

The Central Library functions as the primary information resource centre and repository of all printed and e-resources for teaching and research activities at the Institute. Apart from textbooks and recommended reading material prescribed for each course offered at the Institute, the library houses a growing collection of research monographs, reports, multi-volume reference works, dictionaries, encyclopedias, handbooks and so on. In addition, the library also facilitates access to a number of journals through its participation in consortia, such as INDEST-AICTE. At present, users can consult more than 7000 books (available on shelves) and thousands of electronic journals.

The library operations are automated using LIBSYS software and the library personnel are presently working towards setting up a digital library and e-resource centre. These steps will greatly enhance the library's efficiency in making the resources available to the academic community at large and also enable the Institute participate in various inter-library initiatives at national and international levels.

### Services

Central Library offers the following major services:

- (i) Reference
- (ii) Consultation
- (iii) Circulation
- (iv) Electronic Document Delivery
- (v) Inter Library Loan
- (vi) Current Awareness Service (CAS)
- (vii) Selective Dissemination of Information (SDI)
- (viii) Web Online Public Access Catalogue (OPAC)

### Working Hours

#### Issue/Return:

On weekdays (except Holidays) : 09:00 am - 1:00 pm and 2:00 pm to 5:30 pm

#### Reference :

During Academic Session :

09:00 am-12:00 midnight

During Minor and Major Exams : 09:00 am-02:00 am

During Vacation : 09:00 am-06:00 pm

#### Library Automation :

The Library uses LibSys automation software, and the operations of Cataloguing, Circulation and Serial Control have been automated. Resources are updated on a regular basis.

#### Web OPAC

Online Public Access Catalogue (OPAC) enables users to search documents in the possession of the library. OPAC also enables library users know their checkout status, issue history and so on. Users can browse for new additions of books, journals subscribed (title, publisher wise). They can also reserve books online and avail of more advanced services.

#### Union OPAC

In addition to our own Library database, Union OPAC provides access to other library databases, such as that of IITs, other research centres, WorldCat etc. It has been integrated with Google Web Technology.

This facility fetches cover pages from Google books and offers "my cart" facility to select titles.

### **Electronic Resources :**

The Central Library of IIT Ropar provides access to the following societies'/ publishers' Electronic Resources.

### **Full-text electronic journals and Books :**

1. Access Engineering Library (DEL) - McGraw-Hill's E-Books
2. ACM Digital Library
3. ACS Archive and Current Journals
4. AIP Journals Complete with extended back files
5. ANS Journals
6. Annual Review of Fluid Mechanics
7. APS Journals
8. ASME Digital Library
9. ASTM Standards and Digital Library
10. CUP Selected Journals
11. Euclid Prime Journals
12. IEL Online (IEEE Xplore Digital Library)
13. Maney Publishing (International Journal of Cast Metals Research)
14. IOP Science Archive and Selected Current Journals
15. JSTOR
16. Nature
17. OSA Online
18. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences
19. RSC Archive and Chemical Communication (Current Journal)
20. OUP Mathematics and Physical Sciences Journals
21. Science Direct
22. Science Online
23. SIAM Online
24. Springer Online Journals
25. Taylor & Francis Journals- Science & Technology Library
26. Wiley-Blackwell Selected Journals
27. World Scientific Selected Mathematics Journals

### **Bibliographic Resources :**

1. Scopus
2. MathSciNet
3. JCCC.