

1. INTRODUCTION

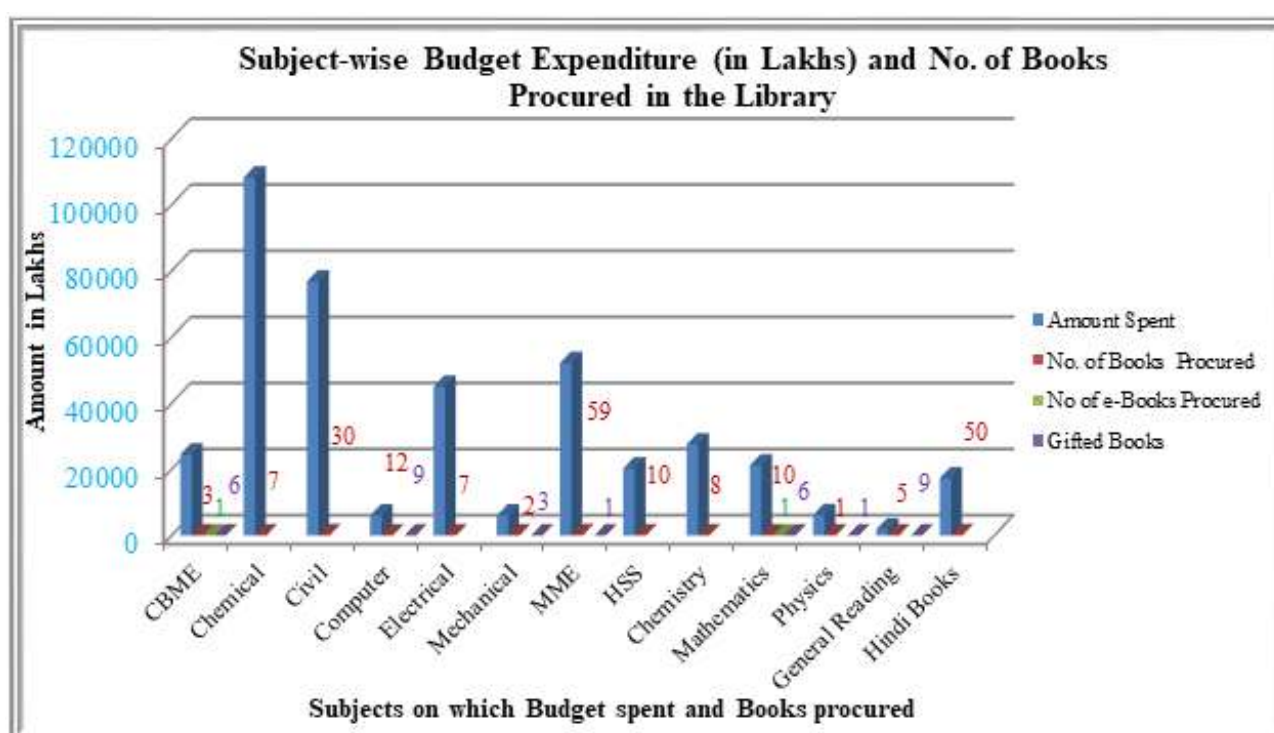
Library of IIT Ropar is an invaluable source of knowledge and place for learning and it is playing a pivotal role in support of various academic and research activities at the institute. The objective of the library is to provide users with the required information resources, learning spaces and support by offering latest services which are in line 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.

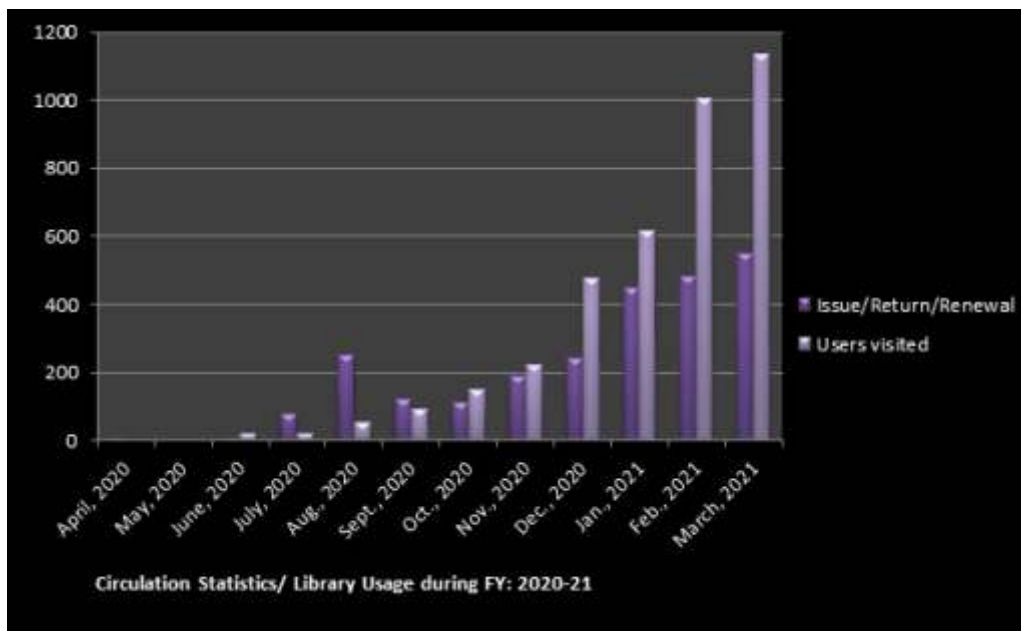
The Library has established collection development policy for acquiring latest books, journals, reports and other reference and information resources in science, engineering, technology, humanities and social sciences, as well as resources on general reading and same has been followed during the FY 2020-21. The Library maintains an impressive print collection of 22,454 documents that includes dictionaries, manuals, encyclopedias, 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, CDs/DVDs etc. in the fields of science, engineering, technology, humanities and social sciences.

During the financial year 2020-21, the library added 241 new books to its collection, which include 204 print books and 02 e-books through purchase and 35 books received as gratis. A brief summary of the books procured in the 2020-21 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 2020-21 total 2,481 documents were issued/consulted at self-service Kiosk/staff station to all categories of users. 3,791 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 2020-21.



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

Journals/Databases/Standards/Grammar and Anti-plagiarism tools play 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 the 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 table also depicts the usage statistics (number of full-text downloads/views/reports usage etc.) of subscribed electronic resources:

4.1 Electronic Journals/Databases Subscription:

Sl. No.	List of Electronic Resources (E-Journals/Databases/Tools)	Usage Statistics (No. of full-text downloads/Views/Reports)
1	American Chemical Society (ACS) Journals	62008
2	American Institute of Physics (AIP) Journals	11798
3	American Mathematical Society (AMS) Journals	187
4	American Naturalist, The (The University of Chicago Press)	76
5	Annals of Mathematics (Princeton University)	74
6	Annual Reviews	912
7	American Physical Society (APS) Journals	9400
8	American Society of Civil Engineers (ASCE) Library	1450
9	American Society of Mechanical Engineers (ASME) Journals	2309

10	Association for Computing Machinery (ACM) Digital Library	2186
11	ASTM COMPASS (Standards & Digital Library)	650
12	Canadian Geotechnical Journal	36
13	Canadian Journal of Mathematics (Canadian Mathematical Society)	NA*
14	Cambridge University Press (CUP) selected Journals	2830
15	EBSCO host-Business Source Premier	2992
16	Elsevier ScienceDirect Journals	192695
17	Economic & Political Weekly	NA
18	Emerald CFTI Collection	4049
19	IEL Online (IEEE Journals)	66277
20	Institute of Physics Science (IoP) Journals	13910
21	JSTOR	5910
22	Optical Society of America (OSA) Journals	1631
23	Oxford University Press (OUP) Journals	1333
24	Proceedings of the National Academy of Sciences (PNAS)	2265
25	Project Muse	291
26	Publicationes Mathematicae Debrecen (Inst. of Maths, Univ. of Debrecen)	NA*
27	Revue française de géotechnique from Geotechnic World	NA
28	Royal Society of Chemistry (RSC) Journals	58761
29	Royal Society Proceedings A: Mathematical, Physical and Engineering Sciences	396
30	Science Online	2140
31	SpringerNature Journals	59566
32	Taylor & Francis Journals	9834
33	Technopress selected Journals	131
34	Thieme Chemistry Package	725
35	Wiley selected Journals	27548
36	World Scientific selected journals	146
Databases/Software Tools		
1	Economic and Political Weekly Research Foundation (EPWRF)	809
2	Grammarly Tool	NA*
3	Institute for Studies in Industrial Development (ISID)	NA*
4	MathSciNet	3236
5	Prowess IQ	322
6	SciFinder Scholar	34470
7	Scopus	143210
8	States of India	1552
9	Turnitin - Antiplagarism Tool	4006
10	Web of Science	4103

* Not available

4.2 List of Print Journals/Magazines Subscribed

Sl. No.	Title
1.	American Scientist
2.	Current Science
3.	Dialog
4.	Modern Fiction Studies
5.	Nature
6.	National Geographic
7.	New Scientist
8.	New Yorker
9.	Reader's Digest
10.	Science
11.	Time

5. INVITED LECTURES & PULICATIONS

5.1 Invited Lectures

1. Dinesh, K.S., Delivered an expert lecture in the one-week workshop on "Writing Research Papers & Grant Proposals: Scientific, Technical, and Ethical Practices & Conduct" through online mode on August 28, 2020 on the topic "Research Support Tools, Copyright & Plagiarism in Academic & Research" through online mode organized by Research and Consultancy Section, NIT Uttarakhand.
2. Dinesh, K.S., Delivered an invited talk in the National Level webinar on "Introduction to Writing Research Papers" October 20, 2020, through online mode organized by Government Law College, Department of Collegiate Education and Technical Education, Government of Karnataka, Ramanagar.
3. Dinesh, K.S., Delivered an invited lecture in the One-day workshop on "Basics of Research Paper Writing and Publishing" November 11, 2020, through online mode organized by Dadabhai Naoroji Library and Information Centre, Gokhale Centenary College, Ankola, Karnataka under the CPE and IQAC Initiative.
4. Dinesh, K.S., Delivered the lectures in the following sessions as a resource person in the RUSA funded Refresher Course in Library and Information Science through online mode organized by the UGC-Human Resource Development Centre, University of Mysore, Mysore.

Sl. No.	Date	Time	Topic
1.	08.12.2020	10.00 am to 11.30 am	Academic Library as a Research Support System
2.	08.12.2020	11.45 am to 01.15 pm	Research Papers Writing and Publishing

5.2 Book Chapter

Tarvinder Singh Handa

1. Singh, T. & Singh, J. (2020). Attitude of Users towards Information Technology Application in University Libraries: A Comparative Study of Himachal Pradesh University, Shimla and Panjab University, Chandigarh. In P. Rai, A. Singh, Arjun, S. Prasad & V. Bansal (Eds.). Redesigning and reimagining libraries in new internet era, (pp.179-198). New Delhi: Vidit Publication House.
2. Handa, T.S. (2020). Innovative library services through aesthetic library design and space planning. In P. Venkata Rao & Preeti Sharda (Ed.). Digital convergence and innovation in library services in the present scenario, (pp. 171-185). Mohali: Enlightening Minds.