancellor of the University and Dr. B.J. Rathore, In-charge, Registrar of the University. Dr. Shah while inaugurating the training programme appreciated the effort of the INFLIBNET Centre for imparting such training programmes to keep abreast with the technological development. Dr. Arora spoke about the INFLIBNET Activities, its services and future plan for the academic community. The training programme was exclusively devoted to imparting training on the SOUL 2.0. Different modules of the SOUL 2.0 were presented and demonstrated during "hands-on" practice by the INFLIBNET representatives; Mrs. Vaishali Shah, STO-I, Ms. Kruti Trivedi, Project Officer (LS), Sh. Kamlesh Vegad, SOUL Technical Assistant (LS), and Mayur Gohel, SOUL Technical Assistant (CS). Apart from the presentations and demonstrations on the SOUL 2.0 from INFLIBNET representatives, Mr. Shailesh Yagnik, Librarian, MICA, Ahmedabad, Smt. P.J. Patnaik, Librarian, IPR, Gandhinagar, Dr. T.S. Kumbar, Librarian, DAIICT, Gandhinagar, Dr. Manish Pandya, SAC, Ahmedabad, Dr. U.A. Thakar, Prof. & Head,

Dignitaries on the dais of the IRTPLA programme held at Hemchandracharya North Gujarat University, Patan on January 4-8, 2010.

Department of Library and Information Science, S.P. University, Vallabhvidyanagar, Prof. C.N. Rawal, Department of Library and

Information Science, S.P. University, Vallabhvidyanagar delivered lectures on various themes on technological use in libraries and

current trends in library and information sciences. About 34 participants consisting of various college libraries affiliated with Hemchandracharya North Gujarat University, Patan participated in the programme. The programme was concluded with the "happy notes" from the participants. Dr. J.H.Pancholi, Dr. B.J. Rathore, Dr.M.G. Patel and Sh. H.S. Mandalia, Lecturer, Department of Library and Information Science, Hemchandracharya North Gujarat University, Patan were dignitaries present for the concluding.

Pt. Ravishankar Shukla University, Raipur, February 15-19, 2010

The INFLIBNET Centre, Ahmedabad in collaboration with the Pt. Sunderlal Sharma Library and Department of Library and Information Science, Pt.Ravishankar Shukla University, Raipur organised 5-Days IRTPLA Training Programme from 15th to 19th February 2010. The programme was inaugurated by the Chief Guest, Shri S. C. Behar, former Chief Secretary, Govt. of Madhya Pradesh. Prof. S K Pandey, Vice Chancellor, Pt. Ravishankar Shukla University, Raipur presided over the function. Dr. Pravin Sharma, Librarian, Govt. College of Science, Raipur welcomed the participants and dignitaries on the dias. Dr. (Mrs) Indu Anant, Registrar, Pt. Ravishankar Shukla University presented a warm vote of thanks. Dr. Suparna Sengupta, Librarian of the University coordinated the training programme. Dr. Behar, in his inaugural speech, talked about establishing Knowledge Resource Centre in villages of the Chhattisgarh. Prof. Pandey during his presidential address thanked INFLIBNET Centre for supporting and organizing regional training programme. He expressed that the librarians of the colleges will implement the technology while going back to their respective places. There were 28 participants from the colleges affiliated with the Pt. Ravishankar Shukla University, Raipur. Shri. Rajesh Chandrakar, Scientist B, Shri Vijay Shrimali, Technical Assistant (CS) and Shri Kamlesh Vegad, SOUL Technical Assistant (LS) were resource persons from the INFLIBNET Centre. The five-days training programme was devoted to imparting training on SOUL 2.0 software. Presentations and "hands-on" practice were made during the five days training sessions. Apart from the presentations on the SOUL2.0, following presentations were also made:

- Networking Fundamentals – Shri S Verma, Head, Department of IT, NIT, Raipur

- Digital Libraries – Mohammad Imtiaz Ahmed, Assistant Librarian, Pt. Sunderlal Sharma Library, Pt.RSSU, Raipur

- Grievance Management in Libraries – Prof. R P Das, Director, Institute of Management, Pt. RSSU, Raipur

- Open Source Software – Dspace, E-Print/ Greenstone,etc. – Prof. H.N. Prasad, Head, Department of Library and Information Science, Benaras Hindu University, Varanasi

Shri S. Minj, Additional Chief Secretary, Government of Chhattisgarh concluded the training programme. Prof. S K Pandey, Vice Chancellor of the University presided over the function. Dr. B.P.Sahu, Acting Registrar, Pt. Ravishankar Shukla University presented a warm vote of thanks. Shri. Minj distributed certificate of participation to the participants. At the end of the programme, participants performed in the cultural programme. **IN**

Participants of the IRTLPA held at Pt. Ravishankar Shukla University, Raipur

User Awareness Programmes on Access to E-Resources under UGC-Infonet Digital Library Consortium

Bhavnagar University, Bhavnagar, March 5, 2010

The Bhavnagar University, Bhavnagar in collaboration with the INFLIBNET Centre, organised One Day User Awareness Programme on Access to E-resources under UGC-INFONET Digital Library Consortium on 5th March 2010 at Senate Hall of the University. Dr. K. L. Bhatt, Registrar of the University welcomed the guests, dignitaries and participants of the programme. Prof. Bhatnagar, Head, Department of Physics, Bhavnagar University highlighted the objectives of the programme. He also emphasized on the need of such programme. The programme was inaugurated by Dr. B. L. Sharma, Vice Chancellor, Bhavnagar University by lightning the traditional Lamp. Prof. Sharma, in his inaugural speech, appreciated the efforts of the INFLIBNET Centre and appealed the research scholars to derive maximum benefits of the access to e-resources provided by the INFLIBNET Centre to the University under UGC-Infonet Digital Library Consortium Programme. Dr. Jagdish Arora, Director, INFLIBNET Centre, in his presidential address, stated that the bandwidth of the university network would be enhanced to 10 Mbps to enable effective use of e-resources. The inaugural function was concluded with a warm vote of thanks proposed by Dr. Batuk M. Gohel, Librarian, Bhavnagar University and coordinator of the programme.

Dignitaries on the Dais during One Day User Awareness Programme on Access to E-Resources at Bhavnagar University, Bhavnagar on 5th March 2010

Dr. Jagdish Arora, in his keynote address during the technical session, provided overview of the current activities of the INFLIBNET Centre. He focused on objectives and importance of UGC-INFONET Digital Library Consortium. It was followed by Ms. Kruti Trivedi, Project Officer, INFLIBNET Centre, who made presentation on access of e-resources. She explained the best way to access scholarly literature while explaining how to gain maximum benefit from it. During her presentation, she focused on four e-resources, namely JSTOR, Institute of Physics, Royal Society of Chemistry, Portland Press. The publishers or their representatives who made presentations on their e-resources available to the university for access included Informatics (Annual Review & JCCC), Balani Infotech (for SIAM & ACS), Springer, Cambridge University Press, Blackwell-Willey, Globe Publications (MathSciNet, AIP/APS) and Oxford University Press. **IN**

N-LIST: Extending Access to E-Resources to Colleges

IT College, Lucknow, February 8, 2010

The first User Awareness Programme on "Extending Access to E-resources under the N-LIST Programme funded by the National Mission on Education through ICT was organized on 8th February 2010 at the Isabella Thoburn College, Lucknow. 25 college librarians from Lucknow and nearby cities attended the programme. Dr. Rochna Srivastava, Head, Department of Library and Information Science, IT College, co-ordinated the programme. Dr. Jagdish Arora, Director, INFLIBNET Centre made a presentation on N-LIST Programme that provides access to e-resources to colleges including 2,100 e-journals and 51,000 e-books that are covered under Section 12(B)/2(F) of the UGC Act. Dr. Arora, gave detailed demonstration on accessing the e-resources as well as for online registration of colleges through N-LIST website. Dr. Rakesh Srivastava, Chief Librarian, Supreme Court of India was the Chief Guest of the Programme. Dr. Arora's presentation was followed with detailed question and answer session. Shri Srivastava proposed vote of thanks to the Director, INFLIBNET Centre as well as to the authorities at IT College, Lucknow.

Dr. Jagdish Arora, Director, INFLIBNET Centre Presenting on N-LIST at Bhavnagar University on 5th March 2010.

Bhavnagar University, Bhavnagar, March 5, 2010

The INFLIBNET Centre in collaboration with the Bhavnagar University, Bhavnagar organised awareness programme on access to e-resources available to UGC affiliated colleges under the N-LIST Project. Dr. Jagdish Arora, Director, INFLIBNET Centre made presentation on N-LIST (National Library and Information Services Infrastructure for Scholarly Content) to the Principals and Librarians of the Colleges cover under the Section 12B/2F of the UGC Act. Dr. Arora stated that the more than 650 colleges are already getting the benefits of access to more than 2100 e-journals and 51000 e-books. Participants were asked to register in this programme and obtain maximum benefit of access to scholarly content. He also added that the colleges that are not covered under Section 12B/2F of the UGC Act can join as an Associate Member of the Programme. Dr. Batuk M Gohel, Librarian, Bhavnagar University proposed a warm vote of thanks to all participants and guests. The programme was coordinated by Sh. Hemalbhai Pandya, Principal, Shantilal Pharmacy College. Followed by presentation by Dr. Arora, Ms. Kruti Trivedi made a presentation on N-LIST in Gujarati language for the benefits of college librarians.

Dyal Singh Evening College, Delhi, March 19, 2010

The Delhi Library Association in collaboration with INFLIBNET Centre, Ahmedabad organised "National Workshop on Information Literacy and Competency in the UGC-Infonet E-Resoures" at Dyal

Prof. C P Vashisht, President, Delhi Library Association, Dr. Jagdish Arora, Director, INFLIBNET Centre, Dr. Deepak Malhotra, Principal, Dyal Singh Evening College, Dr, Sunil Kumar, Secretary, Delhi Library Association during National Workshop on Information Literacy & Competency in UGC-Infonet Digital Library Consortium

Singh Evening College, New Delhi on 19th March 2010. Dr. Jagdish Arora, Director, INFLIBNET Centre was a Chief Guest for the Workshop. Dr. Deepak Malhotra, Principal, Dyal Singh Evening College presided over the function. He extended a very warm

welcome to the Chief Guest and participants. Prof. C P Vashishta, President, Delhi Library Association briefed about Delhi Library Association and its activities and services. Dr. Sunil Kumar, Secretary, Delhi Library Association and Organising Secretary of the National Workshop proposed a warm vote of thanks. Chief Guest of the Workshop, Dr. Arora made a presentation on proposed N-LIST project which aims at extending access of e-resources to colleges in India. He elaborated about infrastructure, e-resources and its implementation. The workshop was divided into three technical sessions. Dr. Rajesh Singh, Deputy Librarian, Delhi University Library System, New Delhi, Dr. A. Ratnakar, former Librarian, Raman Research Institute, Bengaluru and Shri Rajesh Chandrakar, Scientist B, INFLIBNET Centre, Ahmedabad were resource persons for the Workshop. Afternoon session was dedicated to "hands-on" practice. 70 participants attended the workshop from Delhi, UP and NCR region. Dr Bakshi, Principal, the Dyal Singh Morning College presided over the valedictory function and distributed Certificates to the participations. Mr Jnanedra Narayan Singh, Librarian, Dyal Singh Evening College and Mr Vinod Kumar, Librarian, Dyal Singh Morning College served as Coordinators of the Workshop.

University of Kolkata, March 30, 2010

The Central Library, University of Calcutta, Kolkata in collaboration with the INFLIBNET Centre, Ahmedabad organised Workshop on Access to E-resources to Colleges under UGC-Infonet Digital Library Consortium on 30th March 2010 at the Chandramukhi-Kadambini Sabhagriha, Central Library. The Workshop was inaugurated by Prof. Dhrubajyoti Chattopadhyay, Pro-Vice Chancellor for Academic Affairs, University of Calcutta. Prof. Basab Chaudhari, Registrar, University of Calcutta, welcomed the participants and dignitaries. Dr. Soumitra Sarkar, University Librarian, University of Calcutta proposed a warm vote of thanks to the participants and dignitaries. Shri Abhishek Kumar, Scientist – B represented INFLIBNET Centre as a Resource person of the Workshop. The Workshop

Prof. Dhrubajyoti Chattopadhyay, Pro-Vice Chancellor for Academic Affairs, University of Calcutta Speaking on Inaugural of Workshop on Access to E-Resources to Colleges at the University. Shri Abhishek Kumar, Scientist B (CS), INFLIBNET Centre is also present alongwith Prof. Basab Chaudhari, Registrar, University of Calcutta.

received an overwhelming response from more than 65 Librarians and Principals of the colleges associated with the University of Calcutta attended the workshop. Sh. Abhishek made a presentation

on resources and services of the N-LIST project made accessible to the colleges of the country. **IN**

National Workshop on Digital Content Management (DCM), March 11-13, 2010

The Gujarat University in collaboration with the INFLIBNET Centre, Ahmedabad organised UGC-Sponsored National Workshop on Digital Content Management (DCM) from 11th to 13th March 2010. The Workshop was inaugurated by Dr. Parimal Trivedi, Vice Chancellor, Gujarat University, Ahmedabad. Following staff from the INFLIBNET Centre made presentations on various topics:

◗ Shri Manoj Kumar, Scientist D(CS) on "DCM using Joomla"

◗ Shri Ashok Kumar Rai, Scientist D (CS) on "Introduction to Greenstone followed by hands-on"

◗ Shri Yatrik Patel, Scientist C (CS) on "IR and Digital Archives using Dspace"; and

◗ Shri Rajesh Chandrakar, Scientist B (LS) on "Digital Content Management and Bibliographic Standards".

18 participants attended the workshop including Mrs. Vaishali Shah, STO-I, Mrs. Hema Cholin, STA-I, Ms Seema Chavda, Project Assistant (LS), Mrs. Reshma Panchal, Project Assistant (LS), Ms. Kanchan Chavda, Project Associate (LS) and Mr. Imran Mansuri, Project Assistant (LS) from the INFLIBNET Centre. The workshop was Co-ordinated by Mrs. Geeta Gadhi, Co-ordinator, Department of Library and Information science, Gujarat University, Ahmedabad.

IN

Workshop on SOUL for Library Automation and Networking, IPS Academy, Indore, March 12-14, 2010

The Department of Library Science, IPS Academy, Indore, conducted a Workshop on SOUL for Library Automation and Networking sponsored by INFLIBNET Centre, Ahmedabad from 12th to 14th March 2010. Shri Abhishek Kumar, Scientist B, INFLIBNET Centre along with Shri Vijay Shrimali, SOUL Technical Assistant (CS) and Shri Kamlesh Vegad, SOUL Technical Assistant (LS) represented INFLIBNET Centre. Shri Rakesh Khare, SOUL Coordinator (MP & CS) along with his Technical Assistant were also present for the workshop. 125 participants from different part of the country attended the workshop. Mrs. Sangeeta Paliwal, Librarian, IPS Academy, Indone was a Co-ordinator of the workshop.

IN

Visitors at INFLIBNET Centre

The students of Academic session 2009-10 of Department of Library and Information Science, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat visited INFLIBNET Centre as part of their study tour on 11th February 2010. 60 students and 5 Faculty from the University were part of the visitors at INFLIBNET Centre, Ahmedabad during the reporting period. **IN**

PLANNER 2010, Tezpur University, Tezpur, February 18–20, 2010

The 7th National Convention PLANNER (Promotion of Library Automation and Networking in North Eastern Region)-2010 was jointly organised by the INFLIBNET Centre and Tezpur University at Tezpur during 18th to 20th February 2010 on Re-engineering of Library and Information Services in Digital Era. The convention had three sub-themes Library Automation, Resource Management and Collaborative Resource Generation. Altogether 250 delegates and 35 invitees attended the convention from all over the country.

Dr. Jagdish Arora, Director, INFLIBNET Centre lighting the traditional Lamp at the time of inauguration of the PLANNER 2010

The convention was inaugurated by Prof. BP Sanjay, Vice Chancellor, Tamil Nadu Central University. Prof. Sanjay, in his inaugural address, focused on establishing a balance between digital gadgets and print medium while developing library collections and services. He stressed on mapping user's need by applying state of the art techniques. Prof. Sanjay released the Souvenir of the convention on the occasion. Prof. M.K. Chaudhuri, the Vice Chancellor of Tezpur University presided over the function and, in his presidential speech, emphasized on the optimizing information services as per the needs of the end-users by re-engineering library & information services. He stressed on the importance of gathering factual data on the user's need and expectations towards re-designing library

services. He pointed out the citation analysis can be used as a handy tool for visualizing the usefulness of the resources housed in a library. Earlier, Dr. Jagadish Arora, Director, INFLIBNET Centre introduced the theme of the convention and appreciated the co-operation extended by the professionals of North East India and the other parts of the country. Dr. Mukesh Saikia, Organising Secretary and Deputy Librarian, Tezpur University and Sh. H.G. Hosamani, Scientist B (LS), INFLIBNET Centre delivered the welcome address and vote of thanks, respectively. There was a overwhelming response to call of papers and authors from every parts of the country contributed their articles to the convention. The proceedings covered 50 full-text papers and 11 abstracts. Total that 36 authors turned out of presentation in the convention. There were two pre-convention tutorials held on 18th February 2010 by Shri Yatrik Patel, Scientist C, INFLIBNET Centre Ahmedabad on "SOUL 2.0" and "Creating Institutional Repository using Dspace". 120 delegates attended tutorials. 8 publishers and 11 vendors participated in the exhibition inaugurated by Dr. Jagadish Arora after inauguration of convention.

Delegates of the PLANNER 2010 with the INFLIBNET invitees

Prof. A.S. Chandel, Department of Library and Information Science, North Eastern Hill University, Shilong acted as Convention Director

for 6 technical sessions . The technical sessions were managed by following experts as Chairperson and Rapporteur of the Sessions:

Sessions	Theme	Chairperson	Rapporteur
Session 1	Re-engineering Library Automation	Prof. R.K. Barman	Dr. T Temzen
Session 2	Re-engineering Library Automation	Dr. V. D. Srivastava	Dr. Manoj K Sinha
Session 3	Resource Management Re-defined	Prof. N. N. Sharma	Dr. S.K. Singh
Session 4	Resource Management Re-defined	Dr. M.N. Borah	Shri. Prashant K Deka
Session 5	Collaborative Resource Generation and Access	Dr. I. Majaw	Ms. J. Thabah
Session 6	Collaborative Resource Generation and Access	Dr.Ravi B. Gaddagimath	Shri Hemant Kumar Gohain

Besides, the following experts from library and information sciences were invited to present the theme papers in each of the sub-themes:

Theme 1 : Re-engineering of library acquisitions
Topic   : Re-engineering Library Automation by Dr. Daulat Jotwani

Theme 2 : Resource Management Re-defined
Topic   : Liblivecd by Dr. A.R.D. Prasad

Theme 3 : Resource Management Re-defined
Topic   : Re-defining resource management using semantic technologies by Dr. Devika Mandali

Theme 4 : Collaborative Resource Generation and Access
Topic   : Re-engineering library and information services: people, process and technology by Dr. Ramesh Gaur

Threadbare discussions were held during the deliberations in the technical sessions where challenges faced by the libraries in resources of optimizing the information support to the users particularly in the context of emerging digital information era was discussed.

The panel discussion on the theme of the convention was also held before concluding of the convention. Dr. Jagdish Arora, Directror, INFLIBNET Centre, Dr. S. Mazumdar, Librarian, Delhi University Library System, Dr. Daulat Jotwani, Librarian, IIT Mumbai, Prof A.S. Chandel and Prof. I. Majaw, Noth Eastern Hill University, Shilong, Dr. Ravi Gaddagimath, Librarian, Gulbarga University, Dr. V.D. Srivastava, Librarian, IIT Kanpur, Sh Prem Chand, Librarian, IIAS Shimla and Prof. N. Lahkar, Department of Library and Information Science, Gauhati University participated in the discussion.

Prof. Narendra Lahkar, Department of Library and Information Science, Gauhati University, Guwahati was the Rapporteur General of the Convention. The major recommendations emerged during the deliberations of the convention are followed :

- to formulate elaborate guidelines and standards for re-engineering library and information services in digital era;

- to workout guidelines and norms for collaborative generation and organizations of resources, policy for e-resources acquisition and management;

- to establish a Nodal centre of INFLIBNET at North Eastern Region in order to address certain unique problems pertaining to automation and networking and re-engineering of library services in the region;

- to plan and propose a regional library network in NE region for mutual benefit in addition to resource sharing with other national network and consortia;

- to setup interoperable institutional repositories and digital libraries in NE region in order to share their resources at regional as well as at national level; and

- INFLIBNET Centre, in collaboration with LIS professionals in NE Region should provide technical and financial support in infrastructure development, imparting training in setting up of IRs and all other related activities.

The convention concluded with valedictory function in which proceedings of the convention was summarized by Prof. Narendra Lahkar, Rapporteur General of the Convention. Prof. A.S. Chandel, Convention Director appreciated the efforts made by concerned persons in Tezpur University and the INFLIBNET Centre for bringing library and information professionals of North Eastern Region along with the other parts of the country together to discuss their common problems relating to re-engineering of library and information services in digital era. Prof. A.K. Buragohain, Registrar, Tezpur University chaired the session on behalf of Vice Chancellor, Tezpur University. Dr. Mukesh Saikia and Sh. H.G.Hosamani delivered vote of thanks on behalf of their institutions, respectively, to the delegates, office bearers and dignitaries. The delegates thanks Tezpur University and INFLIBNET Centre for organizing this event at Tezpur. IN

Topics on Cutting-Edge Technology in LIS

Shri Manoj Kumar K, Scientist D (CS) of the Centre is looking after the UGC-Infonet Network and iETD (Indian Electronic Theses and Dissertations) of the Centre. The Internet connectivity given to the universities is being enhanced from 512 Kbps to 2 Mbps to 10 Mbps with switching over of Internet Service Provider from ERNET to BSNL. Sh. Manoj in this article entitled "UGC-Infonet 2.0 and National Knowledge Network (NKN)" explains the shift from ERNET to BSNL. Sh. Manoj Kumar can be contacted at manoj@inflibnet.ac.in for further details about the initiative.

Knowledge based economy is the key element for the development of a nation which has to be built from the sharing of information and knowledge in proper manner. In order to share and flow the knowledge among academic Institutions and researchers, proper networks are required. Connectivity is a crucial issue to be addressed for information sharing. Many ISPs have come up with various technological solution to address the issue such as Broad Band, RF based, MPLS VPN, Wireless (Wi-Fi and Wi Max) . Even though seamless access to resources without any interruption still remains as a dream. Interaction and sharing are important paradigms for quality education and Innovation, National Knowledge Network (NKN) and extension of NKN to individual Institutions through NME-ICT, would act as Catalysts.

India has experienced with many networks for the above purpose. Some of the popular networks are

1.   NICNET (Government Information)
2.   ERNET (Education)
3.   ARUDA (Grid Computing)
4.   ANUNET
5.   SPACENET
6.   SWANs (35 in number)
7.   UGC Infonet (180 plus universities)

Each one covers a specific application domain like UGC INFONET 2.0 also uses BSNL backbone for the UGC Infonet 2.0 project for sharing e-resources especially e-journals to research scholars in university sector. The UGC-INFONET mainly provides Internet bandwidth, a pre-requisite for delivery of scholarly content subscribed through the UGC-INFONET Digital Library Consortium. The scheme has now been extended to 180+ Universities covered under UGC and 6 Inter-University Centres of the UGC.

UGC Infonet was launched in 2002 as an ambitious programme of UGC to interlink all the Universities in the country with state-of-the-art technology. Initially the network was consisted of judicial mix of all technology to reach remote locations which used VSATs (BB VSAT, SCPC VSAT, DAMA VSAT, etc), RF links, Leased Line, etc. which was executed by ERNET on a turn key basis. To keep abreast with technology, other newer technological solutions were also used and bandwidth was upgraded from 64 Kbps on VSAT to 2 Mbps with dedicated leased circuits.
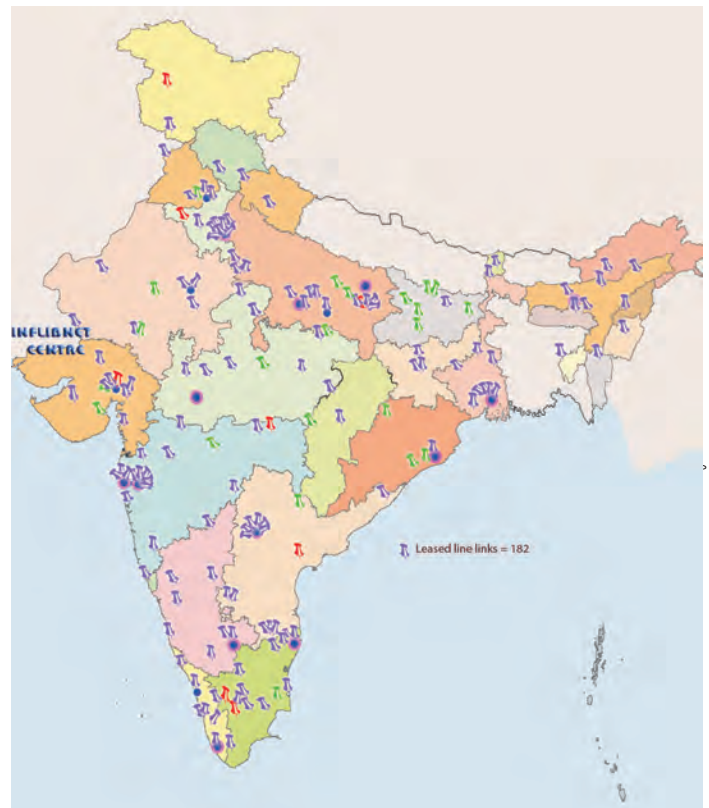
The Network is being switched to BSNL backbone w.e.f 1st April 2010 and renamed as UGC Infonet 2.0. On the new scheme 10 Mbps (1:1) Leased line is being established in 180 plus universities by using Fiber in many places to provide Internet Services.

INFLIBNET is responsible for executing and monitoring the entire project.

UGC Infonet 2.0 is laid on Fiber backbone of BSNL network which covers almost 614,755 Rkm of OFC Cable and 50,430 Rkm of Microwave Network connecting 602 Districts, 7,330 cities/towns and 5.6 Lakhs villages in India. Any university covers under the 12B/2F Section of the UGC Act can join UGC Infonet 2.0 by requesting INFLIBNET Centre in prescribed format.

Forms are available at the UGC Infonet web site (www.inflibnet.ac.in/infonet). Bandwidth test such as download/upload speed, latency, jitter delay, etc. are also made part of the UGC Infonet 2.0. 32 IP addresses are allocated to Universities to host their content and also authenticate access to e-resources as part of UGC Infonet Digital Library Consortium. Finally this network will subsumed to National Knowledge Network once implemented. Details of NKN and NME-ICT which is also part of the overall development of network, are given below. As part of UGC Infonet 2.0, BSNL would provide the following facilities:

◗ 10 Mbps (1:1) Internet leased line (with provision of 4/6/8 Mbps initially depending on feasibility), scalable upto 50 Mbps (1:1)
◗ NTU and router for Internet connectivity.
◗ 24x7 NOC support for maintenance of Internet Leased lines.
◗ Add on facility like web hosting, video conferencing & Broadband– VPNoBB
◗ Single window access for all type activity.
◗ Escalation matrix for removal of fault for all location
◗ Service support at district HQ live.
◗ 24x7 NOC support for maintenance of Internet Leased lines.

Once NKN is established in universities, UGC Infonet would take new format to utilise the network effectively for sharing and dissemination of academic content using latest technological tools.

NKN Preamble

As per the report submitted to Ho'ble Prime Minister of India by National Knowledge Commission, it is envisaged that the key to successful research today demands live consultations, data and resource sharing. Towards this end, NKC has recommended the establishment of a high-end National Knowledge Network connecting all our knowledge institutions in various fields and at various locations throughout the country, through an electronic

digital broadband network with Gigabit capacity. The recommendation has strongly emphasised on building a National Knowledge Network with Gigabit capabilities to connect all universities, libraries, laboratories, hospitals and agricultural institutions to share data and resources across the country. For this purpose around 5,000 nodes covering all major institutions are to be connected with actual implementation in various phases targeting 500 to 1,000 nodes in the first phase.

NKN Objective

The Objective of NKN is to build a Network like National Highway to enable different initiatives to leverage the common infrastructure.

There are many applications and services which require high bandwidth such as.

◗ Virtual Laboratories
◗ Collaborative Mega Science Projects
◗ Innovative Info-Bio-Nano Experiments
◗ Non-invasive Medicare for Diseases like Cancer
◗ Diagnostic Domes as Public Health Centers in Rural Areas
◗ Country-wide Classroom
◗ University without Walls
◗ Voice Conferencing among Researchers
◗ Video Conferencing among Researchers
◗ On-line access to multimedia based Electronic Resources

The objective of the National Knowledge Network is to bring together all the stakeholders in Science, Technology, Higher Education, Research & Development, and Governance with speeds of the order of Gigabits per second coupled with extremely low latencies; through PoPs in the respective institutions/ organisations. NKN will interconnect all institutions engaged in research, higher education and scientific development in the country, over a period of time. The output of the project will be a high capacity countrywide Infrastructure at education & research Institute level, which will be available 24x7 to support education and research application, and other application as envisaged by these institution which require very high bandwidth.

As per the statement of Dr. B K Murthy who is coordinating NKN from Ministry of IT, Govt of India, the outcome of the project in difficult to quantify. The NKN will facilitate the knowledge sharing, collaborative research, countrywide classrooms (CWCR), etc. and help the country to evolve as Knowledge Society. This will also contribute in socio-economic activities of the country indirectly.
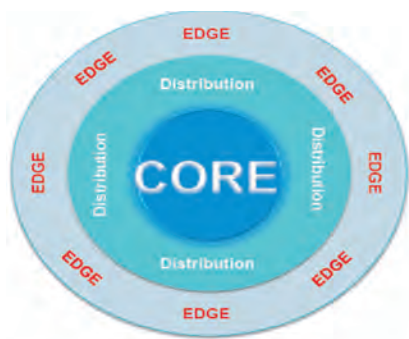
Design Philosophy and Features of NKN

The design philosophy & NKN is to build a scalable network, which can expand both in the Reach (spread in the country) and Speed and to act as a common Network Backbone like national highway, wherein different categories of users shall be supported.

The Features includes providing high Capacity, highly Scalable Backbone, Provide Quality of Service (QoS) and Security on the Networks, cover wide geographical Coverage, build a common standard platform by hiring/merging bandwidth from Many NLD's with highly Reliability and also create test beds for various implementation on dedicated or/and Owned Network.

During 2008-09, Rs. 100 crore was allocated for the National Knowledge Network (NKN) which proposes interconnecting all knowledge institutions in the country with Gigabit capabilities, for sharing resources and research. A High Level Committee (HLC) constituted by the Department of Information and Technology (DIT), under the chairmanship of the Principal Scientific Adviser, was set up to operationalise the network. The design of NKN was prepared by a Technical Advisory Committee set up by the HLC, and the initial implementation is being managed by NIC (under DIT).

NKN Architecture

The NKN architecture consist of a CORE using Internet Protocol (IP) and Multi-Packet Labeled Services (MPLS) technology, an Aggregation or Distribution network, and an Access or Edge network linking the institution's local area network (LAN) to the Core as shown in the figure given below. The Core network could be a single hierarchy or a two-stage knowledge network with a high speed network at the top to accommodate architecture flexibility and security concerns in a VPN-based Internet Protocol-Multi Protocol Label Switching (IP-MPLS) network.

In the initial phase of NKN, following projects have been taken up and their status are as follows (as on Jan 2010) :

◗ Up-gradation of the NICNET PoPs at 15 locations to handle gigabits of speed has been completed in December 2008. The locations are: Delhi (Delhi), Chandigarh (UT), Jaipur Pradesh), Bhopal (Madhya Pradesh), Kolkota (West Bengal), Bhubaneswar (Orissa), Mumbai (Maharashtra), Chennai (Tamil Nadu), Guwahati (Assam), Thiruvananthapuram (Kerala), Bengaluru (Karnataka), Lucknow (Uttar Pradesh).

◗ Creation of minimum infrastructure at 40 Institutions (out of 57 Institutions) to connect to NKN have been completed. The Institutions includes: IIT-Gandhinagar (Gujarat), IIT-Mumbai (Maharashtra), TIFR Mumbai (Maharashtra), BARC Mumbai (Maharashtra), IIIT-Hyderabad (Andhra Pradesh), IIT-Patna (Bihar), VECC Kolkotta (West Bengal), IIT Kharagpur (West Bengal), IIT-Chennai (Tamil Nadu), IGCAR, Delhi (Delhi), IIT-Guwahati (Assam), IMTEC (Chandigarh), IITM-Pune (Maharashtra), CDAC Pune (Maharashtra), IGIB- JNU (Delhi), IGIB-Okhla (Delhi).

◗ Six virtual classrooms (out of 50 Virtual classroom) over NKN have been established at six IITs [Chennai (Tamil Nadu) - Hyderabad (Andhra Pradesh), Mumbai (Maharashtra) - Gandhinagar (Gujarat), Guwahati (Assam) - Patna (Bihar)].

The initial phase of National Knowledge Network (NKN) was inaugurated by H.E. Smt. Pratibha Patil, Honorable President of India on April 9, 2009 at Rashtrapati Bhavan. The final phase of NKN is at an advanced stage of planning, design and cost estimation. The network final phase is ready for roll out and is awaiting launch. As mentioned, the network would be operationalised in two phases. The core and distribution network covering 1000 nodes with Gigabit capacity would be set up in the first phase and this process has already started. The network is scalable and coverage can grow up to 10,000 nodes/institutions. Institutions across the nation will be connected to various PoPs located in major Cities, State Capitals etc. Level-1 POP (Point of Presence) Centre located in major cities like New Delhi, Mumbai, Kolkata, Chennai etc. Level-2 POP are located in all State capitals and in other cities. Level-1 POP connected institutions can reach another Institution in 2 hops and cities like Kohima can reach any where in India in 4 hops. In this way an MPLS Grid is morphed for all the network with VPN. INFLIBNET Centre is already connected with a node, but right now used for UGC Infonet 2.0. When all Institutions are connected to NKN, UGC Infonet connected Institution will be migrated to NKN and the UGC-Infonet will take another format to support universities in better utilisation of NKN. NKN would also support E-Governance as per the XI plan projection which will add Data Centre and Network State wide. The XI Plan envisages the creation of core infrastructure such as SWAN (State Wide Area Network), Common Service Centres (CSCs) and

State Data Centres (SDCs) for creation of a common service delivery platform SWAN has been implemented in 6 states/ UTs

New Delhi, Mumbai and Kolkata Together
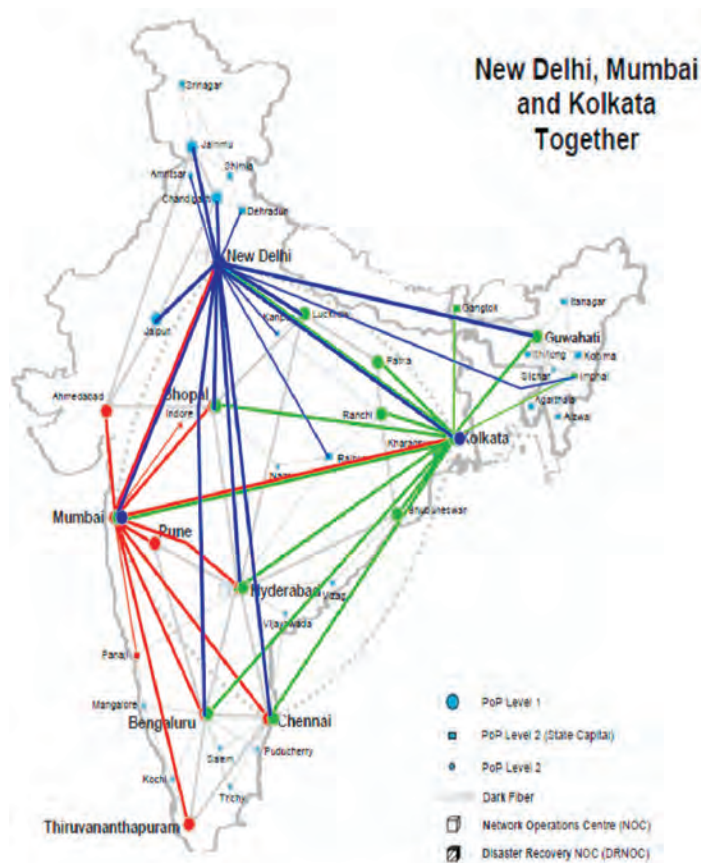
till date and in 18 states implementation is in process.

Till date SDCs have been approved for 26 states by the Government. Under the approved CSC scheme which envisages establishing over 100,000 CSCs across India, 20,558 CSCs have been rolled out. The process for roll out for another 250,968 CSCs has also been initiated.

National Mission on Education through ICT (NME-ICT)

Under the Mission, computer infrastructure and connectivity will be given to 419 Universities and more than 18,000 colleges in the country including each department of nearly 400 universities, deemed universities and institutions of national importance. In addition to utilising the connectivity network of BSNL, MTNL, Powergrid, Railtel and other providers, the mission will explore the possibility of providing connectivity utilising other technologies, if required, such as Very Small Aperture Terminal (VSAT), VPN and EDUSAT channels.

The objectives of the National Mission on Education through ICT

personalized needs of the learners; b) research in the field of pedagogy for development of efficient learning modules for disparate groups of learners; c) standardization and quality assurance of content to make them world class; d) building connectivity and knowledge network among and within institutions of higher learning in the country with a view of achieving critical mass of researchers in any given field; e) availability of knowledge content, free of cost to Indians; f) spreading digital literacy for teacher empowerment; g) experimentation and field trial in the area of performance optimization of low cost access/devices for use of ICT in education; h) providing support for the creation of virtual technological universities; i) identification and nurturing of talent; j) certification of competencies of the human resources acquired either through formal or non-formal means and the evolution of a legal framework for it; and k) developing and maintaining the database with the profiles of our human resources.

Providing connectivity to the colleges, institutions and universities is a key component of the NME-ICT, so that the high quality e-content could be reached to the teachers and students of these educational organisations. The connectivity under NME-ICT would seamlessly integrate with the National Knowledge Network (NKN).

Under the NME-ICT Scheme, it is ensured that every university gets from BSNL, an optical fiber connectivity of one Gbps to National Knowledge Network at one time cost of Rs. 2.00 crore, out of which 25%, i e. Rs 50.00 lakh (10% i.e. Rs .20 lakhs in the case of North-Eastern Region) will have to be provided upfront by each university to BSNL as the remaining 75% (90% in the case of North-Eastern Region) would be provided centrally to BSNL by the Central Government. This would take care of connectivity charges for a period of 10 years. In addition, it is also ensured that each college gets a Virtual Private Network [VPN] of 10 Mbps [20 Nodes of 512 kbps; each or lesser Nodes of proportionately higher Kbps] from BSNL at an annual cost of Rs. 5000/- per Node [i.e. Rs. 1.00 lakh for 20 Nodes] out of which 25% payment, i.e. Rs. 2500/- per year (10% i.e. Rs.10,000/- in the case of North-Eastern Region) for a college will have to be made to BSNL directly, as the other 75% (90% in case of North-Eastern Region) is being centrally provided by the Central Government.

While 1 Gbps connectivity to NKN for 10 years and 400 node LAN for each of the Universities in the Country has been envisaged under NME-ICT at 25% cost to the Universities, to begin with the colleges and institutes, BSNL officials will be providing 10

connections of 512 Kbps VPN over BroadBand for unlimited use, with Internet connectivity, to each of the colleges institutions recognised under section 12-B of the UGC Act, cost of this connectivity by paying their contribution directly to BSNL. The total financial burden on each college institution on account of this level of connectivity would not exceed Rs. 15,000/- in a financial year. Rest 75% cost would be borne by NME-ICT by making direct centralised payment to BSNL. As an institution / college starts using more and more of bandwidth, the number of connections to those active users would gradually be enhanced to upto 20 connections per institution. With a view to encouraging BSNL to bring at its cost, optical fibre to as many colleges/ institutions as possible. Colleges/institutions are also expected consider providing some space for setting up a mobile tower in their campuses.

Conclusion

While addressing the Nation on the launch of NME-ICT, Hon'ble President of India envisaged free connectivity to each citizen as a right and national priority and make it part of essential infrastructure to all Indians. Connectivity will no longer be barrier for accessing valuable resources for research and academic purpose. The INFLIBNET Centre has already joined the movement and will act as a catalyst for academic community to get seamless access to resources and information.

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   Ministry of Communications and IT Govt. of India, August 26, 2009.
3) Welcome to 10,000,000,000 bits per Second by Prof Raghavan,
4) National Knowledge Commission : Report to the Nation (2006-2009)
5) NME-ICT Mission Document

IN

Seminar on Preparing New Generation Librarians for Meeting Future Challenges

The Ahmedabad Library Network (ADINET) and the INFLIBNET Centre in association with AMA is organising a one day Seminar on Preparing New Generation Librarians for Meeting Future Challenges at AMA, Ahmedabad on Saturday 7th August 2010. The sub-themes of the seminar are as below:

◗ Future of Libraries & Librarians;
◗ Technology Trends in Libraries;
◗ Innovative Services, Processes & Practices;
◗ Role of Library Science Schools; and
◗ Case Studies of Libraries Providing Services with Minimum Resources.

The Information and Communication Technology (ICT) field is growing and changing rapidly. New Tools, Techniques & Search Engines based on the ICT changes are being developed. Hence to keep abreast of these skills, various programmes such as workshops, seminars, training programmes, distance education, e-learning, etc. are required to be conducted.

Owing to electronic publishing, documents can be searched and instantly accessed from any part of the world. This enables librarians to serve their clientèle in a global learning and information environment. Librarians will need to acquire new skills for the digital age in all library work, be it acquisition, processing, storage, preservation, access or to manage digital content.

Since the free Open Access Movement has been firmly established, there is growing collaboration and cooperation at the international level. What is needed is to create a culture of cooperation at the national and local levels.

It is essential to transform the libraries according to need of the modern society and to play a pivotal role in vital foundation of a knowledge society. This will enable librarians to play a meaningful role in a knowledge based society and to be in the mainstream for learning and for overall growth and development.

For more details please see the ADINET website www.alibnet.org

Interested participants are requested to submit their papers for the Seminar before the end of May 2010. IN

Republic Day Celebration at INFLIBNET Centre

Dr. Jagdish Arora, Director addressing the staff members and their family. Shri Manoj Kumar K and Shri Ashok Kumar Rai, Scienstist D (CS) of the Centre are also present.

The INFLIBNET Centre celebrated 62nd Republic Day on Tuesday, 26th January 2010. The National Flag was hoisted by Dr. Jagdish Arora, Director of the Centre and thereafter he addressed the gathering regarding the activities of the Centre. Staff members with their family attended the function. A number of games were organized for staff and their children during the event. **IN**

Children of the INFLIBNET staff playing musical chair

Staff News

ICDL2010 at TERI, New Delhi, February 23-26, 2010

Dr. Jagdish Arora, Director, INFLIBNET Centre delivered invited talk on N-LIST during the International Conference on Digital Library (ICDL) 2010 held at the TERI, India Habitat Centre, New Delhi from 23rd to 26th February 2010. Dr. Arora was also a nominated Member of the National Advisory Committee of the ICDL 2010. Shri Rajesh Chandrakar, Scientist B (LS) of the Centre also presented the paper entitled "Open Access and INFLIBNET's Initiative for Indian Scholarly Contents" which was jointly written with Director, INFLIBNET Centre.

UGC Sponsored National Workshop at Sarojini Naidu College, Bhopal, February 1-5, 2010

Dr. Jagdish Arora, Director, INFLIBNET Centre was invited to deliver a keynote address on National Workshop on Building Digital Libraries Using Open Source Software on 1st February 2010. Dr Arora delivered a keynote address on National Library and

Dr. Jagdish Arora, Director, INFLIBNET Centre presenting on N-LIST during National Seminar Cum Workshop at Sarojini Naidu Government Girls PG College, Bhopal on 1st February 2010

Information Services Infrastructure for Scholarly Content (N-LIST). Shri Rajesh Chandrakar, Scientist B of the Centre was also invited as a Resource person for the five days workshop from 1st to 5th February 2010. Shri Chandrakar delivered a lecture on Open Source Digital Library Software and made presentation & demonstration on Greenstone Digital Library Software and Dspace alongwith two more faculty members of the workshop.

Sh. H G Hosamani

Shri H G Hosamani, Scientist B was invited to deliver lectures on UGC-sponsored 9th Refresher Course in Library and Information

Science organised by the UGC Academic Staff College, Dr Babasaheb Ambedkar Marathwada University, Aurangabad on 2nd to 23rd January 2010. Shri Hosamani delivered lectures on "INFLIBNET activities and Services" and "UGC-Infonet Digital Library Consortium".

Sh. Hosamani was also invited to attend meeting of the World Bank Depository Librarians at Indian Institute of Management, Ahmedabad on 16th March 2010. The meeting was related with the extension of World Bank Depository activity and to update on World Bank information services to Indian librarians of the world bank funded institutes and universities.

Sh. Rajesh Chandrakar

Shri Rajesh Chandrakar was invited to deliver lectures on Refresher Course at Devi Ahilya Vishwa Vidyalaya, Indore on 20 and 21 Janu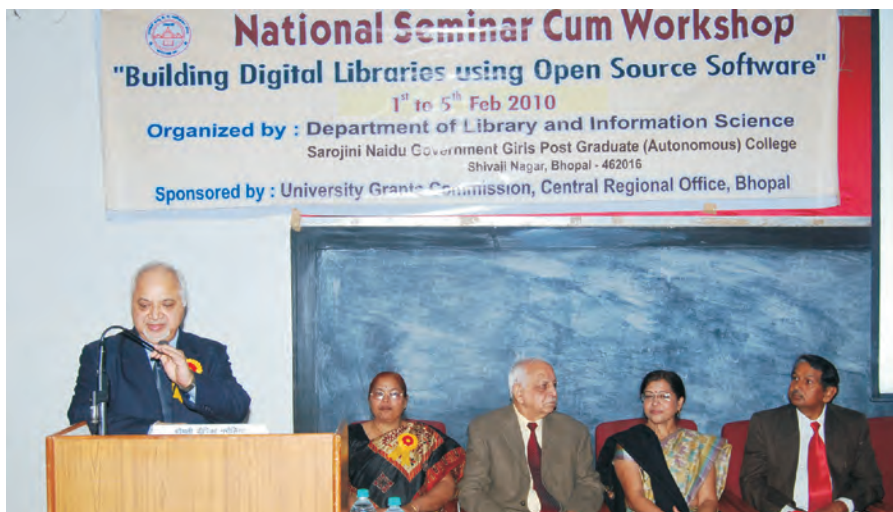ary 2010. Shri Chandrakar delivered lectures on "SOUL 2.0", "Formats, Standards and Protocols", "Open Source Initiative in India", and "Open Access in India".

Shri Chandrakar was invited to attend the Training Programme on Standardization for Organizations Developing Standards by Bureau of Indian Standards (BIS), New Delhi at National Institute for Training for Standardization (NITS), Noida from 10th to 11th March 2010. Shri Chandrakar is the first library professional who attended such training programme of BIS on BIS invitation.

Shri Chandrakar is a Review Committee Member for "Supply and Installation of RFID based Library Management Software on turn key basis at National Law Institute University, Bhopal, M.P."

Sh. Abhishek Kumar

Shri Abhishek Kumar, Scientist B (CS) delivered lecture on SOUL 2.0 at Workshop on Application of Computer in Libraries held at Manipur University Library, Imphal jointly organised by Manipur University and National Library, Kolkata from 24th to 26th March 2010. The workshop was attended by 250 participants consisting of librarians, teachers, officers, research scholars, students and social workers from Manipur and neighboring states Assam, Mizoram and Nagaland. Shri Abhishek also demonstrated the installation of SOUL 2.0 and different modules and its feature to the participants. Shri Abhishek also converted old data of SOUL into the SOUL 2.0 during his visit to the Manipur University. IN

NLIST : Extending e-Resources to colleges in India http://nlist.inflibnet.ac.in

Invitation to Colleges to Join N-LIST Programme to Get Access to E-Journals and E-Books

The MHRD, under its National Mission on Education through ICT, has initiated N-LIST Programme to provide access to more than 2,100 E-Journals and 51,000 E-Books to colleges covered under 12 (B) / 2 (F) Section of the UGC Act. The N-LIST Programme was dedicated to the Nation by Hon'ble Union Minister of HRD Shri Kapil Sibal on 4th May 2010.

Resources Subscribed for the Colleges

Sr. No.	Resources from Publisher	No. of Titles
E-journals		
1	American Institute of Physics	18 titles
2	American Physical Society	10 titles
3	Annual Reviews	33 titles
4	Cambridge University Press	224 titles
5	Economic and Political Weekly	1 titiles
6	Indian Journals.com India	150 titles
7	Institute of Physics	46 titles
8	Oxford University Press	206 Titles
9	Royal Society of Chemistry	29 titles
10	Wilson Omnifile	1,420 titles
11	MathSciNet	Bibliographic Database

E-books		
1	Ebrary	45,100 titels
2	Myilibrary-McGraw Hill	1,308 titles
3	Oxford Scholarship	902 titles
4	NetLibrary	936 titles

Eligibility / How to Join?

Faculty, staff, students and researchers from colleges covered under the 12 (B) / 2 (F) Section of the UGC Act are eligible to access e-resources through the NLIST project. Colleges, desirous of accessing e-resources, are required to register themselves with the N-LIST. All eligible colleges are invited to visit N-LIST website (http://nlist.inflibnet.ac.in) and register online.

> Note: Registered member colleges are required to pay Rs. 5,000.00 (Rupees Five Thousand Only) as annual membership fee by bank draft in favour of "INFLIBNET-NLIST Account" payable at Ahmedabad.

For further details/queries, please contact

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Request to Research Scholars / Librarians for Submitting ETDs to INFLIBNET ETD Repository

The Indian Electronic Theses and Dissertations (iETD) is a digital repository set-up by the INFLIBNET Centre for hosting electronic version of full-text of theses and dissertations submitted by the research scholars or universities as per the UGC Notification (Minimum Standards & Procedure for Award of M.Phil. / Ph.D Degree, Regulation, 2009) where-in the responsibility for maintaining the digital repository of Electronic Theses and Dissertations (ETDs) is assigned to INFLIBNET Centre, Ahmedabad.

Theses submitted to the ETD Repository would be available in open access to the scholarly community world-wide 24x7x365.

Salient Features

- Full-text ETDs available
- University's academic structure is maintained in the repository for communities and collections
- Research scholars can submit their thesis in the repository on voluntary basis
- Research scholars / representatives of the universities can register online (prior to submission of theses)
- Universities can send electronic version of theses submitted in previous years for hosting them in iETD Repository
- Multiple search options available
- iETD Repository is set-up using Open Source Software, DSpace, with in-house developed ingestion system
- Harvesting of metadata from other ETD site being implemented

- Incentives to universities in the form of grants for digitization of their theses and dissertations

Submission Process

- Register online at http://ietd.inflibnet.ac.in/ietd/Login.
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Dr. Jagdish Arora

Director, INFLIBNET Centre

An Inter University Centre of University Grants Commission

Opp. Gujarat University Guest House

Post Box No. 4116, Navrangpura

Ahmedabad – 380 009, Gujarat, INDIA

e-mail: director@inflibnet.ac.in or ietd@inflibnet.ac.in

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E-Resources Subscribed Under UGC INFONET Digital Library Consortium

SI. No.	Electronic Resources	URL	No. of Jrnls.	No. of Univ.
Full-text Resources				
1	American Chemical Society	http://www.pubs.acs.org/	37	101
2	American Institute of Physics	http:// www.scitation.org/	18	104
3	American Physical Society	http:// www.scitation.org/	10	104
4	Annual Reviews	http://arjournals.annualreviews.org/	33	101
5	Blackwell-Wiley	http://www3.interscience.wiley.com/	489	75
6	Cambridge University Press	http://journals.cambridge.org/	224	110
7	Cell Press (Elsevier)	http://www.sciencedirect.com/	34	57
8	Economic & Political Weekly	http://epw.in/	1	All
9	Emerald – Lib. Sci.	http://www.emeraldinsight.com/	29	67
10	Institute of Physics	http://www.iop.org/EJ/	46	114
11	JSTOR	http://www.jstor.org/	1401	101
12	Nature	http://www.nature.com/	1	56
13	Oxford University Press	http://www.oxfordjournals.org	206	85
14	Portland Press	http://www.portlandpress.com/pp/ default.htm	8	57
15	Project Euclid	http://projecteuclid.org/	22	57
16	Project Muse	http://muse.jhu.edu/journals	411	101
17	Royal Society of Chemistry (RSC)	http://www.rsc.org/Publishing/Journals/	29	104
18	SIAM Journals	http://epubs.siam.org/	14	57
19	Springer Link	http://www.springerlink.com/	1389	125
20	Taylor & Francis	http://www.informaworld.com/	1365	94
Bibliographic Databases				
21	JCCC	http://jccc-infonet.informindia.co.in/		All
22	MathSciNet	http://www.ams.org/mathscinet		50
23	ISID	http://isid.org.in/		All
24	SciFinderScholar	http://www.cas.org/SCIFINDER/ SCHOLAR/index.html		21
25	Web of Science (through NLIST Programme)	http://www.isiknowledge.com/		50
26	RSC Databases (6 Databases)	http://www.rsc.org/		104

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पाठक और लाइब्रेरियन के बीच समस्याएं

रायपुर। व रविशंकर शुक्ल विश्वविद्यालय में ग्रंथालय स्वचालन पर आयोजित कार्यशाला के तीसरे दिन ग्रंथालय प्रबंधन व सोल सॉफ्टवेयर पर व्याख्यान दिया गया।

रविवि में मैनेजमेंट हेड आरपी दास ने प्रतिभागियों को ग्रंथालय प्रबंधन पर व्याख्यान दिया। उन्होंने कहा कि पाठक के साथ एक लाइब्रेरियन को कई तरह की समस्याओं का सामना करा पड़ता है।

इन समस्याओं में कई बार मैनेजमेंट के नियम आड़े आ जाते हैं। इसके चलते पाठक और लाइब्रेरियन के संबंध में तनाव आता है। श्री दास ने उदाहरण देते हुए प्रतिभागियों को बताया कि ग्रंथालय के नियम के मुताबिक पुस्तकें केवल उन्हीं पाठक को दी जाएगी जो ग्रंथालय का सदस्य हो या उसके पास ग्रंथालय द्वारा

इसके अलावा किसी भी व्यक्ति को पुस्तक देने का निगम किसी... कोई व्यक्ति परीक्षा के... पुस्तक देने की माग करता है और उस व्यक्ति के पास लाईब्रेरी कार्ड नहीं तो इस परिस्थिति में उस व्यक्ति को पुस्तक नहीं दी जा सकती है। इसके बाद भी उस शख्स द्वारा दबाव पूर्व पुस्तक की माग करता है तो इन परिस्थितियों में पाठक के और लाइब्रेरियन के बीच तनाव उत्पन्न हो जाता है। इस दौरान प्रतिभागियों ने भी प्रश्न पूछकर अपनी जिज्ञासाओं को शांत किया। अहमदाबाद से आए राजेश चंद्राकर ने प्रतिभागियों को सोल सॉफ्टवेयर के बारे में बताया। उन्होंने सॉफ्टवेयर के उपयोग व डाटा एंट्री के बारे में जानकारी देते हुए किताबों की एंट्री करने व जारी करने के तरीकों से...

रविवि में ग्रंथालय स्वचालन पर कार्यशाला

लायब्रेरी होंगी कम्प्यूटरीकृत

◆ नगर प्रतिनिधि

रायपुर। बदलते परिवेश में कम्प्यूटर के माध्यम से लायब्रेरी के आधुनिकीकरण की जरूरत को देखते हुए पं. रविशंकर शुक्ल विश्वविद्यालय में चार दिनी कार्यशाला का आयोजन किया गया है जिसमें 29 लायब्रेरियन यहां ले रहे है।

यह पहली मौका है जब रविवि में इसका आयोजन किया गया। लायब्रेरियन डॉ. सुरेश सोनगुप्ता ने बताया कि यूजीसी ने लायब्रेरी को उन्नत बनाने के साथ सॉफ्टवेयर विकसित किया है। इसकी जानकारी यहां दी जा रही है।

चार दिनी कार्यशाला

डिजिटल लाइब्रेरी में रख सकेंगे महंगी किताबें

◆ नूतन कॉलेज में डिजिटल लायब्रेरी पर कार्यशाला

भोपाल (म.प्र.) किताबें ज्ञान का सबसे बड़ा स्त्रोत है, लेकिन...

पीपुल्स समाचार
पढ़िए 51 हजार किताबें ऑनलाइन

नूतन कॉलेज में सोफिया कॉलेज द्वारा प्रायोजित 'बिल्डिंग डिजिटल लाइब्रेरीज यूजिंग ओपन सोर्स सॉफ्टवेयर' पर पांच दिवसीय कार्यशाला एवं संगोष्ठी का उद्घाटन हुआ।

कार्यशाला में मुख्य अतिथि के रूप में बीयू के कुलपति बीके मिश्रा...

आसानी से उपलब्ध होंगी महंगी पुस्तकें

नूतन कॉलेज में 'बिल्डिंग डिजिटल लाइब्रेरी यूजिंग ओपन सोर्स सॉफ्टवेयर' विषय पर पांच दिवसीय कार्यशाला शुरू

कार्यक्रम कुलपति डॉ. पीके मिश्रा ने कहा...

ऑटोमेशन कार्यशाला ने लाइब्रेरियनों में जगाई उम्मीद

छत्तीसगढ़ संवाददाता
रायपुर, 19 फरवरी। रविशंकर विश्वविद्यालय में लड़को ऑटोमेशन पर केंद्रित पांच दिवसीय कार्यशाला ने पढ़ाई क्षेत्र सहित ग्रामीण क्षेत्रों में परउस लाइब्रेरियनों के मन में उम्मीद की किरण जगा दी है।

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