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 Convener, 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.
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.

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.

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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.

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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 TUTORIAL 4

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:

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

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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.