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INFLIBNET NEWSLETTER



Page 15

Feature Article

**Indian National Research Productivity in
Library and Information Science**

**Rajesh Chandrakar
Jagdish Arora**

Editorial Board

Dr. Jagdish Arora
Shri Rajesh Chandrakar

SOUL Helpline

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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

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INFLIBNET Chat

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1. **Message from Director's Desk**
2. **Manthan South Asia Award to N-LIST Project**
3. **Collaborative Project of INFLIBNET Centre and CEC**
3. **Prof. Shukhdeo Thorat, Chairman, UGC uploaded 1111th E-thesis on Shodhganga**
5. **Subscription to Science Direct**
5. **Subscription to Wiley-Blackwell**
6. **Training Programmes on SOUL 2.0**
7. **INFLIBNET Regional Training Programme on Library Automation**
Thapar University, Patiala, October 4-8, 2010
Hrangbana College, Aizawl, December 6-10, 2010
9. **Awareness Programmes on UGC-Infonet Digital Library Consortium and N-LIST Programme**
Hemchandra North Gujarat University, October 10, 2010
Mangalore University, October 23-24, 2010
Gangadhar Meher College, Sambalpur, October 29, 2010
Karnataka University, Dharwad, November 10-11, 2010
Barrackpore Rastraguru Surendranath College, West Bengal, November 26, 2010
Cochin University of Science and Technology, Kochi, October 29, 2010
Mizoram University, Aizawl, November 15-16, 2010
14. **INFLIBNET Celebrated Navratri Garba**
15. **Feature Article: Indian National Research Productivity in Library and Information Science**
20. **Staff News**
Dr. Jagdish Arora
Shri Ashok Kumar Rai
Shri H G Hosamani
21. **INFLIBNET in Regional News**

From the Director's Desk



The last quarter of the calendar year 2010 brought a number of good news for the Centre. The Centre received two awards in quick succession. e-INDIA Jury Choice Award 2010 was received in August 2010, the Manthan South Asia Award 2010 was

bestowed upon the Centre in December 2010 for the N-LIST Project. The N-LIST project, funded by the Ministry of Human Resource Development under its National Mission on Education through ICT, has successfully extended access to e-resources to the colleges. The number of colleges enrolled under the N-LIST project has grown from less than 600 in April 2010 to more than 1,000 by the end of 2010. Pleased with the progress made in the project, the Ministry of Human Resource Development has enhanced the financial allocation made to the N-LIST project from Rs 20.00 crores in Financial Year 2009-10 to more than Rs 40.00 crores in the Financial Year 2010-2011. The increased financial allocation will enable us to provide additional resources to the existing colleges as well to enrol many more colleges into the programme.

After years of untiring efforts, the INFLIBNET Centre has finally succeeded in offering more than 1,500 additional journal titles published by two most reputed international publishers to the higher education community in India. The bouquet of 1,500 additional journals titles includes i) 1,036 journals from 10 subject collections from Elsevier's Science Direct for 60 universities; and ii) 500+ additional journals from Wiley-Blackwell for 115 universities. The total number of journals that are now accessible to the member universities under the UGC-Infonet Digital Library Consortium has grown to more than 7,500. We are indeed thankful to the UGC for providing us sufficient funds enabling us to add new resources for existing universities as well for extending the benefit of existing programme to the new universities.

With launch of UGC-Infonet 2.0 and switching over of ISP from ERNET to BSNL, the Internet connectivity given to universities was enhanced from 2 Mbps to 10 Mbps in the year 2010. I am pleased

that launching of UGC-Infonet 2.0 paved the way for quick execution of NKN/NME-ICT programme since the fibre optic cables laid by the BSNL for 180 universities served as infrastructure required for NKN. As such, out of 180 universities, half the universities have already moved to NKN/NME-ICT and are now availing much greater Internet bandwidth. It is expected that remaining universities would also be taken over by NKN / NME-ICT programme and UGC-Infonet 2.0 would get subsumed into NKN/NME-ICT programme.

Information literacy and user awareness is the most important ingredient for optimal utilisation of e-resources offered to the universities / colleges under UGC-Infonet Digital Library Consortium and N-LIST Programme. As such, the Centre conducted 7 User Awareness Programme in various universities during the period under report. Two IRTPLA training programmes on installation and use of SOUL Software were conducted at Thapar University and Govt. Hrangbana College, Aizawl.

The Institute building being constructed in Infocity, Gandhinagar is coming up very well. While progress has been made in construction of academic and administrative wing of the building, a detailed project proposal was submitted to the UGC for providing financial assistance for constructing guest houses, residential blocks and staff quarters. It is reliably learnt that the UGC has agreed to the proposal, in principle.

The Bibliometric Group, set up at the Centre, to study the impact of access to e-resources on research productivity in universities in India, has come out with its first study entitled "Indian National Research Productivity in Library and Information Science". The study has made some interesting revelations. It is obvious from the study that LIS schools in India has to work on contemporary topics in LIS and publish their research work in high impact journals to be visible in the global research scenario in LIS domain.



(Jagdish Arora)

Manthan South Asia Award to N-LIST Project

The National Library Information Services Infrastructure for Scholarly Content (N-LIST) Project@INFLIBNET Centre bags The Manthan South Asia Award 2010 under the e-Learning category. The total nominations under e-learning category were 46 which included 29 nominations from India, 10 from Sri Lanka, 3 from Pakistan, 3 from Bangladesh and 1 from Maldives. The award was presented to Dr. Jagdish Arora, Director and Mr. Ashok Kumar Rai, Scientist D (Computer Science), INFLIBNET Centre during the Award Night Ceremony at Parkland Exotica Hotel at New Delhi on December 18, 2010.



Dr Jagdish Arora, Director and Mr Ashok Kumar Rai, Scientist D(CS) Receiving The Manthon South Asia Award 2010

As on March 15, 2011, a total number of 1700 colleges have registered themselves with the N-LIST programme including 1170 Govt. / Govt.-aided colleges covered under the 12(B) and 2(F) Sections of the UGC Act. The Log-in IDs and passwords for accessing e-resources has been sent to the authorized users of these 1170 colleges. Remaining colleges are being advised to join the initiative as N-LIST Associates. All e-resources subscribed for colleges under the N-LIST Project are now accessible to these 1170 colleges through the project website at <http://nlist.inflibnet.ac.in>. **IN**

Collaborative Project of INFLIBNET Centre and CEC : Launch of Search Interface for CEC Video Database

Prof. Sukhdeo Thorat, Chairman, UGC and Chairman, Governing Council, INFLIBNET Centre launched the search interface for CEC Video Database on 4th December 2010 at INFLIBNET Centre, Ahmedabad.

The launch of the search interface is a synergy approach between the Consortium for Educational Communication (CEC) and the INFLIBNET Centre to reach out to the unreached for dissemination of textual and visual resources through use and application of ICT. The CEC and the INFLIBNET Centre of UGC provide information support for education and research to colleges and universities through their services and facilities. The CEC concentrates on creation and dissemination of multimedia-based learning e-resources, the INFLIBNET specialises in textual-based information retrieval services through its union databases and by facilitating access to full-text and bibliographic e-resources through consortium arrangements. Both the organizations make intensive use of Internet, Web and other communication technology to develop and disseminate their services. While both the institutions

work primarily for the same goal, albeit separately, there is a lot of scope for two institutions to cooperate, coordinate and collaborate in the process of creation, development and dissemination of their resources and services.

The CEC video database consists of bibliographic information on videos produced by CEC and its 17 EMMRCs. The Lucene-based search interface designed to facilitate users to interact with CEC Video database, browse, search and retrieve records from it. This interface is totally based on MARCXML. Metadata on education video are stored in MARCXML format. Apache Solr is being used to run search query using SolrJs and Jsp is being used to display results.

Features

User can search video cassettes by title, contributor, Media centre and by free text where user can search by any parameter. The interface provides auto suggestion facility. As such, user can perform search on inexact words as well. The interface is available for use at <http://www.inflibnet.ac.in/edu/index.html>. **IN**

Prof. Shukhdeo Thorat, Chairman, UGC uploaded 1111th E-thesis on Shodhganga: a Reservoir of Indian Electronic Theses and Dissertations

Prof. Shukhdeo Thorat, Chairman, UGC and Governing Council, INFLIBNET Centre uploaded 1111th e-thesis into Shodhganga: a reservoir of Indian theses and dissertations on 4th December 2011 during the Governing Council meeting of the INFLIBNET Centre at Ahmedabad. The initiative was launched by Prof Thorat on 27th January 2010 at Infocity, Gandhinagar during the Foundation Stone Laying Ceremony of the INFLIBNET building.

As of now, 17 universities have signed MoUs with the INFLIBNET Centre and researchers from 16 universities have submitted their theses into the repository. The total number of theses submitted into the repository has grown to 1147 as on 15th March 2011. Universities that have signed MoU with the INFLIBNET Centre for Shodhganga are as follows:

S.N.	Name of the University	Place	Date of Signing
1	Pondicherry University, Puducherry	Puducherry	30.08.2010
2	Central University of Rajasthan, Ajmer	Rajasthan	13.09.2010
3	Cochin University of Science & Technology, Cochin	Kerala	28.10.2010
4	Sri Venkateswara University, Tirupati	Andhra Pradesh	25.10.2010
5	Guru Nanak Dev University, Amritsar	Punjab	28.10.2010
6	Tamil University, Thanjavur	Tamil Nadu	02.11.2010
7	Institute of Chemical Technology, Mumbai	Maharashtra	20.11.2010
8	Bharathidasan University, Tiruchirappally	Tamil Nadu	25.11.2010
9	Sri Krishnadevaraya University, Anantpur	Andhra Pradesh	12.11.2010
10	Calicut University, Kerala	Kerala	03.01.2011
11	Manonmaniam Sundaranar University, Tirunelveli	Tamil Nadu	03.01.2011
12	Guru Ghasidas Vishwavidyalaya, Bilaspur	Chhattisgarh	20.02.2011
13	North-Eastern Hill University, Shillong	Meghalaya	09.03.2011
14	Tata Institute of Social Sciences, Mumbai	Maharashtra	09.03.2011
15	University of Hyderabad, Hyderabad	Andhra Pradesh	14.03.2011
16	V.B.S Purvanchal University, Jaunpur	Uttar Pradesh	15.03.2011
17	Manipur University, Imphal	Manipur	17.03.2011



Dr. Ramachandran Thekkedath, Vice Chancellor, CUSAT and Dr. Jagdish Arora exchanging signed MoU between INFLIBNET Centre and Coching University of Science & Technology (CUSAT), Kerala for joining Shodhganga on 28th October 2010.



Dr. N Chandramohankumar, Registrar handing over the E-Theses on CD to Mr. Manoj Kumar K, Scientist-D (CS), INFLIBNET for Shodhganga

IN

Subscription to Science Direct

Beginning January 2011, the UGC-INFONET Digital Library Consortium has extended access of 1036 journals from 10 subject collections of Science Direct to 60 universities. Elsevier's Science Direct is the world's largest full-text database in science, technology and medicine (STM) and the most sought after resource in the universities. Access to Science Direct till 2010 was restricted to only 34 titles published by Cell Press and Trends journals that were given to only 50 universities covered under Phase I of the Consortium. 10 subject collections subscribed for 60 universities includes Biochemistry, Genetics & Molecular Biology, Agriculture & Biological Science, Chemistry, Computer Science, Economics, Immunology & Microbiology, Mathematics, Physics &

Astronomy, Social Sciences and Psychology with access to back files since 1995. Universities are required to retain their print subscription for the year 2011 and enable the Consortium to evolve a suitable model for subscription to Science Direct on cost sharing basis. Besides, universities are also allowed to download 500 articles from remaining 10 subject collections that has not been subscribed using login-IDs & passwords given to them. Besides, access of Freedom Collection of Elsevier's Science Direct is provided to INFLIBNET so as to enable it to fulfill the document delivery request from other universities not included in the list of first 60 universities. **IN**

Subscription to Wiley-Blackwell

From October 2010, all the universities getting access to Blackwell publishing e-journals (453 titles) were provided trial access to 455 additional titles from HSS and ST collection of Wiley. The Consortium has subscribed to the enhanced collection from Wiley-Blackwell from January 2011 onwards that includes 908 titles

from HSS and ST collections of Wiley-Blackwell from January 2011. The subscription was paid for 95 universities and another 20 universities are given complimentary access to the enhanced Wiley-Blackwell collection. **IN**

Training Programme on SOUL 2.0

The Centre organised following two training programmes during the period under report. 87th Training programme on SOUL 2.0 was organised at the INFLIBNET Centre, Ahmedabad and Special Training Programme on SOUL 2.0 was organised at the KC Das Commerce College, Guwahati.

INFLIBNET, Ahmedabad, October 4-8, 2010

87th Training Programmes on SOUL 2.0 was organised from 4th to 8th October 2010 on operations and installation of SOUL 2.0 for five SOUL Coordinators and their nine technical assistants at the INFLIBNET Centre, Ahmedabad.



Participants of 87th Training Programme on SOUL 2.0 with the Director and Scientific Staff of the INFLIBNET Centre

KC Das Commerce College, Guwahati, November 15-19, 2010

The INFLIBNET Centre, in collaboration with the KC Das Commerce College, Guwahati organised Training Programme on Installation and Operations of SOUL 2.0 for the college librarians of Assam and North-East India from 15th to 19th November 2010. The programme was inaugurated by Dr. Hitesh Deka, Principal of KC Das Commerce College, Guwahati. Dr. Deka, in his inaugural speech, said that the SOUL is one of the best library management software, which is widely used in the universities and colleges of the NE region. He said that the KC Das Commerce College is the first college in Assam to introduce OPAC in 2006 and Web-OPAC in 2010



Participants and Resource Persons of the Training Programme on Installation and Operations of SOUL 2.0

using SOUL software. Besides, the college is also the first user of the N-LIST programme in the region that provides benefits of access to 51,000 e-books and 2100 e-journals to students and faculty in the college.

Dr. Sanjay Singh, Regional SOUL Coordinator for NE Region & Reader, Department of Library and Information Science, Gauhati University welcomed the guests and participants and highlighted the need for the training programme. Sh. H G Hosamani, Scientist B (LS), INFLIBNET Centre expressed his view on library automation and importance of the training programme for the region. The five days was devoted to imparting training on SOUL 2.0 software. Morning sessions were used for presentations

and afternoon sessions were used for "hands-on" practice. Besides, Sh. H G Hosamani, Sh. Mayur Gohel, Technical Assistant (CS), Sh. Nityananda Pathak, ATP Trainee, INFLIBNET Centre served as resource persons. Sh. Anupam Sharma and Sh. Jamini Saikia, Technical Assistants, Regional SOUL Coordinator, Guwahati helped the participants in the "hands-on" practice session.

Ms Jyotikona Choudhury, Assistant Librarian, KC Das Commerce College, Guwahati extended a warm vote of thanks to the guests, participants and resource persons. 35 librarians from different parts of Assam and NE region participated in the programme. All the participants were given certificate of participation, SOUL Manual and SOUL 2.0 software. **IN**

INFLIBNET Regional Training Programme on Library Automation

Two INFLIBNET Regional Training Programme on Library Automation (IRTPLA) were organized by the INFLIBNET Centre in collaboration with Thapar University, Patiala and Govt. Hrangbana College, Aizawl. A brief reports of the programmes are given below.

Thapar University, Patiala, October 4-8, 2010

Central Library, Thapar University, Patiala, in collaboration with the INFLIBNET Centre organised IRTPLA from 4th to 8th October 2010. Ms. Archana Nanda, Information Scientist, Thapar University welcomed the chief guest, resource persons, delegates and guests. Dr. Rama Verma mentioned that the Thapar University has long association with the INFLIBNET well before release of SOUL 1.0 during the tenure of Dr. Janak Raj, former Librarian, Thapar University. Dr. K.K. Raina, Deputy Director, Thapar

University and Chief Guest inaugurated the programme. Dr. Raina, in his address, appreciated the initiative and desired that such programmes should be organised on regular basis. He opined that faculty and research scholars in the entire country should be aware about activities and services of the INFLIBNET Centre. Ms. Vaishali Shah, STO-I (LS), INFLIBNET Centre presented a brief report on activities and services of the INFLIBNET Centre. Ms. Nabila Shaikh, SOUL Technical Assistant (LS) and Ms. Seema Chavda, Project Assistant (LS) were also the resource persons for the training programme from the INFLIBNET Centre. Different modules of SOUL 2.0 were demonstrated along with theory and "hands-on" practice during 3-day programme. 30 participants from different universities and colleges participated in the programme. Dr.(Ms.) Rama Verma acted as Convener and Ms. Archana Nanda as Coordinator for this programme. Participants were given certificates of participation during the Valedictory function. The programme was concluded with the vote of thanks from the coordinator.



Participants of the IRTPLA Training Programme at Thapar University, Patiala along with Resource Persons from INFLIBNET Centre

Govt. Hrangbana College, Aizawl, December 6–10, 2010

The Govt. Hrangbana College, Aizawl in collaboration with the INFLIBNET Centre, Ahmedabad organised 5-day IRTPLA programme from 6th to 10th December 2010. The Chairman of the Programme, Mr. K Liantuala, Principal, Govt. Hrangbana College welcomed the participants, faculty and guests. The Chief Guest of the Programme, Prof. Pravakar Rath, Head, Department of Library & Information Science, Mizoram University, Aizawl delivered the inaugural address. Sh. Rajesh Chandrakar, Scientist B (LS), INFLIBNET Centre delivered the Keynote address on INFLIBNET Centre: its activities, services and N-LIST Programme for colleges. The Coordinator of the Programme, Mr. Lalchatuana,

Librarian, Govt. Hrangbana College provided a brief about the training programme to the participants and guests. Dr. Kalyan Adak, Reader & Chairman, Research Cell, Govt. Hrangbana College proposed a warm vote of thanks. 26 professionals including college librarians and teachers from different colleges of the state affiliated to the Mizoram University participated in the programme. Besides, Sh. Chandrakar, Shri B Lalrawngbawla, Lecturer, Govt. Hrangbana College, Aizawl, Shri Vijay Kumar Srimali, Technical Assistant, INFLIBNET Centre and Shri Anupam Sharma, Technical Assistant from SOUL Regional Centre, Guwahati were resource persons for the programme. During the training programme following topics were covered:

INFLIBNET Centre: its activities, services and N-LIST Programme for Colleges	Shri Rajesh Chandrakar
SOUL 2.0 Overview and its different Modules	Shri Vijay Kumar Srimali
WebOPAC	Shri Anupam Sharma
Computer Networking	Shri B Lalrawngbawla
Installation and "Hands-on" Practice	Shri Vijay Srimali and Sh. Anupam



Shri Rajesh Chandrakar, Scientist B (LS) from the INFLIBNET Centre along with Prof. Pravakar Rath, Head, Department of Library & Information Science, Mizoram University, Aizawl, Mr. K Liantuala, Principal, Govt. Hrangbana College and Participants of the Programme along with Mr. Lalchatuana, Coordinator of the Programme **IN**

Awareness Programme on UGC-Infonet Digital Library Consortium and N-LIST Programme

As part of the information literacy initiative, the INFLIBNET Centre organises user awareness programme for UGC-Infonet Digital Library Consortium and N-LIST in the universities and colleges having access of e-resources. During the current quarter, the Centre organised user awareness programme on UGC-Infonet Digital Library Consortium and N-LIST Programme at the following universities and colleges:

Hemchandracharya North Gujarat University, Patan, October 10, 2010

The Department of Library and Information Science, Hemchandracharya North Gujarat University (HNGU), Patan, in collaboration with the INFLIBNET Centre, organised One-day User Awareness Programme on N-LIST at HNGU on 19th October 2010. Dr. M G Patel, Incharge University Librarian, S U Patel Library, HNGU welcomed the participants and guests from the colleges. The programme was inaugurated by Prof. Hemaxi Rao, Vice Chancellor, HNGU by lighting the traditional Lamp. Prof. Hemaxi Rao, in her inaugural address, opined that ICT is playing an important role in building the knowledge society and the use of ICT can play a vital role in betterment of society. Dr. D M Patel stressed upon the importance of e-resources and usefulness of N-LIST Programme. Shri Ashok Kumar Rai made a detailed presentation on functions of the INFLIBNET Centre, its activities and services. He also made a detailed presentation on N-LIST programme including e-resources offered, process of joining the programme, methods of access, cost-benefit analysis, etc. More than 250 participants comprising of principals, librarians of colleges and associate professors affiliated to the University attended the programme.

A detailed discussion was held amongst the participants and resource persons after the presentations regarding the access to e-resources and e-books available under the N-LIST programme. Shri Surendra Rawal, Technical Assistant, S U Patel Library proposed a warm vote of thanks.

Mangalore University, Mangalore, October 23-24, 2010

The Mangalore University, in collaboration with the INFLIBNET Centre, organised 2-day "User Awareness Workshop on Access to e-Resources and N-LIST Programme" under UGC-Infonet Digital Library Consortium and N-LIST Programme for the users of the Mangalore University and the colleges affiliated to the University from 23rd to 24th October 2010 at Mangalore University. 135 participants consisting of faculty members, research scholars and students of the University along with principals and librarians of the affiliated colleges participated in the programme. The workshop was inaugurated by Dr. Jagdish

Arora, Director, INFLIBNET Centre, Ahmedabad and was presided over by Prof. T C Shivashankara Murthy, Vice Chancellor, Mangalore University. Dr. M K Bhandi, University Librarian, welcomed the Chief Guest, faculty and participants. Dr. Y T Mallaiah, Deputy Librarian, Mangalore University briefed the participants about the workshop. Dr. Jagdish Arora, in his inaugural speech, delivered a talk on "UGC-Infonet Digital Library Consortium: its current status & future endeavors and N-LIST Programme for Colleges" wherein he narrated about the access of full-text e-resources and bibliographic databases provided to the university under the UGC-Infonet Digital Library Consortium and the e-resources and e-books provided to the affiliated colleges through N-LIST Programme. Prof. T C Shivashankara Murthy, in his presidential remarks, highlighted his own experience of using libraries in India and in Canada during 1975, where he found vast differences between libraries of these two countries. Dr. S S Kumbar, Deputy Librarian, Mangalore University proposed a warm vote of thanks. Representatives from the publishers such as CAS (for SciFinder), Elsevier, Cambridge University Press, Springer Link, Informatics India (for JCCC), American Chemical Society, Taylor & Francis and Annual Reviews made their presentations on e-resources offered by them. The Valedictory session of the Workshop was organised on 24th October 2010. Shri V R Nanjangud, Director, Computer Centre of Mangalore University presided over the function and Shri P V Mohan, Syndicate Member, Mangalore University was the Chief Guest of the session. Dr. M P Gowda, Librarian, NITK, Surathkal, Mangalore extended a warm vote of thanks.



Dr. Jagdish Arora, Director, INFLIBNET Centre lighting the traditional Lamp while Inaugurating the Awareness Programme at Mangalore University, Mangalore

Gangadhar Meher College, Sambalpur, October 29, 2010

The Gangadhar Meher College (Autonomous), Sambalpur, in collaboration with the INFLIBNET Centre, organised User Awareness Programme on Extending Access to E-resources to Colleges under N-LIST programme for the colleges affiliated to Sambalpur University, Orissa on 29th to 30th October 2010. The principals and librarians of 30 colleges of the region participated in the programme. Shri Ashok Kumar Rai, Scientist D (CS), INFLIBNET Centre, Ahmedabad made a presentation on N-LIST Programme that provides access to 2,100 e-journals and 51,000 e-books to the colleges covered under 12(B) and 2(F) Sections of the UGC Act. The programme was inaugurated by Prof. Sulok Sunder Mohanty, Principal, Gangadhar Meher College (Autonomous), Sambalpur. Dr. B K Patel, Librarian, Gangadhar Meher College (Autonomous), Sambalpur extended a warm vote of thanks. The participants were asked to register for the N-LIST programme on the spot and avail the benefit of the access to e-resources offered under the programme.

The programme was coordinated by Dr. B. K. Patel, Librarian and Smt. Puspa Pattanaik, Assistant Librarian, Gangadhar Meher College. Prof. K.C. Panda, Professor and Head, Department of Library and information Science, Sambalpur University and Dr. R.K.

Thaty, Chief Librarian, Prof. Bhubaneswar Behera Central Library, Sambalpur University, Sambalpur made presentations on "Management of Learning Resources" and "Open Access to Scholarly Communication", respectively.

Karnataka University, Dharwad, November 10-11, 2010

The University Library, Karnataka University, Dharwad, in collaboration with the INFLIBNET Centre, organised User Awareness Programme on Access to E-resources through N-LIST Programme and UGC-Infonet Digital Library Consortium to Colleges and University on 10th and 11th November 2010 respectively at University Library. Dr. S B Patil, University Librarian welcomed the guests and participants and briefed them about the user awareness programme. The programme was inaugurated by Dr. S.C. Puranik, Dean, Faculty of Science & Technology, Karnataka University, Dharwad by lighting the traditional Lamp. Prof. Puranik, in his inaugural address, appreciated the efforts of the INFLIBNET Centre and the University Library. He also emphasized on the need of such programmes in the future. Dr. S L Sangam, Professor and Chairman, Department of Library and Information Science, Karnataka University, in his presidential address, discussed the activities of INFLIBNET Centre and appealed to the beneficiaries to drive maximum benefits of access to e-resource provided by the

INFLIBNET Centre to the colleges and universities through N-LIST and UGC-Infonet Digital Library Consortium, respectively. The inaugural function was concluded with vote of thanks proposed by Dr. R M Vatnal, Senior Assistant Librarian, Karnataka University.



Dignitaries on the Dias during User Awareness Programme on Access to E-Resources at Karnataka University, Dharwad

Smt. Hema Cholin, STA-II (LS), INFLIBNET Centre, Ahmedabad during the technical session provided an overview of the N-LIST programme. She made detailed presentation on the e-journals and e-books provided under the N-LIST Programme to the affiliated colleges of the Karnataka University. She also made presentation on the e-resources provided under the UGC-Infonet Digital Library Consortium to the University.

Representatives from the Publishers and aggregators made presentations on the e-resources available to the university and colleges under both the initiatives. Those publishers and aggregators were Informatics (India) Ltd. (for JCCC and Annual reviews), Springer (India), Balani Infotech (for SIAM & ACS), Wiley-Blackwell and Elsevier. 150 participants on 10th November 2010 and 120 participants on 11th November 2010 participated in the programme.

Barrackpore Rastraguru Surendranath College, West Bengal, November 26, 2010

The INFLIBNET Centre, Ahmedabad organised N-LIST Awareness Programme in collaboration with the Central Library, Barrackpore Rastraguru Surendranath College, West Bengal on 26th November 2010. The awareness programme was a part of 2-day UGC Sponsored National Seminar on E-Resource Management in

Academic Libraries of the College. Dr. Ajoy Kr. Mukherjee, Principal, Barrackpore Rastraguru Surendranath College delivered a welcome address to the participants and guests. Prof. Ashoke Ranjan Thakur, Hon'ble Vice-Chancellor, West Bengal State University inaugurated the programme by lighting the traditional Lamp. Prof. Thakur, in his speech, expressed the need of e-resources through consortium model to enhance research and development. Dr. Ratnabali Banerjee, Jt. Secretary, UGC (ERO), described the role of e-resources on research. She also appealed to the audience to exploit the benefits of N-LIST and UGC-Infonet for betterment of academic research. Prof. Soumitra Sarkar, University Librarian, University of Calcutta delivered keynote address. Prof. Sarkar described the role of e-resources and advantages of consortia especially INDEST, UGC-Infonet and N-LIST. Prof. Ashis Dasgupta, University of Kolkata & President, Governing Body of the College, in his speech, described the emerging need of ICT enabled teaching & learning. Dr. Sandip Dasgupta, Principal, Dumdum Motijheel College, Kolkata extended a warm vote of thanks.



Sh. Abhishek Kumar, Scientist B (CS) from the INFLIBNET Centre delivering his Talk

Prof. Amiyanshu Chatterjee, University of Calcutta chaired the first technical session presented by Sh. Abhishek Kumar, Scientist B (CS), INFLIBNET Centre and Prof. Soumitra Sarkar, University Librarian, University of Calcutta. Sh. Abhishek made a presentation on the "Role of Consortium's e-Journals with Special Reference to N-LIST". The presentation of Sh. Abhishek was followed by the Panel Discussion, where-in panelist had discussions on the following issues:

- shortage of literature in social science should be minimize;
- strength of mathematics, management studies, commerce and chemistry (other than RSC) should be increased;
- subject-wise customization of available resources with single platform for all available resources may be initiated to promote usages of the e-resources;
- access of the back volumes of the journals should be provided; and
- subject specific add-on package (on additional payment) may be incorporated under N-LIST platform.

The programme was concluded with a warm vote of thanks by Sh. Joydip Chandra, Librarian of the College and Joint Convener of the Seminar.

Cochin University of Science & Technology, Kochi, October 29, 2010

The Cochin University of Science & Technology (CUSAT), in collaboration with the INFLIBNET Centre, organized a One-day User Awareness Programme on Access to e-Resources under the UGC-Infonet Digital Library Consortium on 29th October 2010 for the benefit of faculty members, research scholars, students and library professionals of CUSAT. The programme was inaugurated by

Dr. Jagdish Arora, Director, INFLIBNET Centre. The programme was presided over by Dr. Godfrey Louis, Pro Vice-Chancellor, CUSAT. Dr. Arora, in his inaugural speech, highlighted the significance of scholarly publications and the role of libraries in enhancing the quality of research. He also appreciated the fact that research productivity of CUSAT has increased and emphasized that the library professionals should update themselves with new tools and techniques of ICT and digital library. Sri Baby Chakrapani, Syndicate Member and Dr. Philip Kurian, Controller of Examination felicitated the function. Smt. Baby Valsala C.P., University Librarian in-charge welcomed the participants and guests while emphasizing the importance of user awareness programme. Sri Anoop Varma G., Junior Librarian proposed a warm vote of thanks. 150 participants consisting of research scholars, faculty members, library professionals and information scientist from CUSAT participated in the programme. Publishers / their representatives who made presentations on their e-resources available to the university were Balani InfoTech (for SIAM Journals, ACM and Project Muse), Cambridge University Press, Informatics India (for JCCC and Annual Reviews) and Springer. The programme was concluded with distribution of certificate to the participants.

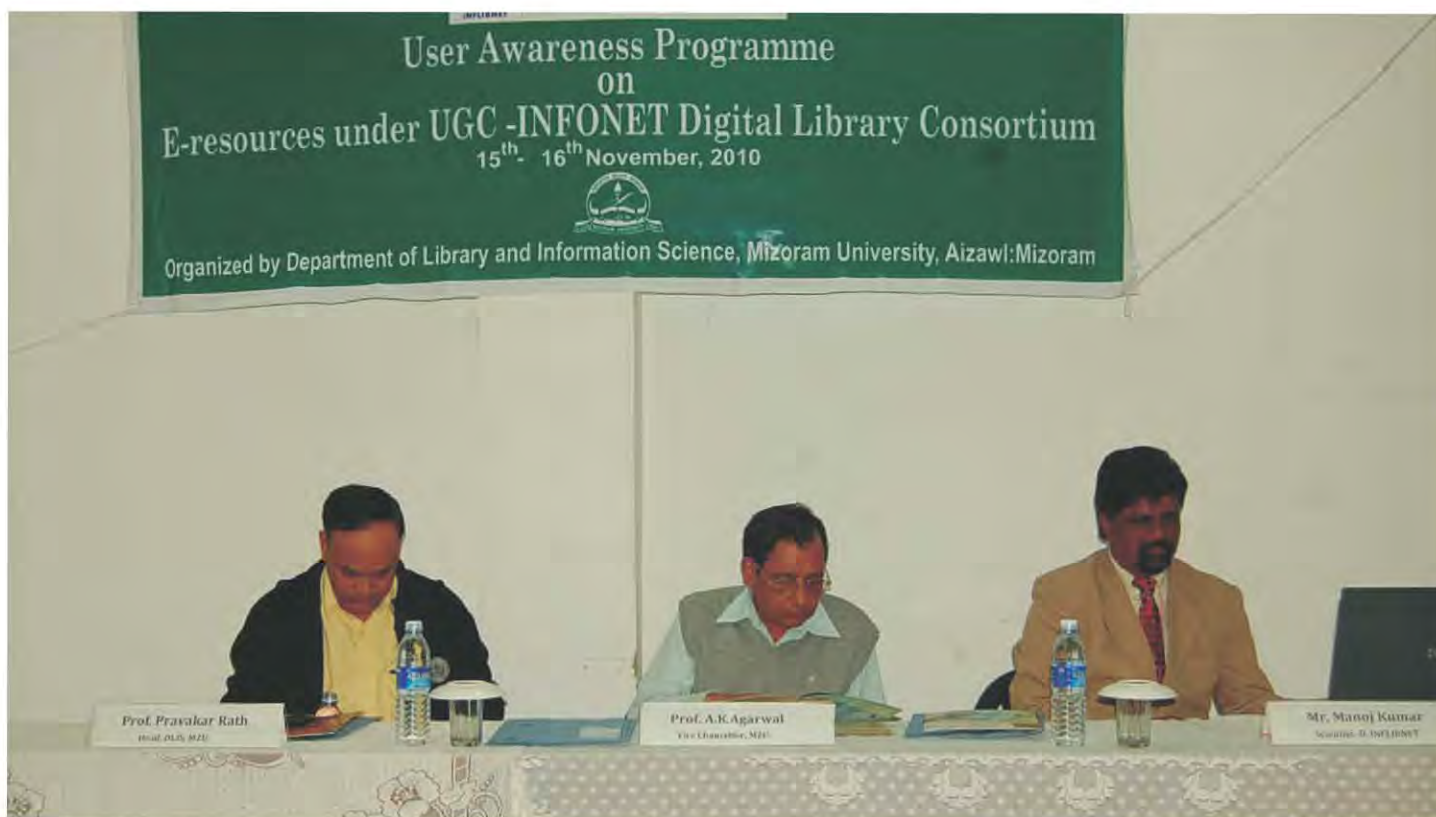


Dr. Jagdish Arora, Director, INFLIBNET Centre lighting the traditional Lamp while Inaugurating the Awareness Programme at CUSAT, Kochi

Mizoram University, Aizawl, November 15-16, 2010

The INFLIBNET Centre, in collaboration with Mizoram University, Aizawl, organized 2-day Awareness Programme on UGC-Infonet Digital Library Consortium from 15th to 16th November 2010. The awareness programme was inaugurated by Prof. A K Agarwal, Vice Chancellor, Mizoram University. Prof. Pravakar Rath, Head, Department of Library and Information Science and Coordinator of the Programme welcomed the participants and guests to the programme. Sh. Manoj Kumar K, Scientist D (CS), INFLIBNET Centre delivered keynote address on UGC-Infonet Digital Library

Consortium. The first day of the training programme was devoted to the social science and humanities while second day was devoted to science and technology. More than 200 participants consisting of faculty members, research scholars and students of the university participated in the programme. Publishers or their representatives who made presentations on the e-resources available to the university were Balani InfoTech (for SIAM Journals, Project Muse and ACS), Informatics India (for JCCC and Annual Reviews), Springer and GIST (for Oxford University Press and Wiley-Blackwell). **IN**



Sh. Manoj Kumar K, Scientist D (CS), INFLIBNET Centre along with Prof. Pravakar Rath, Head, DLIS, Mizoram University, Aizawl and Prof. A K Agrawal, Vice Chancellor, Mizoram University

Access Shodhganga on <http://shodhganga.inflibnet.ac.in>

INFLIBNET Celebrated Navratri Garba

The INFLIBNET Centre celebrated Navratri Garba festival on its campus on 10th November 2010. The INFLIBNET staff and their families along with Director and his family joined the celebration. The function began with pooja of Goddess Durga. Every one present in the campus participated in the pooja and Garba. Prizes

were distributed to children and staff members for best Garba, best traditional dress, etc. Mrs. Anita Arora, NIC, Delhi and Ms Shilpa Vaidya, Teacher, Ahmedabad International School, Ahmedabad were jury for the programme. Dinner was served at the end of function. **IN**



Dr. Jagdish Arora, Director along with Jury Members Mrs. Anita Arora and Ms. Shilpa Vaidya

Recorded videos of the Navratri Garba celebrated at the INFLIBNET campus are available for view at official YouTube Channel of the Centre at <http://www.youtube.com/inflibnet>.

Feature Article : Indian National Research Productivity in Library and Information Science

The INFLIBNET Centre has recently formed the Bibliometric Group to undertake bibliometric studies and to measure the impact of access to e-resources (provided to universities by the Centre) on research productivity in universities. The Group has started working with the data from Web of Science and other databases subscribed by the Centre for analysing the research output. As part of the study, the Group has come out with its first study on research output in library and information science. The study on "Indian national research productivity in library and information science" is presented by Shri Rajesh Chandrakar, Scientist B (LS) and Dr. Jagdish Arora, Director, INFLIBNET Centre. The study was assisted by Shri Pallab Pradhan, Project Associate (LS), Mrs. Preeti Sharma, Project Officer (LS) and Shri Imran Mansuri, Project Assistant (LS) of the Centre.

The value and importance of libraries for higher education and research has received due recognition in India since ancient period, when India had Gurukul educational system with Takshashila (6th Century BC), Vikramshila (6th Century AD), Nalanda (4th Century AD) and Sirpur (4th Century AD) ancient seat of learnings. Historically, the Nalanda had huge library equivalent to a nine-story building (Chandrakar & Arora, 2009). The library had hand-written manuscripts and secret reading materials pertaining to study and research in science, astronomy, medicine, logic, philosophy, Buddhism, Hinduism, and literature. Research carried out during this period under various stalwarts is well known. Some of these scholars were Aryabhata, Bhaskaracharya II, Acharya Kanad, Nagarjuna, Acharya Charak, Acharya Sushrut, Varahamihir, Acharya Patanjali, Acharya Bharadwaj, Acharya Kapil and Kautilya. These scholars conducted research in the field of astrophysics & mathematics, algebra, atomic theory, chemistry, medicine, surgery, astrology & astronomy, yoga, aviation, cosmology and economics, etc. The manuscripts written by them are marvels of research conducted in ancient period that created landmark in the society. These manuscripts are *Aryabhatiyam*, *Lilavati*, *Bijagnita*, *Siddhant Shiromani*, *Surya Siddhant*, *Vaisheshik Darshan*, *Ras Ratnakar*, *Rashrudaya*, *Rasendramangal*, *Arogyamanjari*, *Yogasara*,

Charak Samhita, *Shushrut Samhita*, *Panchsiddhant*, *Bruhad Samhita*, etc.[1]. Besides, the Vedic literatures in the form of *Vedas*, *Upanga*, *Upa-Veda*, *Ayur-Veda*, *Brahmana* and *Pratishakhya* embodies universe of knowledge.[2]

The present higher education system in India was established after the independence from the Britishers in 1947. Since last 6 decades, the growth in the area is remarkably high. The number of universities has increased to more than 550 and colleges have increased to more than 22,000 from 20 universities and 500 colleges in 1947. In addition, Central Government has established 16 new universities, 6 IIMs and 8 IITs in different states of the country (Chandrakar & Arora, 2009). However, considering the geographical area and population of the country, the wings of the higher education system need to be strengthened and widened. The need for expansion of higher education has been expressed by several academicians and policy makers at various occasions keeping in view the literacy rate, gross enrolment ratio (GER) in the higher education and research productivity of the country.

The INFLIBNET Centre has taken a decision to analyze the research output of the country in different subject domains to support policy makers on higher education system in the country. The report on research output in the library and information science is first in the series started by the Centre. The decision to conduct bibliometric study and evaluating the research output of the nation is influenced by the importance given to the higher education system as well as political will to increase visibility of research work done in India and to improve ranking of educational institutions in global perspective.

World University Rankings and Research Productivity

There are three reputed global rankings of the world universities presented by the three different institutions, i.e. Academic Ranking

of World Universities compiled by the QS World University Ranking, Times Higher Education World University Ranking and Shanghai Jiao Tong University. These three institutions have used different sets of indicators and criteria for ranking the universities. However, all the three ranking indicate to one core area i.e. "research". The ranking criteria used by them are briefly described below for reference:

QS World University Ranking: Indicators used are "Academic Peer Review" (61.25 %), "Employer Review" (8.79 %), "Student Faculty" (0.05%), "Citations Per Faculty" (32.40 %), "International Faculty" (0.14 %) and "International students" (0.10 %). [3]

Times Higher Education: Indicators used are: "research" (30 %), "citations" (32.5 %), "teaching" (30 % for learning environment), "industry income" (2.5 %) and "international mixes" (5 %). [4]

Shanghai Jiao Tong University for Academic Ranking of World University: Indicators used are: "Research Productivity" (20 %), "Research Impacts" (30 %) and "Research Excellence" (50 %). [5]

Review of their "ranking criteria" and "study indicators" reveals that the "research" gets maximum weightage in the study of ranking of world universities, which is supported by its publication in "peer-review" journals followed by "citations" per article. Thus, it is important for an academic institution to channelise its maximum resources for conducting of higher quality research to obtain a good ranking into the list of the world university. Further, it is also important for an institution to demonstrate positive impact, cost-benefits and return on investment (ROI) to its administrators. The quality of the education co-relates with the research productivity in terms of scholarly output of international repute is one of the crucial indicators for measuring the cost benefits and ROI of an institution.

The Library and Information Science

The history of library science teaching and research in India is comparatively new. The term "library science" seems to have been used first in the "Panjab Library Primer" in 1916 published by the University of the Panjab, Lahore (now in Pakistan). The University was also the first University in Asia to have opened first library science school in Asia. In 1931, Dr. S. R. Ranganathan, Father of Library Science in India, wrote a book entitled "The Five Laws of Library Science". Library Science and Information Science are now used synonymously.

Presently, the country has around 100 library and information science schools in universities and colleges awarding degrees on library and information science. Besides the regular courses, some of the library schools also impart us education by correspondence

and distance education mode. Moreover 33 institutions, deemed to be universities and colleges have library schools affiliated to some of the universities (Data collected from different sources such as University Handbook, University websites, etc.). As per the data available through the theses database of the Centre, 62 library schools provide doctoral degree in library and information science. 60 universities who are member of the UGC-Infonet Digital Library Consortium have been provided access of about 50 International peer-reviewed electronic journals since establishment of the Consortium in 2004 (trial access of e-resources started from year 2003). The Documentation, Research and Training Centre (DRTC), Indian Statistical Institute, Bangalore and National Institute of Science Communication and Information Resources (NISCAIR), New Delhi are two national level institutions that provide two years integrated Fellowship and Associateship degrees in library and information science.

Source Data for Study

In the global perspective, the bibliometric studies often called science indicators studies is performed on the publications and citation data obtained from citation indices published by Thompson Reuters, which includes Science Citation Index (SCI), Social Science Citation Index (SSCI) and Arts & Humanities Citation Index (AHCI) as multidisciplinary citation resource. These citation databases published by Thompson Reuters on the Web of Science platform indices about 10,000 high-quality core journals from every field. The Group observes that countries with significant scientific and industrial enterprises have used bibliometrics study on Web of Science data. The institutions from different countries use these indicators from Web of Science to find the national research output. Most of the countries who use Web of Science for bibliometric study are Argentina, Australia, Belgium, Brazil, Chile, China, Finland, France, Germany, Israel, Italy, Japan, the Netherlands, New Zealand, Norway, Portugal, South Africa, Spain, Sweden, Switzerland, Taiwan and the United States. (Thompson Reuters, 2008)

For studying doctoral research in India, INFLIBNET's union database of theses [7] is used along with other scholarly research publications. The database has more than 2,34,200 bibliographic records of the Ph.D. theses awarded by the Indian academic universities and institutions on different subjects.

The data for the present study is taken from 86 high impact, peer-review international journals in library and information science indexed in the SSCI database on the Web of Science platform. The data allowed us to examine on area of research interest and strength of library and information science professionals in India and international links of nation's library schools.

Methodology

The study is based on the 11 years articles published during the years 2000 to 2010 and indexed in the SSCI database. The study covers only scholarly "articles" indexed in the database. The study includes the research publications of the Indian authors and their affiliated international collaborators. The result from the SSCI database was imported in the MS Excel for further study and analysis. The study is restricted to the library schools, academic institutions and research labs of the country. The research publications from the Information and Library Network (INFLIBNET) Centre, Ahmedabad is also used in the study as it is a nodal centre for academic institutions of the country facilitating resource sharing and networking among universities through its various programmes and projects.

Research Publications

In the last decade from 2000 to 2010, India has published 302 research papers in 86 International peer-reviewed journals which are indexed in SSCI database on Web of Science platform. As per the data from SSCI, India has achieved substantial growth in its annual output of research publications in the field of library and information science. Table 1 and figure 1, depicts gradual increase in the number of research articles indexed in the SSCI database from 2000 to 2010. It reveals that after an essentially "no growth" period from 2000 to 2004, the growth in the number of publication has sharply increasing from 20 in 2004 to 44 in 2010. The research publications in the form of article has more than doubled from 2004 to 2010, essentially, because of accessibility of more than 50 International peer-review e-journals in library and information science under the UGC-Infonet Digital Library Consortium to the library schools and member libraries of the Centre since 2004.

Year	No. of Publications
2000	17
2001	22
2002	18
2003	22
2004	20
2005	28
2006	33
2007	22
2008	37
2009	39
2010	44
Total	302

Table 1: Articles in LIS covered in SSCI, WoS

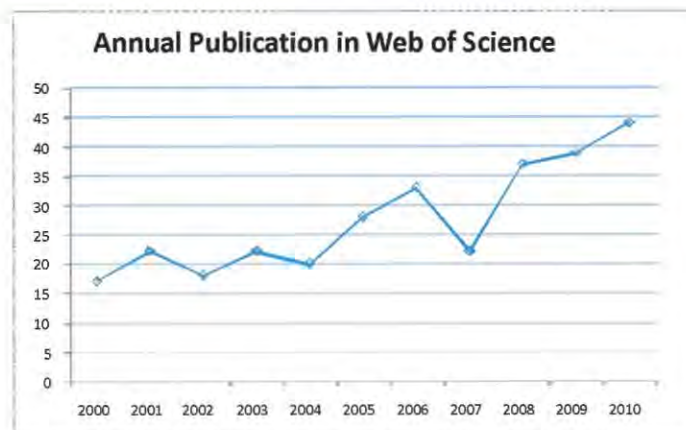


Figure 1 : Increase in India's Research output in Library and Information Science from 2000 to 2010

Research Publications and Institutional Affiliations

The study of the research output in library and information science reveals that the country has about 100 library schools in universities and 33 library schools in other institutions, but the result of scholarly output in library and information science discipline paints gloomy picture as compare to the number of library schools available in the country. The table 2 lists on top 29 institutions who made its presence in Web of Science database with at least 4 articles shows that apart from DRTC, Bengaluru and NISCAIR, New Delhi, only 8 library schools are included in the list. Other institutions in the top 29 list are institutions and R&D labs including INFLIBNET Centre. The table 3 lists top 22 library schools of the country who has at least 2 articles indexed in the Web of Science database with DRTC and NISCAIR who lead the list at rank 1 and 2, respectively. It is observed that about 35 library schools i.e. one-third in the country has published at least one article that is indexed in the Web of Science database.

Sl. No.	University/Institute's Name	Record Count	Ranking
1.	National Institute of Science Technology & Development Studies, CSIR, New Delhi	48	1
2.	DRTC, ISI, Bengaluru	16	2
3.	National Institute of Science Communication & Information Resources (NISCAIR), New Delhi	14	3
4.	Indian Institute of Technology, New Delhi	12	4
5.	Indian Institute of Technology, Kharagpur	12	4
6.	INFLIBNET Centre, Ahmedabad	11	5
7.	Bhabha Atomic Research Centre, Mumbai	10	6
8.	Central Leather Research Institute, CSIR, Chennai	9	7
9.	University of Delhi, Delhi	8	8
10.	Indian Institute of Management, Kolkatta	7	9
11.	Karnataka University, Dharward	7	9

12.	MS Swaminathan Research Foundation, Chennai, Tamil Nadu	6	10
13.	Sambalpur University, Orissa	6	10
14.	Indian Institute of Management, Ahmedabad	5	11
15.	Indian School of Business, Hyderabad	5	11
16.	Indira Gandhi National Open University, New Delhi	5	11
17.	Management Development Institute, Gurgaon, Haryana	5	11
18.	University of Mysore, Karnataka	5	11
19.	Aligarh Muslim University, Delhi	4	12
20.	Banaras Hindu University, Uttar Pradesh	4	12
21.	Central Glass and Ceramic Research Institute, West Bengal	4	12
22.	National Informatics Centre (NIC), New Delhi	4	12
23.	National Centre for Science Information (NCSI), IISc, Bengaluru	4	12
24.	National Institute of Technology, Tamil Nadu	4	12
25.	National Physics Laboratory, CSIR, New Delhi	4	12
26.	National Research Laboratory for Conservation of Cultural Property (NRLC), Lucknow, Uttar Pradesh	4	12
27.	North-Eastern Hill University, Meghalaya	4	12
28.	University of Madras, Chennai, Tamil Nadu	4	12
29.	Utkal University, Bhubaneswar	4	12

Table 2: Top 29 Institutions with at least four articles indexed in the Web of Science database

Sl. No.	University/Institute's Name	Record Count	Ranking
1.	Documentation Research and Training Centre (DRTC), ISI, Bengaluru	16	1
2	National Institute of Science Communication & Information Resources (NISCAIR), New Delhi	14	2
3	University of Delhi, Delhi	8	3
4	Karnataka University, Dharwad	7	4
5	Sambalpur University, Sambalpur	6	5
6	Indira Gandhi National Open University, New Delhi	5	6
7	University of Mysore, Mysore	5	6
8	Aligarh Muslim University, Delhi	4	7
9	Banaras Hindu University, Varanasi	4	7
10	North Eastern Hill University, Shilong	4	7
11	University of Madras, Chennai	4	7
12	Utkal University, Bhubaneswar	4	7
13	Jiwaji University, Gwalior	3	8
14	University of Calcutta, Kolkata	3	8

15	University of Pune, Pune	3	8
16	Annamalai University, Annamalai, Chennai	2	9
17	Bangalore University, Bagalore, Karnataka	2	9
18	Gauhati University, Assam	2	9
19	Kuvempu University, Karnataka	2	9
20	Panjab University, Chandigarh	2	9
21	University of Jammu, Jammu	2	9
22	University of Mumbai, Mumbai	2	9

Table 3: Top 22 Library Science Schools with at least Two Articles Indexed in the Web of Science Database

Indian Collaboration with Foreign Countries

The assessment of India's top twenty research collaborations in the field of library and information science with the foreign countries over past ten years reveals that USA stands top in terms of co-authorship with the Indian institutions. Belgium stands second, England third and China stands fourth in the international collaboration. There are six countries having collaboration for at least two research papers. Overall Indian collaboration with foreign countries is very poor in the field of library and information science. Steps towards collaboration need to be looked into and it should be strengthened. The Indian representation on research publications in the international peer-review journals is very poor and that could be the reason of poor collaboration with foreign countries.

Country	Number of Articles
USA	28
Belgium	9
England	6
Peoples Republic of China	4
Germany	3
Netherlands	3
Bangladesh	2
Brazil	2
Finland	2
Iran	2
Kenya	2
Singapore	2
Antigua & Barbua	1
Bulgaria	1
Canada	1
Denmark	1
France	1
Nigeria	1
South Africa	1
Switzerland	1
Taiwan	1

Table 4: Indian Collaboration with Foreign Countries in the LIS Discipline

Author's Productivity and Their Ranking

Author's productivity can be calculated from the number of papers an author has published within a given period of time. The most productive Indian authors in library and information science are given in the table 5. The table reveals that there are only 24 authors who have published at least 4 articles during 2000 to 2010. The profession needs serious introspection in terms of research publications in the high impact peer-review journals.

Sl. No.	Name of the Author	Number of Articles	Ranking
1	Garg, Kailash C.	12	1
2	Gupta, B. M.	12	1
3	Kumar, Vijai	10	2
4	Kumar, Suresh	8	3
5	Rao, I. K. Ravichandra	8	3
6	Rao, Siriginidi Subba	8	3
7	Bhattacharya, Sujit	7	4
8	Chandrakar, Rajesh	7	4
9	Jeevan, V. K. J.	7	4
10	Arunachalam, S	6	5
11	Basu, Aparna	6	5
12	Kademani, B. S.	6	5
13	Kalyane, V. L.	6	5
14	Panda, Krushna C.	5	6
15	Prathap, Gangan	5	6
16	Sagar, Anil	5	6
17	Anuradha, KT	4	7
18	Arora, Jagdish	4	7
19	Dhawan, S. M.	4	7
20	Karisiddappa, CR	4	7
21	Kundra, Ramesh	4	7
22	Mittal, Rekha	4	7
23	Padhi, Pitambar	4	7
24	Sangam, S. L.	4	7
25	Suryawanshi, D. G.	4	7

Table 5: Author's productivity and their ranking

It is opined that most of the Indian authors publish their research articles in the Indian journals, however, most Indian journals in library and information science are either not indexed in the SSCI database or has fewer representations at the International level. The steps need to be taken to improve the standards of Indian library and information science journals for enabling them to include in the International databases like Web of Science and Scopus. Publishers of the Indian journals should make their efforts in making their journals of International repute by following international standards of electronic publishing of scholarly journals.

Contribution of Doctoral Research

According to theses database on IndCat platform, more than 62 library schools of the country has research level course and awards doctoral degree. The bibliographic records are available in theses database are contributed by the member libraries of the Centre. The data in theses database is taken from the notification received from the universities and announcement in the University News. So far, the country has awarded more than 1020 doctoral degrees in library and information science since 1957. According to the theses database of the Centre, the library schools in the country have awarded 589 doctoral degrees during 2000 to 2010. Although, the actual number is much higher since the records in the theses database is limited within the INFLIBNET source. The study reveals that the library schools have awarded more doctoral degrees than the number of high quality scholarly articles written by Indian library and information science professionals. Chandrashekhar and Ramasesh (2009) listed 802 doctoral degrees of Indian library schools from 1957 to 2008. As per the theses database of the Centre, the year-wise doctoral degrees awarded by the Indian library science schools are given below:

Year	No. of Doctoral Degrees
2000	34
2001	29
2002	71
2003	56
2004	63
2005	56
2006	50
2007	73
2008	68
2009	37
2010	52
Total	589

Table 6: No. of Doctoral Degrees in Library and Information Science in the IndCat

The current scenario of library and information science research in the country is dismal. The issue of poor quality of research in library and information science has been raised many times by Indian professionals. Satija (2010) depicts a poor picture of research scenario of library and information science in the country. He enumerated a number of facts and figures to highlight poor scenario of library and information science research in India. Satija assigns ghost writing, outsourcing of data processing, data cooking and rampant plagiarism as main reasons of the deteriorating condition of research in library and information science in the country. Kaula (1992) had also raised his concerned and said, "the LIS departments have little or no understanding and cooperation

with the central library ... the problem is more psychological than academic ... much harm has been done to the teaching of library science by the disharmony". The quality of research in the country is a major concern.

Conclusion

The study reveals factual information on library and information science research in India. The availability of e-resources through UGC-Infonet Digital Library Consortium have made deeper impact on research productivity of the country in library science domain. During the period 2000 to 2003, the research productivity was almost static with "no growth". The trial access of e-resources under the Consortium started during the year 2003. The influence and impact of the availability of e-resources through consortium is visible immediate after 2004. The research productivity is risen sharply after 2004. In the year 2010, the research productivity has just doubled from the year 2004. The impact is very impressive, but compared to developed countries, the library science research in India is still at infancy stage. The library science schools of the country need to introspect themselves and devote their time and energy towards conducting qualitative research on contemporary topics in library and information science.

References

1. Indian Institute of Scientific Heritage. Great Indian Acharyas: rishi-scientists of India. Available at www.iishglobal.org (Accessed on 19.11.2010)
2. Menu of Vedic Literature. Reading the Vedic Literature in Sanskrit. Available at http://is1.mum.edu/vedicreserve/table_qualities.htm (Accessed on 25.10.2010)
3. **Standardization, Weightings & Aggregations.** QS top universities. Available at <http://www.topuniversities.com/university-rankings/world-university-rankings/methodology/weightings-aggregation> (Accessed on 20.09.2010)
4. Baty, Phil. (September 2010). Robust, transparent and sophisticated. The World University Rankings. Available at <http://www.timeshighereducation.co.uk/world-university-rankings/2010-2011/analysis-methodology.html> (Accessed on 20.09.2010)
5. 2010 Performance ranking of scientific papers for world universities. Higher Education Evaluation & Accreditation Council of Taiwan. Available at <http://ranking.heeact.edu.tw/en-us/2010/Page/Methodology> (Accessed on 20.09.2010)
6. **Thompson Reuters. (2008).** Using bibliometrics: a guide to evaluating research performance with citation data. Available at http://science.thomsonreuters.com/m/pdfs/325133_thomson.pdf (Accessed on 25.10.2010)
7. IndCat : online union catalogue of Indian universities. Available at <http://indcat.inflibnet.ac.in/indcat/> (Accessed on 25.10.2010)
8. **Chandrashekhar, M and Ramasesh, C P. (2009).** Library and information science research in India. Asia Pacific Conference on Library and Information Science & Practice, 2009. (pp 530-537).
9. **Satija, M P (2010).** What ails doctoral research in library and information science in India. DESIDOC Journal of Library and Information Technology, 30 (5), 61-66.
10. **Kaula, P N. (1992).** Hundred years of library and information science education. In Kumar, PSG & Vashishth, CP. (Eds). Library and Information Science in India. New Delhi: Sterling Publishers. **IN**

Staff News

Dr. Jagdish Arora

Member, Editorial Board, Indian Science Abstracts (ISA)

Member, Council, NISCAIR, New Delhi

Sh. Ashok Kumar Rai

Sh. Ashok Kumar Rai was invited as resource person by following institutions to deliver lectures on INFLIBNET Activities and N-LIST Programme:

- Meeting of College Principals under MP Higher Education, Bhopal, Madhya Pradesh, October.12, 2010
- UGC Sponsored Workshop for Colleges at Ramkrishan Mission Residential College, Kolkata, West Bengal, November 19, 2010.

- UGC Sponsored INFLIBNET Awareness Programme for Colleges, Karim College Jamshedpur, Jharkhand, December 20, 2010
- The Manthan South Asia Award 2010 Session: Sustainable Digital Approach For Education, Learning & Skill Development, New Delhi, December 18, 2010

Sh. H G Hosamani

Sh. H G Hosamani, Scientist-B (LS) of INFLIBNET Centre was invited by Academic Staff College, Dr Babasaheb Ambedkar Marathwada University, Aurangabad to deliver lectures on N-LIST and SOUL 2.0 in 10th UGC Sponsored Refresher Course in Library & Information Science on "New Horizons in Library Management" organized during 3rd to 23rd December 2011. **IN**

EVENTS

Mangalore University: Workshop on user awareness on access to e-resources and N-list programme, Jagadish Arora, director, INFLIBNET Centre, Ahmedabad, inaugurates, Shivashankarmurthy, VC, presides, Old Senate Hall, Mangalagangothri, 10.30 am.

Government would pay for their training in best institu-

IIT Kanpur, keynote speaker, Eric Mathais Auditorium, St. Aloysius College, 10 a.m.

Prasad Art Gallery: "N20, Laughing Bomb!," an exhibition of cartoons and caricatures by John Chandran, Ballalbagh, 10.30 a.m.

Giants Group of Mangalore Central and SDM College of Business Management: Giants Awards-2010, SDM College, Kodialbail, 6 p.m.

Kanara Chamber of Commerce and Industry and Federation of Karnataka Chambers of Commerce and Industry: Workshop on "VAT and other commercial taxes and e-filing", J.R. Bangera, Senior Vice-president FKCCI, inaugurates, B.T. Manohar, Chairperson-State Taxes Committee, FKCCI, resource person, chamber building, 11 a.m.

Mangalore University Library and Information and Library

ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯ ಮತ್ತು ಇನ್ಫಾರ್ಮೇಶನ್ ಅಂಡ್ ಲೈಬ್ರರಿ ನೆಟ್‌ವರ್ಕ್ ಸೆಂಟರ್:
ಯೂಸರ್ ಅವೇರ್ನೆಸ್ ಆನ್ ಆಕ್ಸೆಸ್ ಟು ಇ-ರಿಸೋರ್ಸಸ್ ಆಂಡ್ ಎನ್-ಲಿಸ್ಟ್ ಪ್ರೊಗ್ರಾಂಮ್ ಕಾರ್ಯಾಗಾರ: ಉದ್ಘಾಟನೆ, ಅಹ್ಮದಾಬಾದ್ ಇನ್ಫಲಿಬೆನ್ಟ್ ಸೆಂಟರ್, ನವೆಂಬರ್ 23. ಡಾ. ಜಗದೀಶ್ ಅರೋರಾ, ಅಧ್ಯಕ್ಷತೆ- ಮಂಗಳೂರು ವಿವಿ ಕುಲಪತಿ ಪ್ರೊ. ಟಿ.ಸಿ. ಶಿವಶಂಕರ ಮೂರ್ತಿ, ಹಳೆ ಸೆನೆಟ್ ಸಭಾಂಗಣ, ಮಂಗಳಗಂಗೋತ್ರಿ ಬೆಳಿಗ್ಗೆ 10.30.

ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯ ಮತ್ತು ಇನ್ಫಾರ್ಮೇಶನ್ ಅಂಡ್ ಲೈಬ್ರರಿ ನೆಟ್‌ವರ್ಕ್ ಸೆಂಟರ್:
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ing, employment, housing and basic civic amenities to

Network Centre: Workshop on "user awareness on access to e-resources" and "N-list programme", Jagadish Arora, Director, INFLIBNET Centre, Ahmedabad, inaugurates, Old Senate Hall, Mangalagangothri, 10.30 a.m.

• MOOBBIDRI

Nitte Education Trust, Alva's Education Foundation and Karnataka Athletic Trust: State-level junior athletics meet Ekalavya Kreedotsava-2010, Nalin Kumar Kateel, MP, inaugurates, Swarajaya Maidan, Moodbidri, 5 p.m.

• UJIRE

SDM College: National-level seminar on "Media power in politics: a global perspective", G.P. Shivaram, professor, Mass Communication and Journalism,

M'lore varsity plans to extend remote access facility: VC

MANGALORE: Mangalore University Library in collaboration with Information and Library Network (INFLIBNET) organised a two-day workshop on 'User awareness workshop on access to e-resources and N-list programme' at the University premises recently. Inaugurating the workshop, INFLIBNET Centre Director Dr Jagadish Arora narrated the role of INFLIBNET starting from the establishment period, that is, 1991 as a UGC's Project. He said that there was increase in download of full text articles by all Universities has increased from 7,29,601 in 2004 to 46,86,397 in 2008. By the end of December 2009, 1,500 colleges are expected to join the programme. UGC-Infonet 60,000 authorised users were using the database. Karnataka stood first with 228 colleges registering with INFLIBNET and 134 colleges under remote access enabled. Gujarat ranked second with 202 colleges. Under the function, Vice-Chancellor Prof T C Shivashankar Murthy expressed the desire of the faculty members of Mangalore University and spoke about his plans of having UGC-Infonet Resources Learning Centre in Mangalore University Library at the earliest. This workshop was basically organised to create awareness to all the library users of Mangalore University, constituent colleges and the colleges, faculty members and research scholars. **DH News Service (23/11/10)**

Digital library cues to

MANGALORE: For the UGC-INFLIBNET Digital Library Consortium, the library in the country would be provided through the INFLIBNET Centre. The centre had set up working groups to contribute to the development of open source software in the field of library and information science. At the inauguration of the consortium, the vice-chancellor of Mangalore University, Prof. T.C. Shivashankar Murthy, said that the consortium would use the 50th crore of the UGC's 100th anniversary fund. The UGC-INFLIBNET Digital Library Consortium was inaugurated by the minister of higher education, Dr. M. K. Jayaram, in a ceremony at the UGC-INFLIBNET Centre last week. The consortium also aims to provide digital library services to all the colleges in the country. The consortium will use the 50th crore of the UGC's 100th anniversary fund. The UGC-INFLIBNET Digital Library Consortium was inaugurated by the minister of higher education, Dr. M. K. Jayaram, in a ceremony at the UGC-INFLIBNET Centre last week. The consortium also aims to provide digital library services to all the colleges in the country.

• MANGALORE

Kannada Book Authority: Book fair, Nehru Maidan, 10 a.m.

Mangalore University Library and Information and Library Network Centre: Second day of workshop on "user awareness on access to e-resources" and "N-list programme", Old Senate Hall, Mangalagangothri, 10 a.m.

Bharatanjanli: "Paada Panchadakhani", valedictory, P. Jayram Bhat, Managing Director,

ಕಂಪ್ಯೂಟರಿಕೃತ ಗ್ರಂಥಾಲಯ ಮಾಹಿತಿ ವಿವಿಷ್ಟವಣಿ ಅಗತ್ಯ

ಕೊಣಾಚಿ ಶಿಕ್ಷಣ ಕ್ಷೇತ್ರದ ಮಹಾನ್ ಇನ್ಫೋರ್ಮೇಶನ್ ಅಂಡ್ ಲೈಬ್ರರಿ ನೆಟ್‌ವರ್ಕ್ ಸೆಂಟರ್‌ನ ಸಂಭೋಧನೆಯಲ್ಲಿ ಮಂಗಳೂರು ವಿವಿ ಕುಲಪತಿ ಪ್ರೊ. ಟಿ.ಸಿ. ಶಿವಶಂಕರ ಮೂರ್ತಿ, ಹಳೆ ಸೆನೆಟ್ ಸಭಾಂಗಣದಲ್ಲಿ ಇನ್ಫಲಿಬೆನ್ಟ್ ಸೆಂಟರ್‌ನ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿ ದೇಶವನ್ನು ಹೋಲಿಸಿದಾಗ ವಿವಿ ಹಾಗೂ ಕಾಲೇಜುಗಳ ಸಂಖ್ಯೆ ಅತಿ ಕಡಿಮೆ ಎಂದು ಆತಂಕ ವ್ಯಕ್ತಪಡಿಸಿದರು. ಗುಣಮಟ್ಟದ ಶಿಕ್ಷಣಕ್ಕೇಡಲೆ ಉನ್ನತ ಅಗತ್ಯವೆಂದ ಅವರು, ಪ್ರಸ್ತುತ ಹೆಸರಿಂದ ಪೆಂಚೂರ್ಷಿ ಯೋಜನೆಯಲ್ಲಿ ಶಿಕ್ಷಣ ಕ್ಷೇತ್ರದ ಅಭಿವೃದ್ಧಿ ಬಗ್ಗೆ ಅಧಿಕ ಆಸಕ್ತಿ ವಹಿಸಲಾಗಿದೆ. ಹಾಗಾಗಿ ಪ್ರಸ್ತುತ ಅಗತ್ಯವಿರುವ ಮಾಹಿತಿ ಆಧಾರಿತ ಇಂಟರ್‌ನೆಟ್ ಬಳಕೆಗೆ ಆದಿಕ ಗಮನ ನೀಡಬೇಕೆಂದು ಕೋರಿದರು. ಕಾರ್ಯಾಗಾರದಲ್ಲಿ ಮಂಗಳೂರು ವಿವಿ ಕುಲಪತಿ ಪ್ರೊ. ಟಿ.ಸಿ. ಶಿವಶಂಕರ ಮೂರ್ತಿ, ಜನಸಂಖ್ಯೆ ಸಂಘಟಕ ಡಾ.ಎಂ.ಕೆ.ಬಂಡಿ, ಡಾ.ಟಿ.ವೈ ಮಲ್ಲಯ್ಯ, ಡಾ.ಕೆ.ಬಾರು ಉಪಸ್ಥಿತರಿದ್ದರು.

Workshop on library

The Mangalore University library will organise a two-day awareness workshop on access to e-resources and National Library information services infrastructure for Scholarly content (N-List) from October 23, at old senate hall at Mangala Gangothri. The workshop will be held in collaboration with INFLIBNET Centre, Ahmedabad, as part of UGC-Infonet Digital Library Consortium.

Colleges get books at Re. 1

1,508 colleges enrolled for N-list to bridge digital divide
Special Correspondent
MANGALORE: For annual payment of Rs. 5,000, some colleges in the country, including six in the city, are able to access about 51,000 e-books online and 2,100 journals with "scholarly content". An access-based analysis of cost and benefit shows that 60,000 users have found that the colleges spend a mere Re. 1 on accessing a book and Rs. 7.25 for accessing a journal on an average. This has become possible because of a Ministry of Human Resource Development initiative called Indian Library and Information Infrastructure for Scholarly Content (N-List). Mangalore University Librarian M.K. Bhandi said this was highlighted in the two-day workshop on "User Awareness Programme on Access to E-Resources and N-list Programme." He said the programme bridges digital divide and moves towards information-rich society. The N-List hosts scholarly content generated in digital format in open digital repositories. Educational institutions receiving grants from the UGC under sections 12B & 2F of the UGC Act are eligible to subscribe to N-List. They get e-books from four publishers - E-Brary, Oxford Scholarship Online, Not library and Megray Hill and e-journals from 10 publishers. Mr. Bhandi said the end user in colleges should have personal computers with 5Mbps LAN connected internet to access N-List. Already 1,508 colleges have registered for this programme. He said in a statement Karnataka hopes the highlight with 228 colleges registered for the programme - the highest in the country, Mr. Bhandi said. He said the university had taken the initiative to increase the internet bandwidth of the university from 20 Mbps to 100 Mbps to make accessing e-resources easier. With this, teachers and students will be able to access the e-resources without having to come to the library.

Follow UGC guidelines to revise autonomy for colleges'

education
Special Correspondent
MANGALORE: A two-day national level conference on "Revising Autonomy: Concept, Issues and Challenges" organised jointly by 81 Alvars Colleges and 81 Apsara Colleges concluded here recently with a declaration known as Mangalore Declaration on Autonomy with access to internet in Karnataka. Over 120 delegates representing 16 autonomous colleges from Karnataka, Maharashtra, Goa and Tamil Nadu adopted a nine-point resolution. The most urgent the state governments to accept autonomy as national policy in accordance with the UGC 19th plan guidelines to deal all issues arising from autonomy. The conference also urged the state governments to draft a model new autonomy statute in accordance with UGC guidelines to all autonomous colleges in the state. In order to ensure that the government meets the revised statutes within six months, the conference decided to set up a five-man steering committee with Information and Library Network (INFLIBNET) in the University Centre recently. Ahmedabad-based INFLIBNET Centre Director Jagadish Arora inaugurated the workshop and by December-end, 1,500 colleges are expected to join the programme. Karnataka stood first with 228 colleges registering with INFLIBNET and 134 colleges under remote access enabled. Gujarat ranked second with 202 colleges. Under the function, Vice-Chancellor Prof T.C. Shivashankar Murthy said that in 1975, he had spent more than six months to reduce the bibliographical references in Mysore University. When he went to Ottawa, University Canada, he could do this job in a couple of hours. After he took charge in Mangalore University, the bandwidth which was 20 Mbps was increased to 100 Mbps within six months. He was also keen of extending remote access facility to all staff in the university.

User awareness on E-resources



Thoughts to ponder:
"Education" is the only word which contains all the vowels of the English alphabet.
Keep your heart free from hate, your mind free from worry, Live simply, expect little, give much, sing often and pray always.

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