

DIGITAL LIBRARY

Digital Library is housed in the 'B' block mezzanine floor of the Library. We are using DSpace as Digital library software. **Digital library** is a library in which collections are stored in digital formats and data accessible through the computers by users. The digital content may be stored locally, or accessed remotely via computer networks. A digital library is a type of information retrieval system.



IT INFRASTRUCTURE

IT Systems

| | |
|---------------------------|----------------------|
| Servers | 5 |
| Switches | 4 |
| Desktop | 100 |
| UPS | 2 |
| Operating Systems | LINUX/Windows |
| Internet Bandwidth | 20Mbps |
| Wi-Fi | Enabled |

Wi-Fi (Wireless Fidelity)

- **DSI Campus enabled Wi-Fi.**
- **Users are browse internet anywhere inside the campus**

SERVERS

LIBSYS SERVER

Operating System : LINUX

- Library is fully automated with **LIBSYS** automation software.
- **LIBSYS** is integrated multiuser library management software that caters to the needs of an advanced library and information professionals.
- It has a powerful and user-friendly **WEB-OPAC** along with Windows-based **OPAC**
- It runs on various platforms such as **WINDOWS (95/98/NT/2000/XP)**, **UNIX**, and **LINUX** etc.
- Performing Daily Application **BACKUP**

The LIBSYS systems at a glance:

1. **Acquisition System**
2. **Cataloguing System**
3. **Circulation System**
4. **Serial System**
5. **Article Indexing System**
6. **OPAC System**

Services Library Web Online Public Access Catalogue

- Check availability of Library Document
- Check status and location of library document
- Reserve Checked-out document

FTP SERVER

Operating System : LINUX

- **Is a standard network protocol used to transfer files from one host to another host over a TCP-based network. It is often used to upload web pages and other documents. FTP is built on client-server architecture and uses separate control and data connections between the client and the server.**

Services

- Downloaded articles/papers for R&D work
- E-Books
- Educational videos
- PPT presentations

DSPACE SERVER

Operating System : LINUX

- DSPACE open source software is a turnkey institutional repository application.

Top reasons to use DSPACE

- Largest community of users and developers worldwide
- Free open source software
- Completely customizable to fit your needs
- Used by educational, government, private and commercial institutions
- Can be installed out of the box
- Can manage and preserve all types of digital content

Services

- Institutional Repositories
- Project Reports up-to abstract level
- E-Books

WAMP Server

- WAMP Server is a web development platform on Windows allowing you to create dynamic web applications with Apache2, PHP and MySQL

Services

- VTU Old Scanned question Papers
- Library Home Page
- NPTEL (National Programme on Technology Enhanced Learning)