SXC Library – An Automated Learning Resource
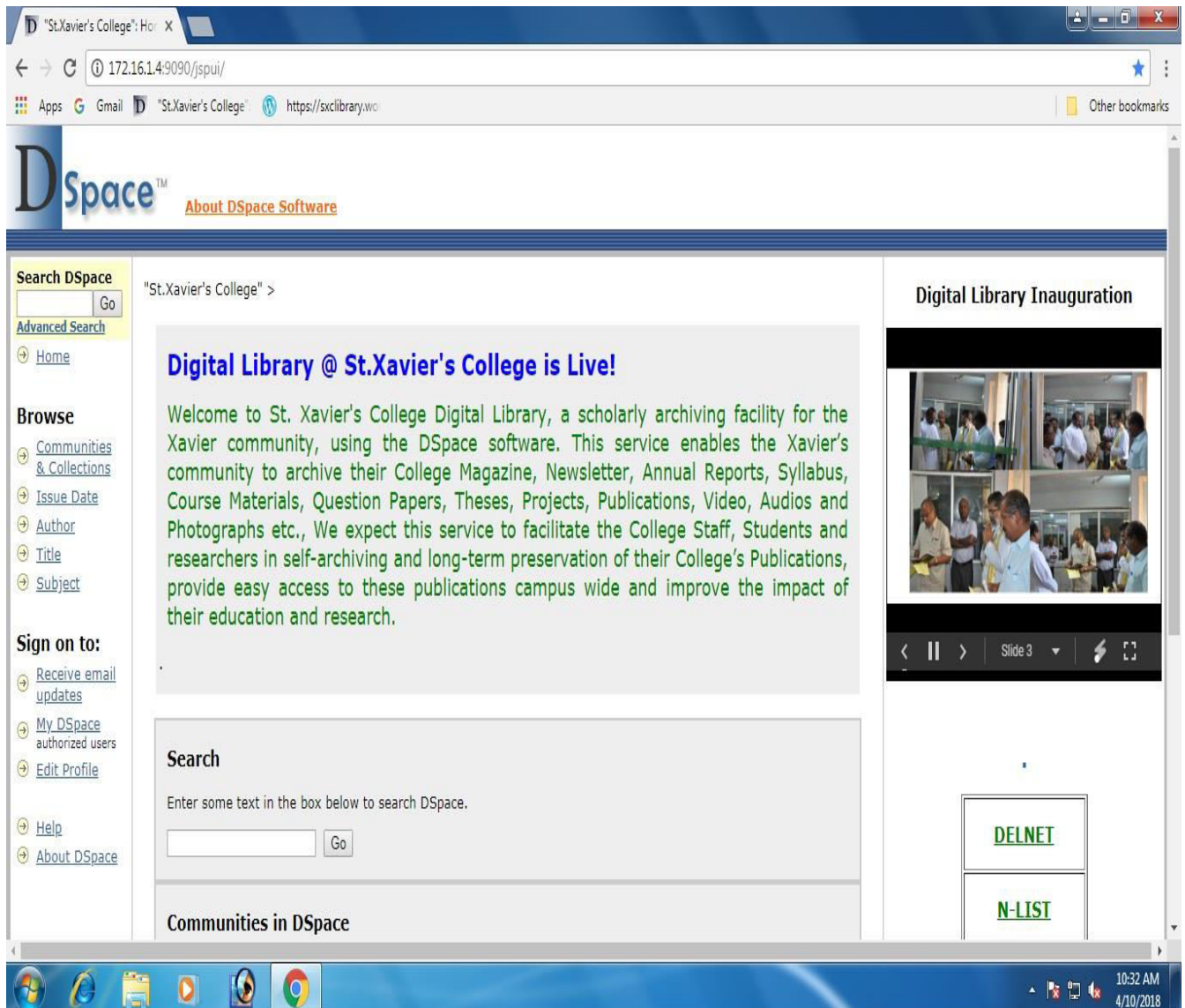
<u>Web Link:</u> **www.stxavierstn.edu.in/library.php**

SXC Digital Library Home Page

172.16.1.4:9090/jspui/

provide easy access to these publications campus wide and improve the impact of their education and research.

.

Sign on to:

Receive email updates

My DSpace
authorized users

Edit Profile

Help

About DSpace

◄ II ›   Slide 1 ▼   ⚡ ⌐⌐

.

DELNET

N-LIST

E-Books

DOAJ

DOAB

Ph.D THESES

E-Learning

Search

Enter some text in the box below to search DSpace.

[_____] Go

Communities in DSpace

Choose a community to browse its collections.

1. OUR COLLEGE

2. SEMESTER QUESTION PAPERS

3. E - COLLECTIONS

4. NEW ARRIVALS

5. NON BOOKS COLLECTION

6. RESEARCH WORKS AND COLLECTIONS

7. SEMINARS & CONFERENCES

8. RARE BOOKS COLLECTIONS

9. OTHERS

2:11 PM
4/10/2018

Information about the Software

About the AutoLib Software

- Fully integrated multi-user Software on Windows Environment
- Designed to automate various activities of
  - University Libraries
  - College Libraries
  - R & D Libraries
  - Public Libraries
  - Special Libraries/School Libraries
- Handle lakhs of records
- Module based
- Complete Solution for Library Automation & Management

The Team

Designed and developed by a Team of
- Library and Information Specialists
- System Analysts
- Software Professionals
- Network Specialists
- Database Designers

Salient Features

- User Friendly
- GUI Environment
- Based on Client Server Architecture
- Visual Basic 6.0 as front end
- MS-SQL V.7.0 RDBMS as Back End
- MS-Access V.2000 as Back End
- Using TSQL Query Language
- Module level Security

Salient Features

- Z39.50 Protocol Support
- Export/Import of data in ISO 2709 format
- Cataloguing DIGITAL LIBRARY resources
- Implementation of AACR, CCF, Dublin Core
- TCP/IP and Dial-up Network support
- Web based reports
- Using TSQL Query Language
- Module level Security

Other Features

- Menu based operations
- Incorporated Mandatory Fields of CCF
- Powerful Search Facility/Query Builder
- Printing Various Reports into several format
- Data Entry made simple
- User ID and Password protection
- Online Help /Documentation
- WEB Enabled
- Continuous Product Upgradation
- Customer Support & Maintenance
- Interface to Barcode System

Hardware & Software Requirements

Server configuration

- Pentium II/III
- 64 MB RAM/4.2 GB HD
- 32x CD-Drive/1.44 FDD
- Network accessories
- SVGA Monitor
- Windows NT Server 4.0 and SQL Server 7.0

Client Configuration

- Pentium II with 32 MB RAM/4.2 GB HD
- Windows NT workstation/Windows 95

MODULES

1. Database Management – Cataloguing
2. Search OPAC/Advanced OPAC
3. Transaction (Circulation) Management
4. Book Ordering/Acquisition Control
5. Journal /Serial Control
6. System Administration
7. Report Management
8. Article Indexing
9. Digital Library
10. Web OPAC Module

1. Database Management

Data Entry/Updation of Database

- User, Author, Publisher, Supplier
- Member
- Book
- Journal /Issue/Back Volume/Article
- Report, Thesis, Standard
- Non-Book Materials
- Budget
- Subject, Department
- Others

Book Master

AUTOLIB

Book Master

Main Entry | Additional Information | KeyWord / Abstract | Remarks

Access No.	5871	Call No.	621.3815	Recd. Date	12-Apr-2001
Author	MATHUR SATNAM P, KULSHRESHTHA CURDESH C, CHADHA PREM R
Title	ELECTRONIC DEVICES APPLICATIONS & INTEGRATED CIRCUITS
Corp. Author	
Serl. Title	
Serl. Author	
Copies	1	UG/PG	UG	Availability	YES
Location	Rack 5

New | Save | Delete | Close

Developed By - AutoLib Software Systems, Chennai

Journal Master

AUTOLIB

Journal Master

Code	4	Name	Journal of Ocean Engineering
Publisher	ADDISON WESLEY
Frequency	QUARTERLY
ISSN	3456	Type	PAYMENT
Country	USA	Deli. Mode	AIR MAIL
Dept	Geography	Subject	CIVIL
Remarks	Quarterly Journal

New | Save | Delete | Close

Developed By - AutoLib Software Systems, Chennai

Member Master

AUTOLIB

Member Master

Code	T03	Name	ThiruKuamaran
Designation	Staff	Department	CSE
Group	Professors	Course	Comp
Birth Date	03-Feb-1975	Sex	Male	Deposit	100
Enroll Date	03-Feb-2001	Expiry Date	06-Feb-2002

Address

Add	12 Vepuerithuppu Street	Sathya Nagar Extn
City	Madras	State	Tamilnadu	Pin	600 024
Phone	2435812	EMail	kumaran@usa.net
Remarks	

New | Save | Delete | Close

Developed By - AutoLib Software Systems, Chennai

---

2. Search - OPAC

AUTOLIB

- Powerful and versatile Search Facility
- Simple search for beginners
- Query Builders for Advanced Users
- Query Windows for Complicated search
- Boolean search
- Field level search
- Single Field/Multiple Fields
  - Author / Title / Keyword / Subject
  - Accession No / Classification
  - Journal Name / Article Name etc

Simple Search

Advanced Search

3. Circulation - Transaction

1. **Issue, Return, Renewal of Books, Journals, Backvolumes**
2. **Recall, Reservation, Reservation Cancellation**
3. **Reminders**
4. **Reports**
   - **Books, Journals, Backvolums - Issued**
   - **Books, Journals, Backvolums - Returned**
   - **Fine Amount Collected**
   - **Fine Receipt**
   - **For a particular period**

Counter Interface

4. Serial Control (Journal)

- Subscription of New Journals
- Renewal of Journals
- Receipts of New Issues
- Reminders for missing issues
- Invoice Processing
- Payments
- Browsing Issues
- Reports Generation

5. Acquisition Control

- Duplicate Checking
- Indent Processing for new books
- Book Ordering
- Reminders
- Receipts of Books
- Invoice Processing
- Payment
- Budget Management

6. System Administration Module

- User ID & Encrypted Password Protection.
  Module Level Security
- Budget Management
- Stock Verification
- Global Updation
- Fixing Duedates, Overdue Charges etc.
- Eligibility Holiday Maintenance

7. Reports

- New Additions, Catalogue (Main/Author/Title)
- Accession Register/Bibliography
- List of books by Author/Title/Publisher/Year
  Subject/Call Number (by any order)
- Books by Unique Titles, Frequently issued books
- Books by – Subject wise
- Frequently Accessed Books
- Books Issued/Returned/Reserved/Reminder
- Receipt for Fine Amount/Deposit/Loss of Book, etc
- List (User/Publisher/Supplier/Departments)
- No-Due certificates
- Stock verification Report
- Budget Details, Orders
- Journal List (Indian/Foreign/Payment/Gratis/Exch
- Journal Subscription /Order Report/Missing Issues

8. Article Indexing

- Allows to create Journal Article database
- Allows to create author index and keyword index
- Allows to search and retrieve journal articles
- Allows to create index and abstracts
- Allows to publish CAS bulletin
- Allows to generate contents pages

9. Digital Library Module

- Allows to catalogue multimedia digital resources as
  - Text
  - Images
  - Audio file
  - Video clippings, etc
- Allows to catalogue based on Dublin Core standard
- Allows to handle various file formats such as
- .bmp, .jpeg,. pdf, .doc, .avi, .dat ,etc

10. WEB Module

Searching of Books, Journal Articles databases etc using Internet Explorer.
  Simple Search, Advanced Search
  Online Reservation
  Issue Details
  User statistics
  New Additions etc..
Access In LAN/Intranet/Internet environment.
Remote Access through Dialup Network

Important Installations

- Loyola College, Chennai
- Sri Venkateswara Engineering College, Chennai
- Madras Management Association, Chennai
- District Central Lib– Salem, Tirunelveli, Tiruchi
- Asian College of Journalism, Chennai
- Stella Maris College, Chennai
- Rajagiri College of Social Science, Cochin, Kerala
- N.B.K.R Institute of Science & Technology, A.P
- AICUF, Chennai
- Madurai Kamaraj University, Madurai
- MOP Vaishnav College for Women, Chennai
- Institute for Financial Management and Research
- Meenakshiamman College of Engineering
- CSIR Madras Complex Library (R&D Library)

Important Installations

- Meenakshi College of Engineering, Uhtiramerur
- Gurnanak College, Chennai
- District Central Library (Madurai & Chennai)
- State Planning Commission Library, Chennai
- CSI College of Engineering, Ooty.
- Madras School of Social works, Chennai
- ICMR, Chennai
- Gandhi Nagar Glub Library, Adayar, Chennai.
- PEC (Pondicheery Engineering College Library.
- Sri Muthukumaran Institute of Technology
- Govt Law College, Chennai
- St. Peter's Engineering College, Chennai
- St. Xaviers College, Tirunelveli

Important Installations

- Technical Teachers Training Institute, Chennai
- Standard Fire Works Rajaratinam Women's College, Sivakasi
- Structural Engineering Research Centre, Chennai
- National Institute of Ocean Technology, Chennai
- Irrigation and Management Training Institute, Trichy
- Loyola Institute of Business Administration, Chennai
- A.V.C. College of Engineering, Mayiladuthurai
- Ayyanadar Janaki Ammal College, Sivakasi

Salient Features of Library Management Software

- Easy to use /data entry made simple
- Handle huge amount of records more efficiently
- GUI interface/ Client/server architecture
- Powerful search (Boolean Query Builder) facility
- Allows networking of libraries for sharing resources and exchange of data
- Export and import of data as per ISO 2709
- Tracking users movement in the library
- Interface to barcode scanners/printers/data capturing unit/smart card/bio-metrics
- Online stock verification support
- Auto due reminder to users mailbox/E-mail
- Transaction alerts through SMS
- Online help/user manual
- User ID and password for various menus
- Database security/backup and recovery
- Adequate training/periodical product up gradation/customization/ customer support

STANDARD MODULES

1. Database Management - Cataloguing
 This module allows creating, update/edit and maintaining the following databases.
- Books, Book- Bank, Thesis, Proceedings, Standards, Conference Proceedings- Reports, Patents, etc.
- Journal- Issues, Articles, Bound Volumes
- Non-book materials/ CD, Video/Audio tapes, Microfilm, Microfiche, News paper clippings
- Members, Departments , Courses, Groups
- E-Books - Digital Content
- Authority List - Authors, Publishers, Suppliers, Subjects, Keywords

2. Search (Online Public Access Catalogue)
This module is designed to search all the above databases using important fields and print the search results in any desired format/order. This module has:
i. Simple Search -(for beginners)- to search the database using important fields such as Accession Number, Call Number, Author, Title, Edition, Year, Publisher, Subject, Keywords, Department, Availability, etc.
ii. Advanced Query Builder (for experienced users) – to search the database by selecting the desired field(s),criteria for search (starting with, anywhere(like), truncation, word), Boolean Operators(AND, OR, NOT) and sorting order from a list of fields and printing in various formats
iii. Restricted Search – to search letter by letter

3. Circulation Management Transaction

This module is designed for all types of counter transactions (for all documents types) such as:

- Issue/Renewal /Return/Recall
- Reservation / Reservation Cancel
- Reminders/Overdue receipt/No-due certificate
- Overdue reports (based on many criteria)
- Statistics/Reports for all counter transactions (daily/weekly/monthly/between specific dates)

4. Report Management

This module is designed to generate and print a large number of reports such as: List of books by author, title, unique titles publisher, supplier, call number, subject, dept, accession number, date, book type and list of journals/publishers/suppliers/members, etc. It also allows to print accession register, catalogues, amount spent by type of documents/depts/subjects and bibliographic reports. All types of statistics/reports for the management can be generated for AICTE/NBA,UGC/NAAC, IMC.

5. System Administration

This module allows to:

- Create new user log-in, password and grant rights to access various modules
- Create group master – to set due date, allowed cards for different documents for different groups of users globally
- Set over due charge at various stages/holiday
- Maintain budget master
- Back-up, export and import of data
- Update database globally using various fields
- Generate charts

B. ADVANCED MODULES

6. Serial Control System -(Journals)

This module is designed to automate various activities involved in subscription of Journals.
Features

- Creation and maintenance of journal master
- Enquiry and approval of journals
- Subscription /renewal of journals
- Invoice processing, payment
- Receipt of issues and entry (like Kardex)
- Claiming missing issues/replacement
- Browsing/searching issues
- Bound volumes , bindery management, etc

7. Article Indexing
This module allows to create and maintain journal articles database. It also allows to search and retrieve data based on several fields/criteria.

8. Question Banks
This modules allows to create and maintain question banks and retrieve questions

9. Online Stock Verification
This module allows for online stock verification of library resources using Barcode Scanner, Data Capturing Unit and generate reports of books such as - missing, lost, issued, binding, transferred condemned, available, etc.

10. Student Gate Entry Register
To monitor the usage of Library resources by students, faculty and others

C. WEB Modules
11. Web Library
This module allows to search various databases using browsers (such as Internet Explorer) on LAN/Intranet/Internet environment using WEB servers.:
i. Simple Search
ii. Advanced Search (Query Builder),
iii Dictionary based search modules

Other features:
User Statistics/Online Reservation/Online Research Diary, User Profile Management, etc

12. Web Counter Reports - This module is designed to generate many counter transactions reports such as issue/return of books (daily/weekly) and based on several criteria.

13. E-Resources Linking
This module allows to link various e-resources on the web with details

4.2.1

<u>BOOK UPDATION</u>

ST.Xavier's college (Autonomous)
Palayamkottai - 627 002.

Book Master

| Main Entry | Additional Information | KeyWord / Notes | Other Information |

Accn No. 124215 **V** Call No. 658/SB   Recd. Date 29-Mar-2019

Author Sankaran S.Dr   **V** AUTHOR

Title Business Ethics & Values

Corp. Author

Seri. Title

Seri. Author

Copies 1   Course UG   Availability YES

Location

New   Save   Delete   Clear   Close   Set Author Priority

DAILY TRANSACTIONS

Daily Transactions   _ □ X

Transaction Selection

⦿ Issue ○ Return ○ Renew ○ Reserve ○ Res.Reminder ○ Due Reminder ○ Fine

Member List [▼]

Access No [   ]

Resource Type [ALL   ▼]

Date of Transaction

From [04- Apr -2019 ▼] To [05- Apr -2019 ▼]

[Print] [Close]

Result of the query search report

ST.Xaviers college (Autonomous)
Palayamkottai - 627 002

ISSUE Report

From 04/04/2019 **To** 05/04/2019   **Date:** 05/04/2019

S.No	User Id	Acc No	Title	Issue Date	Due Date	Return
1	17BOT07	100967	Bioinformatics	04/04/2019	15/04/2019	Not Yet Returned
2	17bot17	100973	Bioinformatics	04/04/2019	15/04/2019	Not Yet Returned
3	18bot25	101041	Bioinformatics	04/04/2019	15/04/2019	Not Yet Returned
4	18bot13	101342	Molecular biology	04/04/2019	15/04/2019	Not Yet Returned
5	17bot17	101555	Fundamentals of Molecular Biology	04/04/2019	15/04/2019	Not Yet Returned
6	17MAT22	101982	Statistics	04/04/2019	15/04/2019	Not Yet Returned
7	18PGB07	103708	Research Methodology	04/04/2019	15/04/2019	Not Yet Returned
8	18phy28	103873	Introduction to Graph Theory	04/04/2019	15/04/2019	Not Yet Returned
9	17mae51	104369	Statistics	04/04/2019	15/04/2019	Not Yet Returned
10	18phy07	105753	The Time Machine	04/04/2019	15/04/2019	Not Yet Returned
11	18CSC38	105822	Object oriented programming with c++	04/04/2019	15/04/2019	Not Yet Returned

Simple Search :

Gate Register (Screen shot)

Counter Service (Screen shot)

STUDENTS OPAC & WEB OPAC (Screen shot)

It is the search result of a word Genetics

Books(634)   Cds(5)

☐ **AACR Format**

Cart	Title	Author	Location	Call_No	Acc.No	Status	Ty
☐	Biotechnology - I cell biology and genetics	Sreekrishna V		588.1/SB	101321	Available	B(
☐	Principles of genetics	Gardner et al.		587/GSP	101327	Available	B(
☐	Genetics	Singh B D		587/SG	101534	Available	B(
☐	Genetics	Singh B D		587/SG	101535	Available	B(
☐	Cell biology, genetics, molecular biology, evolution and ecology	Verma P S Agarwal V K		587/VAC	101538	Available	B(
☐	Genetics (9th Revised edition)	Verma P S; Agarwal V K		587/VAG	101539	Available	B(
☐	Principles of Genetics	Eldon John Gardner et al.		575/GP	102121	TRANSFERED	B(
☐	Principles of Genetics	Eldon John Gardner et al.		575/GP	102122	TRANSFERED	B(
☐	Principles of Genetics	Eldon John Gardner et al.		575/GP	102123	TRANSFERED	B(
☐	Microbial Genetics-II	Stanley R Maloy et al.		587/SM	102204	Available	B(
☐	Genetics Biometrics & Bioinformatics	Arumugam N et al.		580.1/MG	102276	Available	B(