

CENTRAL LIBRARY

Introduction

Central Library of IIT Ropar plays a pivotal role in support of academic and research activities at the institute. The main functions of the library include acquiring, processing, preserving and dissemination of print and electronic information resources. 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 in order 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.

The Library has developed its collection by acquiring latest books, journals, reports and other reference and information resources in science, engineering, technology, humanities and social sciences during the year. The Library is holding an excellent print collection of over 13000 documents which includes various resources such as dictionaries, handbooks, encyclopedias, reports of research monographs, multi-volume reference works etc. and books on general reading. Apart from this, the library collection also includes CDs/DVDs, e-journals, annual reports, standards and pamphlets in areas of science, engineering, technology, humanities and social sciences. In the financial year 2015-16, the library added 1271 new books to its collection.

Electronic resources

The Central Library facilitates online access to thousands of e-journals through direct subscription and participation in consortia, such as E-Shodh Sindu. The library also provides online access to bibliographic, abstracting and scientometric databases such as Scopus, Web of Science and MathSci.Net. The library subscribes to the following electronic and print resources.

Full-Text Electronic Journals and Books:

- Acta Arithmetica
- American Chemical Society (ACS) Digital Archive and Current Journals
- American Institute of Physics (AIP) Digital Archive and Current Journals
- American Mathematical Monthly
- American Mathematical Society selected Journals
- American Naturalist
- Annual Reviews
- American Physical Society (APS) Journals
- American Society of Mechanical Engineers (ASME) Digital Archive and Current Journals
- Association for Computing Machinery (ACM) Digital Library
- ASTM COMPASS
- Cambridge University Press (CUP) selected Journals
- Canadian Journal of Mathematics
- IEEE/IEL Electronic Library (IEL) Online
- Institute of Mechanical Engineers (IMEch E) Digital Archive
- Institute of Physics (IoP) Science Digital Archive and selected current Journals
- Journal of Biomedical Optics from International Society for Optics & Photonics (SPIE)
- Journal of the European Mathematical Society
- JSTOR
- Nature selected Journals
- Optical Society of America (OSA) Online
- Oxford University Press (OUP) Mathematics and Physical Sciences Journals
- Proceedings of National Academic Sciences (PNAS)
- Project MUSE

- Publications Mathematicae
- Royal Society Proceedings A: Mathematical, Physical and Engineering Sciences
- Royal Society of Chemistry (RSC) Digital Archive and selected current Journals
- SAE Selected Journals
- ScienceDirect Journals
- Science Online
- Springer Lecture Notes in Physics
- Springer Online Journals
- Thieme selected Journals
- Walter de Gruyter selected Mathematics Journals
- World Scientific selected Mathematics Journals

Biographic, Abstracting and Scientometric databases:

- MathSciNet
- Scifinder
- Scopus
- Web of Science

Print Resources:

- AAAS/Science
- Auto India
- Current Science
- Data Quest
- Economist, The
- Electronic for You
- Frontline
- National Geographic
- PC Quest
- Reader Digest
- Time
- Week, The

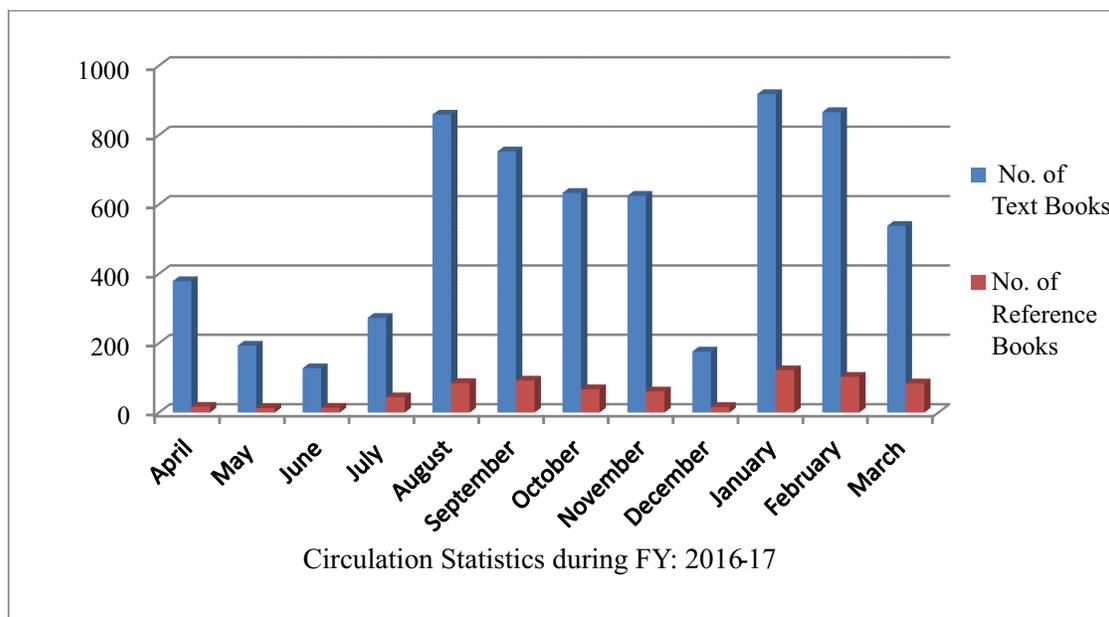
Library services

The library currently provides following services on regular basis:

a) Circulation and Consultation Service

The library circulation operations are automated using LIBSYS-7 software. During the academic year 2015-16, total of 17690 documents were issued/consultations handled at circulation desk to all categories of users. The graph below well depicts the circulation history of text and reference books during financial year 2015-16:

Statistics of Text Books and Reference Books issued/returned/consulted during FY: 2015-16



Document Type	Circulation	Renewal	Sub-Total	% age
Text Books	14383	1336	15719	88.86
References Books	1715	256	1971	11.14
		Total	17690	100.00

b) Reference Service

The library has a separate reference section meant for in-house reading with a seating capacity for 120 students. Reference queries are responded immediately by qualified library professionals on one-to-one and e-mailing basis.

c) Reprographic Facility

During the financial year 2015-16 the library has installed a multipurpose photocopier to provide printing/photocopy/scanning facilities to the user community with the nominal charges.

d) Library OPAC (Online Public Access Catalogue)

The OPAC is one of the most widely used services of the library and it is accessible 24X7. The Library OPAC, besides listing all the documents available in the library, allows on-line status of an individual’s account, i.e. checkout status and circulation history, reservation of desired documents, and current status of a particular book. OPAC is searchable by author, title, publisher, subject and with the several other fields.

Apart from above, the OPAC also enables users to browse electronic journals (title, publisher wise) subscribed by the Institute.

e) Institutional Digital Repository (IDR)

Library has developed Institutional Digital Repository (IDR) using D-Space open source software which preserves the research output of the institute such as theses and dissertations, project reports, research articles which are out of copyrights and also it preserves the institute publications.

f) News Portal of IITs

The library taken an initiative to bring all IIT related news (old and new IITs) at one place through the uniquely developed “IITs News Portal”. It is an openly accessible portal where anyone can find IIT related news published in leading newspapers with the institute wise searching facility.

g) e-Resources Lab

A separate facility of digital lab is also provided for users in order to access online full-text journals and 5000+ e-books.

Staff

The library has a team of talented officers and staff who perform their duties very well, and are always appreciated by our users for their ability, enthusiasm and honesty with which they serve them.

Staff Pattern

The Central Library is managed by well qualified and experienced professionals. The present status of the staff managing the library is as follows:

Sr. No.	Designation	Strength
1	Deputy Librarian	1
2	Assistant Library & Information Officer (on contract)	1
3	Sr. Library & Information Assistant	2
4	Library Attendant (Contract)	1

Publications

In addition to their regular duties, the library staff members are also engaged in various academic activities like attending workshops, presenting papers in seminars and conferences and publishing book chapters etc. Some of the publications and other activities are listed below:

Book chapters

1. Kaur, H. (2015). Role of Digital Libraries in Present Era: Challenges and Issues. In Thanuskodi, S. (Ed.), *Inventive Digital Tools for Collection Management and Development in Modern Libraries*, IGI Global Publishers, USA, pp. 86- 102.

Paper presentation/ Conference proceedings

1. Tarvinder Singh Handa has contributed a paper titled ‘An Overview of INDEST-AICTE Consortium with special Reference to Punjab’ in a “3rd Day National Conference on Emerging Technologies in Libraries” jointly organized by Chandigarh Librarian’s Association and Dev Samaj College for Women, Chandigarh on October 16, 2015, pp. 159-163.
2. Harpreet Kaur has contributed a paper titled “Marketing of Information Products and Services” in a “3rd Day National Conference on Emerging Technologies in Libraries” jointly organized by Chandigarh Librarian’s Association and Dev Samaj College for Women, Chandigarh on October 16, 2015.

Awards & Honors

Harpreet Kaur

1. Manohar Research Award for paper in the International Conference on “Institutional Repository and Open Source Software: An Overview” International Conference on Innovations in Library Information Science, Social Science and Technology (ICCLIST' 2016') For Virtual World through Web Conferencing on January 15. 2016.

Tarvinder Singh Handa

2. Rapporteur in Technical Session II of XXXI IATLIS National Conference on the theme of “Hundred Years of LIS Education and Library Services in South Asia: Perceptions and Directions” jointly organized by the IATLIS and A.C. Joshi Library, Panjab University, Chandigarh during November 20-21, 2015.