

# ICDL 2016: SMART FUTURE

## Knowledge Trends that will Change the World

13–16 December 2016 | IHC, New Delhi, India

CONFERENCE BULLETIN | DAY 2

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### KEYNOTE ADDRESS

#### IFLA PRESIDENT CAPTURES IMAGINATION OF DELEGATES WITH HER POWER-PACKED TALK

**Keynote Speaker:** Ms Donna Scheeder, IFLA President, USA  
**Chair:** Prof. S B Ghosh, Emeritus Prof. IGNOU, India

Ms Donna Scheeder, President-IFLA, covered several issues related to information and IFLA's guidelines to make information available freely. She suggested bridging the gaps to provide information in Indian perspective.

She further observed that librarians are skilled information professionals. She mentioned the trend reports brought out by IFLA which deal with how citizens can benefit from the information and knowledge and help in building a knowledge society. She elaborated about privacy and data protection in the global world. She talked about speech recognition, language translation/recognition tools, 3D printing technology, and how libraries can contribute towards removing barriers in access to information. She asserted the role of national and global information policies in which role of library associations is crucial.



### SPECIAL SESSION 2A

#### CONTENT, CONTEXT AND TECHNOLOGY: MONETIZING YOUR CONTENT THROUGH NEW MEANS

**Chair:** Mr N K Mehra, President of the Federation of Indian Publishers (FIP), President of Narosa Publishers, India  
**Co-Chair:** Mr Praveen K Chowdhury, DGM, DLF Ltd, India  
**Lead Speaker:** Mr Brandon Nordin, Senior Vice President, Sales, Marketing & Digital Strategy, ACS Publications, US  
**Panelists:** Mr Kailash Balani, Balani Infotech, India; Prof. Dhruv Nath, MDI, Gurgaon; Ms Garima Babbar, Adobe India; Dr Susmita Chakraborty, Associate Professor, Calcutta University

This session provided a platform for exploring opportunities by publishing industry, entrepreneurs, and online e-commerce platforms to look at issues dealing with monetized content in the digital space. The panel discussed the tools, requisite technology, and architecture needed to implement successful content monetization models.



### SPECIAL SESSION 2B

#### MASSIVE OPEN ONLINE COURSES

**Chair:** Prof. Dinesh K Gupta, Vardhaman Mahaveer Open University, Kota, India  
**Co-Chair:** Dr Dilara Begum, Associate Professor, East West University, Bangladesh  
**Lead Speakers:** Mr Frank Meng, PowerCreator Info & Tech Co. Ltd, China; Prof. Uma Kanjilal, IGNOU; Ms Barnali Roy Chowdhury, Assistant Prof, Netaji Subhas Open University, India  
**Panelists:** Prof. Andrew Thangaraj, IIT Madras; Prof. Anupam Basu, IIT Kharagpur; Prof. Deepak B Phatak, IIT Bombay; Prof. K Srinivas, ICT, National University of Education Training & Public Administration

Shortening the distance in education, Massive open online course (MOOC) offers free web-based distance learning programme. MOOC is at a very nascent stage with a view of having open access to digital education. One of the great initiatives in this direction is SWAYAM, which is a MOOCs platform by the Government of India. It is the one platform that would bind Indian higher education, both online and offline. Students across all universities in India will be able to earn credits on SWAYAM. The workshop on MOOCs gives a platform to participants to learn and gain more knowledge. This event will explore how MOOCs will revolutionize India's education system.

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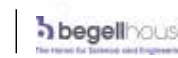
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# FREE FLOW OF ARGUMENTS—COUNTER ARGUMENTS ON DAY 2 FOCUSED ON PARTICIPATORY APPROACH ENGAGEMENT OF USERS AND TRANSFORMING LIBRARIES INTO HAPPENING AND SMART PLACES

## TECHNICAL SESSIONS 1A–1B–1C–1D

### DIGITAL LIBRARY DEVELOPMENT, ARCHITECTURE, MANAGEMENT

**Chair:** Dr H K Kaul, Director DELNET, India  
**Co-Chair:** Dr R N Malviya, Library Consultant, New Delhi  
**Speakers:** Dr Shalini R Urs, Executive Director & Prof, University of Mysore;  
Mr M Madhusudhan, Associate Prof, University of Delhi

### DIGITAL LITERACY: STANDARDS AND POLICY

**Chair:** Dr Jagdish Arora, Director, INFLIBNET, India  
**Co-Chair:** Mr Sanjay K Bihani, Library Information Officer, Ministry of External Affairs  
**Speakers:** Mr Dion Goh Hoe Lian, Associate Prof, Nanyang Technological University, Singapore; Mr Bablu Sutradhar, Librarian, IIT Kharagpur

### TRANSFORMATION TOWARDS SMART LIBRARIES

**Chair:** Ms Shubhangi Sharma, IPLM, NASSCOM, India  
**Co-Chair:** Ms Priya Rai, Librarian, National Law University, New Delhi  
**Speakers:** Dr Kristian Jensen, Head, Collections & Curation, British Library, UK; Dr Ramesh Gaur, University Librarian, Jawaharlal Nehru University (JNU)

### COLLABORATIVE KNOWLEDGE CREATION CROWDSOURCING

**Chair:** Prof. Kavi Mahesh, Prof. & Dean of Research, Director, KAnOE, PES University, India  
**Co-Chair:** Dr Praveen Babbar, Deputy Librarian, JNU  
**Speakers:** Prof. Atsuyuki Morishima, Research Center for Knowledge Communities, Graduate School of Library, Information, and Media Studies, University of Tsukuba, Japan; Dr Kalyan Bhattacharjee, Deputy Registrar, IIT Delhi



The intense talk by Prof. Shalini Urs emphasized on engaging users for collection management and building diverse content to access these widely. Referring

to current trends, she emphasized the need for transformation of libraries into a happening place. **Dr Madhusudhan** explored the possibility of speedy access, relevant content, portability, easy navigation, library app, content marketing, content distribution and engaging with users through Social Media. The papers presented focussed on the role played by digital marketing & digital products in helping the way for a print-to-digital switch. **Dr Jagdish Arora** spoke on E-PG Pathshala, MOOC, other open learning tools for digital literacy, and argued that e-content, would be available in open access through a dedicated Learning Management System as well as through

Sakshat Portal. **Dr Bablu Sutradhar** covered digital literacy programmes by various organizations, such as NCERT, NEUPA, INFLIBNET, NDL, etc. **Dr Dilara Begum** presented a paper on Digital Library Network of South Asia with special focus on free and open source software's (FOSS) Movement. **Dr Ramesh C Gaur** argued that libraries need to redefine their role and come forward as smart libraries with skilled library professionals which provides advanced library and Information service to users. **Dr Kristian Jensen** talked about 'Heritage Made Digital' programme which aims to make heritage digitally available. Some other programmes include Save a Sound and Enhancing our National Reach. **Prof. A Morishima** spoke about 'The Hondigi/L Crowd Joint Project: A Microtask-based Approach for Transcribing Japanese Texts' which is a nationwide digital library cloud sourcing in Japan. **Dr K Bhattacharjee** in his talk referred to crowdsourcing and compared the growth pattern in traditional environment to the modern social media environment. He discussed social media impact in removal of Hussani Mubarak, Egypt, and the recent unrest in Kashmir. **Dr Ganesh Natarajan** talked about Dimension of Digital India, Developing a Digital Country, Creating the Digital Culture while **Mr Mohit Taneja** talked about the strategy in the Digital Innovation Economy through three steps, i.e., Agrarian Economy, Industrial Economy, and Knowledge Economy.



## SPECIAL EVENT 3A

### DIGITIZATION OF INDIGENOUS KNOWLEDGE

**Chair:** Dr Sachchidanand Joshi, Member Secretary, Indira Gandhi National Center for the Arts, New Delhi  
**Co-Chair:** Prof. Pravakar Rath, Library and Information Science and Dean, School of Economics, Management and Information Science (SEMIS), Mizoram University, Aizawl  
**Panelists:** Mr Hadar Miller, Chief Information Officer, National Library of Israel, Jerusalem, Israel; Mr P R Goswami/Speaker from IGNCA - Director, Kalanidhi Division, IGNCA, India; Mr Klaus Alexander Pendl, First Counsellor-ICT, Trade and Economic Affairs, Delegation of the European Commission to India; Dr Kristian Jensen, Head; Collections & Curation, British Library, UK; Mr Jean-Marc Comment, Head of the Unit, Departement federal de l'Interieur, Federal Archives AF, Switzerland

**Mr Hadar Miller** explained about the collection of indigenous cultural heritage of National Library of Israel (NLI) and the recent project to digitize all text written in Hebrew all over the world. It has 18,195 manuscripts and is available to general public through the NLI. **Dr P R Goswami** talked briefly about IGNCA and its unique collection as well as the digital

archive project of IGNCA related to audio, visual, classical music, interviews, etc. He also discussed about the problems faced during the digitization process, such as creation of metadata, standard of metadata, rights, etc. **KA Pendl** spoke about the EUROPEANA, which is managed by European Foundation. It has a collection of 64 million audio-video. **J M Comment** spoke

about Eugene Cattin Photographs Archive—a collection of 3,095 photographs by a postman named Eugene, and Swissair Photograph Archive, photographs collected by Swiss Airline Company from 1910 to 2001 of which 43,648 photographs were digitized.

## SPECIAL EVENT 3B

### INNOVATION IN DIGITAL PUBLISHING

**Chair:** Mr Prasanto K Roy, VP & Head, NASSCOM Internet, Mobile & E-com. Council, India

**Co-Chair:** Mr Sudhir K Arora, Consultant, Campus of Open Learning, University of Delhi

**Lead Speaker:** Ms Anastasia Matskovich, Director, Begell House, Inc., USA

**Panelists:** Dr Ricardo Da Silva Torres, Associate Prof, Institute of Computing (IC), University of Campinas (UNICAMP), Brazil; Ms Mrinalini Sardar, User Experience Designer, Adobe India  
Mr Javed Ali, Adobe India

**M**r Prasanto K Roy said that India has over 1 billion mobile subscribers, of which 350 million internet users are only on mobile base. Virtual reality is the new paradigm for e-publishing. Mr Sudhir K Arora highlighted the key role of digital publishing in providing digital content to the user. Ms Anastasia Matskovich demonstrated about Begell house digital library products such as e-journal, e-book, references, and proceedings. Dr Ricardo Da Silva Torres mentioned about the digital publishing challenges and opportunities for handling multimedia data. Ms Mrinalini Sardar mentioned about the way content is changing in publishing. If there is no conversation, the content will die. Micro content is the future of the publishing industry. Mr Javed Ali shared his ideas about bringing together print and digital media through PDF format.

## TECHNICAL SESSION 2A

### PANEL DISCUSSION ON LIS EDUCATION AT THE CROSSROADS

**Chair:** Mr R Subramanyam, Addl Secy, MoHRD

**Co-Chair:** Ms Sangeeta Kaul, Network Manager, DELNET, India

**Panelists:** Prof. Gobinda Chowdhury, Northumbria University; Dr Shalini R Urs, Executive Director & Prof, University of Mysore, India; Prof. Paul Niewenhuysen, Prof., Vrije Universiteit Brussel, Belgium; Prof. Uma Kanjilal, LIC, IGNOU, India; Dr Dilara Begum, Associate Professor, East West University, Bangladesh

**G**obinda Chowdhury suggested an i-school-based structure for LIS education. To promote education research and development, all professionals should be connected. Uma Kanjilal reviewed SWOT analysis and suggested a revamp of the curriculum. Dr Shalini R Urs emphasized on promoting reading habits among LIS professionals to build curiosity and quest of knowledge. She insisted to privilege the scholarship education which will enhance the level of learning among LIS students.

Prof. Paul Niewenhuysen recommended ICT literacy and diversity in education curriculum for LIS education. Dr Dilara Begum explored the LIS schools and education system in Bangladesh and information literacy, skill development amongst LIS professionals.

## TECHNICAL SESSION 2B

### KNOWLEDGE MANAGEMENT MODELS AND APPLICATIONS

**Chair:** Dr S Majumder, Librarian, India International Center

**Co-Chair:** Mr Mayukh Roy Chowdhury, Knowledge Professional, KPMG, India

**Speakers:** Prof. Kavi Mahesh, PES University, Bangalore, India; Mr Kishore Ramdas Ingale, Head, Tata Consultancy Services (TCS), India

**D**r S Majumder spoke about knowledge management models and applications. Mr Kavi Mahesh's presentation was focussed on knowledge management tools and technologies. Mr Kishore Ramdas Ingale spoke about Big Data opportunities and its challenges.

## TECHNICAL SESSION 2C

### BIG DATA AND DATA VISUALIZATION

**Chair:** Dr Praveen Arora, Adviser & Head, NSTMIS Division, DST

**Co-Chair:** Mr N K Wadhwa, National Physical Laboratory, India

**Speakers:** Prof. Matthias L Hemmje, University of Hagen, Germany; Dr Usha Mujoo Munshi, Librarian, Indian Institute of Public Administration

**M**r Matthias L Hemmje spoke about Active Data Management Planning—opportunities and challenges. He gave an overview about Realizing an Applied

Gaming Ecosystem (RAGE) along with problems, challenges, goals, and various methodology uses for the Big Data Project.

Dr Usha Mujoo Munshi defined big data application and reuse of the data. She explained how to create, harmonize the structure and unstructured data for future dissemination and about the role of the librarians who are to be at par with the corporate world in policy decision making.



## TECHNICAL SESSION 2D

### DIGITAL LIBRARY CASE STUDIES AND BEST PRACTICES

**Chair:** Mr M Madhusudhan, Associate Prof, University of Delhi

**Co-Chair:** Dr Tariq Ashraf, Deputy Librarian, University of Delhi, India

**Speakers:** Ms Maria Gaede, Lecturer, Berlin School of LIS, Humboldt-Universität zu Berlin, Germany; Ms Nalini Mahajan, Director, Medical Library & Web Master, Marianjoy Rehabilitation Hospital, US

**D**r M Madhusudhan talked about the merits and demerits of the digital library and its implications.

Ms Nalini Mahajan talked about tremendous changes and technological advancements that are transforming the entire healthcare industry.

Mr Usman A Adam discussed about the public access computers (PACs) in academic libraries. He showed that access to the internet and library catalogue, etc., was the major purpose of the PACs.

# ICDL 2016 @ SOCIAL MEDIA



**Aanchal Mittal:** Information literacy is imp for a society, says Paul - Panel discussion on LIS education at the crossroads in progress #ICDL #smartfuture



**DEFIndia:** Culture and attitude are the most imp things for knowledge management says Shantanu Ganguly of @teriin at #ICDL



**Al-Amin Yusuph:** #Libraries espl #Digitallibraries are of great relevance in the road towards achieving the 17 #SDGs - @alyusuph @UNESCO at #ICDL @DEFIndia



**Ganesh Natarajan:** Wonderful speaking about @\_DigitalIndia at the TERI KM conclave today !



## EXHIBITIONS



## POSTER PRESENTATIONS



## WORKSHOPS ENGAGE DELEGATES

Six thematic workshops, delivered by renowned experts and specialists were a huge draw with delegates.

Innovation Management: Balancing Creativity with Discipline by Dr Gautam Shroff, Knowledge Management for Generations Y and Z by Mandar Bhagwat, Ontology-based Knowledge Management by Dr Kavi Mahesh, The Make or Break—What Makes Your Business, Businessworthy by Tania Chatterjee, Knowledge Management for Innovation by Anirban Chatterjee, Collaborative Knowledge Sharing and Crowdsourcing by Athar Ali, dwelt upon topics like knowledge management, strategic think tank, customer services, advocacy, re-use of intellectual capital, linkage of knowledge management and innovations, and knowledge sharing culture. The speakers emphasized on the knowledge innovation, social data, web access, web portals, designing support system, data mining, global people survey (GPS), and development of marketing and business communication effectively in order to provide an understanding of the static domain knowledge that facilitates knowledge retrieval, storage, and sharing and dissemination.

## CULTURAL PROGRAMME



## NATIONAL DIGITAL LIBRARY OF INDIA STEALS THE LIMELIGHT AT ICDL 2016\*

National Digital Library (NDL) of India, showcased at ICDL 2016 is a virtual teaching-learning evaluation –knowledge discovery and innovation platform which helps collaborative, personalized, self-paced, new-age multi-media education at all levels. It is a single window access to learners for e-contents working as an umbrella over existing digital repositories. It was concurred that NDL will be an enabler of learning by making learning resources accessible to all, will help students to prepare for entrance and competitive examinations, will enable people to learn from and adopt best practices from all over the and support the continual evolution of a new pedagogy of learning and new opportunities to leverage ICT in education.

\*Day 1

## IN CONVERSATION



**PROF. GOBINDA CHOWDHURY,**  
NORTHUMBRIA UNIVERSITY, UK

**Kindly tell us something about your experience at ICDL 2016?**

The experience is dynamic and cosmopolitan. Meeting people from all over the world is amazing. I have been coming to ICDL from the last 13 years and found that ICDL 2016 varied from the previous editions. The theme selection is a blend of academic and industry presence.

**Open access movement is losing its momentum. Your viewpoint on this.**

I do not think that open access movement is losing its momentum. In fact, it has been gearing up. Funding agencies in UK have made it mandatory to publish the funded research in open access journals.

**What is your message to LIS professionals in India?**

ICDL 2016 should be a wakeup call for all LIS professionals. It is the time for linked data, open data, and open access.



**PROF. DHRUV NATH**  
MDI GURGAON

**Kindly demystify Angel funding.**

Angel funders are group of investors who put their own savings into starts-up with the hope of sharing profits. They are shareholders in the company and are not listed at the stock market. Most of the time they lose their money, sometimes they average it out, and in very few cases they earn as well.

**If the start-ups lose money most of the time, how does the concept sustain itself?**

The concept will sustain over time as it is spare money and is driven by the spirit of entrepreneurship and doing something important and interesting in life.



**DR DINESH GUPTA**  
VMOU, KOTA

**How do you look at OER in India?**

I am a great advocate of OER. All academic content on web could be created with the output of OER. OER has bright future in India since India has large number of teachers and students.

**What is your message to ICDL?**

Digital library concept should be spread to lawyers, doctors, teachers, apart from the library professionals.