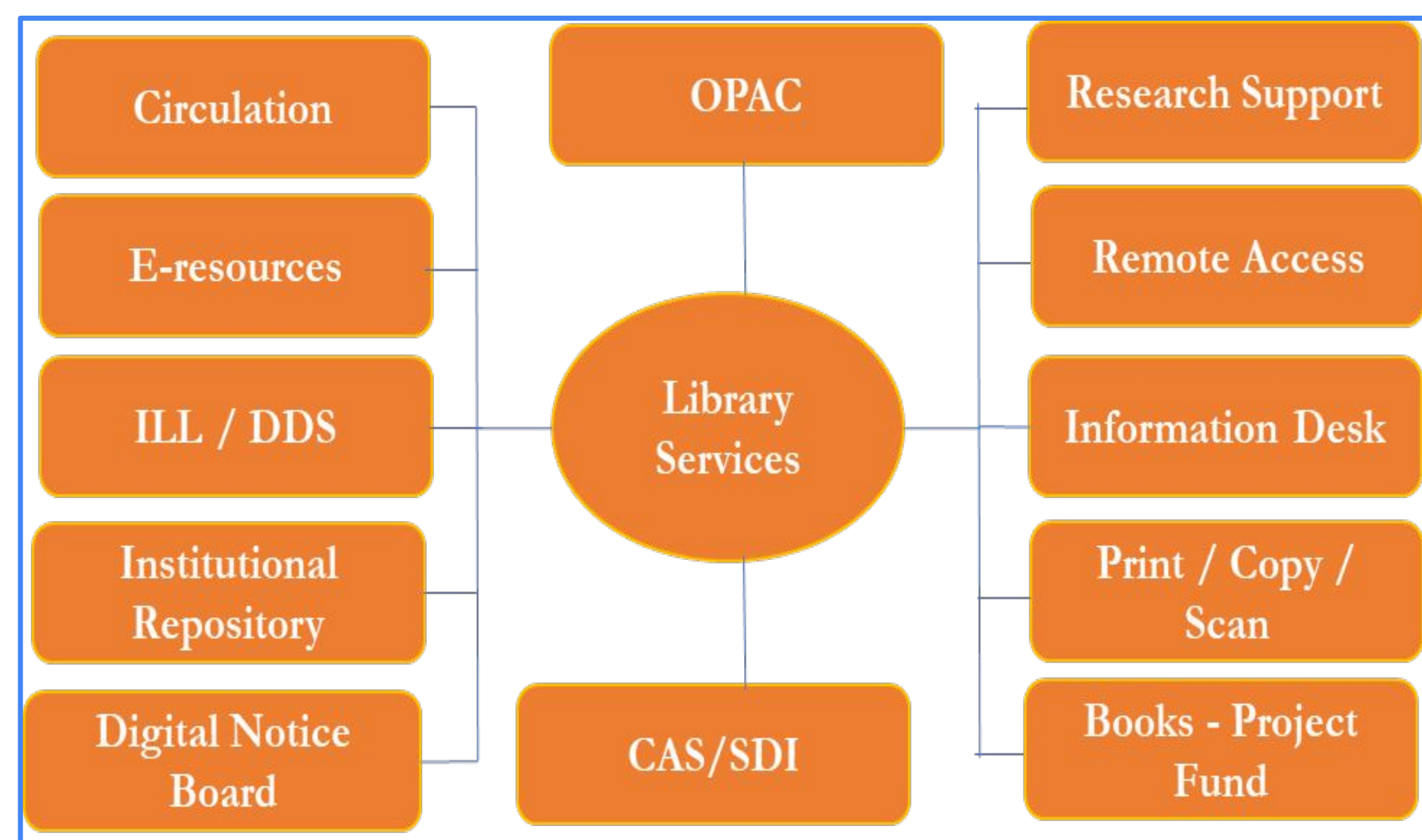
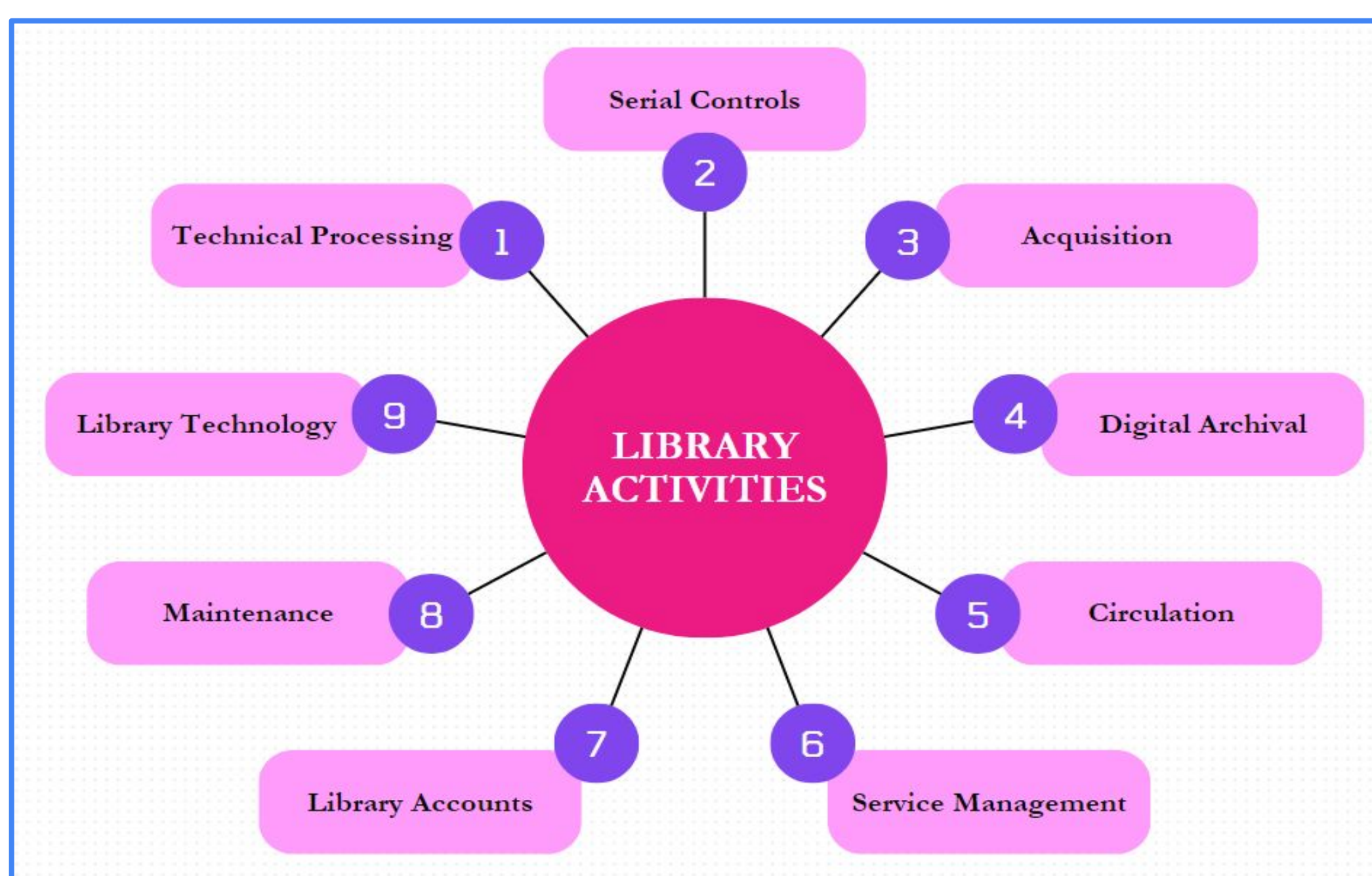


# Library & Information Services

## Library Services



## Library Activities



## PRL Library

The PRL Library is a veritable treasure trove of knowledge, boasting an exceptional collection of books, periodicals, and other materials from around the globe. Its resources cover a diverse range of fields, spread across three campuses—the Navrangpura Campus, Thaltej Campus, and USO Campus—the library serves as the backbone of the institute. It employs a multifaceted approach to managing print, digital, and audiovisual materials seamlessly.

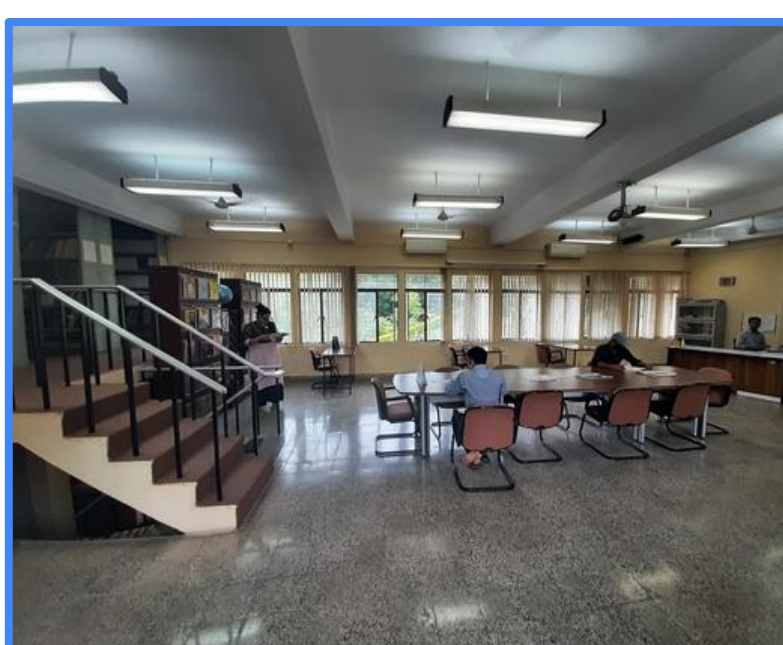
The library is crucial for building knowledge capacity and developing research skills at PRL, fulfilling user information needs, and supporting the institute's mission and vision.



The Library is situated in the Main Campus of PRL located in Navrangpura, Ahmedabad, Gujarat and provides access to material mainly related to the areas of Space and Atmospheric Science, Theoretical Physics, Geoscience, AMOPH and allied subjects.

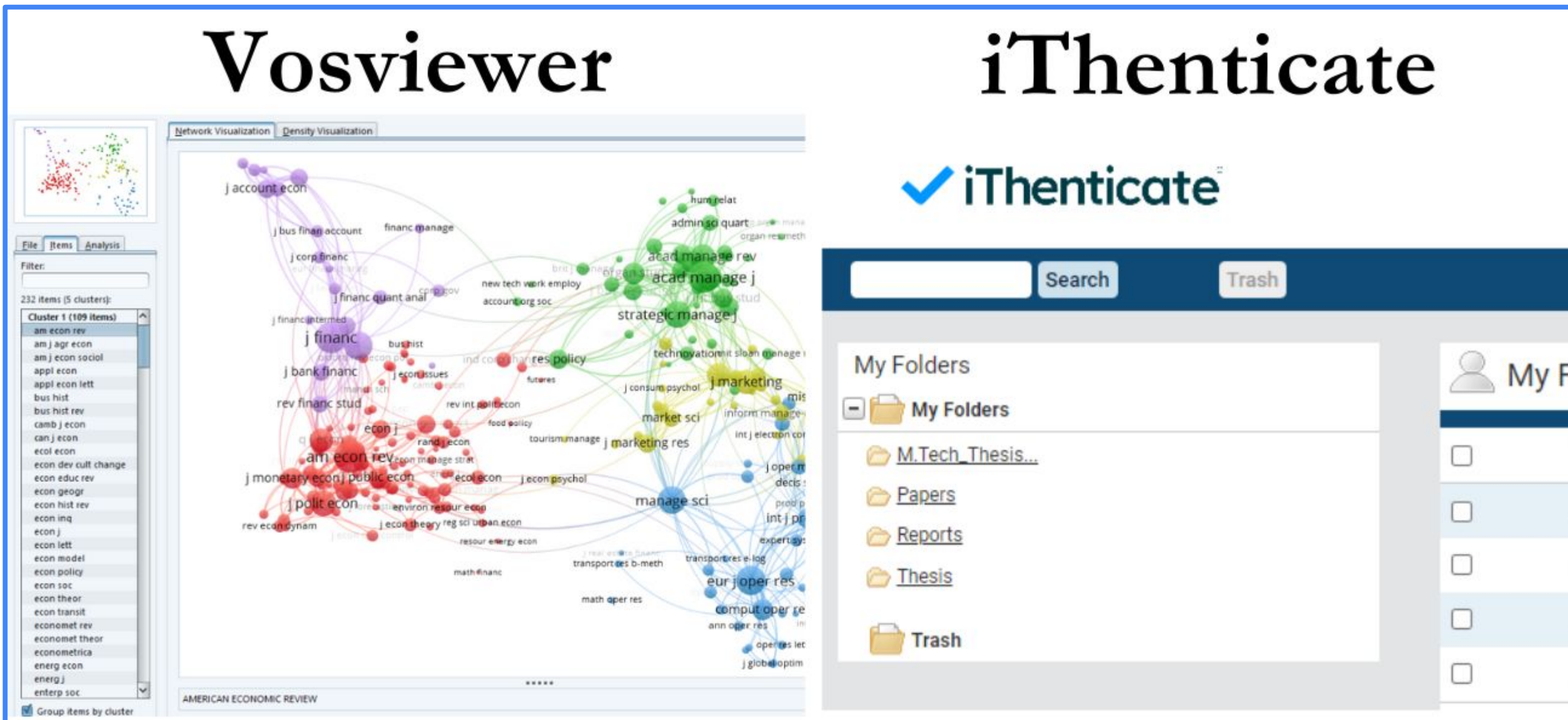


The Library is situated in the Thaltej Campus located on the Sindhu Bhavan Marg, Ahmedabad, Gujarat and provides access to material mainly related to the areas of Astronomy & Astrophysics, Planetary Science, AMOPH, Geosciences and allied subjects

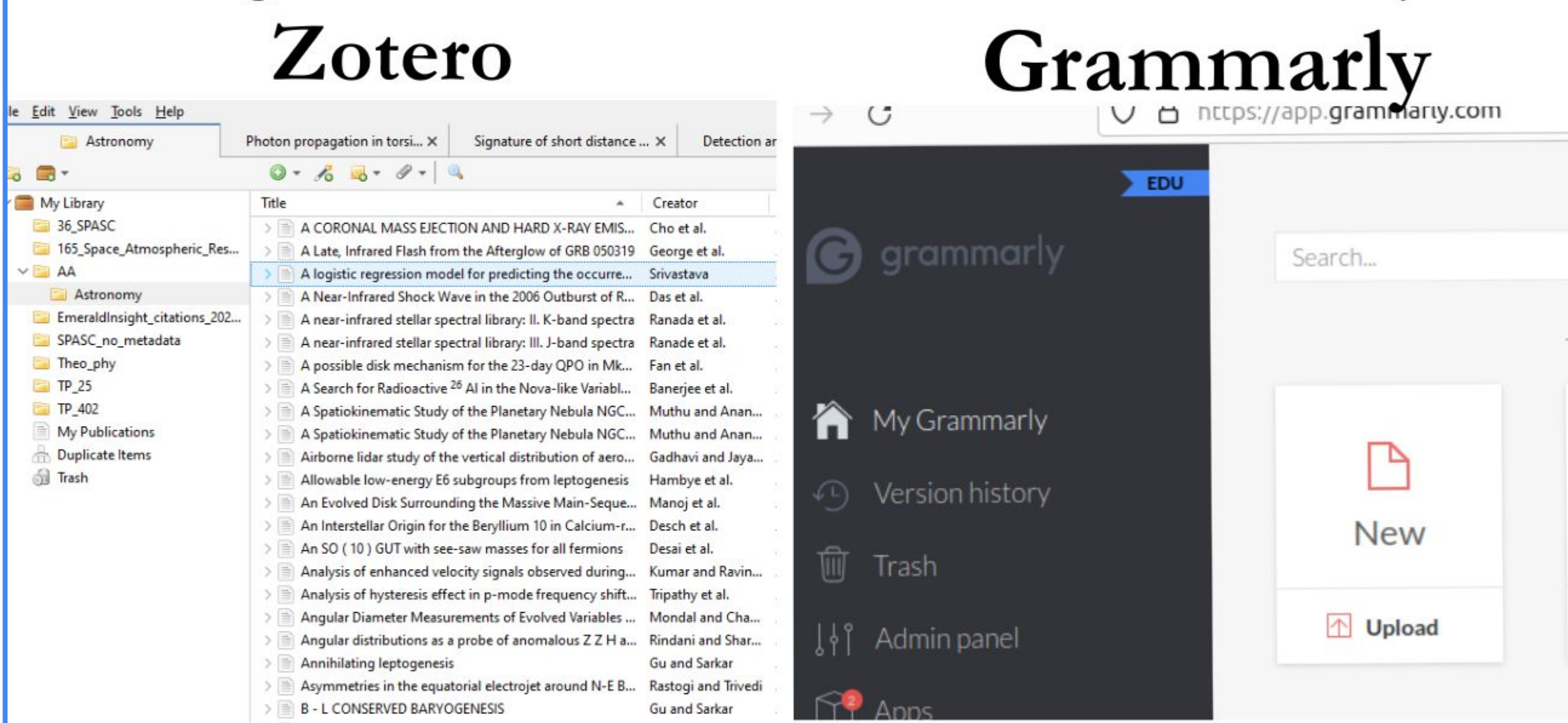


The Library is situated in the USO Campus located at Udaipur Solar Observatory, Udaipur Rajasthan and provide access to material mainly related to the areas of Solar Physics.

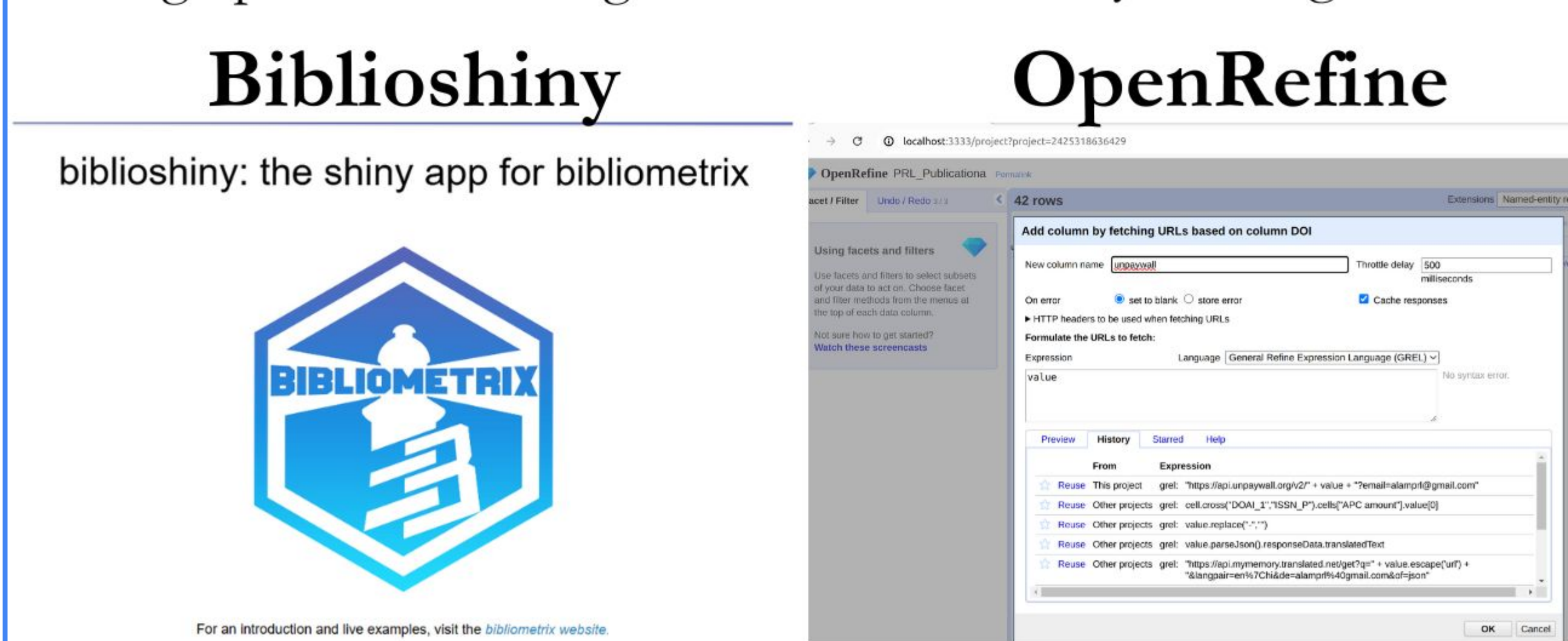
## Research Support Tools



Visualizing bibliometric networks. iThenticate for similarity checks

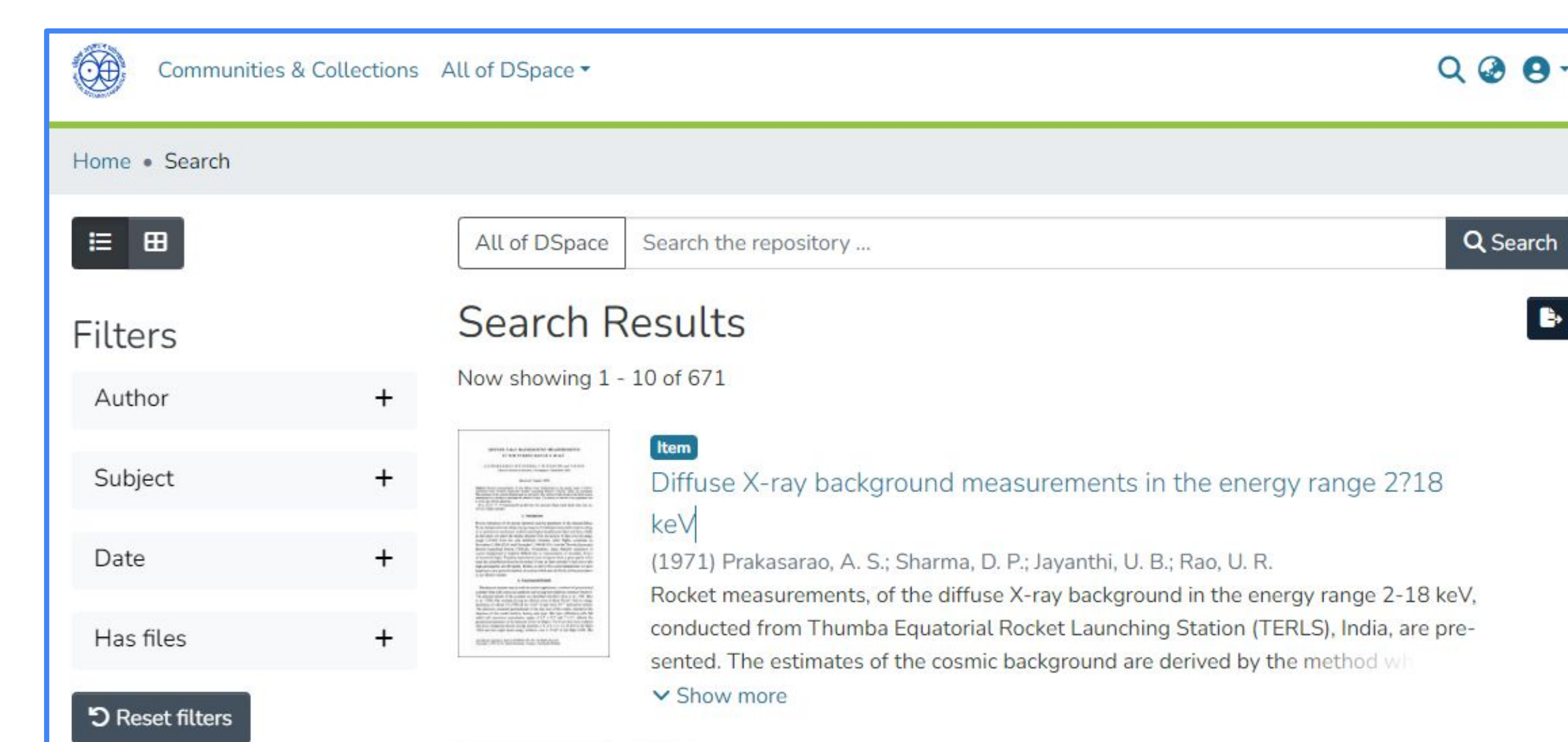


Bibliographic Data Management For Scholarly Writing Assistance

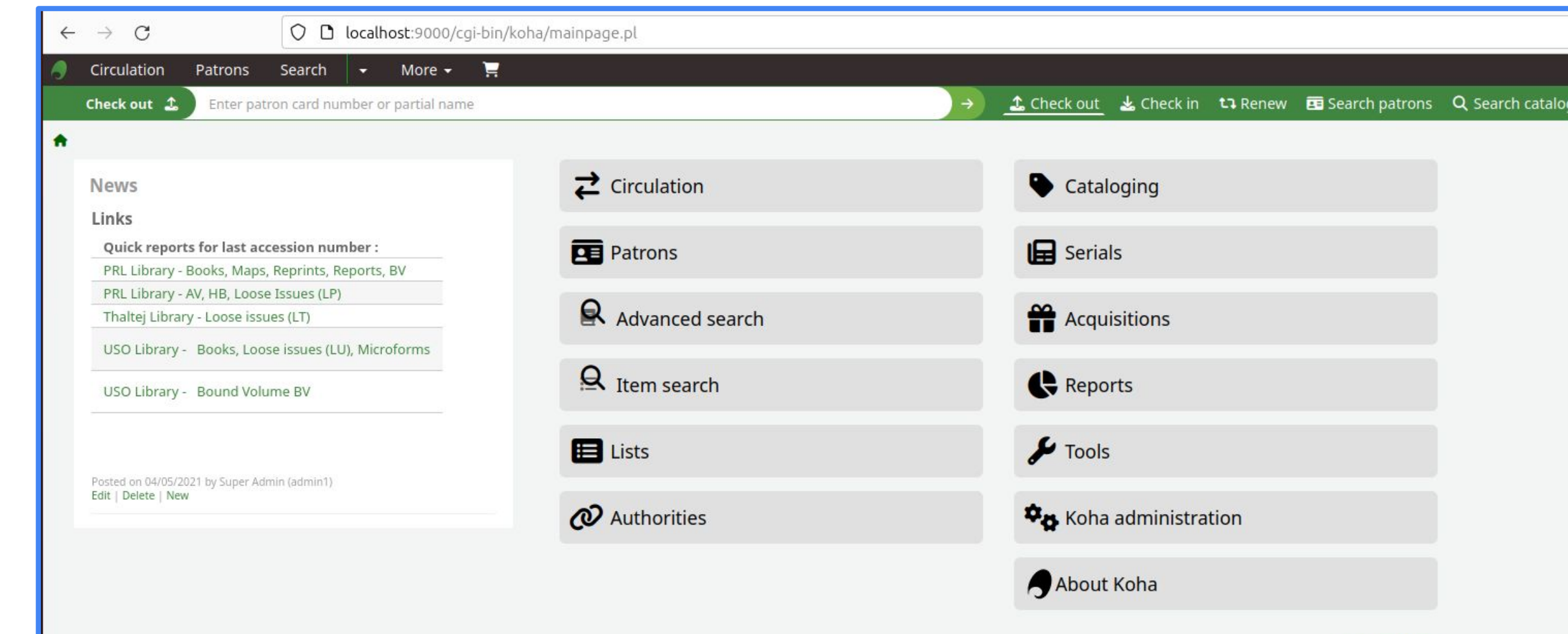


For computing & data visualization Data Wrangling Tool

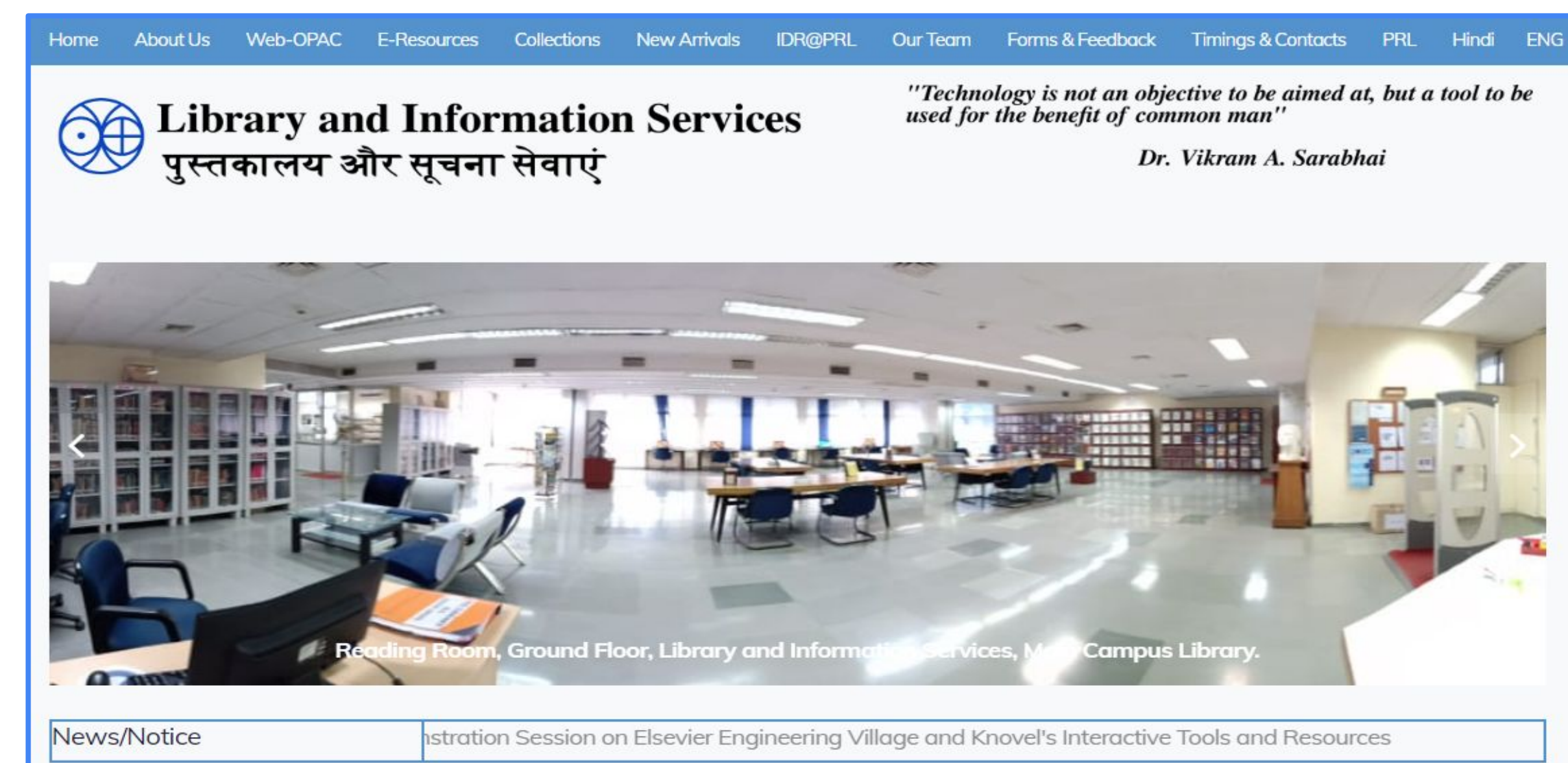
## Library Technology



Search interface of Archival System - a digital platform designed and developed using DSpace 7.5 - open source archival software



Staff interface of Koha 23.11 - Integrated Library Management Software



Library website has been designed using HTML and CSS to act as a "Mirror" of a library.

## Library Collections

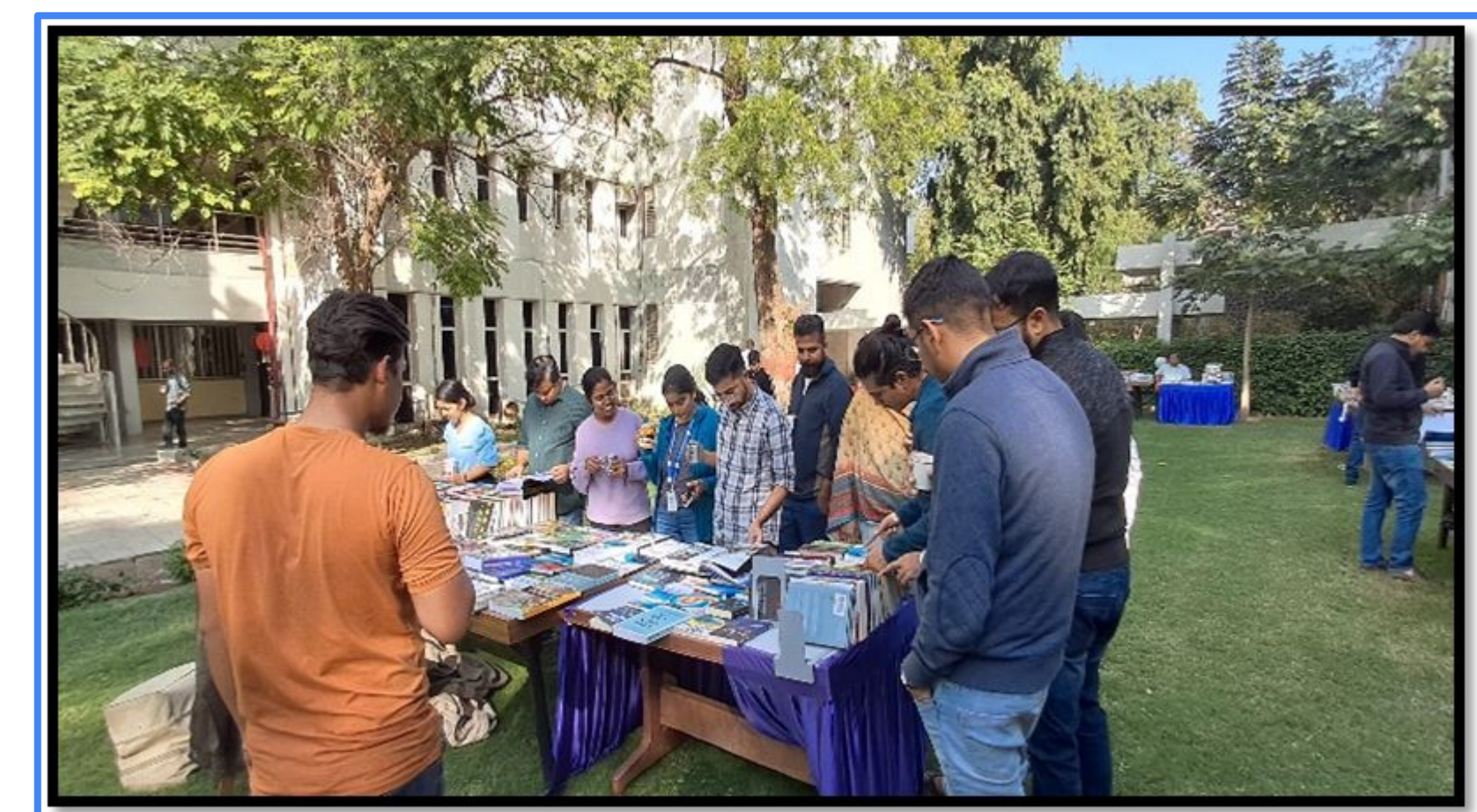
The Library collections in all the PRL campuses' consists of books, periodicals, and e-resources, to fulfil the information needs of PRL users for their scholarly pursuits

Document Category	Main and Thaltej Campus Library	USO Campus Library
Books	22788	2753
Journals	68	8
Bound Journals	35578	1762
Reports	370	19
Theses	515	-
Hindi Books	3062	-
Restricted Maps	277	-
A-V Materials	1641	525

## Library Outreach

Library outreach program consists of book exhibitions, orientation programmes, Seminars etc.

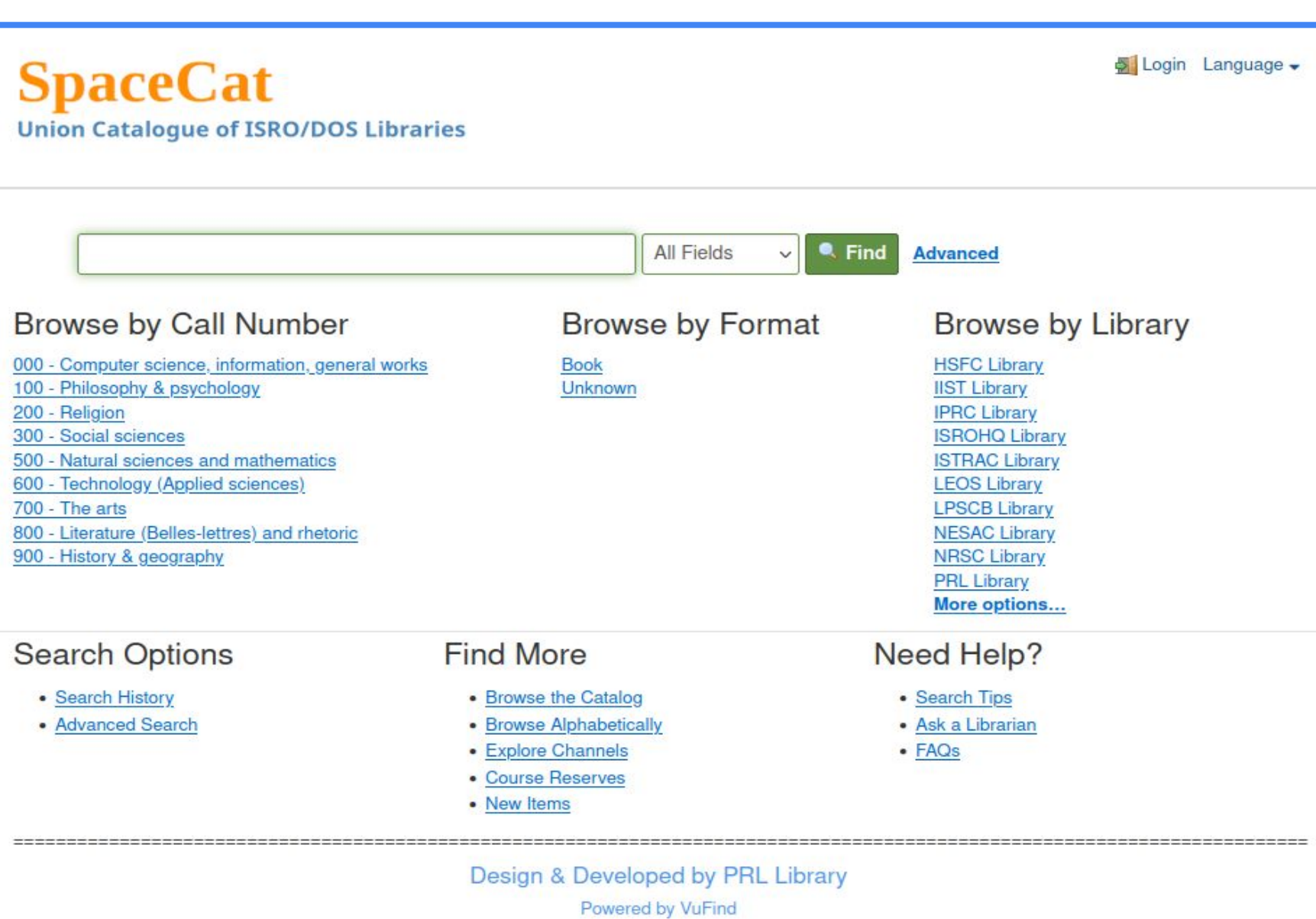
The Library organized a book exhibition on the 4<sup>th</sup>-5<sup>th</sup> of January, 2024 at Navrangpura Campus.



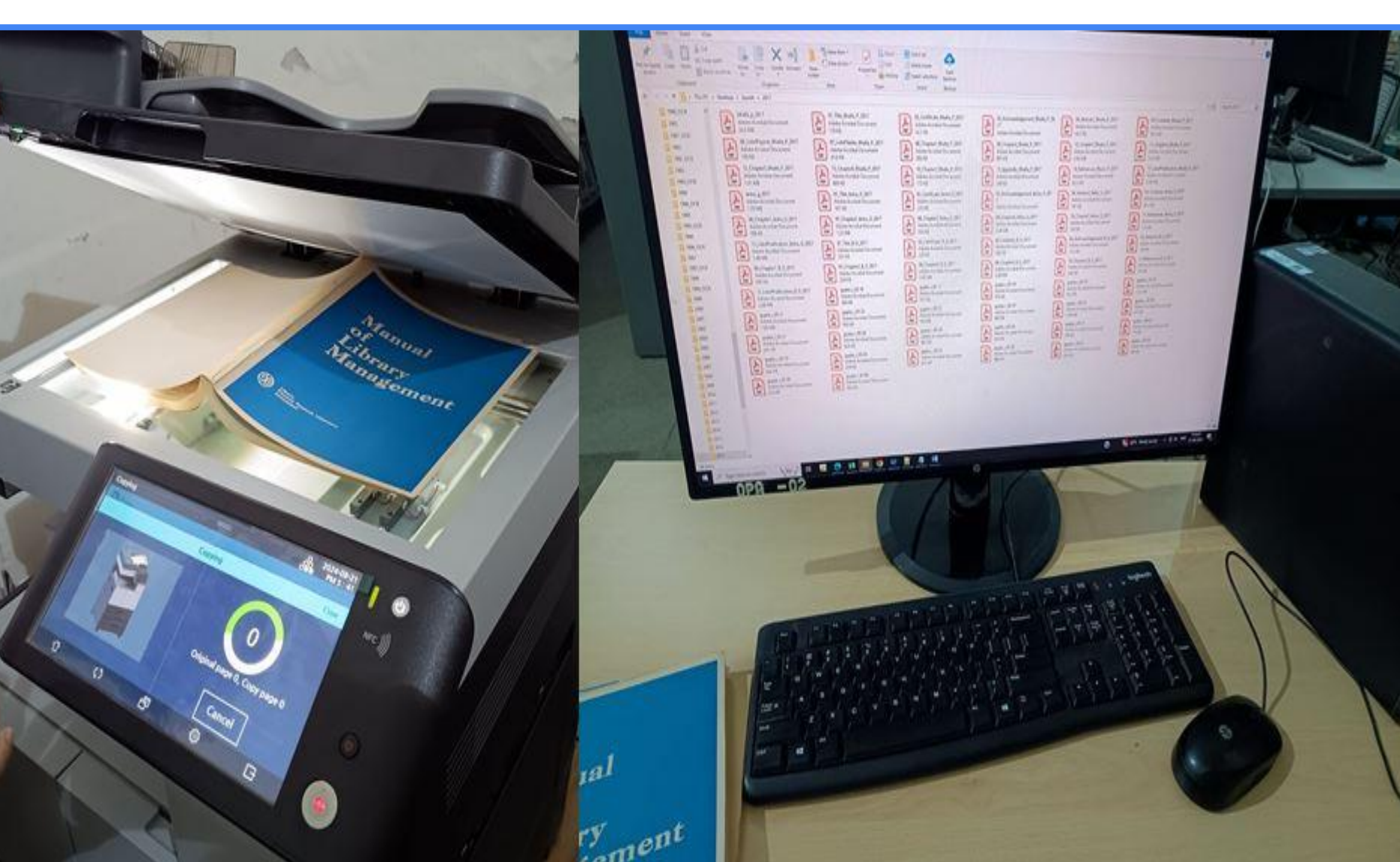
The Library organized a book exhibition as a part of the AKAM activity at the Old Building Foyer, Thaltej Campus, on 26-27 January 2023.

A digital archival system designed and developed using DSpace. It serves as a single window archiving facility of all the PRL scholarly works.

LibChatBots@PRL : This is a Prototype Chatbot for the PRL Library design and developed Using Open-Source Retrieval Augmented Generation (RAG) tool and LLM software



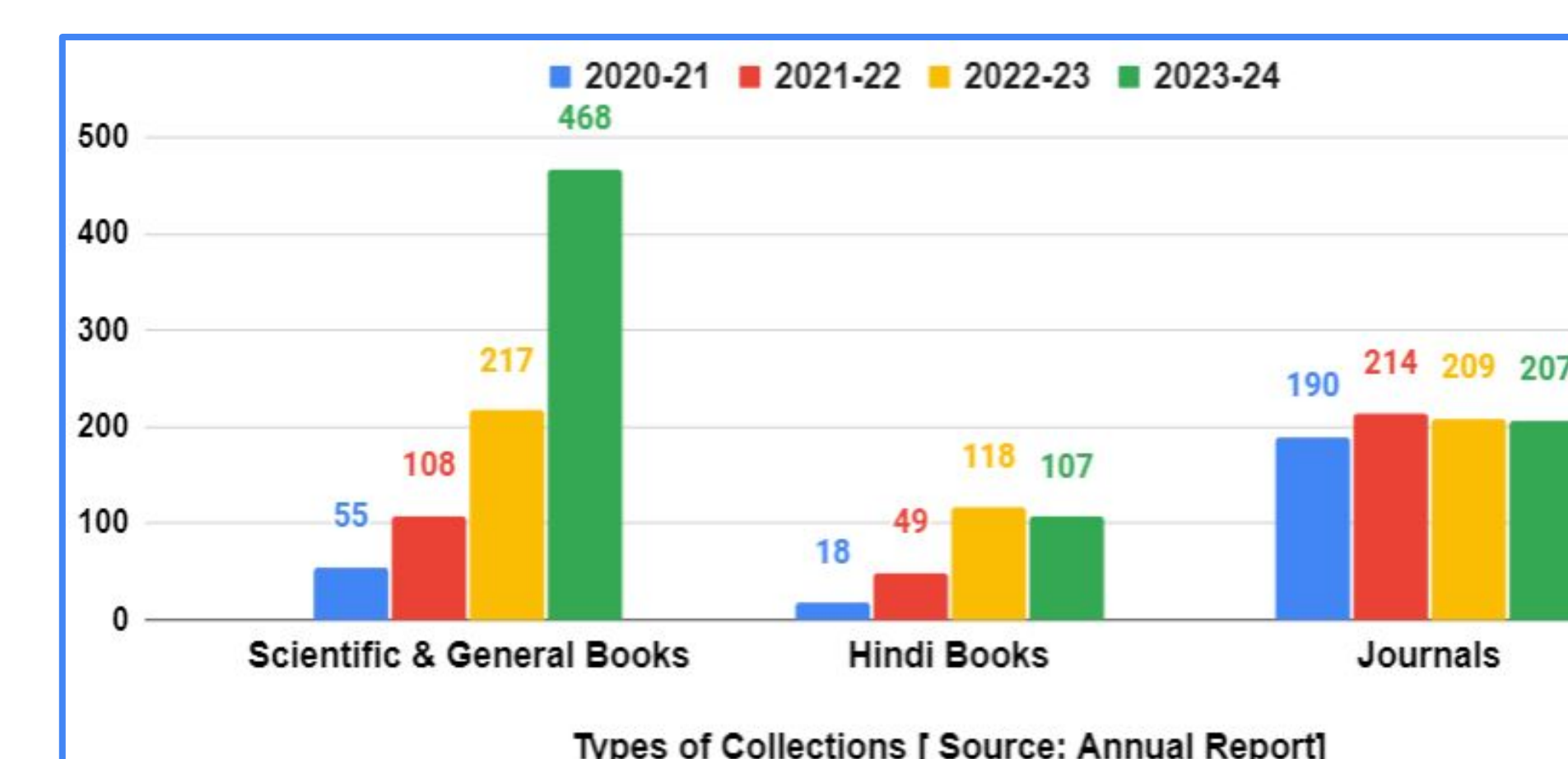
Digitization facility will employ state-of-the-art digitization techniques to ensure accuracy, consistency, and create high-quality digital surrogates of manuscripts, photographs, etc. It includes metadata creation, OCR, cleaning, and uploading of scanned documents into DSpace to enhance their accessibility, ensure long-term preservation, and facilitate research, and education.



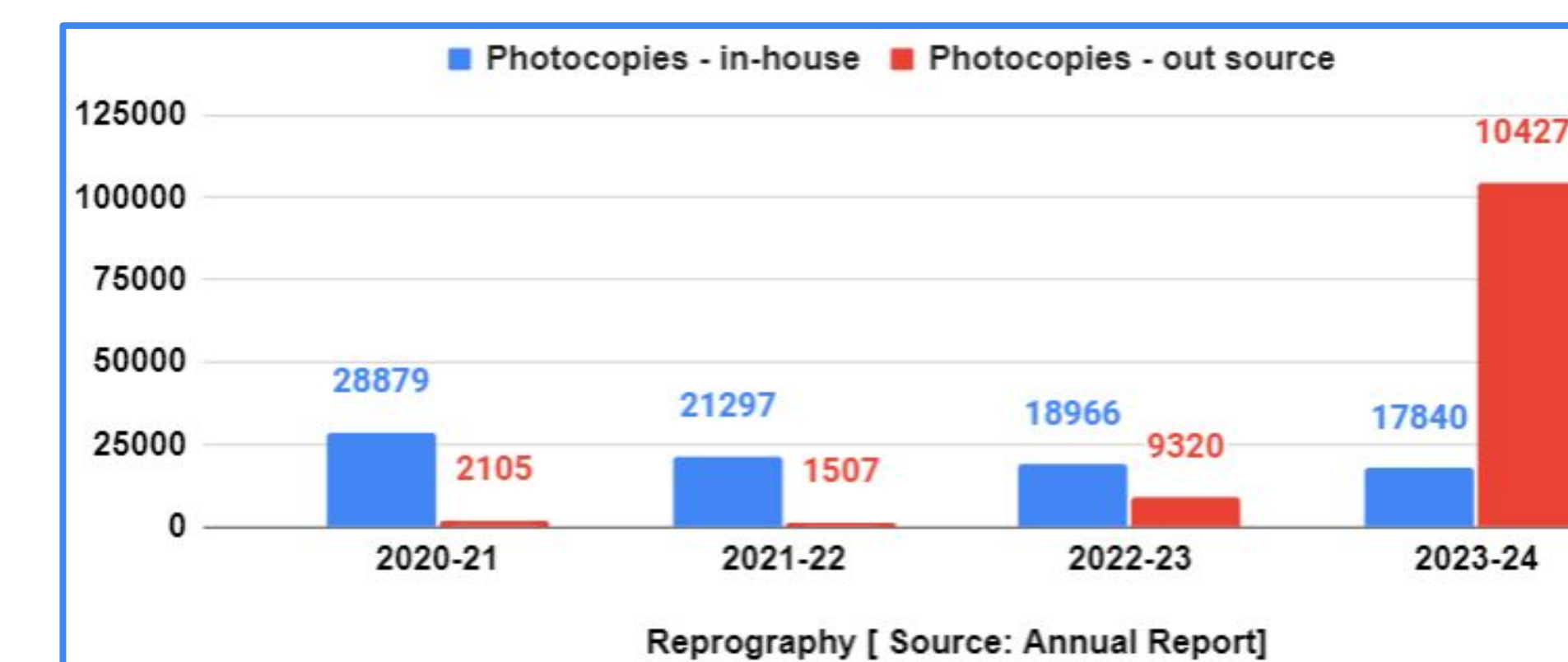
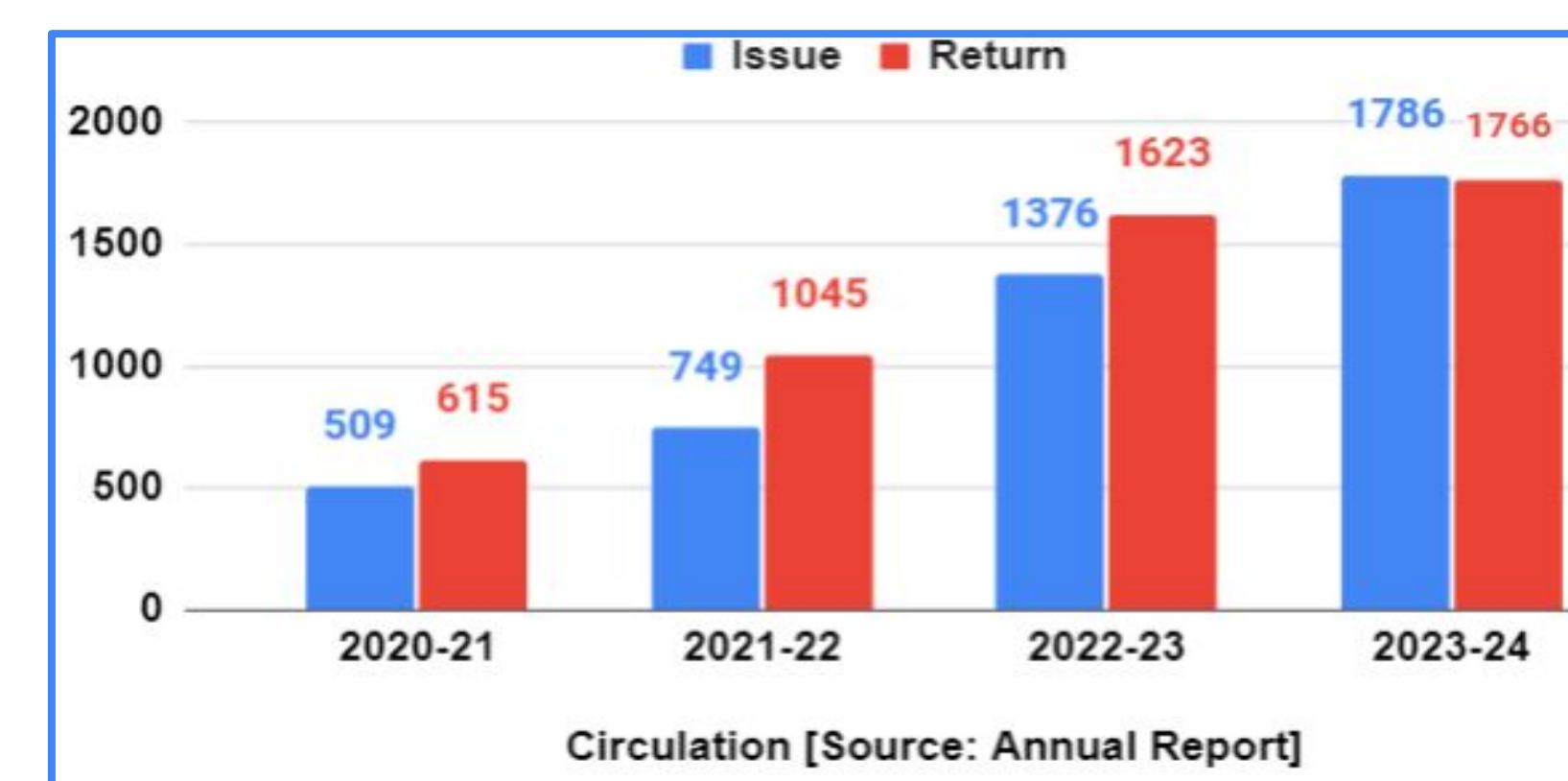
Libraries were full of ideas – perhaps the most dangerous and powerful of all weapons.

– Sarah J. Maas

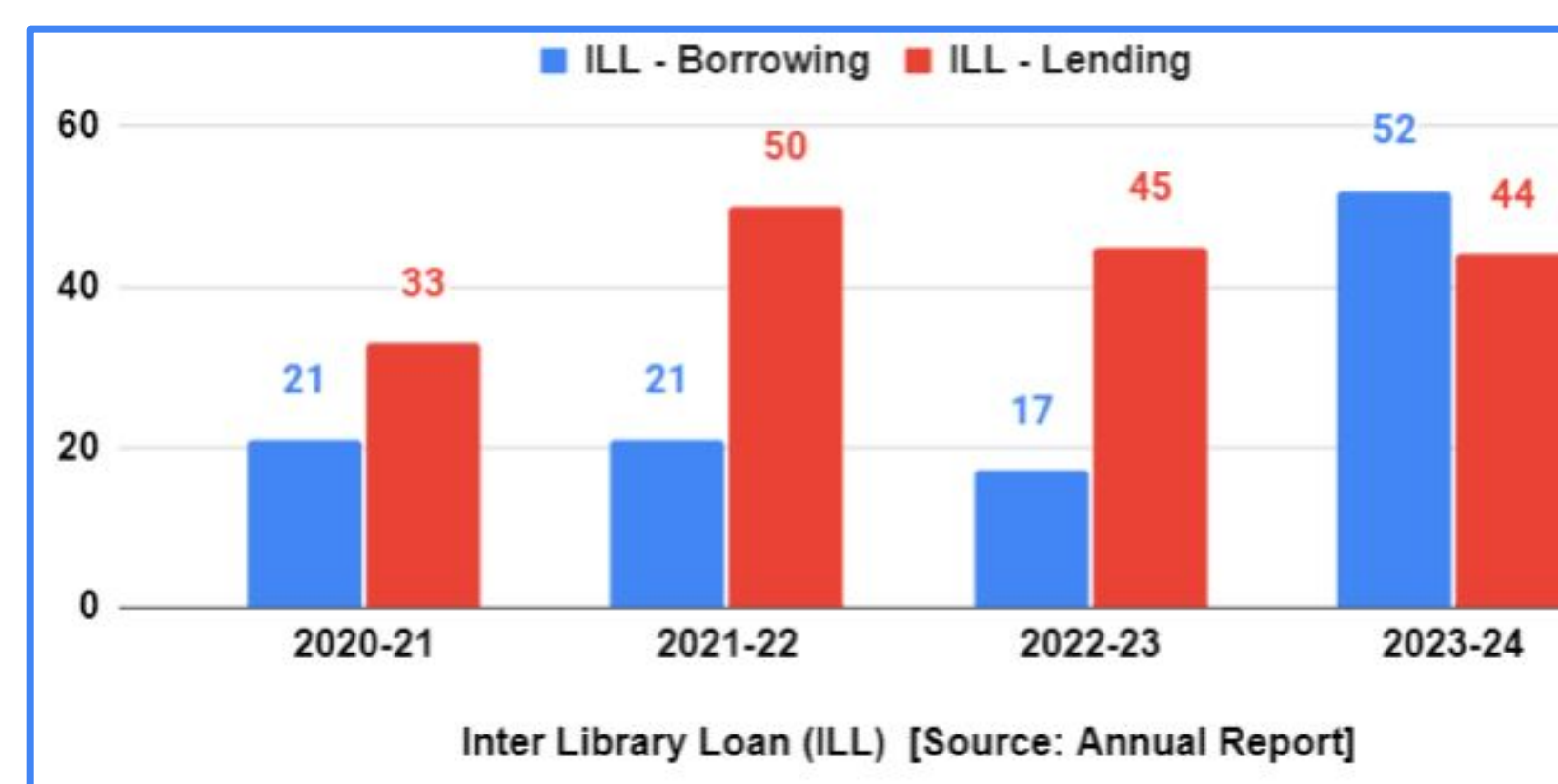
## Library Statistics



The figure shows the collection development at PRL libraries consisting of scientific, general and hindi books; CDs/DVDs added and subscribed periodicals



The figure shows the usage of library reprographic services for official and scholarly needs

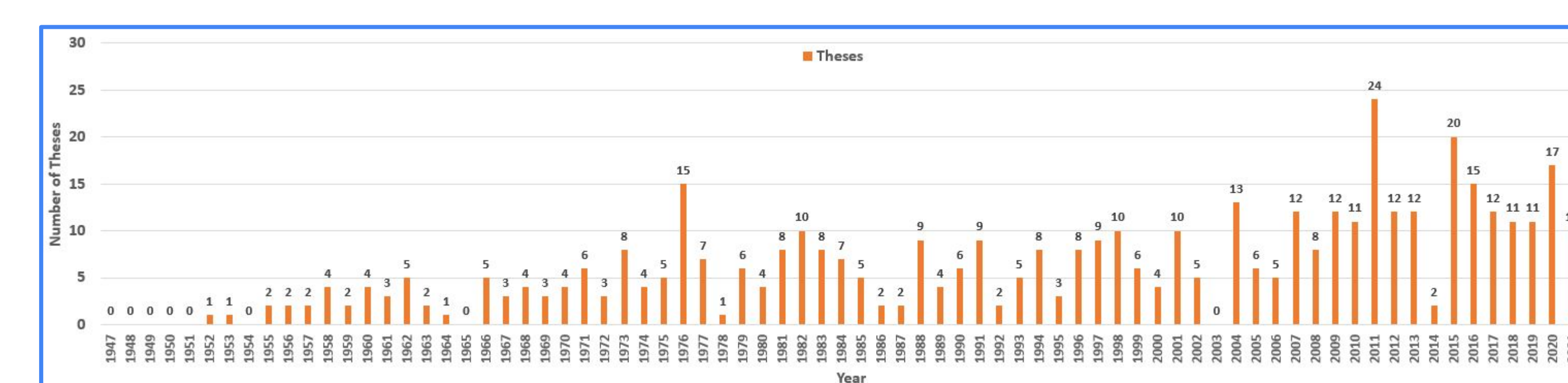


The Inter Library Loan (ILL) service deals with borrowing and lending of resources from other libraries. The figure gives an account of the documents borrowed from and loaned out to different libraries in India.

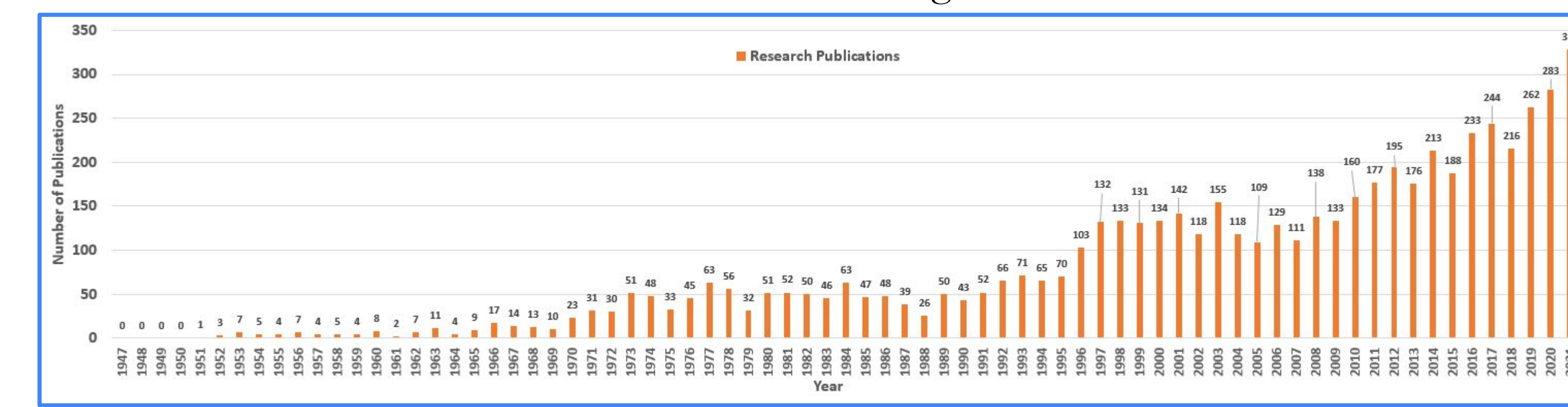
## Research Impact@PRL

Research impact measurement is often described as using quantitative methods such as citation counts, journal impact factors and researcher specific metrics such as the h-index, etc. and Internationally, specifically scientific organization.

Bibliometric & Citation Indicators	
Time Span	2018 -2022
Document Type	Article & Review
Total Document	1406
Total Citations	12687
Average Citations/article	09.02
h-index of PRL	39
Annual Growth rate %	10.1
S/W - R; Database: SCOPUS; Data Collection on 18/09/2023	



PRL Theses during 1951-2022.



Publication Pattern of PRL research during 1951-2022.