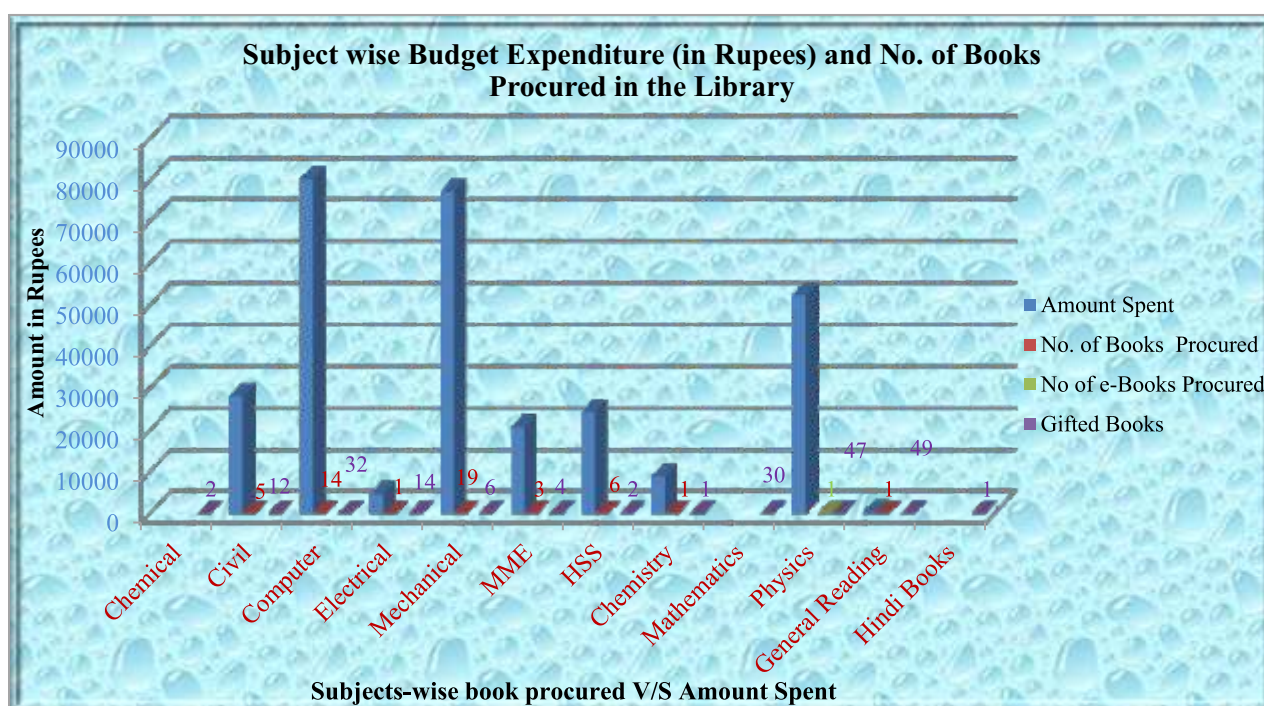# ⫻⫻ LIBRARY

1. INTRODUCTION

Library of IIT Ropar is an invaluable storehouse of knowledge and learning resources, which plays a vital role in support of academic and research activities at the institute. The objective of the library is to provide users with the required information resources and support by offering latest services which are integrated with teaching, learning and research activities. The main functions of the library include selecting, acquiring, processing, preserving and dissemination of print and electronic information resources. The services include providing access to quality print and electronic resources with appropriate delivery systems, tools and services in order to support the institute to achieve its vision and mission.

2. COLLECTION DEVELOPMENT

Collection building is one of the important functions of IIT Ropar library, which involves careful selection of standard learning resources required by the academic and research community at the institute.
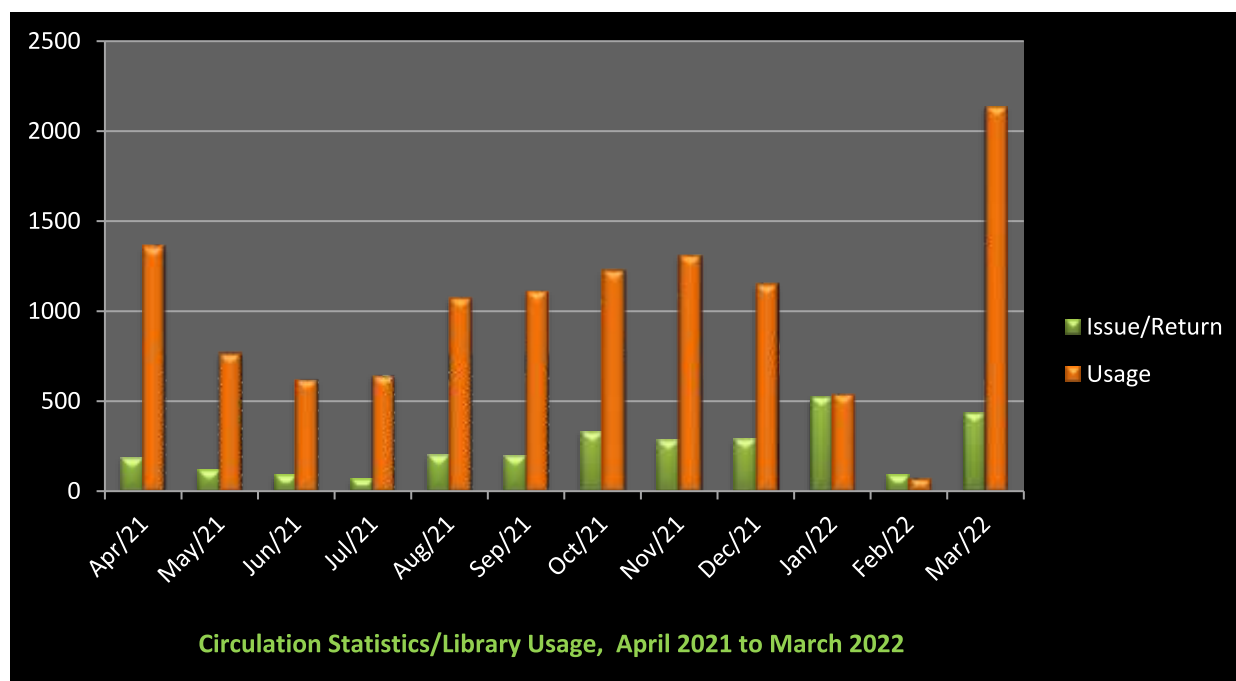
The Library has established collection development policy for acquiring latest books, journals, reports and other reference and information resources in science, engineering, technology, humanities and social sciences, as well as resources on general reading and same has been followed during the FY 2021-22. The Library maintains an impressive print collection of 22,700 documents that includes dictionaries, manuals, encyclopedias, reports of research monographs, multi-volume reference sources and other books on thought process. Apart from this, the library collection also includes Theses, Dissertations, Annual Reports, Standards, and CDs/DVDs etc. in the fields of science, engineering, technology, humanities and social sciences.

During the financial year 2021-22, the library added 251 new books to its collection, which include 50 print books and an e-book through purchase and 200 books received as gratis. A brief summary of the books procured in the 2021-22 financial year is shown in the below figure:

3. Circulation and Consultation Service

The library circulation operations have been automated using RFID based LIBSYS-7 software. During the academic year 2021-22 total 2807 documents were issued/renewed at self-service Kiosk/staff station to all categories of users. 11,995 visits have been made by users to consult the library resources physically during the year. The graph below well depicts the circulation/consultation history of books/users during financial year 2021-22.

Circulation Statistics/Library Usage, April 2021 to March 2022

4. Subscription of Journals/ Magazines/Databases/ Standards/ Software Tools in Electronic & Print Versions

Journals/Databases/Standards/Grammar and Anti-plagiarism tools plays an important role in research work at the institute. IIT Ropar library facilitates online access to thousands of e-journals through participation in E-Shodh Sindu (eSS) consortium and library also subscribes to several journals directly from the publishers as well as through the empanelled subscription agencies. The library subscribes to the following electronic and print resources. The below table depicts the usage statistics (number of full-text downloads/views/reports usage etc.) of subscribed electronic resources:

Electronic Journals/Databases Subscribed during 2021

Sr. No.	List of Electronic Resources (Electronic Journals/Databases/Tools)	Usage Statistics (No. of full-text downloads/Views/ Reports)
1.	Acta Arithmetica	NA
2.	American Chemical Society (ACS) Journals	170802
3.	American Institute of Physics (AIP) Journals	13501
4.	American Mathematical Society (AMS) Journals	319
5.	Annals of Mathematics (Princeton University)	135
6.	Annual Reviews	2111
7.	American Physical Society (APS) Journals	12683
8.	American Society of Civil Engineers (ASCE) Library	1523
9.	American Society of Mechanical Engineers (ASME) Journals	2602
10.	Association for Computing Machinery (ACM) Digital Library	3468
11.	Canadian Journal of Mathematics (Canadian Mathematical Society)	56

12.	Cambridge University Press (CUP) selected Journals	3350
13.	Elsevier ScienceDirect Journals	374586
14.	Economic & Political Weekly	NA
15.	Emerald CFTI Collection	6109
16.	IEL Online (IEEE Journals)	152021
17.	Institute of Physics Science (IoP) Journals	25992
18.	JSTOR	7630
19.	Optical Society of America (OSA) Journals	4328
20.	Oxford University Press (OUP) Journals	1835
21.	Proceedings of the National Academy of Sciences (PNAS)	4376
22.	Project Muse	204
23.	Revue francaise de geotechnique from Geotechnic World	NA
24.	Royal Society of Chemistry (RSC) Journals	107181
25.	Royal Society Proceedings A: Mathematical, Physical and Engineering Sciences	809
26.	Science Online	1372
27.	SpringerNature Journals	5357
28.	Taylor & Francis Journals	15839
29.	Technopress selected Journals	131
30.	Thieme Chemistry Package	1291
31.	Wiley selected Journals	43235
32.	International Journal of Number Theory from World Scientific	NA
Databases/Software Tools		
1.	Economic and Political Weekly Research Foundation (EPWRF)	NA
2.	Grammarly Tool	3635
3.	Institute for Studies in Industrial Development (ISID)	NA
4.	MathSciNet	29729
5.	Prowess IQ	533
6.	SciFinder Scholar	45950
7.	Scopus Database	238753
8.	States of India	1585
9.	Turnitin - Antiplagarism Tool	6350
10.	Web of Science	7777

NA-Not Available

Print Periodicals Subscribed during 2021

SI. No.	Title
1.	American Scientist
2.	Modern Fiction Studies
3.	National Geographic
4.	New Scientist
5.	Reader's Digest
6.	Time

5. PUBLICATIONS (Journal Articles/ Conference Papers/ Book Chapters)

5.1 Dr. Tarvinder Singh Handa

1. Handa, T. S., & Singh, J. (2021). Ascertaining users' attitude towards information technology application: A comparative study of Himachal Pradesh University, Shimla and Punjabi University, Patiala. Library Philosophy and Practice, https://digitalcommons.unl.edu/ libphilprac/6646

2. Singh, T., & Singh, J. (2021). Mapping patron's attitude towards information technology application in university libraries. An analytical study of two university libraries of north India region. In S.K. Ashok Kumar & P. Rajendran (Eds.), Transition or transformation of libraries due to Covid pandemic: Lessons learnt (pp. 339-350). International Library and Information Society: Chennai, TN.

3.   Rapporteur in Technical Session 9 of XXXVII Conference (International) of IATLIS and Platinum Jubilee Celebration Seminar of CU-DLIS on the theme of "LIS Education and LI Services during and beyond the COVID-19 Pandemic", Jointly organized in blended mode by Indian Association of Teachers of Library and Information Science (IATLIS) and Department of Library and Information Science, University of Calcutta, Kolkata, held from 25th to 27th November, 2021.

5.2 Mr. Vineet Jamwal

1.   Jamwal, V., & Kaur S. (2021) A non-traditional open source solution for altmetrics. Library Hi Tech News, 38(5), pp. 13-15. https://doi.org/10.1108/lhtn-08-2021-0049

2.   Jamwal, V., & Kaur, S. (2021). Global presence of open-source research data management platform for libraries: the Dataverse project. Library Hi Tech News, 38(9), pp. 8-12. https://doi.org/10.1108/lhtn-10-2021-0066

3.   Jamwal, V., & Kumar, H. (2022). An overview of dimensions and dimensions badge. In Library Hi Tech News. https://doi.org/10.1108/lhtn-01-2022-0010