

## LIBRARY

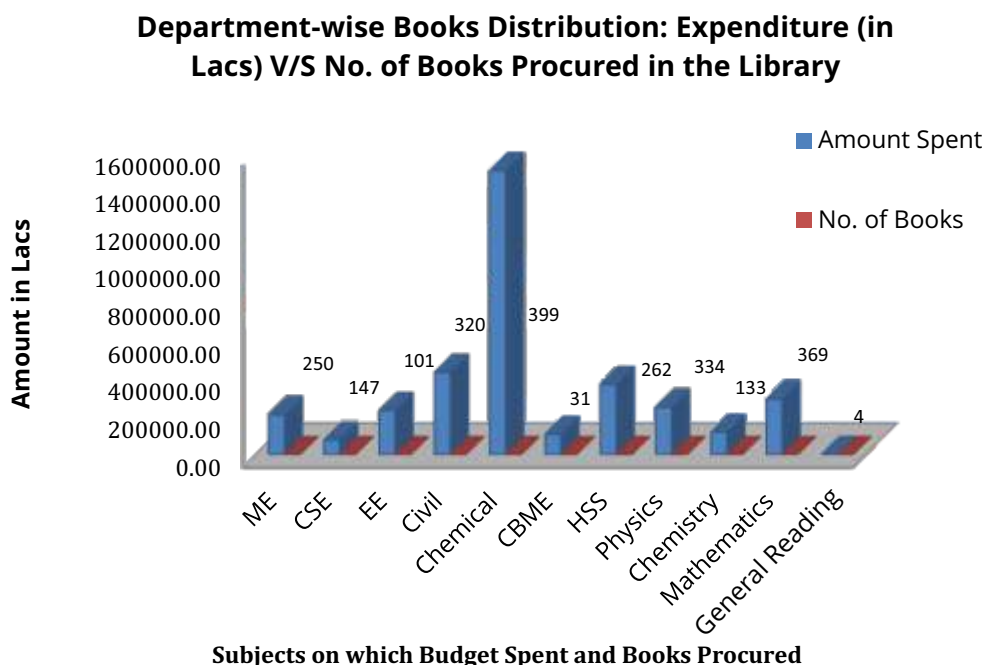
### INTRODUCTION

The Central Library functions as the primary information resource centre and repository of printed and electronic resources for teaching and research activities at the institute. The objective of the library is to fulfill the academic and research requirements of users by providing access to quality resources with appropriate delivery systems and services to support the institute to achieve excellence in teaching, learning, research and community services.

### COLLECTION DEVELOPMENT

Collection building is one of the important functions of the library, which supports academic and research activities of the students, faculty, staff and other users. IIT Ropar Library is continuously developing its collection by acquiring latest books, reports, other reference, and information resources and subscribing to reputed journals in science, engineering, technology, humanities and social sciences during the year. The Library is holding an excellent print collection of over 17000 documents which includes various resources such as dictionaries, handbooks, encyclopedias, reports of research monographs, multi-volume reference works, other documents of research value, i.e., theses and project reports, etc. and books on general reading.

During the financial year 2017-18, the library added 2351 new books to its collection and the department-wise purchase of books are given in the below chart:



### E-JOURNALS/ DATABASES/ TOOLS

The central library facilitates online access to thousands of e-journals through direct subscription and participation in consortia, such as E-Shodh Sindu (eSS) and the Library also subscribes to several e-journals directly from publishers as well as through reputed subscription agencies. Online access is also provided to economic and political databases,

scientometric databases such as Scopus, MathSciNet, and Web of Science. The library is providing extensive research support services such as citation analysis, usage of reference management tools, copyright and plagiarism support, etc. The library is using a Turnitin, a leading academic plagiarism tool to improve the quality of research publications and Grammarly tool for language support. The library is constantly striving to identify and adopt the emerging academic and research support tools and helping the institute in achieving its vision and mission.

The library subscribes to the following electronic and print resources:

**Full-Text Electronic Journals and Books:**

- Acta Arithmetica from the Institute of Mathematics
- American Chemical Society Digital Archive and Current Journals
- American Institute of Physics Digital Archive and Current Journals
- American Mathematical Society
- American Naturalist from the University of Chicago Press
- American Physical Society Journals
- American Society for Testing and Materials COMPASS
- American Society of Civil Engineers Library
- American Society of Mechanical Engineers Digital Archive and Current Journals
- Annals of Mathematics from Princeton University
- Annual Reviews
- Association for Computing Machinery Digital Library
- Begell House Engineering Collection
- Cambridge University Press Selected Journals
- Canadian Geotechnical Journal from NRC Research Press
- Canadian Journal of Mathematics
- Earthquake Spectra from Earth Quake Engineering Research Institute
- EBSCO Business Source Premier
- Economic and Political Weekly
- Emerald Journals
- Institute of Electrical and Electronic Engineers Xplore Digital Library (IEL Online)
- International Society of Optics and Photonics
- Institution of Civil Engineers Virtual Library
- Institute of Physics Science Digital Archive and Selected Current Journals
- JSTOR
- Low-Frequency Noise, Vibration and Active Control from Multi-Science Publishing
- Nature Journals
- Optical Society Online
- Oxford University Press Mathematics and Physical Sciences Journals
- Proceedings of National Academic Sciences
- Project MUSE
- Publicationes Mathematicae Debrecen
- Royal Society Proceedings A: Mathematical, Physical and Engineering Sciences
- Revue Francaise de Geotechnique from Geotechnicworld
- Royal Society of Chemistry Digital Archive and Selected Current Journals
- Society of Automotive Engineers - MOBILUS (SAE Technical Papers & Journals)
- Science Direct Journals
- Science Online
- Springer Online Journals
- Taylor & Francis Journals
- Technopress Journals
- Thieme Journals
- Walter de Gruyter Mathematics Journals
- Wiley Journals
- World Scientific Journals

## Economics, Industrial and Political Databases:

- EPW Research Foundation
- Euromonitor Passport
- Institute for Studies in Industrial Development (ISID) Databases
- Prowess
- States of India

## Bibliographic, Abstracting and Scientometric databases:

- Math SciNet
- SciFinder Scholar
- Scopus
- Web of Science

## Other Tools

- Grammarly
- Turnitin

## Print Journals/ Magazines

- AAAS/Science
- Atlantic Critical Review
- Creative Forum
- Current Science
- Data Quest
- Dialog
- Economist, The
- Electronic for You
- Frontline
- Modern Fiction Studies
- National Geographic
- PC Quest
- Reader Digest
- Time

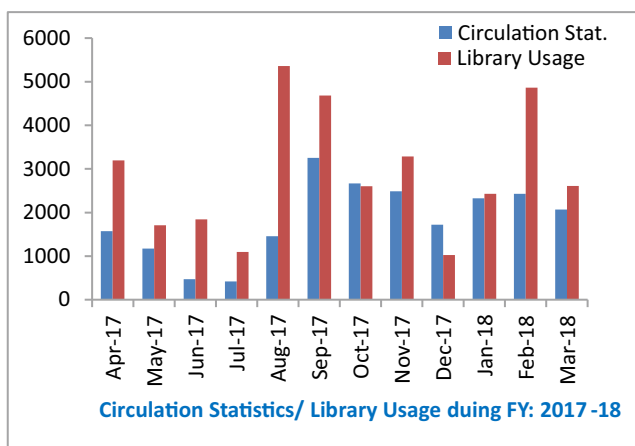


### LIBRARY SERVICES

The library currently provides following services on a regular basis:

#### 4.1. Circulation and Consultation Service

The library circulation operations are automated using the RFID-LIBSYS EJB version. During the academic year 2017-18, a total of 28,585 documents were issued/consulted at Kiosk to all categories of users. The graph below well depicts the circulation history of books during the financial year 2017-18:



## STAFF

The library has a team of the talented officers and the staff; they are always appreciated by users for their ability, enthusiasm, and honesty with which they serve them.

Sr. No.	Staff Pattern	Nos.
1	Deputy Librarian	1
2	Library Information Officer	1
3	Assistant Library Information Officer (on contract)	1
4	Senior Library Information Assistant	1
6	Library Attendant (Contract)	1

## Staff Publications & Recognition

In addition to their regular duties, the Library staff members have been engaged in various academic and research activities. List of their publications are given below:

### Journals:

- Siddaiah, Dinesh K. 2017. "Academic library for excellence today: a report from the panel discussion." Library Hi Tech News, 34(5):19-19.
- Nanjundaiah, Siddaiah, Dinesh K. 2017. "Ranking of Arts and Humanities Journals Published in India: A Scientometric Analysis." Pearl: A Journal of Library and Information Science, 11(2):155-158.

## NDL WORKSHOP

The Library, IIT Ropar and National Digital Library of India (NDLI), IIT Kharagpur, an MHRD Project, Govt. of India, jointly and successfully organized a two-day "Regional (North-IV) Workshop on Institutional Digital Repository at IIT Ropar during March 16-17, 2018. This workshop witnessed overwhelming response from the seven states of North and Central India. There were 61 enthusiastic participants from 41 higher educational institutions and research labs such as CFTIs, Universities, CSIR and other reputed institutions. The IIT Ropar Director, Prof. Sarit Kumar Das inaugurated the Workshop, Prof. P. P. Das, Joint-PI of the NDLI Project and Dr. Sutradhar, Co-PI of the NDLI Project were the guests for the Inaugural function. Prof. P. K. Raina, Dean, Academics & Chairman, Library Committee welcomed the gathering.

- Kaur, Harpreet. 2017. "Managing Institutional Repositories in India: Benefits and Challenges." International Journal of Management and Applied Sciences, 3(10): 85-88.

### Book Chapter:

- Siddaiah, Dinesh K. 2018. "Commonwealth Professional Fellowship: A Gateway for the Strategic Development of Libraries in India." In Digitizing the Modern Library and the Transition From Print to Electronic, 270-286. USA: IGI Global.

### Conference Proceedings:

- Kaur, H. & Malhotra, S. 2018. Use of Kiosks as a self Service Tool in Libraries. In Proceedings of Emerging Trends and Technologies in Libraries and Information Services ETTLIS - 2018, Bennett University, Greater Noida (In Print).
- Malhotra, S., Kaur, A. & Kaur, H. 2018. Analysis of contributions in Journal of Scientific and Industrial Research: A Bibliometric Study. In Proceedings of Emerging Trends and Technologies in Libraries and Information Services ETTLIS-2018, Bennett University, Greater Noida (In Print).





During hands-on-session of IDR workshop, the two experts from NDLI Mr. Shibabroto Banerjee, Principal Project Officer - Systems and Mr. Samrat Guha Roy, Central Library, IIT Kharagpur taught IDR concepts very well and made DSpace Prerequisites and Installation very clear to the participants. The other hands-on topics they taught were: Community, Collection and Item Submit Workflow, Indexing & Retrieval, Metadata schema management, Modification of Data Entry Forms, Implementation of Controlled Vocabulary, User creation and management, DSpace User Interface modification and Access Authorization, IDR backup and restore.