ICDL2016: SMART FUTURE
Knowledge Trends that will Change the World
13–16 December 2016 | IHC, New Delhi, India

teri

INAUGURAL SESSION

THE GLOBAL SIGN POST OF DIGITAL LIBRARY MOVEMENT, ICDL 2016, LAUNCHED IN A GLITTERING CEREMONY

Ms Donna Scheeder, IFLA President-USA
Dr Ajay Mathur, Director-General, TERI
Mr Prabir Sengupta, Distinguished Fellow & Director, Knowledge Management Division, TERI
Dr P K Bhattacharya, Fellow & Area Convenor, Knowledge Management Division, TERI

The highly awaited global event, ICDL 2016, had a stylish take-off in a glittering but serene inaugural ceremony, presided over by global icon and IFLA president, Ms Scheeder. Witnessed by a large library fraternity from across the globe, the inaugural ceremony had a promising beginning where Ms Scheeder touched upon some critical issues in digital arena and its impact on the modern society permeating every sector of human life. She emphasized on the need for reducing the digital divide in developing and developed societies so that fruit of digitization may reach all. She described as to how IFLA launched the IFLA Trend Report some time back and identified five key trends in society that are having major impacts on the libraries and access to information and knowledge. She further observed that in order to understand what is happening in the knowledge sector of economy we must understand the overall societal trends that are driving these changes. Ms Scheeder further stated that libraries, especially digital libraries, are truly at the heart of knowledge societies; they enable people to accomplish their goals. She cautioned that though trends represent change, it is better for an organization to lead its own changes rather than have changes imposed upon them by others as technology is disrupting all kinds of economic and social sectors.

Dr Mathur shared the importance of e-resources, digital library, and their need for a modern society. He also emphasized on seamless accessibility and openness of the digital material.

Mr Sengupta in his speech explored the different services provided by the TERI Knowledge Management Division and their value in research being conducted at TERI. It was concurred that during the past few decades the ICT application has changed life of the people in every sense, made people even smarter in handling situations, data, and taking decisions. Smart future is about understanding, visualizing, and exploring the possible scenarios of the future today, to be able to better prepare ourselves. This will help us to design the future based on set goals. Better preparations for the future enables us to alter the direction of an entire marketplace, field, or to prepare industry or prepare for the outcome.

Dr Bhattacharya presented an overview of the programme stating its twin objectives as innovation in digital knowledge driven services and solutions and bringing digital divide and improve the lives of people in the developing world. Dr Bhattacharya thanked large number of institutions, organizations, and individuals for their support in the run-up to the ICDL 2016.

ORGANIZER AND SPONSORS

Organizer

teri — MINISTRY OF ELECTRONICS & INFORMATION TECHNOLOGY, Government of India

Partners

National e-Governance Plan | Digital India Power to Empower | ongc | Indian Public Library Movement

Associates

DEPARTMENT OF BIOTECHNOLOGY, Ministry of Science and Technology, Government of India | New Delhi Office | CESPA

Co-Associates

GOETHE INSTITUT MAX MUELLER BHAVAN | ISRAEL Spirit of Creativity | NEDO | BRITISH COUNCIL

Knowledge Partner

International Federation of Library Automations and Institutions

Knowledge Associates

ICT ACADEMY Innovate... Collaborate... Educate...

Digital Media Partner

DEF

Cultural Partner

Corporate Sponsors

Gold

ACS Chemistry for life | B Reliance Infotech Pvt. Ltd. | iGroup Infotech India Pvt. Ltd.

Silver

turnitin | SAGE Publishing | Ninestars we transform experiences

Workshop/Special Event Partners

begellhouse | PowerCreator

Workshop/Special Event Associate Partners

SpadeWorx

Webcast Partner

24 FRAMES DIGITAL

ICDL 2016: DELEGATES UNDERGO A LEARNING PROCESS IN EMERGING ICTs APPLICATIONS

FOUR TUTORIALS CONDUCTED BY THE RENOWNED SPECIALISTS AND EXPERTS ON THE FIRST DAY OF ICDL 2016

ICDL 2016 TUTORIAL 1

CREATION AND UTILIZATION OF OER FOR HIGHER EDUCATION

Prof. Vunnam Venkaiah
Former Vice-Chancelor, Jubilee Hills, Hyderabad, India

Mr R Thyagarajan
Head, Administration and Finance, Commonwealth Educational Media Centre for Asia (CEMCA), New Delhi

Dr Manas R Panigrahi
Programme Officer Education, CEMCA-COL, India

In the very first session of ICDL 2016, OER was declared to be the future of open learning through online resources by renowned professionals such as Dr Venkaiah, R Thyagarajan, and Dr Panigrahi, who are working in this area. They also said that the higher educational institutions should design and create content for public so that people can access and expand these further.

The session also focused on UNESCO's recommendations to Institutions about avoiding duplication of work/efforts/technologies. They also favoured making people aware about OER. Some important points were also highlighted during the session—value for money, value addition, and freedom to use and expand in context of online educational resources. Also, National knowledge commission has recognized the role of OER to upgrade the quality of education.

ICDL 2016 TUTORIAL 2

INFORMATION DISCOVERY USING SEARCH BY IMAGE

Prof. Paul Nieuwenhuysen
Vrije Universiteit Brussels, Belgium

The workshop investigated applicability and usefulness of image search and worldwide web. It demonstrated retrieval of semantically similar images, their copies, as well as modified versions. The workshop recommended information and media literacy in this area.

APPLICATION R-SOFTWARE IN BIG-DATA ANALYTICS

Dr Moonis Shakeel

Associate Professor, Jaypee Business School, NOIDA, India

If you want to perform statistical computing, data manipulation, graphical display, and other related actions, Dr Moonish demonstrated how R-software may be the right solution in one of tutorials of ICDL2016. R is an open-source programming language that is freely available on the worldwide web. It has package of 7K libraries in CRAN (Comprehensive R Archive Network). It contains its own statistical algorithms and could be linked to C, C++, FORTRAN, Java Script, and Python programming languages.

BIG DATA ANALYTICS ON VISUALIZE QUASI-STRUCTURED DATA AND SEMI-STRUCTURE DATA

Mr Shanmughavel Somu

Senior Manager (IT) – Training & Research, ICT Academy of Tamil Nadu (ICTACT), India

The tutorial showed how Hadoop may calculate return of investment and generate the stats. Also, for intensive data analysis, Hcatalog, HDFS, Microsoft Excel with ODBC drivers, and Apache Zeppelin may be used.
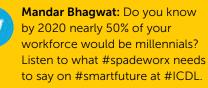
THE EXPANDING WINGS OF ICDL:

Around 232+ delegates participated from 26 countries including China, Belgium, United Kingdom, United States of America, Israel, and many more on the first day of ICDL 2016. The numbers are still counting.

ICDL 2016 @ SOCIAL MEDIA

Ravi Guria: In many countries Digital libraries play a crucial role in driving development #ICDL @ teriin @DEFindia

Mandar Bhagwat: Do you know by 2020 nearly 50% of your workforce would be millennials? Listen to what #spadeworx needs to say on #smartfuture at #ICDL.

Bibliotheek Pittem: 90% of all digital data has been created in the last 2 years. A big challenge in view of the SDG4 of UNESCO #icdl #winob

TERI - The Energy and Resources Institute

TERI - The Energy and Resources Institute
8 hrs ·

Ms Donna Scheeder, President, IFLA highlights the importance of #libraries in realizing a #SmartFuture at International Conference on Digital Libraries (ICDL) 2016

Join us for the #live #webcast bit.ly/ICDLlive

7.2K Views

Like   Comment   Share

ICDL 2016 ON THE SIDELINES . . .

INAUGURATION OF EXHIBITION

Dr Ajay Mathur, Director-General, TERI

Mr Prabir Sengupta, Distinguished Fellow & Director, Knowledge Management Division, TERI

Ms Donna Scheeder, IFLA President-USA

Prof. Michael Seadle, Professor, Humboldt University of Berlin, Germany and others

As an integral part of ICDL, an exhibition of products has been organized which was inaugurated by Ms Donna Scheeder, IFLA President, along with Dr Ajay Mathur, Shri Prabir Sengupta, and Prof. Michael Seadle in the presence of conference delegates.

Over 30 plus exhibitors are taking part in the ICDL 2016 exhibition. The exhibitors have displayed a range of their products and services in the form of e-journals, e-Books, library automation products and services, besides anti-plagiarism software—Turnitin and iThenticate. The RFID solutions, digitization, and database services, remote access solution, e-Library, etc., are the key areas of the exhibition.

M/S Balani Infotech has exhibited their products and services in 12 stalls. The overseas exhibitors include Royal Society of Chemistry (UK), Accucoms (The Netherlands), Begell House (UK), The Institute of Engineering and Technology (UK), and CABI (UK). National Digital Library of India, DELNET, and Digital Empowerment Foundation has also taken part. The exhibition was well attended by delegates with the intense interaction with the exhibitors.

ICDL 2016 FROM SIGNATURE BOARD

66 Search, explore, and engage. 99
Maria

66 Discover the future, discover knowledge, discover yourself. 99
John Akeroyd

66 The world is digital. 99
Seadle

66 Libraries are the key for a smart future for all people. 99
Donna Scheeder

66 Innovation, effort and experiences the recipe for success. 99
Brandon

IN CONVERSATION

MR ADAM KOSZARY
UNIVERSITY OF OXFORD

How you envisage the role of social media in libraries?

Library is all about information. Role of social media is humanizing the libraries and advocating. Using the social media libraries can publicize their curation, research, and resources to users. It can be used to advocate the libraries and its services.

How do you view ICDL as a concept?

I rate the conference very highly. ICDL 2016 is a wonderful opportunity to interact with professionals around the world.

MS NALINI MAHAJAN
DIRECTOR, MEDICAL LIBRARY AND WEB MASTER, WHEATON, USA

How do you envisage future of Digital Libraries?

In United States citizens can access information using mobile and other virtual technologies. Electronic medical network of various hospitals and libraries provide connections to different databases containing consumers' records. These databases empower the consumers in delivering the information, their illnesses history and its possible remedies in advance through two websites namely, http://www.informationconnection.org; http://www.dar24.org. Simultaneously, the information can be used by the medical professionals in the diagnosis. Technology empowers the patients to interact with doctors from clinics in emergent situations. Thus, the future of digital libraries is bright.

What is your message to the conference delegates?

ICDL is a wonderful place to share the expertise and network with people around the globe. A very good platform for learning from each other and applying the innovative ideas in libraries.

EXHIBITORS' CORNER

MR TUSHAR POPAT
RAPIDRADIO SOLUTIONS PVT. LTD.

What do you say about ICDL 2016?

I give ICDL 9 out of 10 and we are looking forward to interact with more and more people during the four days so that people can understand the RFID technology and its application in libraries.