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Article

## Swayam-Prabha: Free DTH Channel and Open Access Content for Education

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**INFLIBNET's Institutional Repository**  
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**Open Journal Access System (OJAS)**  
<http://www.inflibnet.ac.in/ojs/>

**Shodhganga**  
<http://shodhganga.inflibnet.ac.in/>

**ICT Skill Development Programmes**  
<https://www.inflibnet.ac.in/hrd/>

**Vidya-Mitra: Integrated e-content Portal**  
<http://vidyamitra.inflibnet.ac.in/>

**InfiStats: Usage Statistics Portal for e-Resource**  
<https://www.inflibnet.ac.in/infiestat/>

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Five-day Advanced Training Programme on Bibliometric and Research Output Analysis, INFLIBNET Centre, Gandhinagar, 20<sup>th</sup>-24<sup>th</sup> November, 2017

Five-Day National Workshop on Capacity Building Programme on ICT for LIS (Hindi), INFLIBNET Centre, Gandhinagar, 27<sup>th</sup> November – 1<sup>st</sup> December, 2017

Three-day National Workshop on Libraries on Cloud, INFLIBNET Centre, Gandhinagar, 6<sup>th</sup> -8<sup>th</sup> December, 2017

Three-day National Conference on iETD 2017 and Advanced Training Programme on Shodhganga, INFLIBNET Centre, Gandhinagar, 13<sup>th</sup>-15<sup>th</sup> December, 2017

Five-day National Workshop on Building Digital Libraries Using DSpace, Dr. Ram Manohar Lohiya National Law University, Lucknow, 18<sup>th</sup> – 22<sup>nd</sup> December, 2017

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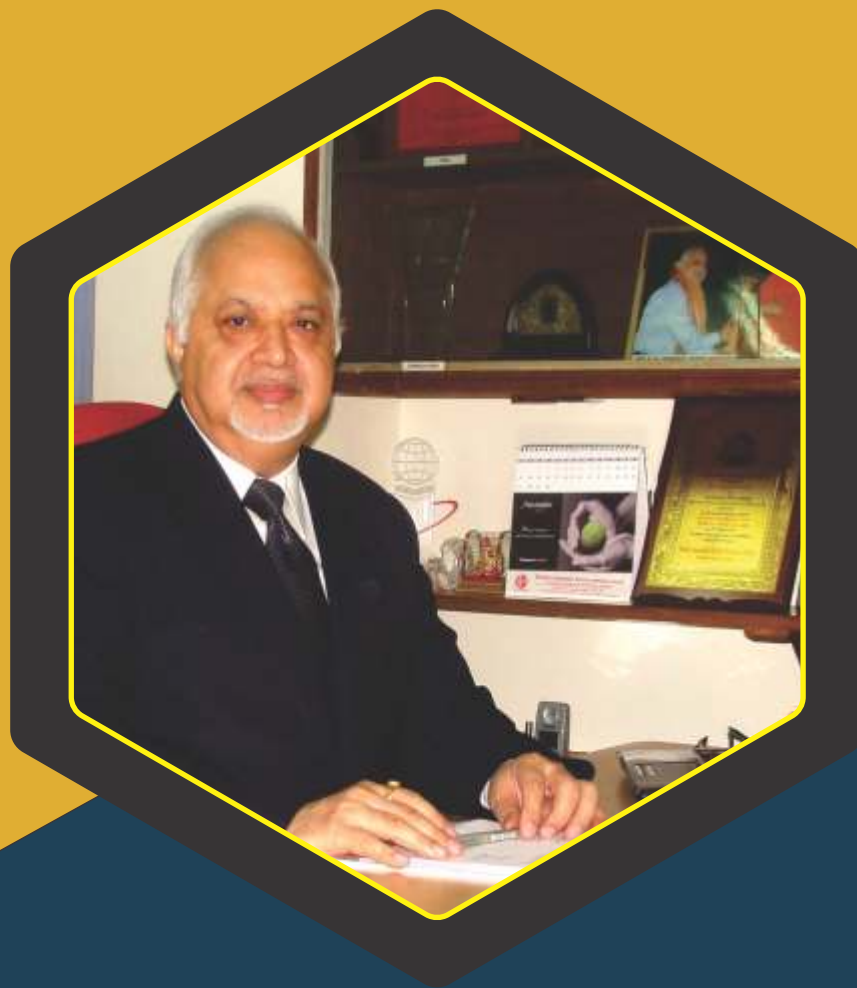
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## From Director's Desk

The last six months under report in this newsletter also represents a major part of the extended period of my service at the INFLIBNET Centre as its Director. These last six months were highly taxing both in the terms work pressure as well as in terms of level of involvement for carving out a workable model of e-Shodh Sindhu.

Evolution of new model of e-Shodh Sindhu wherein individual institutions are required to pay for subscription for e-resources that they wish to subscribe, kept us busy liaising with the Ministry, member institutions and publishers of e-resources. Meetings of the Negotiation Committee of e-Shodh Sindhu was convened five times over a period of three months encompassing 11 days from December 2017 to February 2018. The Committee negotiated rates subscription for 85 resources during these five meetings. It took

substantial efforts and persuasion to get lower rates of subscription for e-resources from publishers in an environment where their will no longer be a single order and single payment. I am pleased to report that the Negotiation Committee has been able to get lower rates of subscription for most of the resources in spite of severe constraints.

The period under report has also been most satisfying and rewarding for me individually as well since during these six months I received the following three most coveted awards:

1. Citation and Memento in Recognition to Commendable Contribution to Digital Initiatives for Higher Education, by the Honourable Shri Pranab Mukherjee, the then President of India. The award was presented during the National Convention on Digital Initiatives held on 9<sup>th</sup> July 2017 at Vigyan Bhawan, New Delhi.
2. ND LTD Leadership Award for the Year 2017 for Shodhganga Scheme of the INFLIBNET Centre. The award was presented during 20<sup>th</sup> International Symposium on Electronic Theses and Dissertations to be held from August 7<sup>th</sup> to 9<sup>th</sup>, 2017 in Embassy Suites Hotel, Washington, D.C.
3. Librarian's Choice Award for Life Time Achievement for the Year 2017 in Recognition of Individual Contribution towards Library and Library Science Community of India. The award, instituted by the Royal Society of Chemistry was presented during Indian Librarian Appreciation Day 2017 being organized by the Royal Society of Chemistry on 28<sup>th</sup> July, 2017 in Jaipur, Rajasthan.

In addition, the UGC was most gracious in recognising my services and extended my services as Director, INFLIBNET Centre for six months beginning August 31<sup>st</sup>, 2017.

During the period under report, the 11<sup>th</sup> International CALIBER 2017 was organised by Anna University, Chennai in collaboration with INFLIBNET Centre, Gandhinagar at Anna University, Chennai from 2<sup>nd</sup> to 4<sup>th</sup> August, 2017 on the theme "Re-envisioning Role of Libraries: Transforming Scholarly Communication". More than 250 delegates attended the Convention including delegates from UK, USA and Singapore. The Convention was coordinated by Mr. Manoj Kumar K, Scientist D (CS) and Mr. Abhishek Kumar, Scientist C (CS) on behalf of the INFLIBNET Centre and Dr. G. Krishnamoorthy, Director, University Library, Anna University on behalf of Anna University. Dr. R K Chadha, Former Additional Secretary, Lok Sabha was the Conference Director and Mr. Pawan Agrawal, CEO, FSSAI delivered the keynote address. Thiru K P Anbalagan, Honourable Minister of Higher Education, Government of Tamil Nadu inaugurated the Convention.

Capacity building of LIS professionals is one of the foremost mandates given to the INFLIBNET Centre. The Centre continued imparting training programmes and workshops on various topics of interest during the period under report. Four training programmes on SOUL 2.0 were organised at the INFLIBNET Centre during the period under report. Two INFLIBNET Regional Training Programmes on Library Automation (IRTPLA)

were organised at IIAS, Shimla and Mother Teresa Women's University, Kodaikanal, Tamil Nadu. A user awareness programme on Shodhganaga and URKUND was organised at Jamia Millia Islamia University, New Delhi on 25<sup>th</sup> August, 2017. Fourteen (14) specialised Training Programmes of variable durations were organized on various topics including setting-up digital libraries using DSpace, MOOCs and e-learning, JGate Plus and resource sharing, research impact evaluation and altmetrics, bibliometrics and research output analysis, ICT for libraries, libraries on Cloud, ETDs, Reference Management System, etc.

INFLIBNET's Access Management Federation (INFED) launched for providing off-campus access to e-resources in member institutions reached newer heights of success with joining of 48 institutes and 12 publishers.

At the fag end of my tenure as Director of this prestigious organisation, I would like to convey my sincere thanks to the authorities in UGC and MHRD for their whole-hearted support and generous funding, to my colleagues at the INFLIBNET Centre for their tireless efforts in the success of all our projects, schemes and programmes as well as to the entire LIS community across India for their support and encouragement. I am sure that the UGC would be able to search and select an able hand who would take the institute to newer heights of success.

This issue of the Newsletter includes a feature article on “Swayam-Prabha: Free DTH Channel and Open Access Content for Education” by Mr. Abhishek Kumar, Scientist-C (CS), INFLIBNET Centre. I am sure that our readers would enjoy going through this issue of the Newsletter.



**(Jagdish Arora)**

# Training Programme on SOUL 2.0, INFLIBNET Centre, Gandhinagar

The INFLIBNET Centre regularly conducts SOUL 2.0 Training Programmes to impart training on installation and operation of SOUL software for its users. The following four training programmes were organized at the INFLIBNET Centre,

Gandhinagar during this quarter. These programmes were coordinated by Mr. H G Hosamani, Scientist C (LS), INFLIBNET Centre. 34 participants attended these four training programmes as per the details given below:

| Sl. No. | Name of the Programme                            | Date of the Programme                               | No. of Participants |
|---------|--|---|---------------------|
| 1       | 134 <sup>th</sup> Training Programme on SOUL 2.0 | 17 <sup>th</sup> – 22 <sup>nd</sup> July, 2017      | 8                   |
| 2       | 135 <sup>th</sup> Training Programme on SOUL 2.0 | 04 <sup>th</sup> – 09 <sup>th</sup> September, 2017 | 8                   |
| 3       | 136 <sup>th</sup> Training Programme on SOUL 2.0 | 6 <sup>th</sup> – 11 <sup>th</sup> November, 2017   | 7                   |
| 4       | 137 <sup>th</sup> Training Programme on SOUL 2.0 | 18 <sup>th</sup> – 23 <sup>th</sup> December, 2017  | 11                  |



Participants of 134<sup>th</sup> Training Programme on SOUL 2.0 with Technical Staff of the INFLIBNET Centre





Participants of 135<sup>th</sup> Training Programme on SOUL 2.0 with the Director and Technical Staff of the INFLIBNET Centre



Participants of 136<sup>th</sup> Training Programme on SOUL 2.0 with Technical Staff of the INFLIBNET Centre



Participants of 137<sup>th</sup> Training Programme on SOUL 2.0 with the Director and Technical Staff of the INFLIBNET Centre

# INFLIBNET Regional Training Programme on Library Automation (IRTPLA)

INFLIBNET Regional Training Programme on Library Automation (IRTPLA), Indian Institute of Advance Study, Shimla, 17<sup>th</sup>- 21<sup>st</sup> July, 2017



**Participants of INFLIBNET Regional Training Programme on Library Automation (IRTPLA) at Indian Institute of Advance Study, Shimla**

Five-day INFLIBNET Regional Training Programme on Library Automation was organised by Indian Institute of Advance Study (IIAS), Shimla in collaboration with INFLIBNET Centre, Gandhinagar at Indian Institute of Advance Study, Shimla from 17<sup>th</sup> to 21<sup>st</sup> July, 2017. Mr. Premchand, Librarian and Secretary, IIAS coordinated the programme and welcomed the guests and participants. Prof. Anand Kumar, National Fellow, IIAS inaugurated the programme. In his Inaugural

speech, Prof. Anand Kumar highlighted the importance of the library in the society and academic institutions and emphasised that library should improve its services to attract more users in the library. Dr. Jagdish Arora, Director, INFLIBNET Centre delivered special address and informed that the programme received overwhelming response and it has become truly a national event, he further said that the time has come that such programmes are named as INFLIBNET National Training

Programme on Library Automation (INTPLA). He emphasized that libraries should adopt technology in respective institutes and develop them as a service platform by integrating subscribed e-resources, open access and institutional repositories. Dr. Usha Munshi, Librarian, Indian Institute of Public Administration delivered keynote address. She spoke about big data and highlighted the changing landscape of library and library services. Mrs. Neeraj Sharma, Assistant Librarian extended a warm vote of thanks at the end of inaugural function. Prof. I V Malhan, Head, DLIS, Central University of Himachal Pradesh, Dharmshala, Dr. R K Chadha, Former Additional Secretary, Parliament of India, New Delhi, Mr. Yatrik Patel, Scientist D (CS), Mr. Divyakant Vaghela, Scientist B (CS), INFLIBNET Centre, Gandhinagar and Prof P K Ahluwalia, Former Professor, Himachal Pradesh University, Shimla

were experts during the training programme. Representatives of the publishers including Mr. Sanjeev Goswami, MD, Springer, Mr. Neeraj Kataria, Turnitin and Mr. V Pandita, Head, Technology Identity and Automation made presentations on their respective products.

Prof. Rajinder Singh Chauhan, Vice-Chancellor, Himachal Pradesh University was chief guest during valedictory function. In his concluding address, he spoke about changing role of library professionals in digital environment. He informed that library professionals should develop the competency in handling computers and digital resources in libraries. Mr. Premchand, Librarian and Secretary, IAS extended a warm vote of thanks at the end of the programme. Around 53 participants including library professional from different parts of the country attended the programme.

## INFLIBNET Regional Training Programme on Library Automation (IRTPLA), Mother Teresa Women's University, Kodaikanal, 20<sup>th</sup> -24<sup>th</sup> August, 2017

Five-day INFLIBNET Regional Training Programme on Library Automation was organised by Mother Teresa Women's University in collaboration with INFLIBNET Centre, Gandhinagar at Mother Teresa Women's University, Kodaikanal from 20<sup>th</sup> to 24<sup>th</sup> August, 2017. Dr. K. Nithyanandam, Former Director & Librarian, Anna University coordinated the programme. Inaugural function started in the presence of Dr. K. Nithyanandam, Dr. T. Kamali, Dean Research, Mother Teresa Women's University, Mr. B. S. Ravi Shankar, Training Consultant, Informatics, Mr. P. Kannan, Scientist C (LS) and Mr. T. Venkata Ravikiran, SOUL Technical Assistant, INFLIBNET Centre. Theoretical lectures were followed by "hands-on"

practice on various modules of the SOUL software. All the practical sessions of the Training Programme involved intensive discussions and interactions on various aspects of SOUL software between participants and the resource persons. Mr. H. G. Hosamani and Mr. P. Kannan, Scientists C (LS), INFLIBNET Centre, Dr. K. Nithyanandam, Former Director & Librarian, Anna University, Dr. R. Balasubramanian, Dr. S. Srinivasa Ragavan, Professor and Head and Dr. P Ganesan, Deputy Librarian, Mother Teresa Women's University were experts during the technical sessions. Mr. T. Venkata Ravikiran, SOUL Technical Assistant, INFLIBNET Centre was resource person for practical sessions.



**Participants of INFLIBNET Regional Training Programme on Library Automation (IRTPLA)  
at Mother Teresa Women's University, Kodaikanal**

In the valedictory function, Dr. G Valli, Hon'ble Vice-Chancellor and Dr. N Geetha, Registrar were chief guests. Certificate of Participation was distributed to the participants by Dr. G Valli, Hon'ble Vice-Chancellor. Dr. P Ganesan, Deputy Librarian extended a warm vote of thanks to the authorities at INFLIBNET Centre and University at the end of the programme. Around 32 participants from Tamil Nadu attended the programme.

## User Awareness Programme on Shodhganga and URKUND: a Plagiarism Detection Tool

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User Awareness Programme on Shodhganga and URKUND: a Plagiarism Detection Tool, Jamia Millia Islamia University, New Delhi, 25<sup>th</sup> August, 2017

One-day User Awareness Programme on Shodhganga and URKUND: a Plagiarism Detection Tool was organised by Jamia Millia Islamia University in collaboration with INFLIBNET Centre, Gandhinagar at Jamia Millia Islamia University, New Delhi on

25<sup>th</sup> August, 2017. Dr. H. J. Abidi, University Librarian coordinated the programme and welcomed the guests and participants. Mr. A. P. Siddiqui, Registrar inaugurated the programme. In his inaugural address, he spoke about the need of originality and collaboration in research activities.



**Mr. Manoj Kumar K, Scientist D (CS), INFLIBNET Centre, Dr. R.K. Chadha, Former Additional Secretary, Parliament of India, Dr. Jagdish Arora, Director, INFLIBNET Centre, Mr. A. P. Siddiqui, Registrar, Prof. Sushant G Ghosh, Joint Director (Research) and Dr. H.J. Abidi, University Librarian, Jamia Millia Islamia University on the dais during User Awareness Programme on Shodhganga and URKUND: a Plagiarism Detection Tool at Jamia Millia Islamia University, New Delhi**

He further emphasised on the quality of research to improve the visibility of the university in academic world. Prof. Sushant G Ghosh, Joint Director (Research) was Guest of Honour. He elaborated on the efforts made by the Jamia Millia Islamia University to promote research and development in the university. He spoke about h-Index of university, research fellowships, GIAN Programme and contribution of university in the e-PG Pathshala programme of the UGC. Dr. Jagdish Arora, Director along with Mr. Manoj Kumar K, Scientist D (CS), INFLIBNET Centre felicitated by Dr. Zakir Husain Library for promotion of digital initiative in higher education and Indian ETDs respectively.

Dr. Jagdish Arora discussed about the research as primary objective of any university. He appreciated the efforts of library in conducting orientation programmes for promotion of e-resources. Mr. Manoj Kumar K, Scientist D (CS) made detailed presentation on Shodhganga and urge students to

use it in their literature survey for research. Mr. Kumar also discussed in brief about academic ethics and how to detect and avoid plagiarism in research. He further elaborated upon open source softwares for similarity check and plagiarism detection.

Dr. R. K. Chadha, Former Additional Secretary, Parliament of India, New Delhi addressed the participants. He expressed his happiness for overwhelming response of researcher for this programme. Dr. H. J. Abidi, University Librarian spoke about various resources and services of the university library. He stated that university has about 3500 Ph.D theses and 550 out of them have been digitised and uploaded on Shodhganga. He also stated that library has also built its own IDR (Institutional Digital Repository) to upload theses, rare books, manuscripts and other digital content. Around 180 faculty members and research scholars attended the programme. Dr. H. J. Abidi, University Librarian extended a warm vote of thanks.

# Specialized Training Programmes/National Workshops/ National Conferences

## Three-day National Workshop on Creating and Managing Digital Libraries using Eprints, INFLIBNET Centre, 5<sup>th</sup>-7<sup>th</sup> July, 2017

Three-day National Workshop on Creating and Managing Digital Libraries using EPrints was organised at INFLIBNET Centre, Gandhinagar from 5<sup>th</sup> to 7<sup>th</sup> July, 2017. Mrs. Vaishali Shah, Scientist B (LS), Mr. Raja V, Scientist B (CS) and Mr. H G Hosamani, Scientist C (LS), INFLIBNET Centre coordinated the Workshop. The Workshop aimed to equip participants with skills for developing and managing their own digital repositories and to create awareness in new developments in the field of library and information science, such as, managing information sources in digital

environment, building institutional repository, networking and social media, management of e-resources, latest development and trends in LIS with glimpses on library automation along with hands-on training. About 04 participants attended the Workshop. Mrs. Vaishali Shah, Scientist B (LS), Mr. Raja V, Scientist B (CS), Mr. Vijay Shrimali, STA (CS), Mr. Darshan Modi, and Ms. Divya Vyas, Project Associate (LS) from INFLIBNET Centre served as resource persons for the Workshop. Details of lectures delivered by Scientists of the INFLIBNET Centre during the training programme were as follows:

| Topics   | Name of the Expert                   |
|--|--------------------------------------|
| INFLIBNET Activities and Services  | Mr. Raja V, Scientist B (CS)         |
| Institutional Repositories : a Primer  | Mr. Swapnil Patel, Scientist B (CS)  |
| Metadata Standards and Institutional Repositories  | Mrs. Vaishali Shah, Scientist B (LS) |
| Introduction to Linux and understanding file system layout, creation of user and group, and basic commands | Mr. Hitesh Solanki, Scientist B (CS) |
| Understanding EPrints (Features, Statistics, Bazaar, Altmetrics, etc.)                                     | Mr. Kannan P, Scientist C (LS)       |
| Creation of IR using EPrints and Installation  | Mr. Raja V, Scientist B(CS)          |
| EPrints Administration   | Mr. Hitesh Solanki, Scientist B (CS) |
| EPrints Data Submission  | Mrs. Vaishali Shah, Scientist B (LS) |
| Maintenance, Backup and Restore  | Mr. Swapnil Patel, Scientist B (CS)  |

## Five-day National Workshop on Design and Development of Digital Libraries using DSpace, Doon University, Dehradun, 10<sup>th</sup>-14<sup>th</sup> July, 2017

Five-day National Workshop on Design and Development of Digital Libraries using DSpace was organised by Doon University, Dehradun in

collaboration with INFLIBNET Centre, Gandhinagar at Central Library, Doon University, Dehradun from 10<sup>th</sup> to 14<sup>th</sup> July, 2017. Mr. Ashish



**Participants of National Workshop on Design and Development of Digital Libraries using DSpace at Doon University, Dehradun**

Kumar, Assistant Librarian coordinated of the Workshop and welcomed the guests and participants. Prof. Kusum Arunachalam, Director, IQAC inaugurated the programme in the presence of Prof. H. C. Purohit, Dean (Management) and DSW, Mr. Ashish Kumar, Assistant Librarian, Doon University, Mr. Swapnil Patel and Mr. Garurav Prakash, Scientists B (CS) and Mr. Vijaykumar Shrimali, STA (CS), INFLIBNET Centre, Gandhinagar. The main objective of the workshop was to provide background knowledge of the digital library and its related concepts. Mr. Swapnil Patel, Mr. Garurav Prakash, Scientists B (CS) and Mr. Vijaykumar Shrimali, STA (CS), INFLIBNET Centre, Mr. Rajneesh Kumar, Research Scholar, Kumaun University, Mr. Ashish Kumar, Assistant Librarian, Doon University and Prof. Mallikarjun Angadi, Deputy Librarian, Tata Institute of Social Sciences served as resource persons. Theoretical lectures were followed by “hands-on” practice on

various module of the DSpace. All the practical sessions of the Workshop involved intensive discussions and interactions on various aspects of DSpace between participants and the resource persons. Around 37 participants from different institutions of Uttarakhand attended the programme. Mr. Ashish Kumar, Assistant Librarian extended vote of thanks at the end of the programme.

During the valedictory function, Prof. Kusum Arunachalam, Director, IQAC, Prof. H. C. Purohit, Dean (Management) and DSW, Dr M.S. Mandarwal, Registrar were chief guests. Certificate of Participation was distributed to the participants. Prof. Purohit extended a warm vote of thanks on behalf of the University to all the participants, resource persons and staff involved in this Workshop. He especially thanked INFLIBNET Centre for their technical and financial support for the Workshop.

## One-day MOOC Orientation Programme for Course Coordinators, Indian Institute of Public Administration (IIPA), New Delhi, 25<sup>th</sup> July, 2017

The INFLIBNET Centre organized one-day MOOC Orientation Programme for Course Coordinators under the subject Library and Information Science at IIPA, New Delhi on 25<sup>th</sup> July, 2017. The objective of this programme was to educate the course coordinators and familiarize with SWAYAM Platform, content upload, student management and deliver the course. Dr. Jagdish Arora, Director, INFLIBNET Centre gave an overview about the SWAYAM programme, and it's important to reach the critical mass in the higher education system, role of course coordinator & host institutes, type of credential to the learners, course credit transfer, etc. Mr. Abhishek Kumar, Scientist C (CS) and Mr. Kannan P, Scientist C (LS), INFLIBNET Centre

elaborated upon various features of the SWAYAM Platform such as content upload, preparation of test, assignment and feedback, student management, discussion forum, etc. After detailed discussions, live demo was shown to the course coordinators to manage the course effectively. Prof I V Malhan, Head & Professor, DLIS, Central University of Himachal Pradesh, Prof I K Rao, Former Director, DRTC, Bangalore, Prof Dinesh Gupta, Professor, Vardhaman Mahaveer Open University, Prof. Devika Madalli, Professor, DRTC, Dr Usha Munshi, Librarian, IIPA and Prof Anubhuti Yadav, Associate Professor, Indian Institute of Mass Communication attended the orientation programme.

## Three-day Workshop on VIVO Profile Management System and Discovery, INFLIBNET Centre, Gandhinagar, 16<sup>th</sup>-18<sup>th</sup> August, 2017



**Participants of Workshop on VIVO Profile Management System and Discovery at INFLIBNET Centre, Gandhinagar**

The INFLIBNET Centre organized National Workshop on VIVO Profile Management System and Discovery, Gandhinagar from 16<sup>th</sup> to 18<sup>th</sup> August 2017 at INFLIBNET Centre, Gandhinagar. Mr. Kannan P and Mr. H G Hosamani, Scientist C (LS), INFLIBNET Centre coordinated the

Workshop. Mr. Kannan P. welcomed the participants and gave an overview of the workshop. Mr. Ashok Kumar Rai, Scientist D (CS), INFLIBNET Centre inaugurated the workshop. In his inaugural address, he insisted upon the importance of



research information management system and its impacts on the institutional ranking system, research proposal, etc. Mr. H G Hosamani, Scientist C (LS) extended a warm vote of thanks. Details of lectures delivered by experts during the training programme were as follows:

Prof Michale Conlon, Professor, Florida University and VIVO Project Director delivered the talk on VIVO: overview through Skype. Prof Michale elaborated about the history and development of VIVO over the period of time and its current status.

| Topics   | Name of the Experts   |
|--|---|
| INFLIBNET: Activities and Services   | Mr. Abhishek Kumar, Scientist C (CS), INFLIBNET Centre                        |
| Research Innovation 2.0 and Academic Identity                              | Dr. Shantanu Ganguly, Fellow, TERI  |
| Linux Installation demo and basic Linux Commands                           | Mr. Hitesh Solanki, Scientist B (CS) , INFLIBNET Centre                       |
| VIVO: An Overview  | Prof. Michale Conlon, Professor, Florida University and VIVO Project Director |
| VIVO Installation and Basic Configuration                                  | Mr. Raja V, Scientist B (CS) , INFLIBNET Centre                               |
| Hands on Practice: Admin Features, Site Configuration, Advanced Data Tools | Mr. Hitesh Solanki, Scientist B (CS) , INFLIBNET Centre                       |
| Profile Creation and linking of Profile                                    | Mr. Pallab Pradhan, Scientist B (LS), INFLIBNET Centre & Practical Team       |
| Profile Ingest using VIVO Pump and Co-author Network and Map of Science    | Mr. Kannan P., Scientist C (LS) , INFLIBNET Centre & Practical Team           |
| Backup and Restore   | Mr. Raja V., Scientist B (CS) , INFLIBNET Centre                              |

He also discussed how it is used and its impact on the academic community all over the world particularly US and Western countries. Participants and staff members of INFLIBNET Centre attended the lecture. 22 participants attended the Workshop

from various institutes such as IIT, IIM and State and Central Universities across the country. Dr Jagdish Arora, Director, INFLIBNET Centre delivered the valedictory address and distributed the certificate and course material during the valedictory session.

## Workshop on J-Gate @ e-Shodh Sindhu Journal Discovery and Resource Sharing Platform, INFLIBNET Centre, 30<sup>th</sup> August, 2017

Workshop on J-Gate @ e-Shodh Sindhu journal discovery and resource sharing platform was organised at INFLIBNET Centre, Gandhinagar on 30th August, 2017. Mr. Ashok Kumar Rai, Scientist D (CS), INFLIBNET Centre delivered welcome address. Dr. Jagdish Arora, Director, INFLIBNET Centre inaugurated the Workshop. Mr. N V Sathyanarayana, CMD, Informatics Group made a

presentation on J-Gate Vision & Program Goals followed by illustrious presentation by Mr. Soma Sundaresh on existing J-Gate and developments in progress. Mr. Sanjay Grover, CEO, Informatics Publishing Ltd demonstrated on User module of Resource Sharing (ILL). Mr. Vivek Ghosh, Product Marketing Manager, Informatics Publishing Ltd demonstrated on Admin Module. 21 Institutional

Members of e-Shodh Sindhu, 10 staff members of INFLIBNET Centre, 9 Team Members from Informatics Publishing Ltd attended the Workshop.

A Panel Discussion on Resource Sharing, Copyright and Fair Use by Libraries was organized prior to the concluding session of the Workshop. Dr. Prabuddha Ganguli delivered keynote address on copyright laws in India and USA and their

impacting factors. The participating panelists were Mr. N. V. Sathyanarayana, CMD, Informatics Group, Dr. Jagdish Arora, Director, INFLIBNET Centre, Dr. Anilkumar H., Librarian, IIM Ahmedabad, Prof. Prabuddha Ganguli, CEO, Vision-IPR and Visiting Professor, Rajiv Gandhi School of Intellectual Property Law, Indian Institute of Technology Kharagpur and Dr. T.S. Kumbar, Librarian, IIT Gandhinagar.

### Three-day National Workshop on Research Impact Evaluation and Altmetrics, INFLIBNET Centre, Gandhinagar, 23<sup>rd</sup> -25<sup>th</sup> October, 2017

The INFLIBNET Centre organized National Workshop on Research Impact Evaluation and Altmetrics at INFLIBNET Centre, Gandhinagar from 23<sup>rd</sup> to 25<sup>th</sup> October 2017. Mr. Pallab Pradhan, Scientist B (LS), INFLIBNET Centre coordinated the Workshop. Dr. Jagdish Arora, Director, INFLIBNET Centre inaugurated the Workshop. The aim of the Workshop was to give overview on altmetrics, its

usefulness in research impact evaluation and explored three tools that are used to extract social metrics (altmetrics) data for research evaluation. Mr. H G Hosamani, Scientist C (LS) extended a warm vote of thanks. 9 participants attended the programme. Details of lectures delivered by experts during the National Workshop are as follows:

| Topics  | Name of the Experts   |
|---|---|
| INFLIBNET Activities and Services   | Mr. Manoj Kumar, Scientist D (CS), INFLIBNET Centre   |
| Research Impact Evaluation: Different Aspects   | Dr. Jagdish Arora, Director, INFLIBNET Centre   |
| Bibliometrics/Scientometrics Indicators for Assessing Research Altmetrics: An Overview  | Ms. Kruti Trivedi, Scientist B (LS), INFLIBNET Centre   |
| Altmetrics: An Overview   | Mr. Pallab Pradhan, Scientist B (LS), INFLIBNET Centre  |
| R Basics + Altmetrics Package: Installation and Practical                               | Mr. Hitesh Solanki, Scientist B (CS) & Mr. Pallab Pradhan, Scientist B (LS), INFLIBNET Centre |
| Researcher Tools: Altmetrics Explorer for Institutions, Altmetrics Bookmarklet & Badges | Mr. Pallab Pradhan, Scientist B (LS), INFLIBNET Centre  |
| Webometric Analyst 2.0: Installation and Practice                                       | Mr. Hitesh Solanki, Scientist B (CS) & Mr. Pallab Pradhan, Scientist B (LS), INFLIBNET Centre |
| Altmetrics and Altmetric.com (Presentation over Skype)                                  | Ms. Stacy Konkiel, Director of Research & Education, Altmetric.com                            |
| Webometric Analyst 2.0: Retrieval of Altmetrics Data from Altmetric.com                 | Mr. Pallab Pradhan, Scientist B (LS), INFLIBNET Centre  |

| Topics   | Name of the Experts                                    |
|--|--|
| Webometric Analyst 2.0: Creating Twitter Conversation Networks | Mr. Pallab Pradhan, Scientist B (LS), INFLIBNET Centre |
| Retrieval of Mendeley Readership Statistics from Mendeley      | Mr. Pallab Pradhan, Scientist B (LS), INFLIBNET Centre |



**Participants of National Workshop on Research Impact Evaluation and Altmetrics at INFLIBNET Centre, Gandhinagar**

Three-day National Workshop on e-Content and e-Learning using MOOCs, INFLIBNET Centre, Gandhinagar, 1<sup>st</sup>-3<sup>rd</sup> November, 2017



**Participants of National Workshop on e-Content and e-Learning using MOOCs at INFLIBNET Centre, Gandhinagar**

The INFLIBNET Centre organized National Workshop on e-Content and e-Learning using MOOCs at INFLIBNET Centre, Gandhinagar from 1<sup>st</sup> to 3<sup>rd</sup> November, 2017. Mr. Abhishek Kumar,

Scientist C (CS) and Mr. H. G. Hosamani, Scientist C (LS), INFLIBNET Centre coordinated the programme. Mr. Manoj Kumar K., Scientist D (CS), INFLIBNET Centre inaugurated the Workshop. The

aim of the Workshop was to provide exhaustive information on e-learning, electronic content creation, its hosting using Moodle as LMS and MOOCs along with hands-on practice. Mr. H. G.

Hosamani, Scientist C (CS) extended a warm vote of thanks. 11 participants attended the programme. Details of lectures delivered by experts of INFLIBNET Centre during the National Workshop are as follows:

| Topics  | Name of the Experts                                   |
|---|---|
| INFLIBNET Activities and Services                                     | Mr. Manoj Kumar K, Scientist D (CS)                   |
| e-Learning: Introduction, projects and Govt. Initiatives              | Mr. Abhishek Kumar, Scientist C (CS)                  |
| Introduction to MOOCs and its Platforms; Features and functionalities | Mr. Kannan P, Scientist C (CS)                        |
| Course Creation (content library, assignment & assessment)            | Mr. Abhishek Kumar and Mr. Kannan P, Scientist C (CS) |
| Faculty profile enrichment with e-content using VIVO                  | Mr. Hitesh Solanki, Scientist B (CS)                  |
| Admin module of MOOC (Demonstration)                                  | Mr. Kannan P., Scientist C (CS)                       |

## Five-day Advanced Training Programme on Bibliometric and Research Output Analysis, INFLIBNET Centre, Gandhinagar, 20<sup>th</sup> – 24<sup>th</sup> November, 2017



**Participants of Advanced Training Programme on Bibliometric and Research Output Analysis, INFLIBNET Centre, Gandhinagar**

The INFLIBNET Centre organized Advanced Training Programme on Bibliometric and Research Output Analysis at INFLIBNET Centre, Gandhinagar from 20<sup>th</sup> to 24<sup>th</sup> November, 2017.

Dr. Jagdish Arora, Director, INFLIBNET Centre inaugurated the programme. The aim of the training programme was to give overview of bibliometric methods, bibliometric data sources, data processing

and performance indicators related to bibliometric analysis and mapping. 20 participants including IT professionals, LIS professionals and research scholars attended the programme. Mr. H. G. Hosamani, Scientist C (LS) extended a warm vote of thanks. Mrs. Deepti Pandey, Project Officer (LS),

Ms. Anita Kushwaha, Mr. Sudam Sahu, Project Associates (LS), Ms. Shivani Thakur and Ms. Vichitra Adidraida, Project Assistants (LS), INFLIBNET Centre were resource persons in practical sessions during the training programme. Details of lectures delivered by experts during the training programme

| Topics  | Name of the Experts  |
|---|--|
| INFLIBNET: Activities and service   | Mr. Manoj Kumar K., Scientist D (CS), INFLIBNET Centre   |
| Research impact metrics: calculation & context                                    | Ms. Kruti Trivedi, Scientist B (LS), INFLIBNET Centre  |
| Web of Science & InCites  | Ms. Subhasree A. Nag, Solution Consultant, Scientific and Academic Research, Clarivate Analytics                             |
| Scopus & SciVal   | Ms. Tahseen Afroz, Scopus  |
| Advanced search techniques of Scopus  | Ms. Kruti Trivedi, Scientist B (LS), INFLIBNET Centre  |
| Co-authorship analysis using Bibexcel   | Mr. Hitesh Kumar, Scientist B (CS), INFLIBNET Centre   |
| Co-Citation analysis using Bibexcel   | Ms. Kruti Trivedi, Scientist B (LS), INFLIBNET Centre  |
| Bibliographic coupling and H index using Bibexcel                                 | Mr. Hitesh Kumar, Scientist B (CS), INFLIBNET Centre   |
| Advanced network and cluster analysis using Bibexcel                              | Mr. Hitesh Kumar, Scientist B (CS), INFLIBNET Centre   |
| Network analysis in Bibexcel using alternative data sources                       | Ms. Kruti Trivedi, Scientist B (LS), INFLIBNET Centre  |
| Bibliometric and citation analysis using Sci2                                     | Mr. Hitesh Kumar, Scientist B (CS), INFLIBNET Centre   |
| Network analysis and visualization using R  | Mr. Hitesh Kumar, Scientist B (CS), INFLIBNET Centre   |
| Advanced citation analysis and visualization using VOS Viewer                     | Mr. Ludo Waltman, Senior Researcher and Deputy Director, Centre for Science and Technology Studies (CWTS), Leiden University |
| Advanced citation analysis and visualization using VOS Viewer (Hands-on Practice) | Ms. Kruti Trivedi, Scientist B (LS), INFLIBNET Centre  |
| Beyond citation analysis : altmetrics   | Mr. Hitesh Kumar, Scientist B (CS) & Mr. Pallab Pradhan, Scientist B (LS), INFLIBNET Centre                                  |
| Academic identity with reference to Orchid ID                                     | Mr. P. Kannan, Scientist C (LS), INFLIBNET Centre  |
| Rankings of university research performance                                       | Mr. Abhishek Kumar, Scientist C (CS), INFLIBNET Centre   |

## एलआईएस (हिंदी) के लिए आईसीटी पर क्षमता निर्माण कार्यक्रम पर पांच दिवसीय राष्ट्रीय कार्यशाला, इनफ्लिबनेट केन्द्र, गांधीनगर, २७ नवंबर - १ दिसंबर, २०१७

Five-Day National Workshop on Capacity Building Programme on ICT for LIS (Hindi), INFLIBNET Centre, Gandhinagar, 27<sup>th</sup> November – 1<sup>st</sup> December, 2017

एलआईएस के लिए आईसीटी पर पांच दिवसीय क्षमता निर्माण कार्यक्रम का आयोजन 27 नवंबर से 1 दिसंबर, 2017 तक

इनफ्लिबनेट केंद्र, गांधीनगर में किया गया। श्रीमती सुबूही सिद्दीकी, वैज्ञानिक एवं तकनीकी अधिकारी (एल एस) ने कार्यशाला का समन्वय

किया। उन्होंने प्रतिभागियों का स्वागत किया और इस कार्यक्रम का अवलोकन दिया। डॉ. जगदीश अरोड़ा, निदेशक, इनफ्लिबनेट केंद्र ने कार्यशाला का उद्घाटन किया। श्री एच.जी. होसामनी ने कार्यशाला के अंत में सबको धन्यवाद दिया। प्रशिक्षण का उद्देश्य प्रशिक्षण/कार्यशालाओं के माध्यम से पुस्तकालयकर्मियों के समग्र

Five-day National Workshop on Capacity Building Programme on ICT for LIS (Hindi) was organized at INFLIBNET Centre, Gandhinagar from 27<sup>th</sup> November – 1<sup>st</sup> December, 2017. Mrs. Suboohi Siddiqui, STO (LS) coordinated the Workshop. Mrs. Siddiqui welcomed the participants and gave an overview of the programme. Dr. Jagdish Arora, Director, INFLIBNET Centre inaugurated the Workshop. Mr. H.G. Hosamani extended a warm

विकास के लिए योगदान करना, कर्मचारियों को पुस्तकालयों में ऑनलाइन संसाधनों और अन्य आईसीटी अनुप्रयोगों तक पहुंचने में प्रशिक्षण प्राप्त करना। 6 प्रतिभागियों ने कार्यक्रम में भाग लिया। राष्ट्रीय कार्यशाला के दौरान इनफ्लिबनेट केंद्र के विशेषज्ञों द्वारा हिंदी में दिए गए व्याख्यान का विवरण निम्नानुसार थे।

vote of thanks at the end of the Workshop. The aim of the National Workshop was to contribute towards overall development of library personnel through training /workshops, to get the staff trained in accessing online resources and other ICT applications in libraries. 6 participants attended the programme. Details of lectures delivered in Hindi by experts of INFLIBNET Centre during the National Workshop are as follows:



**इनफ्लिबनेट केंद्र, गांधीनगर में एल आई एस के लिए आईसीटी पर क्षमता निर्माण कार्यक्रम पर राष्ट्रीय कार्यशाला के प्रतिभागियों**  
(Participants of National Workshop on Capacity Building Programme on ICT for LIS at INFLIBNET Centre, Gandhinagar)

| विषय (Topics)  | विशेषज्ञों का नाम (Name of Experts)   |
|--|---|
| इनफ्लिबनेट : क्रियाएँ और सेवाएँ<br>INFLIBNET: Activities and services  | श्री अशोक कुमार राय, वैज्ञानिक-डी (सी एस)<br>Mr. Ashok Kumar Rai, Scientist D (CS)                  |
| लाइब्रेरी स्वचालन सोल और कोहा द्वारा<br>Library automation using SOUL and KOHA   | श्री एच जी होसमनी, वैज्ञानिक-सी (एल एस)<br>Mr. H G Hosamani, Scientist C (LS)                       |
| सोल प्रशासन मॉड्यूल<br>SOUL Administration module  | श्री विजयकुमार श्रीमाली,<br>वैज्ञानिक एवं तकनीकी सहायक (सी एस)<br>Mr. Vijaykumar Shrimali, STA (CS) |
| लाइब्रेरी स्वचालन सोल: प्रसूचीकरण मॉड्यूल<br>Library automation SOUL: Cataloguing module   | श्री दिनेश रंजन प्रधान, वैज्ञानिक-बी (एल एस)<br>Mr. Dinesh Ranjan Pradhan, Scientist B (LS)         |
| लाइब्रेरी स्टैंडर्ड्स और डब्लिन कोर का परिचय<br>Introduction to Library Standards and Dublin Core  | श्रीमती वैशाली शाह, वैज्ञानिक-बी (एल एस)<br>Mrs. Vaishali Shah, Scientist B (LS)                    |
| लाइब्रेरी स्वचालन: सोल परिसंचरण मॉड्यूल<br>Library automation SOUL: Circulation module   | श्री दिव्यकांत वाघेला, वैज्ञानिक-बी (सी एस)<br>Mr. Divyakant Vaghela, Scientist B (CS)              |
| लाइब्रेरी स्वचालन कोहा: स्थापना<br>Library automation KOHA: Installation   | श्री विजयकुमार श्रीमाली, वैज्ञानिक एवं तकनीकी सहायक (सी एस)<br>Mr. Vijaykumar Shrimali, STA (CS)    |
| लाइब्रेरी स्वचालन कोहा: प्रसूचीकरण मॉड्यूल<br>Library automation KOHA: Cataloguing module  | डॉ. मितेशकुमार पंड्या, वैज्ञानिक-बी (एल एस)<br>Dr. Miteshkumar Pandya, Scientist B (LS)             |
| डीस्पेस डिजिटल लाइब्रेरी सॉफ्टवेयर का उपयोग कर आई आर का निर्माण<br>Creation of IR using D Space digital library software                 | श्री स्वप्निल पटेल, वैज्ञानिक-बी (सी एस)<br>Mr. Swapnil Patel, Scientist B (CS)                     |
| ई लर्निंग और MOOCs: एक परिचय<br>E learning and MOOCs :An introduction  | श्री अभिषेक कुमार, वैज्ञानिक-सी (सी एस)<br>Mr. Abhishek Kumar, Scientist C (CS)                     |
| मुक्तस्रोत सॉफ्टवेयर और उपकरण तथा एंटी प्लागियरिज्म सॉफ्टवेयर<br>Open source software, tools and anti-plagiarism software                | श्रीमती सुबूही सिद्दीकी, वैज्ञानिक एवं तकनीकी अधिकारी (एल एस)<br>Mrs. Suboohi Siddiqui, STO (LS)    |
| पुस्तकालयों के लिए नए उभरते विचार<br>New emerging trends for libraries   | श्री राजा वी., वैज्ञानिक-बी (सी एस)<br>Mr. Raja V., Scientist B (CS)                                |
| ई-स्रोत और खोज उपकरणों का परिचय<br>Introduction to e-resources and discovery tools   | श्री पल्लव प्रधान, वैज्ञानिक-बी (एल एस)<br>Mr. Pallab Pradhan, Scientist B (LS)                     |
| पुस्तकालयों के लिए वेब 2.0 उपकरण और अन्य सोशल मीडिया का उपयोग<br>Use of social media and other web 2.0 tools for libraries               | सुश्री कृति त्रिवेदी, वैज्ञानिक-बी (एल एस)<br>Mr. Kruti Trivedi, Scientist B (LS)                   |
| यूनिकोड द्वारा भारतीय लिपियों का बहुभाषीय सूचना प्रतिनिधित्व<br>Representation of multilingual information with unicode for Indic Script | श्री दिव्यकांत वाघेला, वैज्ञानिक-बी (सी एस)<br>Mr. Divyakant Vaghela, Scientist B (CS)              |

## Three-day National Workshop on Libraries on Cloud, INFLIBNET Centre, Gandhinagar, 6<sup>th</sup>-8<sup>th</sup> December, 2017



**Participants of National Workshop on Libraries on Cloud at INFLIBNET Centre, Gandhinagar**

The INFLIBNET Centre organized National Workshop on Libraries on Cloud at INFLIBNET Centre, Gandhinagar from 6<sup>th</sup> to 8<sup>th</sup> December, 2017. Mr. Manoj Kumar K., Scientist D (CS), Mr. Abhishek Kumar, Scientist C (CS) and Mr. Raja V, Scientist B (CS) coordinated the programme. Dr. Jagdish Arora, Director inaugurated the

programme. The aim of the Workshop was to cover the fundamentals, installation of ILMS and repository on Cloud. Mr. H. G. Hosamani, Scientist C (LS) extended a warm vote of thanks. 8 participants attended the programme. Details of lectures delivered by experts of INFLIBNET Centre during the National Workshop are as follows:

| Topics   | Name of the Experts                      |
|--|--|
| INFLIBNET Activities and Services  | Mr. Abhishek Kumar, Scientist C (CS)     |
| Introduction to Cloud  | Mr. Raja V, Scientist B (CS)             |
| Virtualization and Linux Basic Commands  | Mr. Hitesh Solanki, Scientist B (CS)     |
| Public Cloud: An overview and AWS Features and Demonstration                       | Mr. Raja V, Scientist B (CS)             |
| Understanding Cloud and Library CMS, ILMS, IRIS and IR                             | Mr. Abhishek Kumar, Scientist C (CS)     |
| Hands-On Session : Content Management System Creation on Cloud (Joomla)            | Dr. Miteshkumar Pandya, Scientist B (LS) |
| Hands-On Session : Institutional Repository on Cloud (Eprints)                     | Mr. Raja V, Scientist B (CS) & Team      |
| Hands-On Session : ILMS-Integrated Library Management Systems on Cloud (e.g. KOHA) | Mr. Divyakant Vaghela, Scientist B (CS)  |
| Hands-On Session : Maintenance, Backup and Restore of VM                           | Mr. Swapnil Patel, Scientist B (CS)      |



Three-day National Conference on iETD 2017 and Advanced Training Programme on Shodhganga, INFLIBNET Centre, Gandhinagar, 13<sup>th</sup>-15<sup>th</sup> December, 2017



**Participants of National Conference on iETD 2017 and Advanced Training Programme on Shodhganga, INFLIBNET Centre, Gandhinagar**

The INFLIBNET Centre organised National Conference iETD 2017 and Advanced Training Programme on Shodhganga at INFLIBNET Centre, Gandhinagar from 13th to 15th December, 2017. The Conference theme was 'Re-Envisaging iETDs: Roles and Responsibilities'. Mr. Manoj Kumar K, Scientist D (CS), Convenor and Ms. Suboohi S., STO (LS), Co-Convenor coordinated the programme. Mr. Manoj Kumar welcomed the guests and participants and briefed about the INFLIBNET Centre and iETD. He also thanked the universities for contributing their full-text theses and for making formidable collection of 1,73,000 theses that are available in Shodhganga. Prof. Kamlesh Joshipura, Hon'ble Governing Board Member, INFLIBNET Centre and Former Vice-Chancellor, Saurashtra University inaugurated the

programme by lighting the ceremonial lamp in presence of Dr. Nabi Hasan, University Librarian, Aligarh Muslim University, Dr. Hasan Jamal Abidi, University Librarian, Jamia Milia Islamia, Mr. Manoj Kumar K, Scientist D (CS), Mr. H. G. Hosamani, Scientist C (LS) and Ms. Suboohi Siddiqui, STO (LS), INFLIBNET Centre. In his Inaugural address, he emphasised on the need to improve the quality of research in universities as well as to avoid plagiarism that is a major challenge for the higher education.

Dr. Nabi Hasan delivered keynote address. He highlighted the process of digitisation of theses carried out at the AMU. Ms. Suboohi briefed about programme of iETD 2017. Mr. H. G. Hosamani extended a warm vote of thanks at the end of the

inaugural function. The representatives of top 10 contributing universities were facilitated during the programme for submitting the highest number of theses into the repository. About 50 participants from more than 30 universities attended the programme including Aligarh Muslim University, Jamia Milia Islamia University, Gujarat University,

M S University, IIT Gandhinagar, Savtribai Phule Pune University and Central University of Kashmir. Details of the presentations and lectures delivered by experts during the National Conference and Training Programme were as follows:

| Topics   | Name of the Experts   |
|--|---|
| ETD Programs/Projects at International Level: an Overview  | Dr. T S Kumbar, Librarian, IIT Gandhinagar  |
| Developing Institutional Repositories and Role of Creative Commons   | Dr. Nabi Hasan, University Librarian, Aligarh Muslim University, Aligarh  |
| Initiating ETD Digital Library at AIIMS, New Delhi   | Dr. S Siva Chidambaram, Chief Librarian, All India Institute of Medical Sciences, New Delhi   |
| Qualitative Academic Writing and Publications  | Prof. Jagdish S Joshi, Professor & Director, UGC-Human Resource Development Centre (UGC-ASC), Gujarat University, Ahmedabad               |
| iETD at MSU : A Case Study   | Dr. Mayank Trivedi, University Librarian, The Maharaja Sayajirao University of Baroda, Baroda   |
| Electronic Theses & Dissertations (ETDs) Shodhganga: A Need for Extension  | Dr. D. D. Mestri, Library & Information Officer, International Institute for Population Sciences, Mumbai                                  |
| ETD @ Shodhganga by Universities in Rajasthan  | Mr. Prashant Shrivastava, Librarian, AIIMS, New Delhi   |
| A Model for Temporal Metadata (XML Based) Management in Digital Libraries  | Mr. Nisarg Nalinbhai Pathak ,Controller of Examination, Swarnim Gujarat Sports University, Gandhinagar                                    |
| University Ranking Parameter @ Research and Present Status of Shodhganga in Digital India                          | Mr. Sukanta Kr Patra, Assistant Librarian, Jadavpur University and Ms. Mousumi Das, Assistant Librarian, Techno India University, Kolkata |
| Introduction to Shodhganga / Shodhgangotri   | Mr. Manoj Kumar K, Scientist D (CS), INFLIBNET Centre   |
| Theses Submission in Shodhganga & Roles and Privileges of University Coordinators in Shodhganga (Hands-on Session) | Shodhganga Team   |
| Use and Usage : Browse Search and Download (Hands-on Session)  | Shodhganga Team   |

| Topics  | Name of the Experts   |
|---|---|
| Use and Usage : Browse Search and Download (Hands-on Session)   | Shodhganga Team   |
| Introduction to DSpace and Building IR  | Mr. Raja V., Scientist B (CS), INFLIBNET Centre                                 |
| Anti-Plagiarism Tools and Services and Hands on for Using Anti Plagiarism Software URKUND and Policy Guidelines | Mr. Manoj Kumar K, Scientist D (CS) & Ms. Suboohi S, STO (LS), INFLIBNET Centre |
| Role of Persistent Identity (ORCID) and Research Information Network System in Higher Education                 | Mr. Kannan P, Scientist C (LS), INFLIBNET Centre                                |
| Introduction to Library Standards, Metadata and Dublin Core   | Mrs. Vaishali Shah, Scientist B (LS), INFLIBNET Centre                          |

Five-day National Workshop on Building Digital Libraries Using DSpace, Dr. Ram Manohar Lohiya National Law University, Lucknow, 18<sup>th</sup> – 22<sup>nd</sup> December, 2017



**Participants of National Workshop on Building Digital Libraries Using DSpace at Dr. Ram Manohar Lohiya National Law University, Lucknow**

Five-day National Workshop on Building Digital Libraries Using DSpace organised by Dr. Ram Manohar Lohiya National Law University in collaboration with INFLIBNET Centre,

Gandhinagar at Madhu Limaye Library, Dr. Ram Manohar Lohiya National Law University, Lucknow from 18<sup>th</sup> to 22<sup>nd</sup> December, 2017. Dr. Maneesh Kumar Bajpai, Librarian-In-Charge

coordinated the programme and welcomed the guests and participants. Prof. (Dr.) Sanjay Singh, Acting Vice-Chancellor inaugurated the programme in presence of Mr. Yashvant Rao, IAS, Registrar, Dr. Maneesh Kumar Bajpai, Librarian-In-Charge, Dr. Ram Manohar Lohiya National Law University, Dr. M. K. Singh, Librarian, Indian Institute of Management, Lucknow and Prof. (Dr.) M. P. Singh, Head, DLIS, Babasaheb Bhimrao Ambedkar University, Lucknow . Dr. M. K. Singh, Librarian, Indian Institute of Management, Lucknow delivered keynote address. Prof. (Dr.) M. P. Singh, Head & Dr. S. K. Sonkar, Assistant Professor, DLIS, BBAU, Lucknow, Mr. Swapnil Patel, Scientist B (CS), INFLIBNET Centre, Gandhinagar, Dr. Nabi Hasan, Librarian, Aligarh Muslim University, Aligarh, Dr. Sanjay Kataria, Librarian, Bennett University, Noida and Dr. Vinit Kumar, Assistant Professor, DLIS, Central University of Gujarat, Gandhinagar were the

resource persons. Theoretical lectures were followed by “hands-on” practice on various module of the DSpace. All the practical sessions of the Workshop involved intensive discussions and interactions on various aspects of DSpace between participants and the resource persons. 52 participants including LIS professionals and students from National Law Universities, IIMs, IITs, Universities, Kendriya Vidyalayas and other institutions participated in the Workshop.

During the valedictory function, Dr. Jyoti Mishra, Deputy Librarian, University of Lucknow, Lucknow addressed the gathering. Prof. (Dr.) Sanjay Singh, Acting Vice-Chancellor distributed certificates to the participants. Prof. (Dr.) K. L. Mahawar, DLIS, Babasaheb Bhimrao Ambedkar University, Lucknow was Guest of Honour. He delivered keynote address. Dr. Maneesh Kumar Bajpai extended a warm vote of thanks at the end of the programme.

### Three-day National Workshop on Organizing Research with Reference Management Tools, INFLIBNET Centre, Gandhinagar, 27<sup>th</sup> – 29<sup>th</sup> December, 2017



**Participants of National Workshop on Organizing Research with Reference Management Tools at INFLIBNET Centre, Gandhinagar**

The INFLIBNET Centre organized National Workshop on Organizing Research with Reference Management Tools at INFLIBNET Centre, Gandhinagar from 27<sup>th</sup> to 29<sup>th</sup> December 2017. Mr. Pallab Pradhan, Scientist B (LS), INFLIBNET Centre coordinated the Workshop. Mr. Manoj Kumar K., Scientist D (CS), INFLIBNET Centre inaugurated the Workshop. The aim of the

National Workshop was to give overview of reference management tools like Zotero, Mendeley and EndNote and their usefulness in organizing research. Mrs. Hema Cholin, STO (LS) extended a warm vote of thanks. 9 participants attended the programme. Details of lectures delivered by experts during the National Workshop are as

| Topics  | Name of the Experts   |
|---|---|
| Theory Session on Introduction to Research & Ethics, Research Writing and Referencing/ Citations Styles Guide | Dr. Nilanjan Roy, Director, ARIBAS, Anand                   |
| INFLIBNET Activities and Services   | Mr. Abhishek Kumar, Scientist C (CS), INFLIBNET Centre      |
| Reference Management Tools  | Mr. Pallab Pradhan, Scientist B (LS), INFLIBNET Centre      |
| Research & Academic Identities  | Mr. Kannan P, Scientist C (CS), INFLIBNET Centre            |
| Zotero  | Mr. Mallikarjun Dora, Professional Assistant, IIM Ahmedabad |
| Zotero (Hands-on)   | Mr. Mallikarjun Dora and Mr. Pallab Pradhan                 |
| Endnote   | Ms. Subhashree Negi, Clarivate Analytics                    |
| Endnote (Hands-on)  | Ms. Subhashree Negi & Mr. Pallab Pradhan                    |
| Mendeley  | Ms. Shubhra Dutta, Elsevier                                 |
| Mendeley (Hands-on)   | Ms. Shubhra Dutta and Mr. Pallab Pradhan                    |
| Comparison between Reference Management Tools   | Mr. Pallab Pradhan Scientist B (LS), INFLIBNET Centre       |
| Referencing and Plagiarism (Demo on Use of URKUND Anti-Plagiarism s/w)  | Mr. Manoj Kumar K, Scientist D (CS), INFLIBNET Centre       |

## E-Content Development / Meeting /Workshop under e-PG Pathshala

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Workshop-cum-Meeting for Stakeholders of the Paper 'Food Technology', INFLIBNET Centre, Gandhinagar, 16<sup>th</sup> -17<sup>th</sup> December, 2017

The INFLIBNET Centre organised Workshop-cum-Meeting for the stakeholders of the paper 'Food Technology' at INFLIBNET Centre, Gandhinagar from 16<sup>th</sup> to 17<sup>th</sup> December, 2017. Principal Investigator and their Paper coordinators of the paper 'Food Technology' attended Workshop-

cum-Meeting to review final work for the paper 'Food Technology'. Besides, Team of Prof. Atanu Jana, Dairy Technology at Sheth M.C. College of Dairy Science, AAU, Anand visited INFLIBNET Centre on 23<sup>rd</sup> December, 2017 and recorded their pending modules at BISAG, Gandhinagar.

## Attachment Training Programme for Practicing Library Professionals, INFLIBNET Centre, Gandhinagar

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The Centre organized Attachment Training Programmes (ATP) at INFLIBNET Centre, Gandhinagar where-in working library professionals from university/institutions availed the training from experienced INFLIBNET staff. The objective of ATP is to train the LIS professionals on ICT applications in libraries at various levels from

basic to advance. Mr. Bhushan N Dayawate, Amravati took the benefit of ATP at second level during 3<sup>rd</sup> to 7<sup>th</sup> July, 2017. Mr. Jai Prakash Singh took the benefit of ATP at fourth level during 18<sup>th</sup> to 22<sup>nd</sup> September, 2017

# 11<sup>th</sup> International CALIBER 2017, Anna University, Chennai 2<sup>nd</sup>-4<sup>th</sup> August, 2017

The 11th International CALIBER 2017 was organised by Anna University, Chennai in collaboration with INFLIBNET Centre, Gandhinagar at Vivekananda Auditorium, Anna University, Chennai from 2<sup>nd</sup> to 4<sup>th</sup> August 2017 on the theme “Re-Envisioning Role of Libraries: Transforming Scholarly Communication”. The main theme of the convention was divided into four sub-themes i.e. Open Education; Research Data and Knowledge Management; Role of Library and Information Centres (LIC) in the Assessment of Research and Best Practices, Services and Challenges for Re-Envisioning. 21 publishers participated in the exhibition arranged as part of the Convention. More than 260 delegates registered for the convention including delegates from UK and USA. Out of 150 submissions, 53 papers were

selected for presentation and 35 papers were selected for poster presentations.

## Inaugural Session

Prof. Dr. S. Ganesan, Registrar, Anna University welcomed the dignitaries, speakers and delegates on the dais as well as guests and participants. He appreciated the efforts of the organizing committee and the other members for organising the Convention. Mr. Manoj Kumar K, Convener and Scientist D (CS), INFLIBNET Centre apprised the audience about the recent achievements of the INFLIBNET Centre and also informed that the Convention deliberations are being telecasted live on SWAYAMPRAKASHA DTH channels for the professionals at remote locations across the country. Dr. R. K. Chadha, Former Additional



**Dr. Jagdish Arora, Director, Mr. Manoj Kumar, Scientist D (CS), INFLIBNET Centre, Prof. T.V. Geeta, Dean CEG, Prof. Dr. S. Ganesan, Registrar, Dr. G Krishnamoorthy, Director, University Library, Anna University, Thiru K P Anbalagan, Honourable Minister of Higher Education, Mr. Rajendra Ratnoo, IAS, Commissioner of Technical Education, Mr. Sunil Paliwal, Principal Secretary, Higher Education, Government of Tamil Nadu, Mr. Pawan Agrawal (IAS), CEO, FSSAI and Dr. R. K. Chadha, Former Additional Secretary, Parliament of India on the Dias during 11th International CALIBER 2017, Anna University, Chennai**

Secretary, Parliament of India and Director of the Convention delivered special address. He mentioned that scenario is changing very fast everywhere including libraries. Libraries will have to keep pace with the changes and take benefits on the technological frontier. He emphasized that librarians must be ready for rethinking, reinventing and re-envision of their role. Dr. Jagdish Arora, Director, INFLIBNET Centre, in his special address, briefly highlighted the activities of INFLIBNET Centre and recent initiatives pertaining to hosting of scholarly content, course content development and delivery on e-learning and MOOCs, and Indian institutional ranking on NIRF platform.

Prof. T.V. Geeta, Dean CEG, Anna University emphasized on the need to keep a track on the needs of young users who want more of digital content than physical/printed sources in the libraries. She also emphasized that sharing amongst the libraries is much more crucial than depending on what is available in libraries. Standards for creation of metadata for digital objects are needed in order to make better use of datasets/digital objects. Mr. Rajendra Ratnoo, IAS,

Commissioner of Technical Education Government of Tamil Nadu, in his special address, emphasized that knowledge contained in manuscripts need to be protected and digitized for posterity. Mr. Sunil Paliwal, Principal Secretary, Higher Education, Government of Tamil Nadu, in his presidential address, expressed his pleasure for hosting the Convention in Chennai and opined that the future of reading lies in appropriate adaptation and adaptation of emerging technologies. He informed the gathering about the Government's initiative regarding linking up of all the 13 universities in the state of Tamil Nadu, to facilitate pooling of resources with an aim to enhance sharing of resources among libraries.

Mr. Pawan Agrawal (IAS), CEO, FSSAI, in his keynote address, emphasized that libraries are changing in context of services in higher education institutions and particularly with regard to use of technologies. He appreciated the efforts made by INFLIBNET in the context of automation, digitization, networking, content development and delivery, knowledge management, etc. He cautioned that libraries could not be complacent



Participants of the Convention



and continued with their traditional role of accumulating information but have to reinvent the services, collection, activities and staff skills.

Thiru K P Anbalagan, Honourable Minister of Higher Education, Government of Tamil Nadu inaugurated the programme. In his inaugural address, he stressed the vital role that libraries have been playing for many centuries in the development of the societies and nations.

Dr. G Krishnamoorthy, Organizing Secretary, CALIBER 2017 and Director, University Library, Anna University Library extended a warm vote of thanks and expressed sincere gratitude to all the

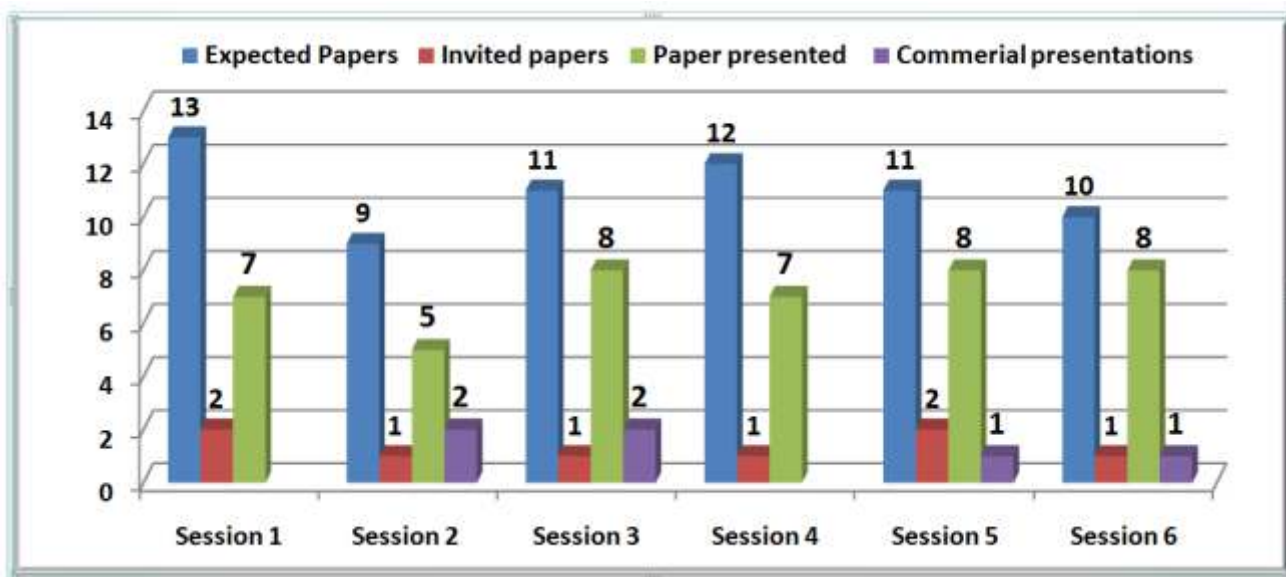
dignitaries and invitees for their blessings and deliberations for the success of the event.

### Tutorials

Convention tutorials were delivered on e-Shodh Sindhu by Mr. Ashok Kumar Rai, Scientist D (CS), INFLIBNET Centre; MOOCs by Mr. Jaydev Rath, Microsoft; Anti-plagiarism software URKUND; Shodhganga by Mr. James Bennett, Head of Sales, URKUND, Sweden & Mr. Manoj Kumar K., Scientist D (CS), INFLIBNET Centre and invited presentation delivered by Mr. Brandon A. Nordin, Senior Vice President, ACS Publications, USA.

| Session | Theme of the Session   | Chair  | Co-Chair  | Invited Speaker   |
|---------|--|--|---|---|
| I       | Open Education   | Dr. Nabi Hassan, University Librarian, Aligarh Muslim University, Aligarh    | Prof. Sanjay Singh, Head, Guahati University, Guwahati              | Ms. Snoeyenbos, Manager, John Hopkins University Press, USA and Prof. Uma Kanjilal, Professor, DLIS, IGNOU, New Delhi               |
| II      | Research Data and Knowledge Management-I University, Madurai | Dr. B. Suresh, University Librarian, Madurai Kamaraj Information Centre, New | Dr. R. K. Sharma, Librarian, United Nations Delhi                   | Dr. Usha Mujoo-Munshi, Librarian, IIPA, New Delhi   |
| III     | Research Data and Knowledge Management-II                    | Prof. S.M. Safi, DLIS, University of Kashmir Srinagar                        | Dr. B. Sahoo, Deputy Librarian, IIT Bhubaneswar                     | Dr. B. Sutradhar, Librarian, IIT Kharagpur  |
| IV      | Role of LIC in Assessment of Research                        | Dr. Mahendra Jadhav, IIT Madras  | Dr. Wooma Shankar Dev Nath, Librarian, Guahati University, Guwahati | Dr. Ramesh Gaur, University Librarian Jawaharlal Nehru Univ., New Delhi   |
| V       | Best Practices, Services and Challenges for Envisioning-I    | Dr. N. Varatharajan, Librarian, University of Hyderabad, Hyderabad           | Dr. Sarangapani   | Dr. John Huagliardo, Executive Director, World eBook Library and Dr. M. Saibaba, Indra Gandhi Centre for Atomic Research, Kalpakkam |
| VI      | Best Practices, Services and Challenges for Envisioning-I    | Dr. M. G. Sreekumar, IIM Kohzikode   | Dr. P. Nishy, NISCAIR, New Delhi                                    | Prof. K. S. Raghavan, Visiting Scientist, PES University, Bengaluru   |

### Session-wise Break up of Research and Commercial Presentations



### Technical Sessions

The presentations in the Convention were organized into the following 6 technical sessions, wherein 52 presentations were made including presentations on the theme papers. 6 commercial product presentations were made by their respective representatives:

### Panel Discussion

A panel discussion on the theme of the Convention “Re-Envisioning Role of Libraries: Transforming Scholarly Communication” was organized prior to the concluding session of Convention. Prof. I V Malhan, Head, DLIS, Central University of Himachal Pradesh, Panel Chairman, Prof. Jagtar Singh, Head, DLIS, Punjabi University, Patiala, Prof. A R D Prasad, DRTC, Bangalore, Prof. S Srinivasa Ragavan, University Librarian and Head, DLIS, Bharathidasan University, Tiruchirappalli, Dr. N C Ghosh, Librarian, CSIR – Indian Institute of Chemical Biology, Kolkata, Dr. G. Mahesh, Sr. Principal Scientist, NISCAIR, New Delhi were panelists for the session. Prof. Jagtar Singh spoke on enhancing the access to information in the new

environment. Dr. G Mahesh shared his views regarding changing face of scholarly journals. Dr. N C Ghosh raised pertinent issues in the emerging information environment. Prof. ARD Prasad expressed his views on importance of creation and effective use of data repositories and Prof. Srinivasa focused on information services in the new digital information era. The panel discussion was followed with lively discussions between panelists and participants.

### Valedictory Session

During valedictory function, Dr. G Krishnamoorthy, Organizing Secretary presented an overview of the Convention and Dr. Dinesh Gupta, Rapporteur General of the Convention presented a brief report and major recommendations of the Convention. Prof. Dr. S. Ganesan, Registrar, Anna University, Dr. R. K. Chadha, Convention Director and Dr. Jagdish Arora, Director INFLIBNET Centre presented their views on the achievements of the Convention. Memory mementos were presented to the dignitaries on this occasion. Mr. Manoj Kumar K, Convenor of the Convention extended a warm vote of thanks at the end of the Convention.

## Recommendations

- » LIS professionals need to explore possibilities of using SWAYAM platform for skill development, refresher courses and continuing education with courses oriented towards emerging technologies and services.
- » Library and Information Centres need to re-purpose their activities and services oriented towards supporting MOOCs and online Courses appropriately.
- » The LIS community should promote application-based research to keep pace with the changing trends.

- » Academic libraries should create data repository/data banks on research outputs of its institute/university, for which a system for capacity enhancement and building a core community of practice needs to be put in place.
- » Each university/ institution in the higher education should foster open licensing policy for making knowledge resources discoverable, shareable and re-usable.
- » The LIS Schools need to revamp their curriculum, keeping in view of the changing landscape of information and data seeking patterns.

## The 2017 Higher Education Forum, Elsevier Science, New Delhi 31<sup>st</sup> October, 2017

The 2017 Higher Education Forum was organized by the INFLIBNET Centre in collaboration with the Elsevier Science at the Lalit Hotel, New Delhi on 31<sup>st</sup> October, 2017. It is a platform for key stakeholders from the higher education community to gather and discuss all important aspects of higher education & research in India. The agenda of the 2017 Higher education forum was built around the objective of "Research Leading the Way in Economic Development". This year forum commenced with the guest address from Dr. Jagdish Arora, Director INFLIBNET. Dr. Arora emphasized on role of ESS consortium as a collaborative platform and developing it as a sustainable model. Mr. Vinod Kaw, Regional Sales Manager highlighted the need for maximum outreach of information and how science needs to be used as tool to shape the society.

Dr. Youngsuk "YS" Chi, Chairman, Elsevier shared an exciting view of how strategic research planning can lead to economic development through the inspiring example of Mr. Sumant Sharma of Renew Energy. He highlighted the need to foster collaboration between academia, industry and policymakers to maximize the economic effect of research. Dr. Chi mentioned, a roadmap should be created through focused research into high impact areas employing evidence-based assessment to advent into the 4<sup>th</sup> industrial revolution.

Prof. Euiho Suh, Associate Vice President, DGIST, Professor & Chair Emeritus, POSTECH presented the concept of VSS to improve university rankings. He emphasized that influential research is the need of the day and the time is now or never. Dr. Alok Nath De, Corp VP and CTO, Samsung R&D

India shared a thought-provoking presentation on “Learnings in 21st century institute”. He accentuated the need for continuous learning to increase the half-life period of knowledge. The higher education centres need to change along with the developing technologies for example, digital learning platforms need to be adapted.

Dr Charon Duermeijer, Senior Director Academic Customer Engagement, Elsevier showcased ‘How Tech Transfer contributes to the economic growth

of a country’. Mr. Nitin Rawat, Senior Account Manager, Elsevier showcased the growing research landscape of India and the need of resources to boost that growth. He mentioned that India can become a leader in knowledge and innovation if all universities are able to function at their best with the optimum use of e-resources. More than 70 participants attended the programme.

## Launching of SWAYAM PRABHA, Vigyan Bhavan, New Delhi 9<sup>th</sup> July, 2017

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The MHRD organised National Convention on Digital Initiatives for Higher Education at Vigyan Bhavan, New Delhi from 8<sup>th</sup> to 10<sup>th</sup> July, 2017. During the Convention, Shri Pranab Mukherjee, Hon’ble President of India launched SWAYAM (India’s own MOOCs), SWAYAMPBABHA, National Digital Library (containing 6.5 million books) and National Academic Depository in the presence of Shri Prakash Javadekar, Minister of HRD on 9<sup>th</sup> July, 2017. During the launch, Shri Pranab Mukherjee presented a plaque to 18 national coordinators and personnel associated

with mentioned above initiatives of their commendable contribution to digital initiatives for higher education. Dr. Jagdish Arora, Director and Mr. Abhishek Kumar, Scientist C (CS), INFLIBNET Centre also received the honour from the president. Dr. Jagdish Arora delivered an invited talks on “Vidwan: Expert Database and National Researcher’s Network”, “e-Shodh Sindhu: Consortium for Higher Education e-Resources” and “e-Vidya-mitra: Integrated e-Content Portal” during the Convention from 8<sup>th</sup> to 10<sup>th</sup> July, 2017.

## NDLTD Leadership Award to Dr. Jagdish Arora, Director and Mr. Manoj Kumar K., Scientist D (CS), INFLIBNET Centre

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Dr. Jagdish Arora and Mr. Manoj Kumar K were conferred with prestigious NDLTD Leadership Award at Washington DC, USA on 7<sup>th</sup> August, 2017. Prof. Edward Fox, Chairman, NDLTD and Dr. James Mac Donald, Chairman of Award Committee presented the award during “20th International Symposium on Electronic Theses and Dissertations” organised by George Mason

University with additional support from the Washington Research Library Consortium and co-organized by Networked Digital Library of Theses and Dissertations (NDLTD) and United States Electronic Thesis and Dissertation Association (USETDA) at Washington, D.C, USA from 7<sup>th</sup> to 9<sup>th</sup> August, 2017.

## Consortium for Educational Communication (CEC) signed MoU with INFLIBNET Centre for Revamping CEC Website

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Prof. Rajbir Singh, Director, CEC and Dr. Jagdish Arora, Director, INFLIBNET Centre signed an MoU for developing, designing and hosting CEC Website along with e-resources including Video, e-Content and LORs developed by CEC on BAADAL Cloud of MHRD at CEC, New Delhi on 18<sup>th</sup> October, 2017. The INFLIBNET Centre would take-up the following assignments as per the MoU:

- » Redesigning and revamping of existing website using open source technology;
- » Aesthetic design of web pages;
- » Reformatting e-resources including Video, e-Content and LORs for open source platform;
- » Designing back-end database of metadata for Video, e-Content and LORs (approx 40,000);

- » Search interface for e-Content, Video, and LORs;
- » Coding/development of web pages;
- » Testing;
- » Security Audit: to be conducted by CEC. However, INFLIBNET will solve the issue, if any, raised during audit report; and
- » Hosting website and e-Content on BAADAL and maintenance planning, if required.

## Current Status of INFLIBNET Access Management Federation (INFED)

The INFLIBNET Access Management Federation (INFED), the first and only access management federation in India, based on Shibboleth, standard-based open source software, for authenticating authorized users from colleges, universities and other institutes in India. The federation, set-up with permission of the Governing Board, INFLIBNET Centre provides seamless access to e-resources

from anywhere, anytime. INFED is member of eduGAIN.

As of now, 48 institutes have joined INFED. The Centre has setup and established IDPs on behalf of 12 institutes. Details are given in [https://parichay.inflibnet.ac.in/ip\\_participants.php](https://parichay.inflibnet.ac.in/ip_participants.php)

## Other Notable Activities and Events

### Independence Day

The INFLIBNET Centre celebrated 71<sup>th</sup> Independence Day on Tuesday, 15<sup>th</sup> August 2017. The National Flag was hoisted by Mr. H G Hosamani, Scientist C (LS), INFLIBNET Centre. Mr. Hosamani addressed the staff members and their families regarding the activities of the Centre. A number of games organized for staff and their children during the event and prizes were distributed to the winners of the games.



## Navratri

The INFLIBNET Centre celebrated Garba festival with great enthusiasm. The Garba night was organized for its employees and their families on 26th September 2017. The function started with Durga Puja and everyone from the campus, staff member and their families participated. The

employees and their families turned out in their best traditional attire. Dr. Jagdish Arora, Director, INFLIBNET Centre distributed the prizes for the best dance performers, best-dressed persons and children. The function concluded with the ceremonial dinner.



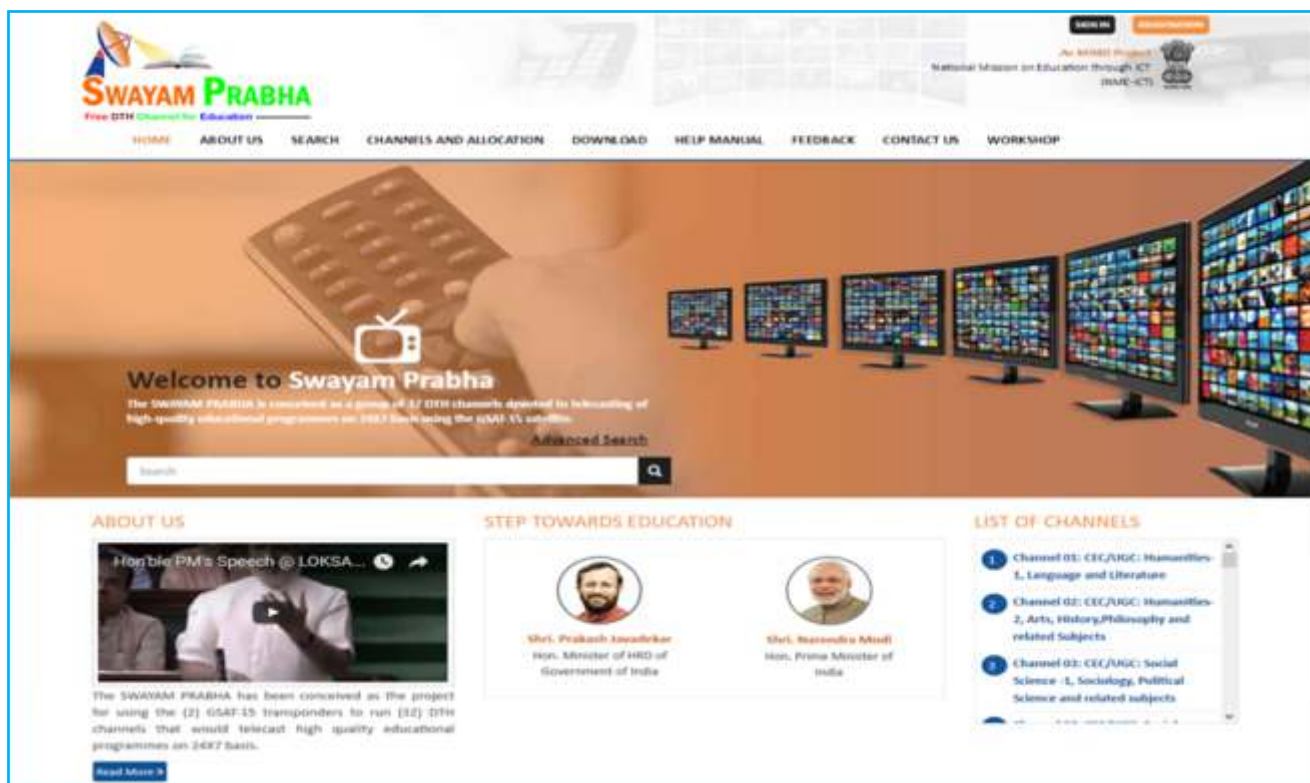
## Swayam-Prabha: Free DTH Channel and Open Access Content for Education Abhishek Kumar, Scientist C (CS)

The Hon'ble Prime Minister of India envisioned use of satellite technology for taking high quality education to masses which was reiterated in the budget speech for 2017 by Hon'ble Finance Minister. Mr. Arun Jaitley Hon'ble Finance Minister during the Budget Speech, mentioned that "we propose to leverage information technology and launch SWAYAM platform with at least 350 online courses. This would enable students to virtually attend the courses taught by the best faculty, access high quality reading resources, participate in discussion forums, take tests and earn academic grades. Access to SWAYAM would be widened by linkage with DTH channels, dedicated to education".

### 1. Introduction

The SWAYAM PRABHA is a group of 32 DTH channels devoted to telecasting of high-quality educational programmes on 24x7 basis using the GSAT-15 satellite. Four hours of content are being telecasted every day which is repeated five times in a day, allowing the students to choose the time of

their convenience. The channels are uplinked from BISAG, Gandhinagar. The contents for these 32 DTH channels are being provided by NPTEL, IITs, UGC, CEC, IGNOU, NCERT and NIOS. The INFLIBNET Centre maintains the web portal which provides schedule of content being telecasted as well as archival access to content that are already telecasted.





## 2. Objectives

The DTH Channels shall cover the followings:

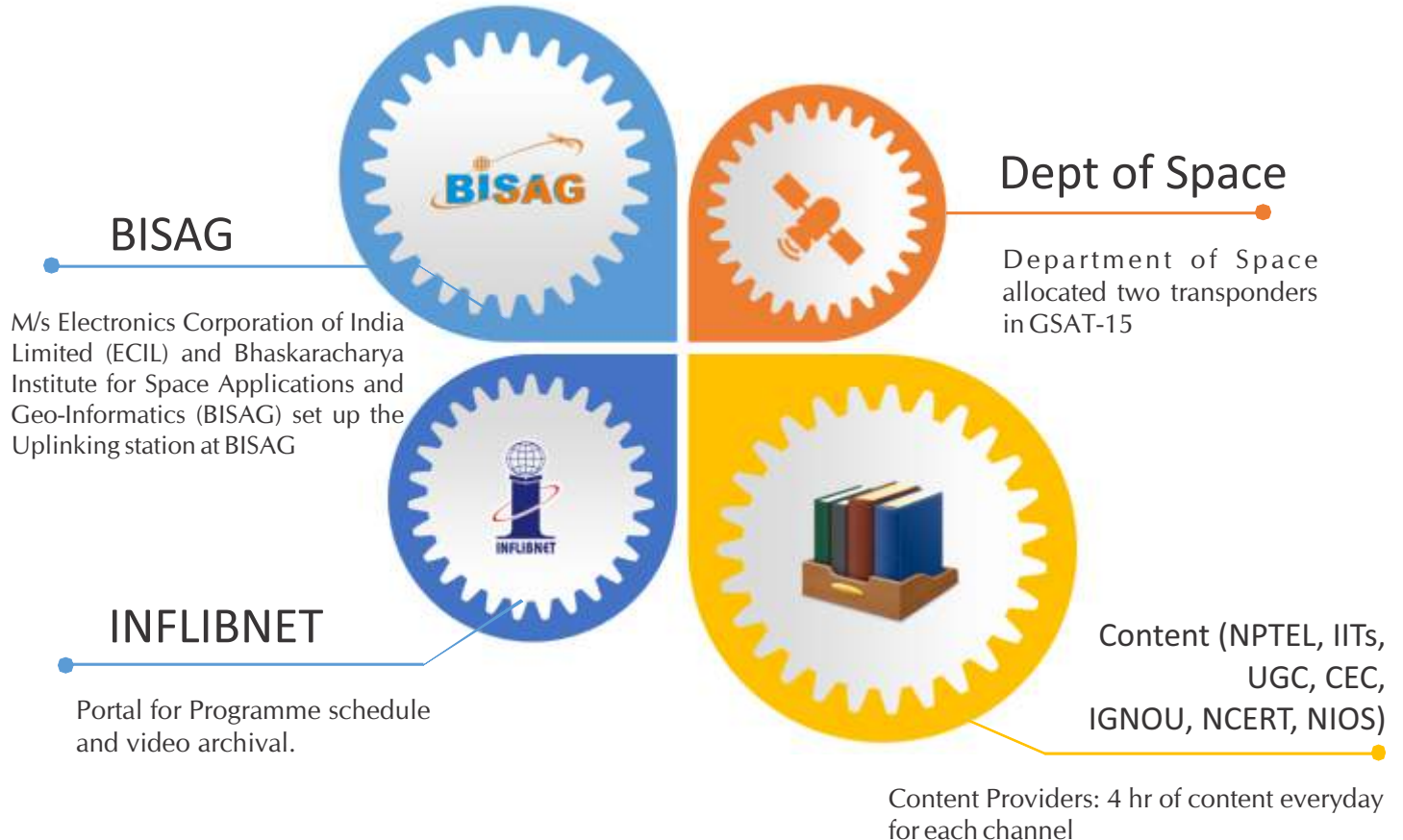
- ☞ Higher Education: Curriculum-based course contents at post-graduate and under-graduate level covering diverse disciplines such as arts, science, commerce, performing arts, social sciences and humanities, engineering, technology, law, medicine, agriculture, etc. All courses would be certification-ready in their detailed offering through SWAYAM, the platform for offering MOOCs courses.
- ☞ School Education (9-12 levels): Modules for teacher's training as well as teaching and learning aids for children of India to help them understand the subjects better and also help

them in preparing for competitive examinations for admissions to professional degree programmes.

- ☞ Curriculum-based courses that can meet the needs of life-long learners of Indian citizens in India and abroad.
- ☞ Assist students (class 11th & 12th) prepare for competitive exams.

## 3. Partners

Four partners responsible for executing this national initiative are: Department of Space (transponder provider), BISAG (telecasting partner), UGC, CEC, NPTEL, IGNOU, NIOS, NCERT and IITs (content partner), and INFLIBNET (web partner).



#### 4. Infrastructure Requirements for Receiving 32 DTH Channels and Channel Frequency

Infrastructure required for receiving 32 DTH channels are as follows:

- i) One small sized DTH Dish Antenna along with LNBF (Low Noise Block-down convertor Feedhorn)
- ii) Indoor Set-Top-Box (STB)

- iii) Remote control unit for STB

The subscribers of 'Free Dish', DTH service of Doordarshan, can view these 32 educational channels using the same Set Top Box and TV. No additional investment is required.



#### Channel Frequency

| Channel No.1 to 16               | Channel No. 17 to 32             |
|----------------------------------|----------------------------------|
| Downlink Frequency: - 11590 Mhz  | Downlink Frequency: - 11670 Mhz  |
| Polarization: - Vertical         | Polarization: - Vertical         |
| LNB Frequency: - 9750            | LNB Frequency: - 9750            |
| Symbol Rate: - 29500 Ksps FEC: ¾ | Symbol Rate: - 29500 Ksps FEC: ¾ |

## 5. Swayamprabha Portal (www.swayamprabha.gov.in)

The INFLIBNET Centre maintains a comprehensive portal for SWAYAM-PRABHA that maintains telecasting schedule as well as archives videos that are already telecasted. The portal offers the following features and functionalities to the users:

- i) Programme schedule for all 32 DTH channel;
- ii) Login based access for admin stake-holder (Channel coordinator, MHRD, BISAG and DTH-Chennai);
- iii) Searching of video content on different parameter such as channel-wise, subject-wise, etc.;
- iv) Dashboard for channel coordinator to create programme-schedule and metadata creation of each video-content;

v) Facilitate viewers to create their own corner on the portal with 'My-Library' features and SMS alert (programme-schedule) system;

vi) Feedback Mechanism;

vii) Archival Videos; and

viii) Mobile App, etc.

## 6. 32 DTH Channels

UGC, CEC, NPTEL, IITs, IGNOU, NIOS and NCERT are the national channel coordinator for 32 DTH channel. One coordinator is associated with each channel and responsible for programme schedule of that particular channel. Details of channel are as follow:

| CH. NO | Name  | Content Partner   |
|--------|---|---|
| CH-01  | Humanities-I [Language and Literature]            | Educational Multimedia Research Centre, English and Foreign Languages University, Hyderabad |
| Ch-02  | Humanities-II [Arts, History, Philosophy]         | CEC, New Delhi  |
| Ch-03  | Social Science-I                                  | Educational Multimedia Research Centre, Jai Narain Vyas University, Jodhpur, Rajasthan      |
| Ch 04  | Social Science-II                                 | CEC, New Delhi  |
| Ch-05  | Social Science – III                              | Educational Multimedia Research Centre of Jamia Millia Islamia University, New Delhi        |
| Ch-06  | Social Science – IV                               | Educational Multimedia Research Centre, Punjabi University, Patiala, Punjab                 |
| Ch-07  | Economics, Commerce and Finance                   | Educational Multimedia Research Centre, Gujarat University, Ahmedabad, Gujarat              |
| Ch-08  | Physical Science, Mathematics, Physics, Chemistry | Educational Multimedia Research Centre, University of Calicut, Thenhipalam, Kerala          |
| Ch-09  | Life Sciences, Botany, Zoology, Bio-Science       | Educational Multimedia Research Centre, University of Kashmir, Srinagar, Jammu and Kashmir  |

| CH. NO | Name  | Content Partner  |
|--------|---|--|
| Ch-10  | Applied Science, Allied Physical and Chemical Science | Educational Multimedia Research Centre (EMMRC), Anna University, Chennai |
| Ch-11  | NPTEL:Chemical Engineering & Chemistry                | IIT Kharagpur  |
| Ch-12  | Civil Engineering                                     | IIT Delhi  |
| Ch-13  | Computer Science & Computer Engineering               | IIT Kharagpur  |
| Ch-14  | Electrical Engineering, Electronics Engineering       | IIT Delhi  |
| Ch-15  | Engineering Sciences                                  | IIT Delhi  |
| Ch-16  | Humanities, Social Sciences, Management               | IIT Kanpur   |
| Ch-17  | Mechanical Engineering                                | IIT Kanpur   |
| Ch-18  | Mathematics, Metallurgy, Physics                      | IIT Tirupati / IIT Madras  |
| Ch-19  | Biology   | IIT PAL, IIT Delhi   |
| Ch-20  | Chemistry   | IIT PAL, IIT Delhi   |
| Ch-21  | Mathematics   | IIT PAL, IIT Delhi   |
| Ch-22  | Physics   | IIT PAL, IIT Delhi   |
| Ch-23  | Arts, Liberal Arts and Humanities                     | Indira Gandhi National Open University                                   |
| Ch-24  | Agriculture, Vocational and Allied Sciences           | Indira Gandhi National Open University                                   |
| Ch-25  | Culture   | Indira Gandhi National Open University                                   |
| Ch-26  | State Open Universities programs -All Subject Covered | Indira Gandhi National Open University                                   |
| Ch-27  | Secondary School Education                            | NIOS   |
| Ch-28  | Higher Secondary School Education                     | NIOS   |
| Ch-29  | Engineering, Technology                               | IIT Madras   |
| Ch-30  | Mathematics   | IIT Madras   |
| Ch-31  | School and Teacher Education                          | NCERT  |
| Ch-32  | Teacher education                                     | NIOS & Indira Gandhi National Open University                            |

## References

SWAYAM-PRABHA, <http://www.swayamprabha.gov.in>

# Visitors

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Dr. Shantanu Ganguly, Fellow, TERI, New Delhi

Ms. Sharan Pal Kaur, Senior Manager, GAIL, Noida

Prof. Kamlesh Joshipura, Hon'ble Governing Board Member, INFLIBNET Centre and Former Vice-Chancellor, Saurashtra University, Rajkot

Dr. Nabi Hasan, University Librarian, Aligarh Muslim University, Aligarh

Dr. Hasan Jamal Abidi, University Librarian, Jamia Milia Islamia, New Delhi

Dr. Nilanjan Roy, Director, ARIBAS, Anand

Dr. R K Chadha, Former Additional Secretary, Parliament of India, New Delhi

Dr. Tilak R Kem, Former Director, Consortium for Educational Communication (CEC), New Delhi

Mr. Rajesh Patel, Broadcast Engineer, BISAG, Gandhinagar

# New Appointment

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## **Mr. Kimidi Siva Shankar, Scientist B (LS)**



Mr. Kimidi Siva Shankar joined the Centre on 27<sup>th</sup> November, 2017. Prior to joining the Centre, he was working as a Senior Library Information Assistant in Indian Institute of Technology, Hyderabad from August 2014 to November 2017. Prior to that, he worked as a Library Officer in International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad from November 2011 to August 2014, as an Associate in Indian School of Business (ISB) from January 2007 to November 2011 and as a Network Assistant with DELNET from June 2006 to January 2007. He has completed Master of Library and Information Science (MLISc) from Andhra University and completed MBA (Marketing) from Annamalai University. His areas of interest are open access publishing, institutional repositories, library orientation & training sessions and library automation.

## Dr. Jagdish Arora, Director

Dr. Jagdish Arora was presented a Citation and Memento for his Commendable Contribution to Digital Initiatives for Higher Education, by the Honourable Shri Pranab Mukherjee, the then President of India, during the National Convention on Digital Initiatives, organized by the Ministry of Human Resource and Development, Govt. of India on 9<sup>th</sup> July 2017 at Vigyan Bhawan, New Delhi. He was recipient of NDLTD Leadership Award for the year 2017 for Shodhganga Scheme of the INFLIBNET Centre during 20<sup>th</sup> International Symposium on Electronic Theses and Dissertations held in Washington, D.C., USA from August 7<sup>th</sup> to 9<sup>th</sup>, 2017. He also received Librarian's Choice Award for Life Time Achievement instituted by the Royal Society of Chemistry for the year 2017 in recognition of Individual Contribution towards Library and Library Science Community of India.

Dr. Arora chaired the 3<sup>rd</sup> Meeting of the Library Advisory Board of Royal Society of Chemistry (RSC) held on 27<sup>th</sup> July, 2018 at Jaipur, Rajasthan. He was invited to participate in the Brainstorm Meeting of J-Gate Vision Group held on 19<sup>th</sup> – 20<sup>th</sup> August, 2017 in Bangalore. He was one of the panelists for the Panel Discussion on “Strengthening Public Library Ecosystem in India” during India Public Libraries Conference (IPLC) 2017 from 3<sup>rd</sup> to 5<sup>th</sup> October, 2017 at India Habitat Centre. Dr. Arora moderated the Panel Discussions on Academic and Research Libraries: Vision 2022 during International Conference on Knowledge Organization, Library &

Information Management at IIT Madras, Chennai on 25<sup>th</sup> October, 2017. He also moderated the Panel on Academic Search Engines, Discovery Tools and Publishers – Collaboration or Competition during UNESCO-NDL India International Workshop on Knowledge Engineering for Digital Library Design held during 25<sup>th</sup>- 27<sup>th</sup> October, 2017 at UNESCO House, New Delhi.

As a member of the UGC's Standing Committee on Notification of Journals, he attended its meetings held on 24<sup>th</sup> July, 2017 and 1<sup>st</sup> Dec., 2017. As a member of the Standing Committee on e-Content Production (e-PG Pathshala), Dr. Arora attended its 34<sup>th</sup> Meeting held on 18<sup>th</sup> September, 2017. He attended the Meeting of the Implementation Core Committee of the National Institutional Ranking Framework (India Rankings) 2018 held on 24<sup>th</sup> Nov., 2017 as its member.

Dr. Arora delivered the following inaugural, keynote or invited talks during the period under report:

- Invited talk on “Vidwan: Expert Database and National Researcher's Network”, delivered during “National Convention on Digital initiatives, July 8<sup>th</sup> – 10<sup>th</sup>, 2017, Vigyan Bhawan Auditorium, New Delhi.
- Invited talk on “e-Shodh Sindhu: Consortium for Higher Education e-Resources”, delivered during “National Convention on Digital initiatives, Jul 8<sup>th</sup> – 10<sup>th</sup>, 2017, Vigyan Bhawan

Auditorium, New Delhi.

- Invited talk on “e-Vidya-mitra: Integrated e-Content Portal”, delivered during “National Convention on Digital initiatives, Jul 8<sup>th</sup> – 10<sup>th</sup>, 2017, Vigyan Bhawan Auditorium, New Delhi.
- “INFLIBNET Centre: Activities and Services”, inaugural address delivered during INFLIBNET Training Programme on Library Automation (ITPRLA), 17<sup>th</sup> July, 2017 Indian Institute for Advanced Studies, Shimla.
- “INFLIBNET Centre: Activities and Services”, keynote address delivered during the Librarian's Day Celebration at the Central Library at IIT Bombay, 21<sup>st</sup> August, 2017.
- “e-Learning in Higher Education, invited talk delivered during “Third Librarian Appreciation Day”, organized by the Royal Society of Chemistry, 28<sup>th</sup> July, 2017, Jaipur.
- “INFLIBNET Centre's Activities, Services, Infrastructure and Impact”, invited talk delivered during the “National Workshop on Developing a Roadmap for Agricultural Knowledge Management in India”, 27<sup>th</sup>-28<sup>th</sup> Sept., 2017, NASC Complex, Pusa Campus, New Delhi.
- “Impact of INFLIBNET Services on Research and Teaching at Indian Universities”, invited talk during ShodhSikshaSameeksha, 1<sup>st</sup> October, 2017, IUCAA, Pune.
- “Use of e-Resources in Public Libraries to Reach the Unreached: Consortia Approach” invited talk on delivered during India Public Libraries Conference (IPLC) 2017, India Habitat Centre, October 3<sup>th</sup>-5<sup>th</sup>, 2017.

- “Trasforming Libraries in 21<sup>st</sup> Century, invited talk delivered during GAIL Annual Library Meet, Monday, Nov. 6<sup>th</sup>, 2017, Gas Authority of India, NOIDA.

### **Mr. Manoj Kumar K, Scientist D (CS)**

Mr. Manoj Kumar was invited to deliver a lecture on Shodhganga & URKUND: a plagiarism detection tool at Laxmi Memorial College of Nursing, Mangalore on 31<sup>st</sup> July 2017. He was invited to deliver a lecture on Research Ethics, Reference Management Tools at Human Resource Development, Gujarat University, Ahmedabad on 1<sup>st</sup> November, 2017. He delivered an invited talk on Digitisation of Library Resources/Budgetary Process and Strategies for Effective E-Resource Mobilisation during four-day Higher Education Leadership Programme organized by Central University of Haryana, Pali from 5<sup>th</sup> to 8<sup>th</sup> December, 2017. He made a presentation on e-learning and academic resources of INFLIBNET Centre to the faculty members during Faculty Development Programme at GLS Centre for Research and Development, GLS University, Ahmedabad on 16<sup>th</sup> December 2017. Mr. Manoj Kumar delivered an invited lecture on Cloud Networking at Central University of Gujarat, Gandhinagar on 20<sup>th</sup> December 2017 during three-day National Workshop on Emerging Trends in Information Technology in University Management organised by Central University of Gujarat, Gandhinagar from 19<sup>th</sup> to 21<sup>st</sup> December, 2017.

### **Mr. Abhishek Kumar, Scientist C (CS)**

Mr. Abhishek Kumar was invited to deliver a lecture on e-learning at UGC-Human Resource

Development Centre, University of Hyderabad, Hyderabad on 1<sup>st</sup> July, 2017. He also attended meeting of Sub Committee and Standing Committee, e PG Pathshala at UGC, New Delhi on 24<sup>th</sup> July, 2017 and 18<sup>th</sup> September, 2017 respectively. He was also invited to attend meeting of Automation of functionalities of Central Universities Portal at UGC, New Delhi on 16<sup>th</sup> and 21<sup>st</sup> August, 2017 and 29<sup>th</sup> August, 2017 at MHRD, New Delhi. He was invited for demonstration on Central University Portal at Jamia Millia Islamia University on 6<sup>th</sup> September, 2017. He was also invited to attend meeting of e-governance at UGC, New Delhi on 25<sup>th</sup> September, 2017. He was invited to attend meeting of NIRF and discussion on e-NBA Accreditation Workflow System at National Board of Accreditation, New Delhi on 12<sup>th</sup> October, 2017 and 29<sup>th</sup> November, 2017. He was invited to attend a meeting on MOOC at Jadavpur University, Kolkata on 18<sup>th</sup> October, 2017. He attended a meeting of UGC website e-governors at UGC, New Delhi on 30<sup>th</sup> October, 2017. He was invited as a resource person to deliver lectures on Content Management Systems and Joomla for MLISc Students at Central University of Gujarat, Gandhinagar on 10<sup>th</sup>, 18<sup>th</sup> and 20<sup>th</sup> November, 2017. He attended a meeting of Implementation Core Committee of NIRF at MHRD, New Delhi on 23<sup>rd</sup> November, 2017. He delivered invited lecture on India Rankings at Central University of Gujarat, Gandhinagar on 20<sup>th</sup> December, 2017 during three-day National Workshop on Emerging Trends in Information Technology in University Management organised by Central University of Gujarat, Gandhinagar from 19<sup>th</sup> to 21<sup>st</sup> December, 2017.

### **Mr. Kanan P. Scientist C (LS)**

Mr. Kanan presented a paper on Indian Research Information Network System: An overview during 3<sup>rd</sup> Global Conference on Emerging Trends in Business Librarianship jointly organized by IIM Ahmedabad and Indian School of Business at IIM Ahmedabad during 21<sup>st</sup> to 22<sup>nd</sup> November, 2017.

### **Mr. Divyakant Vaghela, Scientist B (CS)**

Mr. Divyakant was invited as a resource person to deliver three sessions on INFLIBNET Activities and Services; Open Research Data Management and ICSSR Data Service: Indian Social Science Data Repository during the programme Open Educational Resources in Higher Education (OERHE) under the MHRD Scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching Programme at Faculty Development Centre (FDC), Hemvati Nandan Bahuguna Garhwal University, Srinagar from 6<sup>th</sup> to 7<sup>th</sup> September, 2017. He was invited as a resource person to deliver a talk on ICSSR Data and Data Repository Access on 27<sup>th</sup> November, 2017 during ICSSR Sponsored Workshop "Ten days Workshop on Research Methodology in Sociology" at Institute of Indian Culture, Mumbai from 20<sup>th</sup> to 29<sup>th</sup> November, 2017.

### **Dr. Miteshkumar Pandya, Scientist B (LS)**

Dr. Miteshkumar was invited as resource person to deliver sessions on Research Data Management and ICSSR Data Service during Ten-day Capacity Building Programme for Social Science Faculty organized by Omeo Kumar Das Institute of Social Change and Development, Guwahati on 14<sup>th</sup> July, 2017. He delivered an invited lecture on Reference Management Tools during Workshop organized for



Research Scholars on 8<sup>th</sup> November, 2017 at Mudra Institute of Communication (MICA) Ahmedabad. He also delivered an invited lecture on Open Research Data Management and ICSSR Data Service during Capacity Building Programme of ICSSR at Institute of Public Enterprises, Hyderabad on 10<sup>th</sup> November, 2017. He delivered lecture on Open Research Data Management and ICSSR Data Service during Capacity Building Programme of ICSSR at Indira Gandhi National Tribal University- RCM, Manipur from 23<sup>rd</sup> to 24<sup>th</sup> November, 2017.

#### **Mr. Hiteshkumar Solanki, Scientist B (LS)**

Mr. Hiteshkumar was invited as a resource person to deliver three sessions on Shodhganga and URKUND; e-Learning: Content Creation & Development and National Projects on e-Learning during the programme of Open Educational Resources in Higher Education (OERHE) under the MHRD Scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching Programme at Faculty Development Centre (FDC), Hemvati Nandan Bahuguna Garhwal University, Srinagar from 6<sup>th</sup> to 7<sup>th</sup> September, 2017. He delivered an invited talk on ICSSR Data service during Faculty Development Programme for Faculty in Social Science at Department of Political Science & Public Administration at Dr. Shakuntala Misra National Rehabilitation University, Lucknow from 04<sup>th</sup> to 17<sup>th</sup> October, 2017 and Ten-Day Research Methodology Course for PhD Student at Department of Anthropology, West Bengal State University, Kolkata from 04<sup>th</sup> to 13<sup>th</sup> December, 2017. He was also invited to conduct sessions on Network based Information System, Virtualization Basics and AWS Educat and basics during Two days Workshop on Cloud Computing

organized by University Computer Centre & Institute of Engineering and Technology, Dr. Bhim Rao Ambedkar University, Agra during 27<sup>th</sup> to 28<sup>th</sup> November 2017.

#### **Mr. Pallab Pradhan, Scientist B (LS)**

Mr. Pallab Pradhan was invited as a resource person to deliver two sessions on ICSSR Data Service on 24<sup>th</sup> July, 2017 during ICSSR sponsored Ten-day Research Methodology Course for the Ph.D. Scholars from different Universities organized by P.G. Department of Statistics, Utkal University, Bhubaneswar from 24<sup>th</sup> July to 2<sup>nd</sup> August, 2017. He was invited as a resource person to deliver two sessions on ICSSR Data Service on 15<sup>th</sup> December, 2017 during ICSSR sponsored Ten-day National Workshop on Research Methodology in Social Sciences organized by Department of Psychology, Chaudhary Charan Singh University, Meerut from 8<sup>th</sup> to 17<sup>th</sup> December, 2017.

#### **Mr. Raja V., Scientist B (CS)**

Mr. Raja presented a paper on Innovative Information Services -Anywhere Anytime Access of e-Resources - INFED during 3<sup>rd</sup> Global Conference on Emerging Trends in Business Librarianship jointly organized by IIM Ahmedabad and Indian School of Business at IIM Ahmedabad during 21<sup>st</sup> to 22<sup>nd</sup> November, 2017. He was also invited to conduct sessions on "Introduction to Cloud Computing, Overview of VMs and Hands-on practice, Web Server Installation and Deployment, Launching Web Application on Cloud during Two days Workshop on Cloud Computing organized by University Computer Centre & Institute of Engineering and Technology, Dr. Bhim Rao Ambedkar University, Agra during 27<sup>th</sup> to 28<sup>th</sup> November 2017. He was invited to attend a

meeting of Expert Review Committee for Change Request at AICTE, New Delhi on 12<sup>th</sup> December, 2017.

#### **Ms. Suboohi Siddiqui, STO (LS)**

Ms. Suboohi was invited as Rapporteur during ADINET Librarians' Day seminar on Re-imagining Today's Librarianship at Adani Institute of Infrastructure, Ahmedabad on 12<sup>th</sup> August 2017. She was also invited to deliver a lecture on Urkund: a plagiarism detection tool at M S University of Baroda on 20<sup>th</sup> September, 2017.

#### **Mr. Dharmesh Shah, STA (CS)**

Mr. Dharmesh was invited to attend meeting of Core Working Group (CWG) for NAAC's revision of accreditation framework as well as provided technical guidance in creation of various module of National Assessment and Accreditation Council

(NAAC) online portal for IIQA (registration) and QIF (data capturing system) for SSR at National Assessment and Accreditation Council, Bangalore from 3<sup>rd</sup> to 15<sup>th</sup> July, 2017, 8<sup>th</sup> to 12<sup>th</sup> August, 2017 and 22<sup>nd</sup> August to 02<sup>nd</sup> September, 2017, respectively. He also attended meeting of DEB for designing/ developing the format for application and subsequent requirements at UGC, Delhi from 19<sup>th</sup> July, 2017 to 20<sup>th</sup> July, 2017. He also invited to boarding of all UGC schemes & discuss the process of sharing API with NSP portal at UGC, Delhi from 6<sup>th</sup> to 7<sup>th</sup> September, 2017. He was invited to attend meeting of NIRF and discussion on e-NBA Accreditation Workflow System at National Board of Accreditation, New Delhi on 12<sup>th</sup> October, 2017.

## Users' Speak

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### **On Shodhganga**

"I find your institution doing a great service to the scholar-community" by Subrahmanian.V, Research Scholar.

# Spotlight

SUNDAY, NOVEMBER 26, 2017

## Silent volumes

**With a crunch of funds, resources and staff, a majority of public libraries in the country are in a state of despair. What's needed is an urgent action plan to make these knowledge hubs relevant**

BY THIA VERMA

**U**NDESIRABLE SILENCE, in one way or another, haunts every public library in India. The silence is not the absence of books, but the absence of a library as a place where you can sit and read. The public library has become a place of silence in a country where the literacy rate is over 74%. The public library has become a place of silence in a country where the literacy rate is over 74%. The public library has become a place of silence in a country where the literacy rate is over 74%.

This is one of the biggest public libraries in India, with over 37 lakh books. The library has over 37 lakh books, with over 37 lakh books. The library has over 37 lakh books, with over 37 lakh books. The library has over 37 lakh books, with over 37 lakh books. The library has over 37 lakh books, with over 37 lakh books.

But the state of public libraries in the country is working on the lines of the 1950s. The first edition of the National Public Library Guidelines, which set the benchmark for public libraries in the country, was published in 1950.

The main objective was to bring all public libraries in the country under one umbrella. The National Public Library Guidelines, which set the benchmark for public libraries in the country, was published in 1950.

### Woe! tale

A basic comparison of the number of libraries in India, Pakistan and Bangladesh shows a stark difference. India has a population of over 130 million, Pakistan has a population of over 200 million, and Bangladesh has a population of over 160 million.

Even as the IFLN looks at the way the country is trying to manage with books or resources to attract new members, it is also looking at the state of public libraries in India, where the situation is bleak.

The National Public Library Guidelines, which set the benchmark for public libraries in the country, was published in 1950. The National Public Library Guidelines, which set the benchmark for public libraries in the country, was published in 1950.

Libraries in India don't offer inviting spaces. Also, with time, the book collection in a library grows, which takes up visitors' space, as more shelves are required to accommodate the growing collection.



### FOOTNOTE



### Grants story



### Path ahead

Public libraries have been neglected for a long time now and any change would need substantial time and effort from all stakeholders — state, community, private sector and non-governmental organisations.

### A few positives

Even as the IFLN looks at the way the country is trying to manage with books or resources to attract new members, it is also looking at the state of public libraries in India, where the situation is bleak.

### INFLIBNET in Regional News

Though public libraries in India are a neglected lot, states such as Goa, Maharashtra, Karnataka and Tamil Nadu have reasonably well-equipped public libraries.

Take care of library functions. A huge number of libraries have vacancies.

Take up old books continuously and have an exhaustive list of e-resources, which members can access.



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## **Information and Library Network Centre**

(An Autonomous Inter-University Centre of UGC)

Infocity, Gandhinagar - 382007, Gujarat, INDIA

Email: [director@inflibnet.ac.in](mailto:director@inflibnet.ac.in)

<http://www.inflibnet.ac.in>

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