

## LIBRARY

### 1. INTRODUCTION

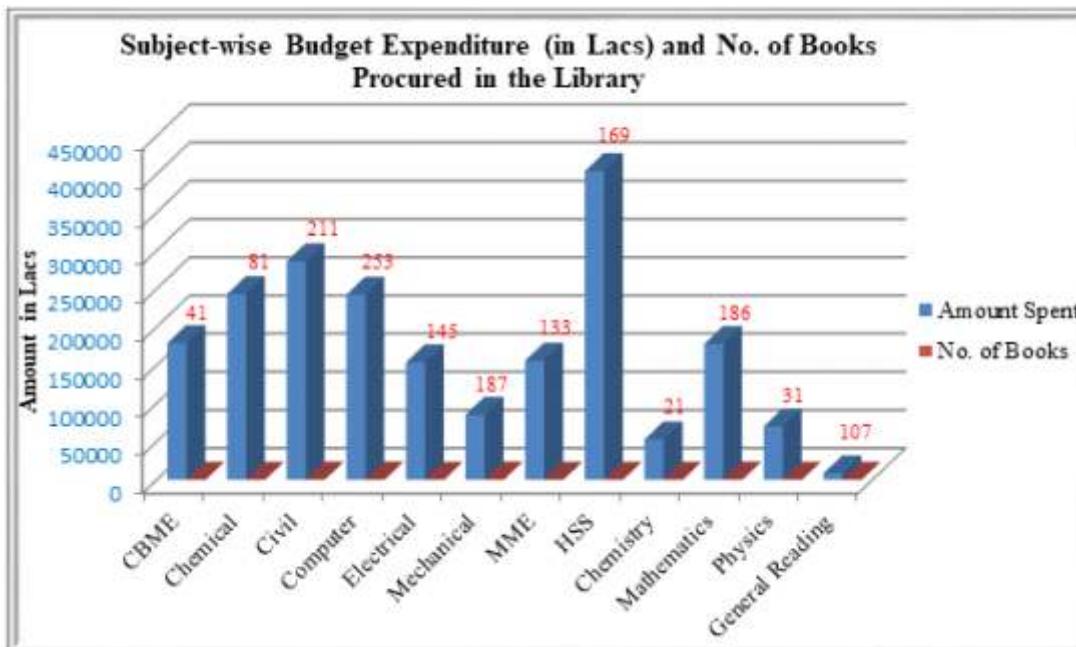
Library of IIT Ropar is a treasure trove of learning resources, which plays a vital role in support of various academic and research activities at the Institute. The objective of the library is to provide users with the learning resources and support by offering latest services which are integrated with teaching, learning and research activities. The main functions of the library include 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 2019-20. The Library maintains an impressive print collection of over 22,000 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 CDs/DVDs, annual reports, standards etc. in the fields of science, engineering, technology, humanities and social sciences.

During the financial year 2019-20, the library added 1,565 new books to its collection, which include 1072 books through purchase and 493 books received as gratis. A brief summary of the books procured in the 2019-20 financial year are shown in the below table:



### 3. JOURNALS/DATABASES/STANDARDS/TOOLS IN ELECTRONIC & PRINT

Electronic resources are main source of information and they are the backbone for the progress of academics and research at higher educational institutions. The IIT Ropar library facilitates online access to thousands of e-journals through participation in consortia, such as E-Shodh Sindu (eSS) and the Library also subscribes to several journals directly from the publishers as well as through the reputed subscription agencies. Online access is also provided to economic and political databases, scientometric databases such as CMIE, EPWRF, Euromonitor Passport, MathSciNet, Scopus, and Web of Science etc. The library has the access to e-books such as Begell House Engineering Collection, Pearson E-Library Collection, South Asian Archive etc. The library is providing extensive research support services such as citation analysis, usage of reference management tools, copyright and plagiarism support. The library is using Turnitin, a leading academic plagiarism tool to improve the quality of research publications and Grammarly tool for language support.

The library subscribes to the following electronic and print resources:

#### 3.1 Full-text Electronic Journals:

ACM Digital Library	Institution of Civil Engineers Virtual Library
ACS Journals	IoP Science Journals
Acta Arithmetica	Journal of the European Mathematical Society
Advances in Structural Engineering	JSTOR
AIP Journals	Nature Journals
American Mathematical Monthly	OSA Online
AMS Journals	OUP Journals
American Naturalist	Proceedings of National Academic Sciences
Annals of Mathematics	Project MUSE
Annual Reviews	ProQuest-ABI/Inform Premier
APS Journals	Publications Mathematicae
ASCE Library	Royal Society Proceedings A
ASME Journals	Revue Francaise de Geotechnique
ASTM COMPASS	RSC Gold
Begell House Engineering Collection	SAE MOBILUS
Canadian Geotechnical Journal	ScienceDirect Journals
Canadian Journal of Mathematics	Science Online
Chemical Engineering Education	SIAM Journals
Chemical Engineering	Springer Journals
CUP Journals	Taylor & Francis Journals
Earthquake Spectra	Technopress Journals
Economic and Political Weekly	Thieme Journals
Emerald Journals	Walter de Gruyter Journals
IEL Online (IEEE Xplore Digital Library)	Wiley Journals
International Society of Optics & Photonics	World Scientific

### 3.2 e-Books:

<b>Begell House Engineering Collection</b>	<b>South Asia Archive (SAA)</b>
Pearson E-Library Collection	World e-Book Library

### 3.3 Economics, Industrial and Political Databases:

<b>EPW Research Foundation</b>	<b>Prowess</b>
Euromonitor Passport	States of India
Institute for Studies in Industrial Development Databases	

### 3.4 Bibliographic, Abstracting and Scientometric Databases:

<b>Math SciNet</b>	<b>Scopus</b>
SciFinder Scholar	Web of Science

### 3.5 Research Support Tools:

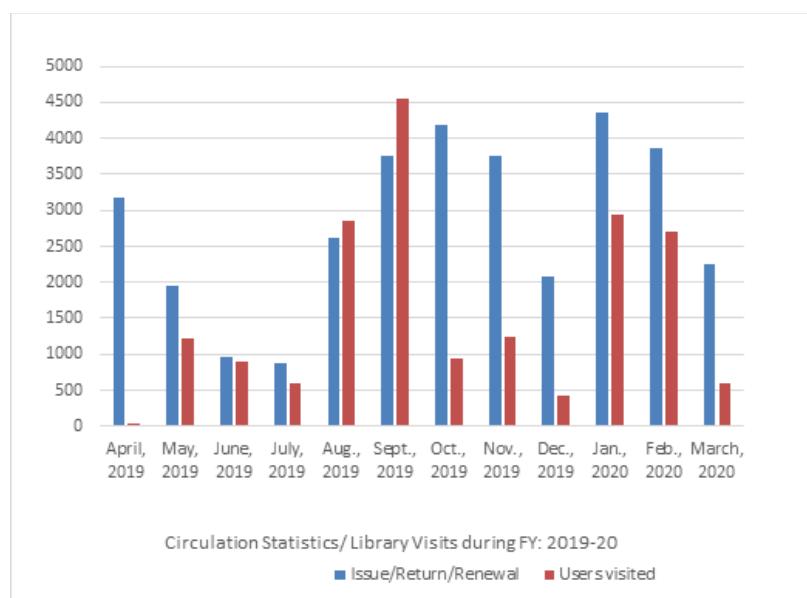
Grammarly	Turnitin
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### 3.6 Print Journals/ Magazines

<b>American Scientist</b>	<b>National Geographic</b>
Current Science	Nature
Creative Forum	New Scientist
Dialog	New Yorker
Economist	PC Quest
Electronics for You	Reader's Digest
Employment News	Science
Frontline	Time
Modern Fiction Studies	Week (The)

## 4. CIRCULATION AND CONSULTATION SERVICES

The library circulation operations have been automated using RFID based LIBSYS-7 software. During the academic year 2019-20 total 33,807 documents were issued at self-service Kiosk/Staff station to all categories of users. 19,027 visits have been made by users to consult the library resources physically during the year. The graph below well depicts the circulation/visits history of books/users during financial year 2019-20.



## 5. INVITED TALK & PUBLICATIONS

1) Dr. Dinesh K. S.

Invited Talk:

Delivered an invited talk in the Technical Session-I of Two days National Conference on “Plagiarism and Academic Integrity in Higher Education” sponsored by DGHE Haryana on February 26, 2020 at Gandhi Memorial National College, Ambala Cantt.

2) Tarvinder Singh Handa

1. **Singh, T. & Singh, J. (2019) Understanding staff perceptions of workplace technology: a case study of Bhai Kahn Singh Nabha library of Punjabi University Patiala. *International e-Journal of Library Science*, 7(2), pp.29-37.**
2. **Singh, N.; Dutta, S.N. & Handa, T.S. (2019). Research dynamics in Indian fisheries and aquaculture: a scientometric analysis. *Current Science*, 117(03), pp.382-389.**

## 6. LIBRARY EVENTS

**6.1 Invited Talk:** An invited talk was organized by the Library on 22nd May, 2019 by Gurdish Sandhu, Associate Director- IT Strategy, University of East London.



**6.2 Taylor & Francis Editorial Workshop:** One day Editorial Workshop on “How to Publish with Taylor & Francis” was organized by the Library, IIT Ropar on 26th July 2019.



**6.3 One-Day Workshop on Research Data Management (RDM)** by Ms. Sonia Barbosa, Manager of Data Curation, IQSS Dataverse and Ms. Ceilyn Boyd, Harvard Library, Research Data Program Manager.