While the world spirals digitally, the proverbial "Unity in Diversity" is hitting us hard in India as the digital divide runs deep in education in India with very large pool of learners falling completely out of the digital ambit. India is a diverse country with diverse requirements in education and has widely varying access to good quality learning materials. The number of learning institutions, schools and colleges as well as the number of students have been growing rapidly; but there are critical bottlenecks in infrastructure, qualified teachers, and quality of electronically available learning materials to cater to the different subjects, topics and language of instruction. It is, therefore, essential to have a vibrant "National Digital Library" (NDL) to create a strong backbone of unity among these diverse needs. This will help rapidly develop the country's knowledge power enabling it to cover gaps that exist in the wide range from literacy to advanced knowledge discovery and development of scientific knowledge.

With this objective IIT Kharagpur has started a national project to integrate the Institutional Digital Repositories (IDR) of different academic institutions of the country. The Project is supported by Ministry of Human Resource Development (MHRD) through its National Mission on Education through Information & Communication Technology (NME-ICT).

The National Digital Library of India will cater to the requirement of learning content for students of various categories and educational levels from primary to postgraduate, teachers, researchers, working professionals in general as well as special groups (like the legal and medical profession) and lifelong learners. It will be used to serve learning content of various types including developed e-content, e-books, e-journals, scanned books, research papers, thesis etc. NDL will provide free access to quality e-contents to learners at all levels and wherever possible to citizens at large. It will also provide online document delivery services of licensed e-resources across the country.

The repository will have various sections defined horizontally and vertically depending on user category, subject category, text, reference, books, journals, multi-media, question banks ,visualizations, and the like, the special verticals for various levels will include schools, sciences, arts, commerce, law, economics ,social sciences and medicine. A Web-scale Discovery Service will provide single window search of all e-resources, collected from different Institutions, Universities and different Digital Library Projects and all open access learning resources. Unicode-compliant multilingual environment will support for storing, processing and retrieving of indigenous digital contents with vernacular interfaces. To facilitate the integration of IDRs, an OAI-PMH compliant server for metadata harvesting will be designed and developed at national level. Harvested digital contents will be curated, indexed and backed up centrally for online access. On the way it may be required to make existing Digital Libraries at various institutions compliant to OAI/PMH.

NDL will facilitate the uploading of in-house resources produced in an Institute by the faculty members, staff, and students into the national repository and support cloud based solutions to institutional libraries for running their DL server in 24X7 mode. Infrastructural support to schools and colleges will help to access the learning materials from NDL, NDL will also support Collaborative Learning Management Tools and Technology to develop immersive learning platforms to study subjects ranging from school geography history and science to advanced technical topics in engineering, medicine, architecture and social sciences. Virtual e-learning, will, naturally, be the core of the remote access at national level.

A prototype of NDL has been launched in February 2016 (https://ndl.iitkgp.ac.in).

Host Institute-MNIT Jaipur

The college was established in 1963 with the name as Malaviya Regional Engineering College, Jaipur as a joint venture of the Government of India and the Government of Rajasthan, Subsequently; on June 26, 2002 the college has been given the status of National Institute of Technology and on 15 August 2007, proclaimed as an Institute of National Importance through Act of Parliament. The Institute is fully funded by Ministry of Human Resource Development (MHRD), Government of India. More than 12,000 students have already been graduated since its establishment. It has comprehensive facilities for teaching and research. Extending over an area of over 317 acres of lush greenery, the campus of the Institute is imaginatively laid-out with a picturesque landscape. It presents a spectacle of harmony in modern architecture, and natural beauty which enthrals and inspires.

The campus of the institute consisting of the institute buildings, halls of residence and staff colony, is a residential campus offering accommodation to faculty, staff and students.

About Library

The Central library is located in the Centre of the Institute, where visitors can approach easily. It is well equipped with new and modern furniture (make Godrej) including optimizers (stacks on tracks). The sitting area of the users is fully air conditioned. Each sitting area/ hall is having different reading cubicles for the users. The Central Library has been reintroduced with new name i.e. "LEARNING RESOURSE CENTRE (LRC)" in April, 2012. Library Database has been computerised through KOHA (Library Management Software) and books are issued through RFID System & SmartCard.

It has 15,847 Sq. feet plinth area in two floors (ground and first). The reading halls of LRC are air conditioned with glass partitions. The library has separate stack halls for books, periodicals (current and bound volumes), video cassettes, Reference Section and book bank. It has a rich collection of 1.5 lac Books and e- Resources(e-Journals and e-Books) accessible remotely.

Library is having LAN and Wi-fi connectivity for Internet based services, which is operable on 24X7 basis. The database & server of the library are maintained by the institutes COE department. Users are allowed to bring their own laptops.

The central library equipped with CCTV Surveillance System with 32 Cameras(including video recording) covering entire Library and Smoke Alarm system.

Objectives of the programme

- **To provide an awareness about the NDL (NME-ICTProject) to the participants of various Institutions and Colleges from all over India,**
- **To provide an advanced level hands on training for the development of IDRs in each institution,**
- **To contextualize the role of these participating institutions through development and maintenance of IDRs for implementation of NDL,**
- **To provide appropriate skill so that the e-contents of individual institutions can be harvested and indexed by the NDL server.**

Registration Fee

There is no registration fee for attending the workshop.

Travel and Accommodation

All participants are requested to meet travel expenses through their respective institutions or from their own funding. Subject to prior intimation, accommodation will be provided in MNIT Jaipur Campus on shared basis without any charge.

How to reach

By Road:

From National Highway 8: Which connects Jaipur to Delhi, Ajmer, Udaipur, Ahmedabad, Vadodara, Mumbai.

From National Highway 11: Which connects Agra-Jaipur-Bikaner

From National Highway 12: Which connects Jabalpur-Bhopal-Khilchipur-Aklera-Jhalawar-Kota-Bundi-Devli-Tonk-Jaipur.

*** One can reach Sindhi Camp Bus stand. From Sindhi camp which is 10 kms away from MNIT campus one can take bus no. 7 and 17. Prepaid taxis are also available from bus stand to the MNIT campus.**

Important Dates

Start of Registration: 20th April 2017

Last Date of Registration: 10th May 2017

(Though online registration is mandatory, the registration is confirmed only on receipt of duly filled & signed hard copy Registration Form)

For details, please visit: http://www.mnit.ac.in

Patrons

- Prof. Udaykumar R Yaragatti, Director, MNIT Jaipur
- Prof. Partha Pratim Chakrabarti, Director, IIT Kharagpur and PI of NDL Project.

Technical Committee

- Prof. P.P. Das, Department of Computer Science and Engineering, IIT Kharagpur and Joint. PI of NDL Project
- Dr. B. Sutradhar, Librarian, Central Library, IIT Kharagpur and CO-PI of NDL Project
- Dr. Sanjay Rajpal, Scientific Officer Computer Center, MNIT Jaipur.
- Mr. Samrat Guha Roy, Central Library, IIT Kharagpur.

Organising Committee

- Convenor: Prof. Ravindra Nagar, Dean, Academic Affairs, MNIT Jaipur.
- Co-Convenor: Dr. Mahesh Kumar Jat, Coordinator, Library, Department of Civil Engineering.
- Secretary : Mr. Deep Singh, Librarian, MNIT Jaipur.

Organising Committee Members

- Mr. Devendra Singh Rathore, Central Library, MNIT Jaipur.
- Ms. Harshita Baranwal, Central Library, MNIT Jaipur.
- Mr. Chattar Singh, Computer Center, MNIT Jaipur.
- Mr. Mr. Narendra Kumar Godara, Computer Center, MNIT Jaipur.

Venue

Prabha Bhawan

Malaviya National Institute of Technology

Jaipur, Rajasthan– 302017.

Communication Address

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Regional (West-III)Workshop On Institutional Digital Repository For National Digital Library of India Project.

May 12 -13 , 2017

Jointly Organized by

Central Library

Malaviya National Institute of Technology Jaipur

&

National Digital Library

(NME-ICT Project), IIT Kharagpur

National Digital Library:

Uniting the Digitally Diverse India