

JIS College of Engineering

Phase-iii; Block: A: Kalyani, Nadia

CENTRAL LIBRARY

Overview:

Carpet area of Central Library main building 1,079 sq.mt two floors along with reading room, Book Bank Separate Building and Digital library (25 Computer Set). (spread over 2nd and 3rd floor of the building) the library extended baggage desk and permanent posting of security. The visitors' register is available in the entrance of the library.

Library Facilities:

Library Area	Furniture	Average Carpet Area	Electrification & Lighting	Flooring	Walls & Painting	E-Journals	Digital Library	Air Conditioning
1,079 sq.mt	Library Racks, Almirahs, Journal Display Cabinets, Newspaper Display Desks, Chairs, Tables, Stools	1,079 sq.mt two floor	Electric and Generator facility available	Two floor: 2 nd floor – Lending section 3 rd floor Reading Room/Reference Section	Plasters with white colour	Member of AICTE INDEST Consortium and subscribe IEEE/IET Electronic Library (IEL)	JIS College has Online Digital Library : http://172.17.80.5:8080/js/pui/	Server Room

Reference Section:

Reference Section is a large reading hall at the 3rd floor. The reading hall is well furnished and can accommodate 128 students and 30 faculty members at a time. The internet browsing facility is extended in the reading hall to all students and faculties.

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Library Committee:

Library committee took major decision for library operation.

Dr.Indranath Sarkar Assit.Prof Dept. of ECE, TIC, Library Committee,

Collection:

At present, the library has more than **88,242** copies of books, **6,089 titles** and 2,900 CD-ROMs in its collection besides it subscribes 121 (108+13) printed journals.

Services offered:

All UG students of the college can borrow 4 books and PG students borrow 5 books at a time from the central library for a period of 15 days. After the expiry of 15-days period students can renew the book for a further period of 15 days. For wide circulation of books students are debarred from two consecutive renewals of the same library books. Users can access the library database through online public access catalogue (OPAC) through various access points like Author, title, subject or keyword including 'Boolean Search'. The library also offered consultation of employment/career magazines and newspapers, in-house photocopying service, etc. Internet searching/browsing from the computers installed in the library is also available to the library users (both students and faculty members). Lending procedure maintain with the help of Barcode Scanner with Libsys Library Management Software

From July 2017, odd semester of the session 2017-2018 library management software has been introduced by Hash Technologies, Kolkata, WB. Henceforth this software shall take the responsibility of maintenance of library transaction, requisition, stock verification etc. for the Central Library, JIS College of Engineering, Kalyani.

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Central Libraries Books/Journals Collection:

Course	Academic Year	Subject	Number of titles	Number of volumes	National Journals (Printed)	International Journals (Printed)	E-Journals
<u>B.TECH</u> <u>IN:</u> CSE, IT, EE, EIE, ECE, ME, BME, CE <u>M.TECH</u> <u>IN:</u> EDPS, MCNT, MCSE, SE MCA & MBA DEE	2017-18	Computer science	626	9982	108	13	208 Title in IEEE Member of AICTE INDEST Consorti um and subscribe IEL Online
		Information Technology	548	7985			
		Computer Application (CA)	227	4460			
		Electrical engineering	622	9153			
		Electronics & Instrumentation engineering	286	4163			
		Electronics & Communication Engineering	607	9093			
		Chemistry	125	2784			
		Bio-medical engineering	237	4250			
		Mechanical engineering	519	8345			
		Civil Engineering	521	4528			
		Humanities	122	2726			
		Mathematics	125	5279			
		Physics	103	5619			
		Management	1120	8088			
		M.Tech	290	1096			
		Electrical Diploma	11	691			
TOTAL			6,089	88,242			

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Printed Journals:

There are 108 printed National and also 13 printed International journal have subscribed by Central Library

Printed Serial/Magazine:

Near about 57 no of important National level serial/magazine subscribed by the Central Library and 5 International serial has subscribed by Central Library.

Electronic resources:

E-Books:

Central Library-JISCE subscribed 640 e-books package of IEEE-Wiley. In College campus all around it is visible in IEEE's website. Users may download, print and read.

E-Journals:

Being a self supported member of the AICTE-INDEST Consortium (Since January, 2007), online access facility to IEEE/IEE Electronics Library (IEL Online) The IEEE ASPP provides access to IEEE's core collection of technology journals. With peer-reviewed publications concentrating on theoretical and experimental papers, as well as practical applications in research, design, and specification, ASPP offers valuable research on a variety of topics. which includes:

- **179 IEEE online society-sponsored journals, transactions, and magazines**
- **Peer-reviewed publications, concentrating on theoretical and experimental papers**
- **Quality magazines focusing on practical applications in research, design, and specification**
- **More than 260,000 documents, many of them available in HTML as well as the original PDF format**
- **Complimentary access to Bell Labs Technical Journal**

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The IEEE Proceedings Order Plans (POP) provides full-text access to the cutting-edge research papers and findings from conferences in a wide range of technology areas, including computer engineering, biomedical technology, telecommunications, electric power, aerospace, consumer electronics, and many more. POP offers core online collection of conference proceedings from approximately 125 of the most important IEEE conferences.

CD Rom

Central library has 2,900 CD-ROMs in its collection, which help students to quick access of information.

Category of IEEE Resource at JISCE

1. IEEE journals, transactions, and magazines, including early access documents **(208 Titles)**
2. IEEE conference proceedings
3. IET journals **(122 Titles)**
4. IET conference proceedings
5. IEEE published standards and redline versions
6. IEEE Standards Dictionary Online
7. VDE VERLAG Conference Proceedings

Institutional Digital Repository: JIS College of Engineering:

Link is: <http://172.17.80.5:8080/jspui/>

JIS College of Engineering, Central library setup a repository to management of e-resource.

Repository has following category of documents:

[Conference Proceeding](#) [Course Material](#) [E-Books](#) [E-Journals](#) [Faculty Publication](#) [Lecture Note](#) [NPTEL Wireless Communication Online Course Video Lectures - IITDelhi-NPTEL](#) [Question Papers](#) [Tutorials](#) [Video Lectures](#) [Flip Learning](#) [NDL \(National Digital Library\) Resources.](#)

1700 document has been digitized and uploaded into digital library. It should be accessible to around the college campus.

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Library Automation:

The integrated library management software (LibSys) was procured in 2004. The preparation of database for books, loose issues of journals (retro-conversion) and membership (or users database) using this software has already being completed. The addition of books and other learning materials are being entered regularly in to the system to make the library database comprehensive and up-to-date. The charging and discharging of books to faculty members and students are being done using this system is continued. The library has already procured and installed a high-end IBM computer server with redundant power supply for smooth operation of the library management system (LibSys) and safe archival of library database. This state of the art server increases the database security. As a result, it reduces the chance of system failure leading to loss of data.

National Digital Library (NDL) also registered in our College. Many members are registered and they can access different types of data.

Flip Learning Data also given to the Digital library software.

New Services:

Introduce Book Bank facility for the 1st year under graduate (UG) students from the academic session commencing from July, 2007. Under this facility, all 1st year UG students can borrow up to a maximum of 5 textbooks at a time from the central library for a period of one semester (i.e., for 180 days). The facility already extended to 2nd year UG students from July, 2008 and 1st year MCA students from January, 2009. Book Bank facilities for 2nd year MCA and 1st year MBA students started from July 2009. The library has procured 12,000 copies of books during this period for providing Book Bank facility. The charging and discharging of these books to the students are also being done using LibSys system. From 2011 current academic year library has introduce book bank facilities for B.Tech 3rd year students. 5 Book provided for every student as Book Bank. 4th Year B.Tech has been introducing new service 6 book each students.

Future Plan:

- Extend the Book Bank facilities for all UG and PG students of the college.
- Strengthening the collection books for B. Tech (4th year) and M. Tech students
- To introduce Newspaper clipping service, Display of JIS Publications and New Arrivals.
- To set up 'Multimedia Library' and extended the same to a full fledged 'Digital Library'
- Extended the circulation hour for Faculties, Staff members and PG student