



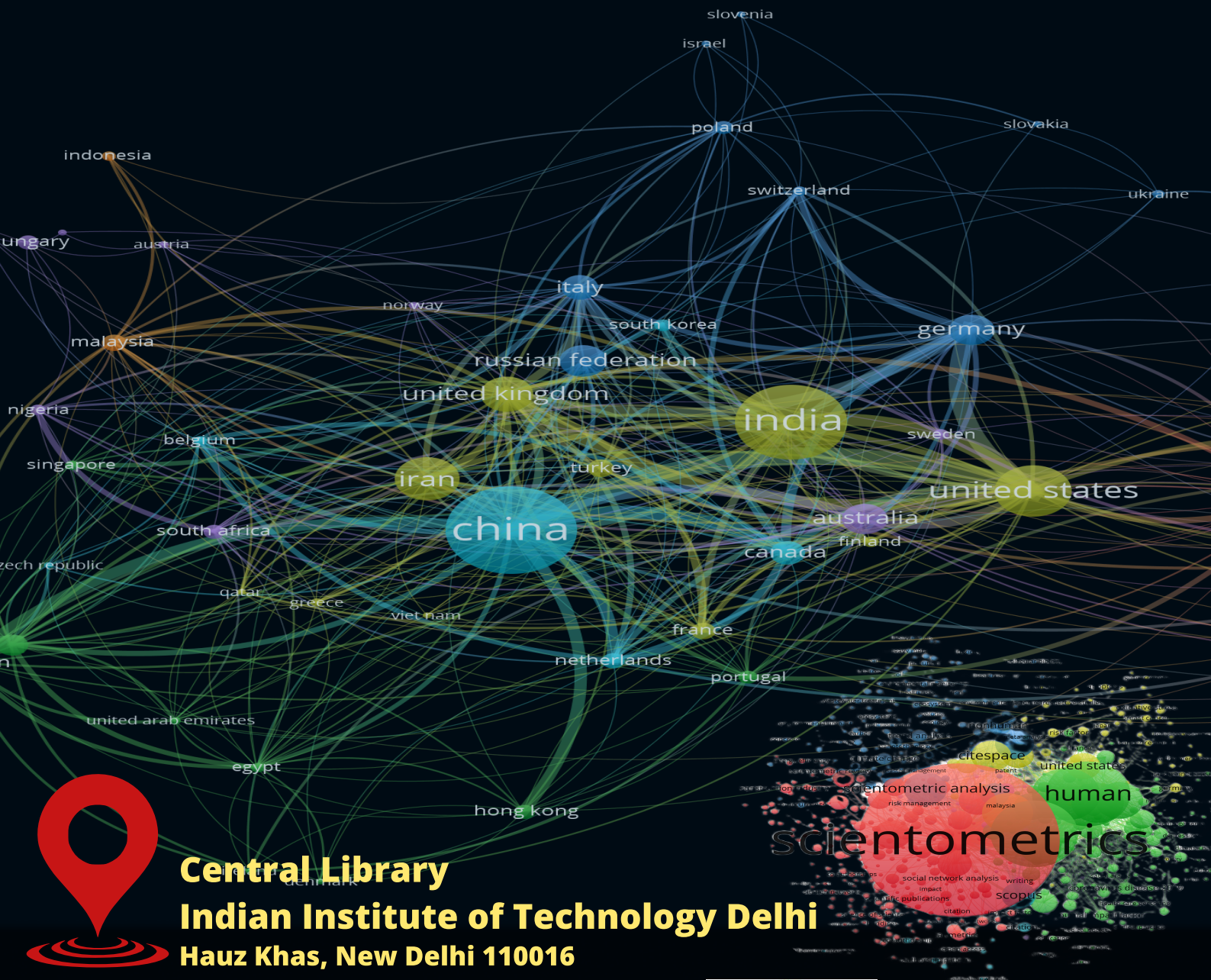
Central Library, Indian Institute of Technology Delhi
 केंद्रीय पुस्तकालय, भारतीय प्रौद्योगिकी संस्थान दिल्ली



One Week Workshop on

Mapping of Scholarly Output and its Impact using Open Source Software

Date: 22 to 26 May 2023



Central Library
Indian Institute of Technology Delhi
Hauz Khas, New Delhi 110016



About IIT Delhi

Indian Institute of Technology Delhi is one of the Twenty-Three 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 34 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 Programme

The main objectives of the workshop are to develop a comprehensive and systematic method for mapping scholarly output and its impact using Open Source Software and also to provide participants with a detailed understanding of bibliometric tools & techniques, bibliometric data sources, data processing, and performance metrics linked to bibliometric analysis using R, RStudio and other different visualisations tools.

The Following topics will be covered in the workshop:

- ↳ Evolution and Evaluation of Knowledge
- ↳ Laws of Scientometrics: Bradford's Law, Lotka's Law and Zipf's Law
- ↳ Research Metrics (Journal and Author Metrics): SJR, SNP, SNIP, CiteScore, h-index, Impact Factor, g-index, m-index, i10- index etc.
- ↳ Bibliographic Databases: Scopus, Web of Science, PubMed, Google Scholar etc.
- ↳ Data Collection, Pre-Processing, Transformation, Standardization etc.
- ↳ Installation of Software and Packages for Bibliometrics Analysis
- ↳ Basics of R and RStudio: Lists, DataFrame, Vector, etc.
- ↳ Network Analysis: Co-authorship, Co-occurrence, Co-citation, Bibliographic Coupling
- ↳ Text Analytics : Text Mining, Topic Modelling
- ↳ Data Visualisation: Heat-map, Wordcloud, Bubble Chart, Histogram, etc
- ↳ National and International Academic Ranking Systems (NIRF, QS, THE, Scimago Ranking etc.)
- ↳ Various Practical Case Studies

Who should attend

Academicians, Library Professionals, Information Scientists, Educational Administrators, Policy Makers, Research Enthusiasts, Research Scholars and Students can apply for this workshop.

Registration

The application for registration of the workshop should be submitted online to the Central Library, IIT Delhi, on or before 15th May, 2023. The number of Seats is limited to 25 participants on a first-come, first-served basis.

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

Workshop Fees

₹4500.00 + 18 % GST for Working Professionals (₹ 5310.00)

₹3500.00 + 18 % GST for PG/Research Scholars (₹ 4130.00)

The fees is non-refundable and non-adjustable, which include workshop kit, lunch & refreshments during the program. The payment should be made through NEFT/ RTGS to the bank account details given bellow.

Name of Account Holder: IRD ACCOUNT IITD

Account Number : 10773572600

Bank Name : STATE BANK OF INDIA

Branch Name : IIT BRANCH

IFSC Code : SBIN0001077

The registration fee does not include any accommodation. However, we can help in arranging the suitable accommodation on payment basis.

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 to only those participants, who will attend the workshop for the full five days and clear the assessment test at the end of the workshop.

Important Dates

Last Date of Registration : 15 May, 2023
Workshop Dates : 22-26 May, 2023

Workshop Coordinators

- ☞ Nabi Hasan (Librarian & Head)
- ☞ Neeraj Kumar Chaurasia (Deputy Librarian)
- ☞ Shankar B. Chavan (Assistant Librarian - SG)
- ☞ Vijay Kumar Verma (Assistant Librarian - SS)
- ☞ Vanita Khanchandani (Assistant Librarian - SS)
- ☞ Mohit Garg (Assistant Librarian)
- ☞ Manu T R (Assistant Librarian)

For Any Query, Contact:

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