DIRECTOR'S REPORT

2016-2017

delnet

DEVELOPING LIBRARY NETWORK
JNU Campus, Nelson Mandela Road
Vasant Kunj, New Delhi-110070, India

I INTRODUCTION

The journey of DELNET and its endeavors for library networking started almost 25 years ago. I am glad to inform you that DELNET will be completing 25 years on June 30, 2017 and will be celebrating its Silver Jubilee Year with a number of programmes across the country throughout the year. When DELNET was conceptualized in 1988 and registered as a Society in 1992 never did we not know that it will spread its wings across the country and outside at national and global levels for networking libraries. It has metamorphosed from a city based network DELNET – Delhi Library Network to DELNET – Developing Library Network connecting nearly 6,000 libraries in 32 States in India and eight other countries. The ICT and the Web have made tremendous impact on the very functioning of libraries during the last 25 years. We at DELNET have been witnessing the changes and challenges with great alacrity in order to see how we could continue contributing to the promotion of sharing of various types of resources among libraries including print, digital, human expertise etc. and to promote information and knowledge sharing activities among the member libraries. As such during the last year we have organised lectures by experts on strategies for using digital content in future, creation of content through crowdsourcing, waste management of e-resources, global trends in libraries besides the preservation of e-resources. We also organized a symposium on future of libraries and a seminar on reinventing libraries for the new generation of library users. The most memorable event of the year was the inauguration of NACLIN 2016 by Hon'ble Shri H. Hamid Ansari, Vice President of India at Tezpur University, Tezpur, Assam on October 26, 2016.

II MEMBERSHIP

DELNET gives access to various networked library resources to its member libraries. As per the first three laws of Dr. Ranganathan's *Five Laws* we feel obliged that the resources available through DELNET are used and each information resource therein reaches the user who needs it. It is falso heartening to know that the membership of DELNET is increasing and more and more students, teachers, researchers and scholars, etc. belonging to our member-libraries have access to DELNET resources and services. DELNET can not achieve it on its own because we are obliged also to empower library staff of member-libraries and through them to reach out to more number of library users. We are regularly making efforts to apprise the staff of member libraries of DELNET about our resources and services. Also, as the All India Council for Technical Education and Jawaharlal Nehru Technological University, Hyderabad recommended the use of DELNET to their technical institutions, there has been more interest in the membership of DELNET. During the year 2016-2017 DELNET has enrolled 625 libraries as its new institutional members, out of which 402 were unique and the remaining rejoined as members. The breakup of membership is given in Appendix I.

III FINANCE

DELNET utilises its incomes and earnings for the promotion of its aims and objects. As the income of DELNET is solely based on its membership fee we did not increase the annual membership fee since 1999. Yet the number and size of its online resources offered by DELNET to its member-libraries has increased manifold during the last fifteen years. To support our activities we want more and more institutions to use DELNET, which gives financial support to us and also helps us to achieve our objectives. This in turn helps the member libraries to meet their users' needs and requirements in the most economical ways through DELNET.

The details of audited accounts for the previous year are given in the audited statements. The auditing of the accounts for 2015-2016 was done by M/s. S. S. Kothari Mehta & Co.

IV BUILDING

The major works in the hostel block which is going to function as the Guest House have been completed. These include work on the structure, plastering, flooring, rubbing, polishing, electrical fittings, wooden work, bathroom fittings, fire-fighting systems and the other works. The windows and doors have been fixed. The furniture has been placed in the double rooms. The kitchen equipment has been finalized and will be ordered soon. The furniture for the Dinning Hall, Lounge, Reception etc. has been selected and is being ordered.

In order to make the Guest House operational it was necessary to get the Completion Certificate from MCD. In order to obtain the Completion Certificate, the water harvesting in the campus had to be undertaken. Because of the rocky land it took some time. The work on water harvesting has now been completed.

The lift with 10 persons capacity for the Hostel Block was procured from KONE Elevators and has been made operational. Also, 125 KVA Sudhir Genset with an automatic AMF Panel has also been installed and made functional in the campus. In addition to this, we already have a 15 KVA Generator available in the campus which would work as a backup. I may also mention that air conditioning units have also been installed in all rooms. The other accessories of the Guest House are being finalized. It was hoped that the MCD and other Government approvals would be received within a few months time.

In order to strengthen security in the building we have fenced most of the boundary areas of the DELNET building with concertina wire. Also, CCTV has been made operational at important vantage points in the campus including Administrative Block, Hostel Block etc.

The property tax for 2016 was paid to the MCD.

V NETWORK OPERATIONS

5.1 DELNET Knowledge Discovery Services

The records of DELNET's union catalogues and union lists have been transferred to the Knowledge Discovery System of DELNET. A number of library professionals were asked to offer their views of the Knowledge Discovery System. After receiving the inputs the Discovery Portal was made operational since January 2017. It is a simple, single window discovery layer which encourages the users to explore the networked library resources offered through DELNET in a feature-rich environment. We are very much sure that the discovery services will help the member-libraries and their users in better utlisation of DELNET resources and services. The access is made through the IP authentication. The usage report statistics, ILL book status, Date of Membership expiry, etc can also be known through this portal by the member-libraries.

5.2 Network Operations

The DELNET online services have been operational 24/7. Currently both the old and the new servers are operational. The 2 Mbps lease line with NIC is working satisfactorily. We hope to add another back-up link soon.

VI INTER-LIBRARY LOAN (ILL) AND DOCUMENT DELIVERY SERVICES (DDS)

The promotion of sharing of resources among libraries is one of the main objectives of DELNET. In order to execute it, the Interlibrary Loan (ILL) and the Document Delivery Service (DDS) have remained one of the prime activities of DELNET during the last year. Member libraries have been using resources and services through DELNET and in turn helping a large number of library users. More efforts were made to identify and locate documents in libraries and deliver them to libraries as fast as possible. In order to make ILL and DDS more effective DELNET offers Reference Service to library professionals and their users. The Network Manager and her staff have been making every effort to offer services without any unnecessary wastage of time DELNET Coordination Units facilitate the ILL/DDS work from their respective regions.

VII COORDINATION UNITS

The staff at the DELNET Coordination Units in Bangalore, Hyderabad and Pune have been visiting libraries to do hand holding, collect data and help in the ILL and DDS activities. On a trial basis we also opened a unit at Hamirpur in Himachal Pradesh to coordinate such activities in Northern India. We will be evaluating the work done and deciding further. The Coordination Unit of DELNET in Hyderabad is working under

the supervision of Dr. S. S. Murthy and the Coordination Unit in Bangalore is working under the supervision of Mr. O. N. Safapuri. In Pune the Coordination Unit is functioning under the supervision of Dr. Neela J. Deshpande. Dr. S. D. Khan is coordinating the Hamirput Unit. The staff at these units visit member libraries to provide training in the use of DELNET services, hold orientation programmes for Library users, collect data for resource sharing etc. The visits are also made to the non-member libraries to familiarise them with the DELNET resources and services.The Coordination Units are functioning well.

VIII UNION CATALOGUES AND DATABASES

It may be noted that that about 2.5 crore records of books, journals, articles etc. were migrated from various databases maintained by DELNET to the newly launched Discovery Portal and made operational since January 2017. We have been regularly collecting catalogue records of documents from member-libraries and updating the union catalogues and other databases compiled and hosted by DELNET. While provisions have been made to let member-libraries easily upload catalogue records from time to time, yet we notice that there is not a regular inflow of catalogue records from all member-libraries. This work needs active implementation of the processes at the end of member-libraries and at DELNET. While DELNET is keen to have more and more catalogue records we need active cooperation from member-libraries in this regard. More the records, the more higher possibilities of getting documents at suitable locations thus saving time and money on the delivery of documents to libraries. The following are the Union catalogues and databases that are regularly getting updated by DELNET:

1. Union Catalogue of Books
2. Union Catalogue of Periodicals
3. Union List of Current Periodicals
4. Articles Database
5. E-books Database
6. CD-ROM Database
7. Union List of Video Recordings
8. Union List of Sound Recordings
9. Database of Theses and Dissertations

IX OTHER ONLINE RESOURCES

DELNET is concentrating also on delivering full text e-content of books and

journal articles. In this case we also need full cooperation from member-libraries. While we notice that peer-reviewed journals are also becoming part of the open source journals we are making every effort to include them in the databases of e-resources that we offer in addition to the catalogue resources. DELNET has been updating the following full-text online open source databases on the following subjects during the last year:

E-Books : Read and Download them Online on various subjects including Engineering Science and Technology

Full-Text Medical Books

Architecture E-journals

Dental E-journals

Education E-journals

Engineering and Technology E-journals

Law E-journals

Management E-journals

Medical E-Journals

Nursing E-journals

Pharmacy E-journals

Global Full-text Thesis and Dissertations

Learning Resources For LIS Professionals

Digital Libraries of the World

Networked Digital Library of Thesis and Dissertations

Thesis and Dissertations Database

X NATIONAL INITIATIVES

10.1 National Convention on Knowledge, Library and Information Networking (NACLIN)

The 19th National Convention on Knowledge, Library and Information Networking (NACLIN 2016) was organised by DELNET-Developing Library Network, New Delhi in collaboration with the Tezpur University, Tezpur from October 26-28,

2016 at Tezpur. It was inaugurated on October 26, 2016 by the Hon'ble Vice President of India Shri M. Hamid Ansari. The programme was presided over by the Hon'ble Governor of Assam Shri Banwarilal Purohit. The guests of honour included Hon'ble Shri Ranjit Dutta, Minister, Dept. of Irrigation, Handloom, Textile and Sericulture and Hon'ble Shri Ram Prasad Sarmah, Member of Parliament from Tezpur. The welcome address was delivered by Prof. Mihir Kanti Choudhari, the Vice-Chancellor, Tezpur University, Tezpur. Dr. H. K. Kaul, Director, DELNET delivered the introductory address. In his address while stating the objectives and activities of DELNET, he said that the librarians should play the roles similar to that of doctors by offering personalized services. He added that libraries needed to be developed for serving the common people. The Chairman's address by the Hon'ble Governor of Assam Shri Banwarilal Purohit compared the current ICT scenario with the limited facilities available in the 1960s. Mr. Purohit applauded the work being done by DELNET and said that the libraries in the North East and other parts of the country must benefit from the resources and services of DELNET.

The Hon'ble Vice President of India Shri M. Hamid Ansari, the Chief Guest in his inaugural address said, "I am a bookworm and feel totally at home with books and matters relating to them. I can also testify to the efficacy of DELNET, a path-breaking effort made in 1988 at the India International Centre Library, New Delhi." He added that DELNET was started as a resource sharing library network and has by now become an invaluable tool in promoting quicker access to information. While referring to the theme of the conference: "*Smart Libraries and Inspired Librarians: Managing New Technologies, Digital Content and Services"* he visualised the better future of libraries with the active role of librarians. He felt that libraries still continued to play central roles in providing open and free access to information and ideas. He felt that the explosion of information in the digital form had dramatically changed expectations about the production as well as the use of knowledge. He added that the open information culture as exemplified by Wikipedia attests to a dramatically altered conception of knowledge as something produced, not solely by experts, but through a convergence of many who bring knowledge or experience together on a subject. He said that the advent of high speed mobile Internet has facilitated networked information and altered the learning avenues and expectations. Social networks and social media had become more important in people's learning strategies. Hon'ble Shri M. Hamid Ansari was of the view that libraries needed to work together in new and collective ways; there was the need to change the culture of libraries and librarians; assert their evolving roles in more active ways; act as equalizers by providing equitable and affordable access to knowledge and information to larger numbers in society.

Prior to the inaugural session, a session on "How to Write an Effective Research Paper" was conducted by Mr. Robinson Raju (Publishing Editor, Journal Editorial) and

Ms. Shafina Segon (Marketing Head – Journals, Marketing), Taylor and Francis. In the post-lunch session, a workshop on publication in open access journals was conducted by Mr. Rajesh Shetty of T&F. The session was highly interactive and the participants took a keen interest in discussions. A panel discussion on "Promoting Critical Thinking and Academic Writing Skills" was chaired by Dr. H. K. Kaul. The other panelists included Prof. A. S. Chandel, Dr. Jagtar Singh, Prof. M. M. Sarma, Prof. (Mrs) N. S. Islam and Mr. Robinson Raju. Dr. Kaul spoke on the relevance of critical thinking as well as on the importance of writing skills. The session was divided into a session on critical thinking and writing skills. On critical thinking, Prof. N. S. Nigam said that critical thinking is the basic characteristic of logic and rationality and it should result in solving problems. She affirmed that one should keep on doubting till the issues were resolved. She said that to be a critical thinker, we needed to have sound information. Prof. M. M. Sarma maintained that one should keep asking questions in an unbiased manner. He further opined that the Guru-Shisya tradition should not make us less critical in thinking. Dr. Jagar Singh said that we were the prosumers (the consumers of information and producers of information) and we should not accept everything at face value. He said that attitudes could be conservative, passive, reactive, active, proactive and critical but it was the attitude of creative and critical thinking which was important. Prof. Chandel said that librarians should think rationally in the libraries. He said that we should critically evaluate our work. According to him, there were many ways of doing things but one must find which was the best way to do it. Mr. Robinson Raju gave the publishers' perspectives. He said that there was a greater need to critically evaluate manuscripts. On academic writing skills, Prof. N. S. Islam observed that a good science student may or may not be adept at writing and noted that learning writing skills should be a lifelong process.

The second day started with the Technical Session I on "Digital Technologies in Practice". The session was chaired by Prof. Narendra Lahkar, Professor, Dept of Library and Information Science, Gauhati University, Guwahati. The first keynote paper presentation was made on "Open Data and Data Repositories" by Dr. A.R.D. Prasad, Head DRTC, Bangalore. He spoke at length about the new initiatives being taken in the field of open data and data repositories. Prof. A. S. Chandel, Librarian, Sikkim University, Gangtok delivered a keynote paper presentation on "Digital Technology in Action : Journey from Print to Electronic Resources". He discussed at length the role of digital technology in people's daily lives. He also spoke about the history of application of the use of ICT in libraries and shared his own experiences in carrying out various automation/digital library initiatives. He felt that copyright issues were the main impediments in digitisation which needed amendments in copyright laws. The third keynote paper presentation was entitled " infoBITS : A Synergy between Library and Tech-Savvy Users at BITS Pilani – A Case Study" by Mr. Giridhar Kunkur, Librarian and Chief Publications and Media Relations, Birla Institute of Technology and Science, Pilani, Rajasthan. Mr. Kunkur

observed that we must change the way we present our libraries , gain new skills, adopt emerging new technologies and innovatively customise our services to cater to the needs of our present-day users. He felt that it would stimulate the importance of libraries and enhance their usage.

It was followed by a presentation of a paper entitled "The Use of ICT-Based Technologies to Create, Preserve and Disseminate Indigenous Knowledge by the Assam State Archives and District Library (Guwahati), Assam by Ms. Sangita Mazumdar, Librarian, Asian Institute of Nursing Education, Guwahati. The remaining papers in the session discussed 'Users' Attitude Towards the Use of Smart Phones to Access Information'; and Students' Views About the Use of Facebook and WhatsApp on Education : A Survey Among the Undergraduate Students of Dr. Birinchi Kumar Barooah College, Nagaon, Assam" written by Ms. Julia Thakuria, Librarian, Dr. Birinchi Kumar Barooah College Nagaon, Assam and Mr. Bishal Saikia, Student, Dept of Sociology, Dibrugarh University, Dibrugarh, Assam was presented by Bishal Saikia.

The Technical Session II on "Library Services to Public" was chaired by Mr K K Banerjee, Projector Director (Archives) (EZ&NEZ), Prasar Bharati and former DG, Raja Rammohun Roy Library Foundation (RRRLF), Kolkata. The first keynote paper entitled "Role of Raja Rammohun Roy Library Foundation and National Mission on Libraries in Promoting Public Library System and Services in India" authored by Dr. Arun Kumar Chakraborty, DG, RRRLF; DG, National Library, Addl Mission Director, NML and Mr. Soumen Sarkar, Deputy Director (II&M), RRRLF, Kolkata was presented by Mr. Soumen Sarkar. He spoke at length about the work being done by RRRLF for the Public Libraries in India and also apprised the delegates about the National Mission on Libraries and the National Virtual Library of India. The development of NML Model Libraries, the Quantitative and Qualitative Survey, the Capacity Building for Library Professionals was also highlighted by him. Dr. Satishkumar S. Hosamani, Director, Dept of Public Libraries, Bangalore presented his keynote on "Marketing of Library Programmes and Information Services of Public Libraries in Karnataka".

The Technical Session III on "Smart Libraries for Smart Users" was chaired by Dr. H. K. Kaul, Director, DELNET. The first keynote paper on "Strategies for Smart Libraries : Building a User-Centred Library and Information Service" was delivered by Ms. Jo Webb, National Teaching Fellow; Visiting Fellow, University of East London & Trustee, Chartered Institute of Library and Information Professionals (CILIP), UK. Ms Webb said that Smart Libraries meet and anticipate user needs, are innovative, strive for improvement, have a transformative impact on users and communities, are well-managed and operate according to high professional standards, ethical principles and values. She also spoke about the users' expectations and expressed the desire to build relationships with users and suppliers and create responsive systems and services.

She added that there is a need to reimagine the virtual library spaces. Ms. Webb said that 'smart libraries' require vision, values and goals, frameworks and evidence for service development, collection management, evaluation, quality control, quality assurance and quality enhancement. She said that there is a need to "challenge yourself, your practice and your organisation and to explore Double loop learning, reflective/reflexive practice, to enquire about 'What went well? What can be done better?". She spoke at length about the transformations required in the libraries and the development of libraries as third spaces. Another keynote paper entitled "Smart Libraries and Inspired Librarians : Going Beyond a Rhetoric" was delivered by Dr. Vivek Patkar, Independent Researcher, Mumbai. He maintained that in order to make the libraries as smart libraries and to inspire the librarians, the transformations in library spaces, practices and services needed to be strategically designed and implemented. He also discussed at length the rejuvenated roles of LIS professionals.

In the post-lunch session, Technical Session IV on "Innovative Services in Libraries and Information Centres" was chaired by Ms. Jo Webb.The keynote paper entitled "Innovative Services in Libraries and Information Centres : A Case Study of ISB" was presented by Dr. S. Venkadesan, Director, Learning Resource Centre & Operations, Indian School of Business, Hyderabad, Telangana. He discussed at length the significant role played by LRC, ISB to meet the scholarly information needs of their users and referred to the LRC's collection development policy which had been designed considering the evolution of the discipline to fulfill the acquisition and integration of the relevant resources in a wide range of formats to facilitate seamless access – anytime, anywhere to end users. He also focused on the development of customer-centric frameworks and the gap analysis. It was followed by a paper entitled "Users' Perceptions on the Best Practices in the Libraries of Colleges Under Dibrugarh University of Assam"presented by Mr. Rajendra Mohan Dev Sarma, Research Scholar, Department of Library and Information Science, Assam University, Silchar and Librarian, Nazira College, Sivasagar, Assam, authored with Dr. Mukut Sarmah, Assistant Professor, DLIS, Assam University, Silchar.

Technical Session IV on "Inspiring Librarians : Evolving Roles and Responsibilities for LIS Professionals" was chaired by Prof. A. S. Chandel, Librarian, Sikkim University, Gangtok. Prof. Chandana Goswami, Dean, School of Management Sciences, Tezpur University, Tezpur, Co-Chaired the session. The keynote paper entitled "Inspiring Librarians : Evolving Roles and Responsibilities of LIS Professionals" was delivered by Dr. Jagtar Singh, Professor, Department of Library and Information Science & Professor In-charge, Bhai Kahn Singh Nabha Library, Punjabi University, Patiala. He discussed in detail the paradigm shift in libraries from printed publications to digital documents, stand-alone libraries to library and information networks, commercial control to creative commons, institutional purchases to shared subscriptions/ consortia, propriety

mechanisms to institutional/knowledge repositories, just-in-case to just-in-time, ownership to access, etc. He also spoke about the various gaps and divides including info-divide, digital divide and competency divide and maintained that due to information overload the users suffer from info-stress. He observed that LIS professionals needed to redefine their roles and responsibilities. Another keynote paper entitled "Evolving Roles and Responsibilities of Library and Information Science Professionals" was delivered by Prof. Pravakar Rath, Professor Library and Information Science and Dean-School of Economics, Management and Information Science (SEMIS), Mizoram University, Aizawl. He spoke about the changing scenario of libraries in the form of digital libraries, ATM libraries, and libraries without walls and discussed the managerial and ICT skills required for inspiring library and information professionals. Prof. Rath cited some successful innovative projects including ATM libraries in China which helped in improving reading habits. The ATM libraries were 24 hour-self-service machines which allowed the people to borrow and return books without the help of librarians. He also mentioned some other efforts including U-Pustaka Portal in Malaysia, Bookless Library Opened by New US University, Robotic Libraries, etc.

The third and last day of the convention started with Technical Session VI entitled "Library Consortia and Management of E-Content" and was chaired by Prof. S.K. Singh, HoD, Dept. of LISc, Gauhati University, Guwahati. The keynote paper entitled "New Trends in Managing Library Consortia" was presented by Dr. Neeraj Kumar Chaurasia, Deputy Librarian, Indian Institute of Technology Delhi. He spoke at length about the emergence of library consortia in India, advantages of consortia-based subscriptions of E-resources in general and various pricing models of E-resources offered by the publishers. Dr. Chaurasia discussed the various issues associated with the library consortia in India and the new trends in managing library consortium. While talking about the major issues and challenges in Library Consortium, he dwelt on identification of E-resources, pricing of E-resources, negotiations, print dependent subscriptions, taxation issues, archival issues, etc. He advocated the points to be included in the Model Licence Agreement. The other papers in the session dwelt upon the 'Empirical Evaluation of Top Indian Journals'.

The Technical Session VII entitled "The Digital Divide and Information Literacy" was chaired by Prof. M. Moses Naga, HoD, DLIS, NEHU, Shillong. The keynote paper entitled "Bridging the Digital Divide : Role of Libraries" was delivered by Dr. H.K. Kaul, Director, DELNET, New Delhi. Dr. Kaul observed that knowledge-driven societies gave rise to knowledge-driven economies. He further said that societies which had less access to knowledge were less privileged and the societies that had fast access to knowledge become privileged and advanced. He referred to the role of libraries in reducing the digital divide globally. Dr. Kaul emphasised managing quality content in libraries and also in offering digital resources in Indian languages. He mentioned the

important role being played by DELNET in bridging the digital divide. Other papers in the session discussed "Role of Networked Libraries in a Knowledge Society: North East India Perspective"; "University Libraries in North East India: Readiness for the Information Literacy Programme"; and "Assessment of the Contribution of IITs: A Scientometric Analysis Using Publications Output".

The last Technical Session VIII was devoted to "How to Counter Plagiarism". It was chaired by Dr. Jagtar Singh. The papers were presented on "Plagiarism: Taxonomy, Tools and Detection Techniques"; "Role of Librarians in Erasing the Offence of Plagiarism with the Anti-Plagiarism Software : A Case Study of Gauhati University"; "Attitude, Awareness and Perception Towards Plagiarism: A Survey".

The panel discussion on the theme of "Promoting Library Services in the North East: Technology, Content and Services" was held which was moderated by Dr. H. K. Kaul. The panelists comprised Dr. A. R. D. Prasad, Prof. A. S. Chandel, Dr. Jagtar Singh, Dr. Mukesh Saikia, Prof. N. Lahkar, Prof. S. K. Singh, Prof. M. Moses Naga and Mr. Wooma Sankar Devnath. Dr. Kaul moderated the discussion on the three main sub-parts of the theme such as 'Managing New Technologies'; 'Digital Content'; and 'Services to Users'. On managing new technologies, the suggestions made by the panel included building of dynamic library web pages; appropriate infrastructure in libraries; development of digital libraries; managements should be oriented towards the use of technology in their libraries; the use of RSS feeds and federated searches in libraries; policies and strategies needed to be introduced in support of the the use of technologies in libraries; and the need for a vision statement along with roadmaps in special sectors in libraries. With regard to the Content the suggestions included preparing of the regional language content; digitization of special collections; use of transliteration wherever necessary; providing OCR facility of regional language text; access to content through a common language; and promotion of content that highlighted the heritage and scholarship of the region. About Services suggestions included the undertaking of the survey of libraries; use of mobile phone and library Apps for offering library services; offering community-based services should be provided to students, teachers and the public in general and improvement of group-based services.

Dr. H. K. Kaul in his concluding remarks noted that managements needed to have suitable library policies in view of the impact of ICT on libraries. Libraries needed to be supported to have proper infrastructure, adopt new technologies, use open source software Koha, and create digital content of their special collections. He said that the recommendations of the panel on technology use were important and needed to be implemented. He felt that libraries with special content should develop Knowledge Centres for use globally. He added that that this was the time of offering personalised services to library users and that would bring them back to the libraries. He added that

librarians also needed to move out to users and help them by offering personalised services.

The valedictory function started with a welcome address by Dr. Mukesh Saikia, Organising Secretary, NACLIN 2016 and University Librarian, Tezpur University, Tezpur. It was followed by the Rapporteur-General report by Dr Sangeeta Kaul, Network Manager, DELNET and Co-Organising Secretary, NACLIN 2016. Ms. Jo Webb delivered the valedictory address. She applauded the efforts undertaken by DELNET and Tezpur University, Tezpur in organising the Conference. Dr. H. K. Kaul, Director, DELNET delivered the Presidential address. He emphasised the great challenges being encountered by the libraries and felt the need for a higher pace of collaboration, connectivity between the users and the libraries. The need for strong human networking was also urged by him. It was followed by a Vote of Thanks by Dr. Monnawer Eqbal, Coordinator, NACLIN 2016 and Deputy Librarian, Tezpur University, Tezpur; and Dr. Sangeeta Kaul, Co-Organising Secretary and Network Manager, DELNET .

10.2 National Seminar on Reinventing Libraries for the New Generation of Library Users

DELNET organised the Seminar on Reinventing Libraries for the New Generation of Library Users on August 8, 2016. The seminar was inaugurated by the Chief Guest Prof. P.B. Mangla, Tagore National Fellow, Ministry of Culture and the Guest of Honour Mr. P.S. Bawa, former Director General of Police. The speakers and chairmen included Dr. P. R. Goswami, Librarian and Head(KN), IGNCA, New Delhi; Dr. D. V. Singh, University Librarian & Head, Delhi University Library System; Dr. H. J. Abidi, University Librarian, Jamia Millia Islamia, Delhi;

Dr. S. Majumdar, Chief Librarian, India International Centre, Delhi; Dr. R.K. Sharma, Librarian, United Nations Information Centre, New Delhi; Dr. S. Siva Chidambaram, Chief Librarian, All India Institute of Medical Sciences, Delhi; Dr. Shantanu Ganguly, Fellow, Knowledge Management Division, TERI and Prof. Vijay Vancheswar, Professor, Communication and General Management, International Management Institute (IMI) Delhi.

Dr. H.K. Kaul, Director, DELNET said that the seminar was important because the new generation of library users were using unverified information on the Web which has been doubled very fast. He observed that most of the information getting uploaded on the Web was ephemeral in nature and librarians had to select the best content and deliver it to the users. He felt that students and teachers had no time and expertise in selecting the best content and it was the job of Library professionals to do so. He felt that if libraries gave them correct information, they could create better publications. Mr. P.S. Bawa felt that librarianship is a very sacred profession because librarians

looked after a most sacred space that stores knowledge, transmits knowledge, also makes people interested in knowledge and helps them to lead a better life. He felt that libraries should be very friendly places where people would like to go repeatedly. The first session was devoted to a panel discussion "Now or Never: Making Connections, Collaboration and Service: The Hallmark of Libraries and Information Centres".

Dr. D. V. Singh, University Librarian & Head, Delhi University Library System chaired the panel.He said that MLIS should be called Masters in Library Information and Library Service. He felt that the strategy needs to be developed to provide the digital content in a medium which satisfied all the groups of users. He added that there is the need to preserve libraries as public access points and repositories of culture and knowledge and ensure that people of all ages visited libraries and used them. Dr. H. J. Abidi, University Librarian, Jamia Millia Islamia, Delhi referred to information pollution and was concerned about how to provide relevant and genuine information to library users. He added that content should be available in regional languages also.Dr. S. Majumdar, Chief Librarian, India International Centre, Delhi felt that library's response to demand-oriented library users should be non-traditional in nature. Libraries should be expanding services, using the new technological models like online chatting with reference to staff and instant messaging, blogging, federated searching, discovery services, etc. There was the need to transform the library buildings into more inviting places with the browsing areas of popular books filled with the new age furniture. Among those who spoke included Dr. R.K. Sharma, Librarian, United Nations Information Centre, New Delhi, Dr. S. Siva Chidambaram, Chief Librarian, All India Institute of Medical Sciences, Delhi and Dr. Shantanu Ganguly, Fellow, Knowledge Management Division, TERI.

The second session was devoted to "Effective Communication Skills for LIS Professionals

Dr. H.K. Kaul in his introductory remarks said that whenever we visited libraries in the country we found that most of the LIS professionals needed to have better communication skills.

Prof. Vijay Vancheswar, Professor, Communication and General Management, International Management Institute (IMI) Delhi delivered a detailed talk on the subject.

The Third Session of the Seminar was devoted to: "Will the Libraries Survive? : Challenging Role of Libraries". Dr. Kaul in his introductory remarks said that there were indications from different parts of the world that librarians had to really make a mark in their work places by offering quality services. They should select the best content and make it available to the users. We should be competent in handling the needs of the users. He said that the resources in libraries were limited and librarians should have access to global information that could be arranged by networks like

DELNET.

Mr. Bill Middleton, Information Resource Officer, South Central Asia, Department of State, US said that societies created libraries to share an important but scarce resource of information. They were community-funded and were based on sharing. He added, there is nothing else like that in a society. The problem is that information is no longer scarce. In fact it seems most of the time we are drowning in information. So the reason that we created libraries, the purpose behind them had gone away. While answering questions Mr. Bill Middleton said that possibly data mining would be a natural skill for librarians. He felt that library apps needed to be used to access library content. Libraries need to be client-centric or customer-centric. So Librarians needed to know who their customers were.

10.3 National Symposium on Libraries of the Future

National Symposium on Libraries of the Future: The Great Expectations was jointly organised by DELNET and IGroup and Balani Infotech at DELNET on November 18, 2016. Dr. Jagdish Arora, Director, INFLIBNET inaugurated the symposium.

Mr Kailash Balani, Managing Director, Balani Infotech Pvt. Ltd. in his introductory address gave an overview of the use of World eBook Library in India and described its benefits and the scope of its content.

Dr. H. K. Kaul said that today we were discussing libraries of the future and also the future of libraries. He added that between libraries of the future and future of libraries there is a gap which we are all trying to fill. He added that there is an intersection of information, knowledge, education, technology and users' needs, and librarians had to see how they could manage well. He felt that librarians should become knowledge workers and get help from knowledge experts, professors, teachers, technology experts and work with them. They had to be part of this global concern that we are facing today. He felt that since knowledge is universal and global, the users had similar needs. Though there were language barriers, cultural barriers, economic barriers, business barriers but if we worked together, we would be benefiting the global scenario.

Mr Walter Kny, Global Institutional Director, WEL, U.S.A. spoke on World e-book Library and How to Achieve Academic Prestige

He said that the California institute of Technology is one of the best universities but it is extremely small, in fact one of the smallest in America. They have less than 2000 students. Today you have access to the same resources that they have access to.

He said that World e-Book Library comprises E-books selected from the best universities in the world like Harvard, Oxford, California Institute of Technology, Stanford,

Cambridge among others. The books were handpicked on the basis of what researchers were using. They digitised those books. He said, "Harvard University has about 14 million books. The university just handpicked the top 50,000 books and digitised them. The same was done by Cambridge and Stanford and each and every one of those big universities. But they all did that by themselves with their own format, with their own metadata, with their own protocols."

World e-Book Library curated them, organised them and made them fully discoverable in one single place. "Because these librarians chose their very best books, this resulted in a collection that currently has publications of the last 1000 years. He added that we have books that go back to the year 1100 and then all the way until today. So World e-Book Library is basically a collection of the most influential reference books of old times.

Mr. Kny said that you can customise the search engine to your own needs and you can also use World e-Book Library's records and upload them in your own search engine.

Mr. Kny said that from 2010 to 2020 information has grown by more than 50 fold. The latest number says that every 10 months the total amount of knowledge and information in the world is doubling. He asked the librarians, if every 10 months they were doubling the amount of resources? If the answer is no. then that particular library is lagging behind.

A panel discussion on 'Libraries of the Future'. The participants included Dr. Rita Malhotra, Principal, Kamla Nehru College, New Delhi; Dr. Ramesh C Gaur, University Librarian, JNU New Delhi; Dr. Jagdish Arora, Director INFLIBNET, Ahmedabad; Dr. Kailash Balani, Managing Director, Balani Infotech Pct Ltd.; Mr. Walter Kny, Global Institutional Director, WEL, USA. Dr. H.K. Kaul moderated the discussion. A summary of the symposium has been published in *DELNET Newsletter*, December 2016.

XI INTERNATIONAL INITIATIVES

11.1 Global Trends in Libraries

In collaboration with the American Centre Library, New Delhi we organised a lecture on 'Global Trends in Libraries' by Dr. Christopher Dunnett, Director, Office of American Spaces, Bureau of International Programmes, US Department of State, Washington, USA on October 21, 2016. We feel that librarianship has never been at the crossroads as it is at this time. Over the past 10-15 years, libraries had been evolving under the impact of ICT. It was necessary to know with what vision libraries were

progressing and how libraries selected quality content out of the growing plethora of information out of which about 90% is ephemeral.

Mr. Dunnett mentioned that they had more than 700 library service points in the world. The issues of coordination, selection of desired information and delivery of requisite information to specific users were of concern. He felt that it was necessary to know how libraries could remain relevant. He felt that library professionals working in public libraries needed to be trained further. He also asked how we could bridge the gap between information and the needs of the users so that the users became part of a knowledge society.

He observed that modern societies were undergoing rapid, economic, social, educational and technological changes. That was affecting libraries as it was affecting everything in our societies. He said now librarians had to be more than knowledgeable. Libraries could continue to play an equalising role in society by reducing the digital divide.

XII SOFTWARE DEVELOPMENT

DELNET continued to promote the use of Koha, the open source library management software. The software team looked after the requirements of libraries and wherever necessary the changes were incorporated in the software.

The libraries that use DELPLUS, the library management software developed by DELNET, continue to receive operational support from DELNET.

XIII DELNET CONSORTIUM

DELNET continued to offer the following products to member-libraries through the DELNET Consortium:

13.1 DELNET Gale Cengage Consortium

1. InfoTrac Engineering, Science & Technology Collection (IESTC)
2. InfoTrac Management Collection (IMC)
3. InfoTrac Medical Collection (IMedC)
4. InfoTrac Pharmacy Collection (IPC)
5. Health and Wellness Resources Centre (HWRC)
6. InfoTrac Educator's Reference Complete (ERC)

7. Business & Company Resource Center (BCRC)

8. Business Insight Global (BiG)

9. Global Reference on the Environment Energy, and Natural Resources (GREENR)

10. Culinary Arts Collection (CAC)

11. Hospitality, Tourism and Leisure Collection (HTC)

12. National Geographic Magazine Archive (1995-Current) (NetGeo)

13.2 DELNET ProQuest E-Journals Consortium

1. DELNET ProQuest Engineering/Technology Collection

2. DELNET ProQuest Management Collection

13.3 DELNET Consortium for eBooks

1. World eBook Library through IGroup

XIV SEMINARS, WORKSHOPS and LECTURES

The list of seminars, symposia, workshops and lectures organized by DELNET during the years is given below :

14.1 Seminar

August 8, 2016 "Reinventing Libraries for the New Generation of Library Users" held at DELNET. Senior LIS professionals from Delhi and outside Delhi participated in the deliberations. on Monday, at DELNET, New Delhi

14.2 Workshops

June 25, 2016 Workshop on "DELNET: Resources, Services & Facilities and Open Source Software for Libraries" held at Sri Padmavathi Mahila Visvavidyalayam (Women's University), Tirupati.

August 27, 2016 Workshop on "DELNET: Resources, Services & Facilities and Open Source Softwares for Libraries" held at Sarojini Naidu Govt. Girls Post Graduate (Autonomous) College, Bhopal.

September 3, 2016 Workshop on "DELNET: Resources, Services & Facilities and Open Source Softwares for Libraries" held at Dev Sanskriti Vishwavidyalaya, Haridwar.

November 12, 2016 **W**orkshop on "DELNET: Resources, Services & Facilities and Open Source Software for Libraries" held at Bharati Vidyapeeth Deemed University, New Law College, Pune.

November 15, 2016 Workshop on "DELNET: Resources, Services & Facilities and Open Source Software for Libraries" held at Shri Ramdeobaba College of Engineering & Management, Nagpur.

March 4, 2017 Workshop on "DELNET Discovery Services, Open Source Software & Communication Skills for LIS Professionals" in collaboration with INMANTEC, Ghaziabad, Uttar Pradesh.

14.3 Symposium

November 18, 2016 Symposium on "Libraries of the Future : The Great Expectations", organised by DELNET in collaboration with Balani Infotech at DELNET, New Delhi.

14.4 Lectures

14.4.1 Digital Content: Strategies for the Future

We organised a lecture on 'Digital Content: Strategies for the Future' by Dr. Ajay Kumar, Additional Secretary, MeitY, Government of India on Technology Day, May 11, 2016. This lecture was organized keeping in view that the librarians were interested in knowing about the Government of India's policies about the digital content. LIS professionals are also concerned about the issues of rights and permissions. Dr. Ajay Kumar began his talk by saying that Digital India was nothing but digital content, whether we focused on infrastructure or we developed services, we depended on content for enabling people to be able to use digital content. He felt that the government was trying to promote the use of digital content and trying to see how the library community could participate in this movement and make it bigger and faster. He said that the content in the world was increasing at a pace which was actually unfathomable. In relation to giving data global information growth, he said that India's contribution in it was very small. He added that, if you looked at most of the technology parameters, except for mobile phones, where we had crossed a billion phones now, the pace had accelerated in the last few years or so. He said that economic benefits accrued by using technology in various processes, whether it was government, business, academic or otherwise. He said that as local language was so natural and inherent to every individual we needed to create content in the local languages. He added that in the field of technology the pace of innovation had been absolutely unprecedented in the history of mankind. In several cases we saw how new devices kept appearing all the time. You had an app and then you had a new app and you had a new phone and you had a newer

phone, etc. He added that the technology had the ability to store, retrieve, access, use and reuse information and this had created tremendous innovation. With regard to content he added that user-generated content had become a very large part of our intellectual content creation. He said that the Digital India programme was basically to transform India into a digitally empowered society and knowledge economy. After 1.27 billion Indians we were getting digitally empowered and were becoming a part of a knowledge society:Government actions were only part of the whole effort. He said that there were three key areas of Digital India to create a knowledge society. To create a digitally empowered society, you needed to have digital infrastructure for every citizen; you needed to ensure that governance and services were available on demand to every citizen and that then there was digital empowerment of citizens. These three big pillars of Digital India comprised the umbrella of this programme. Dr. Kumar said that the National Optical Fibre project was supposed to provide optical fibre to all the panchayats in the country. He observed that there was the programme to establish Common Citizen Service Centres as kiosks in every panchayat. People who din't had access themselves would be able to go to this kiosk, connect to the digital world, conduct the transaction and people could be handheld for doing this. He added that the Digital Lockers could help create content and every citizen could have private space in a public cloud. The framework was that public authorities and other private authorities should be able push the documents relating to that individual into his locker. "My school certificate or my graduation degree or other important documents or even B2B transactions could be pushed to the digital locker. As a result, in future if someone wanted to use this document either for employment or for buying a house or for any other purposes all he had to do was to give the permission to the agency with whom he wanted to share these documents."

Dr. Kumar also referred to E-sign and said that when you made an application online there was no authentication that this application had been made by the person who claimed that he had made this application. The safest way was to use the digital signature. Referring to the digital content in large quantities, he said that for creating end-to-end services where people should be able to go, sit down and complete all the formalities on the system, physical interface should be reduced. He said that through the DELNET network, he wished to appeal to everyone that all libraries in the states should be encouraged to put their local language content digitally. He added that C-DAC has a platform which enabled people to contribute to digital content translation, in any application. It was far easier for us to leapfrog in voice than in text with respect to language translation. Dr. Kumar noted that we should make greater use of the Geographic Information System. "The greater use of data analytics will help us generate the greater economic, social and intellectual benefits which we talked about. This whole process of creating digital content could not be possible unless we procured these goods and services.

14.4.2 E-waste Management in Institutions

We arranged a talk on 'E-waste Management in Institutions: Rules and Guidelines' by Dr. Sandip Chatterjee, Director & OSD, Ministry of Electronics and Information Technology, Government of India on July 29, 2016. The management of E-waste has become important as E-waste was getting created out of computers, monitors, TVs, printers, scanners and all kinds of materials in libraries. Many library professionals were not conversant with the rules and regulations of discarding e-waste. It was also felt that the discarding e-waste should neither become a nuisance for people, nor should it be an environmental hazard. All this material contained metals like cadmium, lead, copper, chromium and many hazardous elements which were chemical and biological in nature and also could have radiation issues in it. Most of the LIS professionals were also not conversant with the administrative obligations connected with the disposal of e-waste. Dr. Chatterjee said that the electronic waste problem had been raised in India since 2002-03 because electronic waste had become the fastest growing waste. He said that by just holding a mobile phone was not hazardous but we should know what was hazardous in it. Dr. Chatterjee discussed the problem areas and gave solutions. He added that in the Ministry of Electronics and Information Technology we were developing cost-effective technologies to extract the value metals. He also touched upon the position of law and rules in the country. He added that till date no initiatives were taken to know the actual inventory of electronic goods. According to international reports, as per the 2014 UNEP report, India had 1.7 million MT of electronic waste and the global number was nearly 50 million MT of electronic waste. He said that some of the metals mined out of the electronic waste included copper, lead, mercury, manganese, lthium, zinc and cadmium. He added that another metal was Tantalum which was used for a special type of capacitor for storing the charge in a smaller space. He said that in the Indian scenario, one initiative had been taken by the Central Pollution Control Board (CPCB). The report mentioned that 8 lakhs MT of E-waste was generated in India in 2012. A few Meity associations for computers, had also taken some initiatives. He said that there were 4 lakh workers mining metals in Moradabad out of the e-waste and their conditions was pathetic.

Dr. Chatterjee gave an overview of the directions mandated by the European Union. He also gave glimpses of our recycling industry and said that there were a large number of miners in non-formal or informal sectors. About 95% equipment or electronic waste went to the informal sector and they burnt the PVC and took the copper. They knew what materials were saleable and thus did not waste any material that was saleable. Dr. Chatterjee also gave an overview of the economics and technology of E-waste management.

14.4.3 Crowdsourcing : An Overview

We organised a lecture on crowdsourcing, the issue of common concern to LIS professionals by Dr Mausam, Associate Faculty in the Department of Computer Science and Engineering, IIT Delhi and Affiliate Faculty, Department of Computer Science and Engineering, University of Washington, Seattle on September 15, 2016 at IIC. The culling out of quality content from various sources is a major issue and it is hoped that crowdsourcing could be one of the solutions. Since this job could be undertaken with the help of various types of professionals, this work needed to be coordinated. It is hoped that crowdsourcing might help us in adding value to the content. Whatever content we handle it can get further improved with inputs from users, experts and general public from all over the world.

Dr. Mausam felt that the job of a libraria was to match value with the users who needed it. Dr. Mausam said that the idea of crowdsourcing was to have the ability to access people at your fingertips. He referred to the allied field called human computation which integrates people into a computational process but felt that there was no way that computers would be great at creativity. He felt that machines were really good with remembering stuff. He was of the view that if we worked together in a coherent consistent fashion where the strength of both humans and machines would be used we could promote a bigger activity.

With regard to the Library Projects Dr. Mausam said that there are many initiatives going on in the United States where libraries, museums, archives, both digital and non-digital, were coming together to think about how they could benefit from community and volunteer participation. Dr. Mausam said that there were challenges in crowdsourcing. It was not a completely rosy picture.

14.5 DELNET Annual Lecture 2016

The DELNET Annual Lecture was delivered on 'Digital and Physical Preservation Management: Best Practices and Strategies' by Mrs. Heather Brown, Assistant Director of Paper, Books and Preventive, Artlab Australia, Adelaide on December 13, 2016 at DELNET. The topic assumes significance as the job of digitizing rare books and documents in the libraries and archives in the country needs to be done using latest global standards. Heather Brown started with a quote from Abby Smith in the US: "What makes us different from animals is the ability of our species to preserve and create memory. Memory which in turn leads to knowledge." She said that we can't preserve everything. Librarians needed to decide what to keep in its original format and what to copy. She described the various characteristics of collections to be checked before taking a decision to digitize a collection. She said that with the digital collection

the principles of preservation were very similar to physical collections and the skills for selecting digital heritage were very similar to the physical. But the one critical point of difference was about the rapid changes taking place in the software and the hardware. The decisions about what to preserve digitally needed to be made very early in the life cycle. She talked briefly about India's significant heritage and the relevance of digitizing the collections that reflected that. She added that India had the largest collections of the heritage manuscripts in the whole world. She talked about the risks to the heritage collections due to various factors.

She added that it is not only the technological risk that lie in digital preservation. Many advances in digital preservation have been made in the technology and technical work on migrating data and being able to carry it forward onto the next stage but it was the resourcing and the policies that organisations were really struggling with at the moment. Heather Brown observed that the other strategies that you found in the literature were refreshing, migrating, emulating and replicating and most of them were quite advanced.

14.6 DELNET Stall at ICDL 2016

DELNET put up a stall at the International Conference on Digital Libraries (ICDL) held from December 13-16, 2016 at India Habitat Centree, New Delhi. DELNET got a good response from the delegates at ICDL. Mrs Donna Scheeder, President, IFLA, visited the stall and had discussion with Director, Network Manager and other staff of DELNET regarding the resources and services of DELNET.

XV Visits to DELNET

Visit of the Participants of DESIDOC Training Course on Knowledge Discovery, Knowledge Engineering and Knowledge Management to DELNET on September 7, 2016.

Visit of MLISc Students and Faculty of DLISc, Mizoram University, Aizawl on September 19, 2016

XVI STAFF CONTRIBUTIONS

16.1 Dr. H. K. Kaul, Director

May 5-6, 2016	Chair, DRDO Selection Committees in Documentation. RAC, New Delhi
May 9	Spoke at IASLIC-IGNCA Convention on New National Education Policy 2015. IGNCA, New Delhi

May 10	Delivered the Technology Day lecture on LIS Profession at DESIDOC, New Delhi
May 20	Delivered valedictory address at 5th International Library and Information Professionals Summit 2016 organised by Ambedkar University in collaboration with Society for Library Professionals and Special Libraries Association Asian Chapter.
June 1	Guest of Honour at the launch of the book "Librarianship" by Shiva Sukula. Central Library, JNU.
June 23	Moderator Panel Discussion on Prof. P. B. Mangla's book 'Public Library Services in Delhi', Central Library, JNU.
June 25	Lecture on 'New Trends in Managing Libraries' at DELNET Workshop , Sri Padmavati Mahila Visvavidyalayam, Tirupati.
August 22	Lecture on 'New Trends in Managing Libraries' at DELNET Workshop , Sarojini Naidu Govt. Girls Post Graduate (Autonomous) College, Bhopal
September 3	Lecture on 'New Trends in Managing Libraries' at DELNET Workshop, Dev Sanskriti Vishwavidyalaya, Haridwar
October 26	Chair, Panel Discussion on "Promoting Critical Thinking and Academic Writing Skills" , Naclin, Tezpur University, Tezpur.
October 28	Keynote paper: "Bridging the Digital Divide: Role of Libraries" at NACLIN, Tezpur Univeristy, Tezpur
	Chair, Panel Discussion on "Promoting Library Services in the North East: Technology, Content & Services" , NACLIN, Tezpur University, Tezpur.
November 12	Lecture on 'New Trends in Managing Libraries' at DELNET Workshop , at Bharati Vidyapeeth Deemed University, New Law College, Pune
November 15	Lecture on 'New Trends in Managing Libraries' at DELNET Workshop at Shri Ramdeobaba College of Engineering & Management, Nagpur
November 18	Chair, Panel Discussion on 'Future of Libraries" at DELNET Symposium on "Libraries of the Future : The Great Expectations",

organised by DELNET in collaboration with Balani Infotech .

December 14 — Chairman, Session on "Digital Library Development, Architecture, and Management" International Conference on Digital Libraries (ICDL 2016), New Delhi

February 8, 2017 — Inaugural Address at the National Conference on I.T. Applications in Academic Libraries: New Trends and Opportunities at T. E. Malayalam University, Tirur, Kerala.

February 11 — Valedictory Address at the 2nd National Seminar on "Future of Libraries: Trends, Issues and Challenges" NASOFOL-17 a the University of Jammu, Jammu.

March 1 — Guest of Honour at the Inaugural Function of the International Conference on Library and Information Services in Knowledge Society: Innovative, Value Added and Best Practices organized by Dept. of Library & Information Science, Mizoram University, Aizawl.

March 3 — Lecture on 'New Trends in Managing Libraries' at DELNET Workshop at INMANTEC, Ghaziabad.

Publications

September 2016 — Guest Editor, Special Issue on Library Social Networks. Desidoc Journal of Library & Information technology, Vol. 36, no. 5, September 2016. Guest Editorial on "Library and the Social Media Networks".

Kaul, H. K., Saikia, Mukesh and Kaul, Sangeeta. Knowledge, Library and Information Networking: NACLIN 2016. Papers of the 19th National Convention on Knowledge, Library and Information Networking (NACLIN 2016) held at Tezpur University, Tezpur from October 26-28, 2016. New Delhi: DELNET – Developing Library Network, 2016. xxiv,340p.

Kaul, H. K. Bridging the Digital Divide: Role of Libraries *In* Kaul, H. K., Saikia, Mukesh and Kaul, Sangeeta. Knowledge, Library and Information Networking: NACLIN 2016. Papers of the 19th National Convention on Knowledge, Library and Information Networking (NACLIN 2016) held at Tezpur University, Tezpur from October 26-28, 2016. New Delhi: DELNET – Developing Library Network, 2016. Pp. 90-101.

Kaul, H. K. Empowering Libraries: Strategies for the Future. New Delhi: DELNET – Developing Library Network, 2017. Xviii, 345pp.

Kaul, H. K., ed. Early Writings on India: A Union Catalogue of Books on India in the English Language Published up to 1900 and Available in Delhi Libraries. First Published, New Delhi: Arnold Heinemann, 1975. Reprinted - London: Routledge, 2017.

DELNET Newsletter. Vol. 23, Nos. 1-2, 2016. Edited by H. K. Kaul.

16.2 Dr. Sangeeta Kaul, Network Manager

April 9, 2016	Invited lecture on "From Customer Centric to User Centric Library Services : Managing the Paradigm Shift in Libraries" delivered at BITS Pilani during a Two-Day Librarian Development Programme (LDP) "Elements of Effective Librarianship"
August 22	Lectures on "DELNET" and "Open Source Software Packages for Libraries" at DELNET Workshop at Sarojini Naidu Govt. Girls Post Graduate (Autonomous) College, Bhopal
September 3	Lectures on "DELNET" and "Open Source Software Packages for Libraries" at DELNET Workshop at Dev Sanskriti Vishwavidyalaya, Haridwar
October 26-28	Co-Organising Secretary & Rapporteur-General, NACLIN 2016 held at Tezpur University, Tezpur
November 12	Lectures on "DELNET" and "Open Source Software Packages for Libraries" at DELNET Workshop , at Bharati Vidyapeeth Deemed University, New Law College, Pune
November 15	Lectures on "DELNET" and "Open Source Software Packages for Libraries" at DELNET Workshop at Shri Ramdeobaba College of Engineering & Management, Nagpur
December 2	Participated in "PubliCon 2016 : Publishing for Schools" organised by FICCI at New Delhi.
December 14	Co-Chaired a Panel Discussion on "LIS Education at the Crossroads" held during International Conference on Digital Libraries (ICDL 2016) at New Delhi.

January 31, 2017	Delivered a lecture on "Role of DELNET in Academic Research" at NCERT, New Delhi during a programme on "Information Literacy Programme for the Users of NCERT library"
February 16	Delivered a lecture on "Open Source Software Packages for Libraries" at Aligarh Muslim University during International Conference on "Knowledge Generation, Discovery and Networking (KGDAN)"
February 23	Delivered a lecture in Hindi on "Internet ka hamare jivan pur prabhav" at DESIDOC, New Delhi during Hindi Day Celebrations.
March 3	Lectures on "DELNET" and "Open Source Software Packages for Libraries" at DELNET Workshop at INMANTEC, Ghaziabad.

Publications

Kaul, H. K., Saikia, Mukesh and Kaul, Sangeeta. Knowledge, Library and Information Networking: NACLIN 2016. Papers of the 19th National Convention on Knowledge, Library and Information Networking (NACLIN 2016) held at Tezpur University, Tezpur from October 26-28, 2016. New Delhi: DELNET – Developing Library Network, 2016. xxiv,340p.

DELNET Newsletter. Vol. 23, Nos. 1-2, 2016. Co-Editor : Sangeeta Kaul

XVII Biennial Elections

The biennial elections of DELNET for the term 2016-17 and 2017-18 were held in 2016. Dr. S. Varadarajan, the Founder President was given a befitting farewell for his contributions to DELNET at the Annual General Body Meeting which was held on May 2, 2016. Dr. J. P. Das took over as President for the biennial term at the meeting. The following were elected members of the Governing Board:

Dr. J.P.Das, *I.A. S.*	*President*
Dr. S. S. Murthy	*Vice-President*
Dr. H. K. Kaul	*Director*
Dr. P. R. Goswami, Director, Library and Information, IGNCA, New Delhi	*Treasurer*
Professor M. Jagadesh Kumar Vice-Chancellor, JNU, New Delhi	*Member*

Mrs. Neeta Verma — *Member*
Director General, NIC, New Delhi

Mr. Kumar Sanjay — *Member*
Chief Librarian-cum-Documentation Officer,
Niti Ayog, New Delhi

Mr. E. Ramesh — *Member*
Sr. Librarian,
Joginpally B. R. Engineering College,
Hyderabad

Ms. Archana Kulkarni — *Member*
Librarian, Aurora's Scientific,
Technological & Research Academy,
Hyderabad, Telengana

XVIII ACKNOWLEDGEMENTS

I would like to thank members of the Governing Board of DELNET including Dr. J. P. Das, President; Dr. S. S. Murthy, Vice-President; Dr. P. R. Goswami, Treasurer and other members of the Board including Prof. M. Jagadesh Kumar, Vice Chancellor, JNU; Mrs. Neeta Verma, Director-General, NIC; Mr. Kumar Sanjay, Chief Librarian-cum-Documentation Officer, Niti Ayog, New Delhi; Mr. E. Ramesh, Sr. Librarian, Joginpally B. R. Engineering College, Hyderabad; and Ms. Archana Kulkarni, Librarian, Aurora's Scientific, Technological & Research Academy, Hyderabad.

Thanks are also due to members of the Research Advisory Committee including Dr. A. R. D. Prasad, Professor and Head, DRTC, Dr. H. J. Abidi, Chief Librarian, Jamia Millia Islamia, Dr. Jaideep Sharma, University Librarian, IGNOU, Prof. I. V. Malhan, University Librarian, Head, DLIS, Dean, SoMC & IS, Central University., H. P., Dr. Surinder Kumar, Scientist F, Digital Archiving and Management, Tourism and Associated Organisations, NIC and Dr. Sangeeta Kaul, Network Manager, DELNET.

I would like to thank the management of Jawaharlal Nehru University (JNU) including Prof. K. Kasturirangan, the Chancellor, Mr. M. Jagadesh Kumar, the Vice-Chancellor and Dr. Pramod Kumar, Registrar, for their continued support.

Thanks are due to Mr. R. S. Mani, HOG, NKN etc., NIC for his continued support and guidance on the communication link between DELNET and NIC.

I would like to thank Mr. Amit Goel of M/s. S. S. Kothari Mehta & Co, for his efforts in auditing the accounts for the year 2015-16.

My thanks are due to Heads / Librarians and library staff of member-institutions for using DELNET resources and services. My special thanks to the Heads of Institutions of various institutions and their librarians, library staff and supporting officials who had collaborated with DELNET in organizing various workshops and programmes during the year.

I would like to thank Prof. Mihir Kanti Choudhari, Vice Chancellor, Tezpur University, Tezpur; Dr. Biren Das, Registrar; Dr. Mukesh Saikia, University Librarian, Dr. Monnawer Eqbal, Deputy Librarian and library staff for helping in organizing NACLIN 2016. I would also like to thank organizations including RRRLF, ICSSR, North Eastern Council (NEC); British Council, ICCR, DRDO; IGroup, Taylor & Francis Books India; Cengage Learning India and North-East Zone Cultural Centre, Dimapur for their assistance in organizing NACLIN 2016.

I thank the DELNET staff for making sincere efforts to manage various operations at DELNET. I offer special thanks to Dr. Sangeeta Kaul, Network Manager. I would like to thank the Consultants of the Coordination Units, Mr. O. N. Safapuri, Bangalore Unit, Dr. S. S. Murthy, Hyderabad Unit., Dr. Neela J. Deshpande, Pune Unit and Dr. S. D. Khan, Hamirpur Unit. My thanks are also due to the staff w working in the Coordination Units of DELNET.

We have been receiving help and support from various persons, naming them may not be possible here. I thank all of them for their goodwill and support.

H. K. Kaul
Director

March 31, 2017

Appendix I

DELNET Members as on March 31, 2017 - 5890

India

Andaman and Nicobar Islands	2
Andhra Pradesh	433
Arunachal Pradesh	7
Assam	23
Bihar	28
Chandigarh	16
Chhattisgarh	72
Delhi	265
Goa	15
Gujarat	250
Haryana	307
Himachal Pradesh	53
Jammu & Kashmir	27
Jharkhand	23
Karnataka	259
Kerala	192
Madhya Pradesh	406
Maharashtra	584
Manipur	4
Meghalaya	5
Mizoram	2
Nagaland	2
Odisha	106
Puducherry	23
Punjab	195
Rajasthan	311
Sikkim	7
Tamil Nadu	813
Telangana	547
Tripura	5
Uttar Pradesh	718
Uttarakhand	70
West Bengal	95

Outside India

Bhutan	1
Nepal	3
Sri Lanka	8
Pakistan	1
Oman	4
Philippines	1
United Arab Emirates	3
United States	4
Total	**5890**

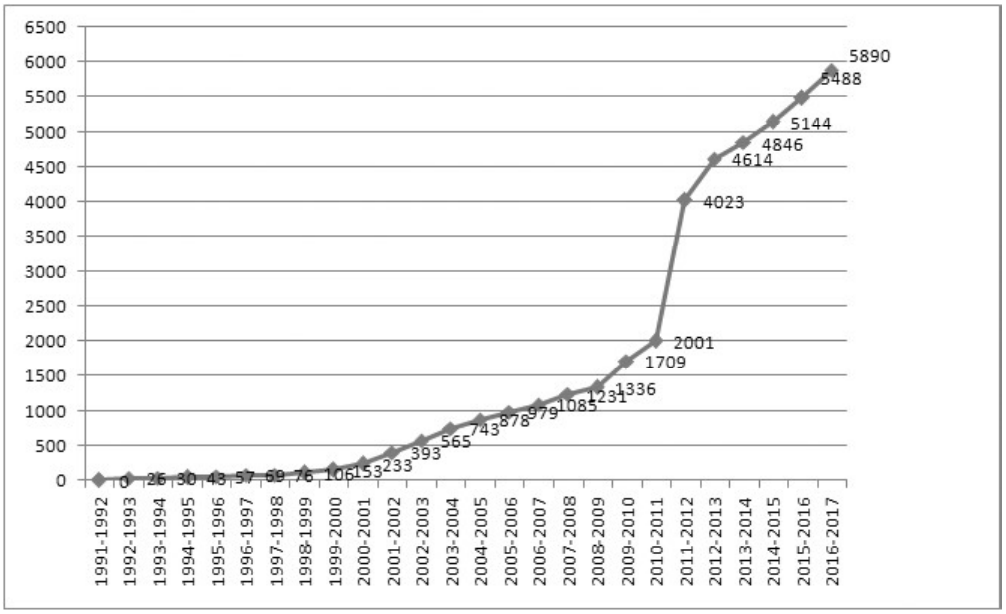
Subject-wise Breakup

General	429
Science and Technology	5246
Social Sciences	184
Humanities	31
Total	**5890**

Types of Libraries

Academic		5446
Universities	292	
Colleges	2668	
Institutes	2481	
Schools	5	
Research/Special		310
Public Libraries		16
Government Libraries		45
Libraries of Diplomatic Missions/UN Agencies		8
Miscellaneous including Trusts		65
Total		**5890**

Growth of DELNET Membership



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