



DSpace

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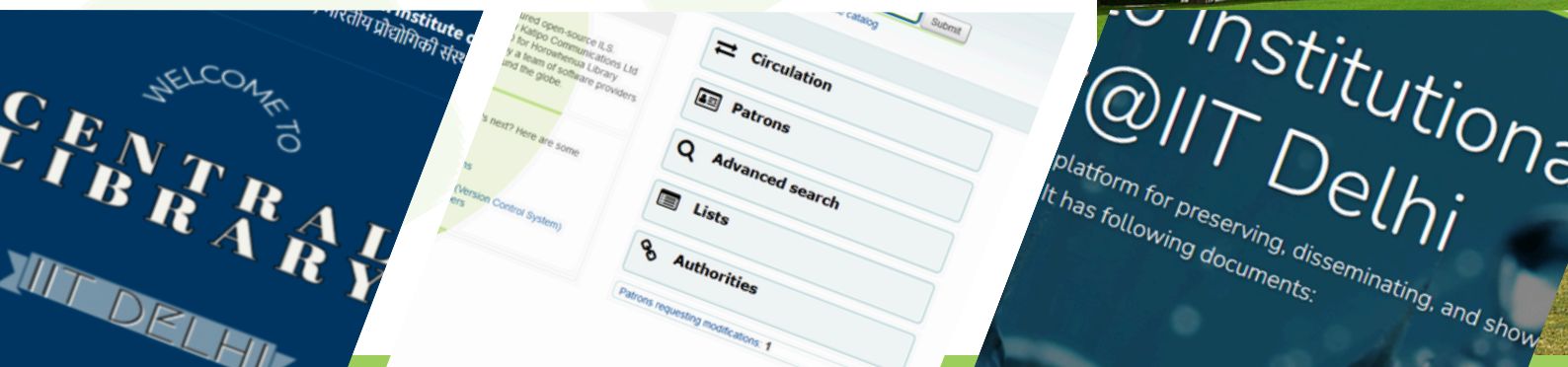
Lyrasis

# Summer School on Building Next Gen Digital Repositories (DSpace)

In Collaboration with  
DataCite & Lyrasis

Supported by ORCID GPF

(05th - 09th August 2024)



Central Library  
Indian Institute of Technology Delhi



Scan for  
Registration



## About IIT Delhi

Indian Institute of Technology Delhi is one of the 23 IITs created to be Centres of Excellence for training, research and development in science, engineering and technology in India. Established as College of Engineering in 1961, the Institute was later declared as an Institution of National Importance under the “Institutes of Technology (Amendment) Act, 1963” and was renamed as “Indian Institute of Technology Delhi”. IIT Delhi is situated in Hauz Khas in South Delhi, which is a landmark place in the colourful and chequered history of Delhi. Bounded by the Sri Aurobindo Marg on the east, the Jawaharlal Nehru University Complex on the west, the National Council of Educational Research and Training on the south, and the Outer Ring Road on the north, the Institute campus is flanked by Qutub Minar and the Hauz Khas monuments.

## About Central Library

The IIT Delhi Library System comprises a Central Library and about 35 departmental libraries collectively supporting the teaching, research, and extension programs of the Institute. The vision of the Central Library, Indian Institute of Technology Delhi is to become one of the pioneer Science & Engineering Libraries in the world in the field of information resources, services, and technology applications. The library subscribes to more than 73,000 current journals/conference proceedings. The library has a rich collection of books on science and technology including chemistry, mathematics, physics, chemical engineering, civil engineering, computer science, electrical and electronics engineering, textile engineering, and biochemical and biomedical engineering. Besides, Library also has a good collection in the areas of humanities and social sciences. The library is the early adapter of new and emerging technologies and services. It works on the vision to satisfy the requirements of the users using its collections and innovative services and become one of the leading libraries in the country in the field of resources, services, and technology.

## Objectives of the Summer School

This summer school offers intensive training for library professionals and Information scientists in digital repository management. Participants learn through hands-on experience and expert instructions. The summer school will cover the following topics:

- Institutional Repositories and Digital Libraries
- Different Operations of LAMP stack
- Overview of PostgreSQL, Node.js, Solr
- Metadata and Metadata Standards for Interoperability in IR
- Installation, Configuration, Customization of DSpace
- Institutional Repositories Workflow & Submissions
- Configuring user Authentication and Access Control
- Digital Preservation Strategies
- Open Archives Initiative Protocol for Metadata Harvesting
- System Administration Tasks Like: Backups, Export, Import
- Research Data Management (RDM) and Research Data Life Cycle
- Designing UI of Institutional Repository
- Unlocking Repositories through Persistent Identifiers (PIDs)

- DSpace-CRIS
- API and its Workflow, API Integration
- DSpace-ORCID Integration
- Case Studies

## Summer School Pedagogy

The summer school is designed to lay down a strong foundation for understanding the concepts and software. It caters to the current requirement of the professionals. The theoretical sessions will provide in-depth knowledge and insights into building the next generation all-purpose repositories using latest version (7&8) of open source software, DSpace. In addition to theory, we emphasize practical learning through hands-on sessions where participants can apply what they've learned in real-world scenarios. Each day, participants will be engaged in dynamic group activities that foster collaboration and teamwork. To make the experience even more engaging, we will conclude each day with an interactive tech quiz, offering participants the chance to test their knowledge and win exciting prizes.

## Who should attend

Academicians, Library Professionals, Information Scientists, System Analysts Educational Administrators, and Data Managers.

## Registration

Interested participants are encouraged to apply by filling out the application form available at the link provided below. Please ensure that your application is submitted on or before 14th July 2024. The shortlisted participants will be informed by 15th July, 2024. Seats are limited to 25 participants, so apply early to secure your chance to join the Summer School.

- **For Registration, [Click here](#) or visit the central library website.**

## Registration Fees

*The Summer School is free for all participants. However, participants have to arrange their own accommodation and lunch during the event. There are plenty of food outlets close to the venue. Tea, snacks, kits, and a certificate of participation will be provided.*

## How to Reach IIT Delhi

IIT Delhi is well connected to the major city centres by open and wide roads, the Institute campus is about 19 km away from the Old Delhi Railway Station, 14 km from the New Delhi Railway Station, 14 km from the Hazrat Nizamuddin Railway Station, 21 km from the Inter-State Bus Terminal (Kashmere Gate) and 10 km from Delhi Airport. Delhi Metro has two gates opening at the Institute Campus. IIT Delhi Metro Station is on the Magenta line (Terminal 1 of the IGI Airport is also on this line). Gate 3 is nearest to Academic Buildings/ Central Library/ Seminar Hall. Hauz Khas metro station is on yellow line which is about 1500 meters from Central Library, IIT Delhi.





## Certificate

Certificate will be provided only to those participants who attend all the sessions and achieve a satisfactory score on the assessment test at the end of the summer school.

## Resource Persons

Resource persons from DSpace community, DataCite, Lyrasis and IIT Delhi will be taking the sessions.

### International Resource Persons



**Michele Mennielli**  
Lyrasis



**Mohamad Mostafa**  
DataCite

## Important Dates

Last Date of Registration :	14th July, 2024
Summer School Dates :	05th - 09th August, 2024

## Summer School Coordinators

	<b>Nabi Hasan</b> Librarian & Head	
<b>Neeraj Kumar Chaurasia</b> Deputy Librarian	<b>Shankar B. Chavan</b> Deputy Librarian	<b>Vijay Kumar Verma</b> Assistant Librarian, SG
<b>Vanita Khanchandani</b> Assistant Librarian, SG	<b>Mohit Garg</b> Assistant Librarian, SS	<b>Manu T R</b> Assistant Librarian

## For further information please contact

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