

Objectives of the programme

- ◆ To provide an awareness about the NDL (NME-ICT Project) to the participants of various Institutes of NCR and adjacent areas of West UP, Haryana, South Punjab, North-East Rajasthan. There should be 2 from each participating institute, 1 from Library side and 1 from IT side.
- ◆ 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. However only 80 participants will be registered on first-come-first-served basis.

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 JNU Campus Guest House/ Hostel on shared and payment basis.

How to reach

JNU is located in the southern part of New Delhi, Capital of India. and is well connected by road from the three main Railway Stations, i.e. New Delhi and Delhi and Nizamuddin railway station as well as the Inter-state Bus Terminus of Delhi. It is also a short distance away from the Indira Gandhi International Airport. In short JNU is easily accessible from anywhere in the world. The following directions may

help you in reaching JNU Campus, please visit <http://www.jnu.ac.in/JNUCampus/>.

Important Dates

Start of Registration: 25 th July, 2016

Last Date of Registration: 31st August 2016

(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://lib.jnu.ac.in/workshop>

Technical Committee

- ◆ Prof. P.P. Das, Department of Computer Science and Engineering, IIT Kharagpur and Joint. PI of NDL Project
- ◆ Prof. A. Basu, Department of Computer Science and Engineering, IIT Kharagpur and CO-PI of NDL Project
- ◆ Prof. S. Sarkar, Department of Computer Science and Engineering, IIT Kharagpur and CO-PI of NDL Project
- ◆ Prof. S. Chattopadhyay, Department of Architecture & Regional Planning, IIT Kharagpur and CO-PI of NDL Project
- ◆ Prof. P.K. Bhowmik, Center for Educational Technology, IIT Kharagpur and CO-PI of NDL Project
- ◆ Dr. B. Sutradhar, Librarian, Central Library, IIT Kharagpur and CO-PI of NDL Project
- ◆ Mr. N.G. Chattopadhyay, IIT Kharagpur CTO of NDL Project

Local Organising Committee

- ◆ Convener: Dr Ramesh C Gaur, University Librarian, JNU.
- ◆ Co-convener: Dr Parveen Babbar, Deputy Librarian, JNU

Venue

Central Library,

Jawaharlal Nehru University, New Mehrauli Road, New Delhi

A workshop cum training Programme on Institutional Digital Repository and Metadata Engineering (September 1-2, 2016)



Jointly Organized by
Central Library, JNU, New Delhi
and
National Digital Library
(NME--ICT Project), IIT Kharagpur

National Digital Library-Uniting the Digitally Diverse India

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 numbers 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 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-content 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 : JNU, New Delhi

JNU is the central university situated in New Delhi, the capital of India since 1970. It is one of the top universities in the country situated in the rugged terrain of the Aravali hill range, with the 1000-acre campus. Parts of it host dense forests, sustaining a birdwatcher's paradise and some forms of wild life. The university is known for leading faculties and research emphasis on liberal arts and applied sciences.

About Central Library

Jawaharlal Nehru University Campus, New Delhi is placed in the Nine Storey Library building surrounded by lush, glossy green trees on the natural landscape of Aravali Hills. It is the tallest tower of the Campus and has a carpet area of about one lakh sq. ft. The Central Library is knowledge hub of Jawaharlal Nehru University, established in 1969 and is the centre place for all the academic activities of the University. Central Library is a rich Knowledge Centre with resources mainly in Social Sciences, Humanities and Sciences. It provides comprehensive access to books, journals, reports, e-journal/online databases, e-books, electronic theses and dissertations to the JNU fraternity.