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.

\[
\text{IT INFRASTRUCTURE}
\]

IT Systems

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<tr>
<td>Operating Systems</td>
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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)