



4.2.1 B Library is automated using Integrated Library Management System (ILMS)

Library Software :-

LGNSCOE has a well-stocked library having collection of Books, National and International Print Journal and E-Resource. The Library maintains a separate reference collection consisting of encyclopedias, dictionaries, PhD thesis, and handbooks. Books are classified according to the Dewey Decimal Classification Scheme. Library is automated using Autolib Software from 2009 onwards. Library is automated with Barcode Technology for circulation and patron's entry. Library is functioning using various modules like Acquisition, Circulation, Accession, Serial Control, Indexing, Member Info, etc. Library has excellent infrastructure to meet its requirements, all its operations are computerized using upgraded software 'Autolib NG' 2016 and provides access to the collection through Web OPAC.

Library is functioning using various modules:

Cataloguing & Acquisition System - This module is used to add catalogue entries, to view monthly accession register entries, to browse by title, by author, by subject, by classification number etc. Reports related to cataloguing are generated like accession register, title with copies, year wise accession etc.

Circulation System - This module is used for daily transactions. It has books issue, return and reserve options. Barcode technology is used for issue/return. It is possible to set different rules for different users in this module. Book Bank facility is given to the students. Lending policy for Book Bank facility is different and it is maintained through circulation module. Various reports such as borrower wise loan, accession no. wise loan, overdue loans, item inventory status, circulation status summary, item transactions and operator wise transactions can be generated in this module. Barcode, spine labels are generated through this module making library work effective and efficient.

Serial Control System - This module is used to maintain the record of print journals to trace subscribed issue in the library. Expected arrival of issue can be generated. Reports like recent issues, issues not received and renewal subscription are generated through this module.





Web OPAC: Online Public Access Catalogue facility is available to students and faculties wherein they can access the Library catalogue from their desks. Library collection can be searched through OPAC.

The Institute's library is a knowledge repository. It has collection of books, journals, newspapers, magazines, project reports etc. It has digital library facility where students can access e-resources like DELNET. Remote access facility is also provided to the students. It has collection of e-books. Institute is a member of NDL.

The library has a spacious reading hall. Library provides various services to the users like Circulation, Book Bank Facility, Reference Service for Syllabus, Old Question Papers, e-Library Facility & Online Public Access Catalogue, etc. Automation of library has made it an efficient and effective learning resource center.

Integrated Library Management System (ILMS):

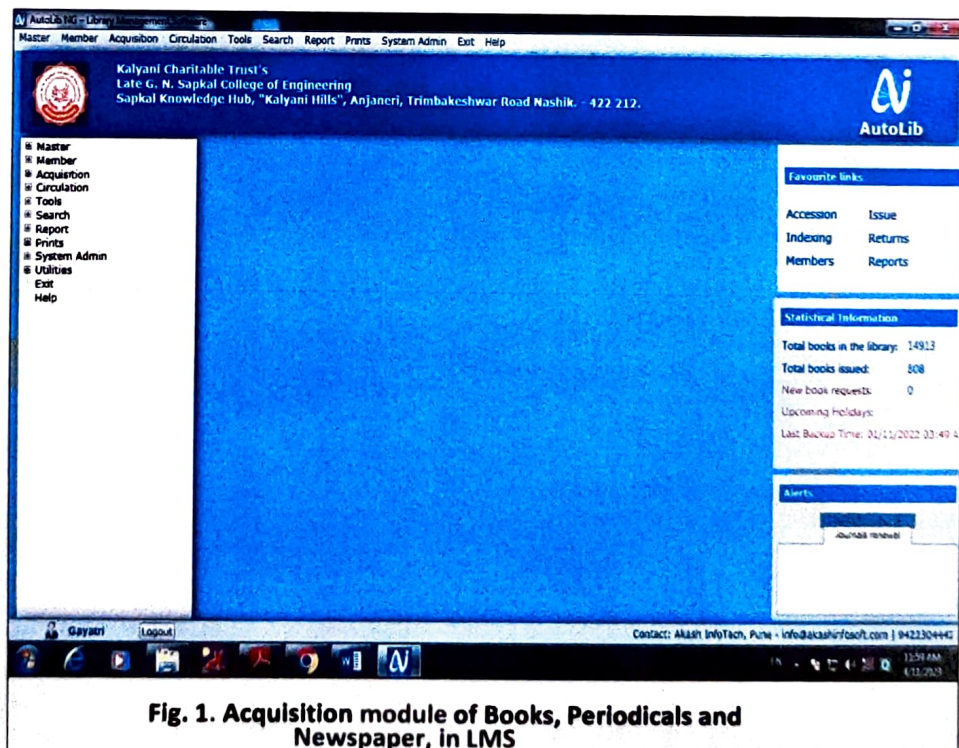


Fig. 1. Acquisition module of Books, Periodicals and Newspaper, in LMS





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Fig.2. Accessioning Module of Books in Library Management Software

Fig.3. Approval Module of Reading Materials in LMS





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Fig. 4. Article Indexing Module in LMS

Fig. 5. News Paper Daily Entry Module in LMS





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The screenshot shows the 'SerialControl' window in the library management software. The window title is 'SerialControl'. It features a menu bar with 'Add', 'Edit', 'Delete', and 'Exit' options. Below the menu bar, there is a 'Series / Institute:' dropdown menu. The main area contains 'Journal Details' with the following fields: 'Journal No:', 'Journal Country:' (with radio buttons for 'Indian' and 'Foreign'), 'Type Of Journal:', 'Journal Subtype:', 'Journal Name:', 'Language:', 'Department:', 'Vendor Name:', 'Periodicity:', 'ISSN:', 'Subject:', 'Publication:', 'Periodical Status:', 'Subscription No:', and 'Is Complementary:'.

Fig. 6. Periodicals Indexing Module in LMS

The screenshot shows the 'Purchase order' window in the library management software. The window title is 'Purchase order'. It features a menu bar with 'Add', 'Edit', 'Search', 'Save', 'Delete', 'Cancel', and 'Exit' options. Below the menu bar, there are fields for 'PO date:', 'Quantity:', 'Discount:', 'Advance:', 'Supplier:', 'SubTotal:', 'Total tax %:', and 'Grand total:'. At the bottom, there is a table with columns: 'Approval no.', 'Title', 'Editor', 'Publication', 'Edition', and 'ApprovedDate'.

Fig. 7. Purchase order Module in LMS



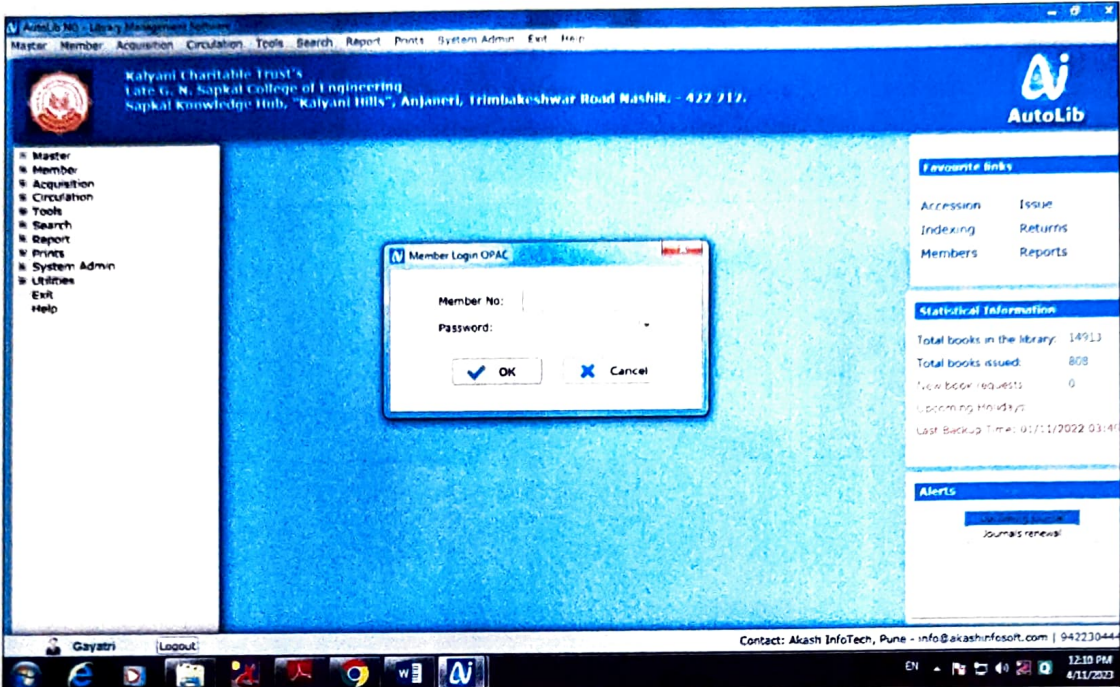


Fig.8. Request of Book by faculty and student in LMS

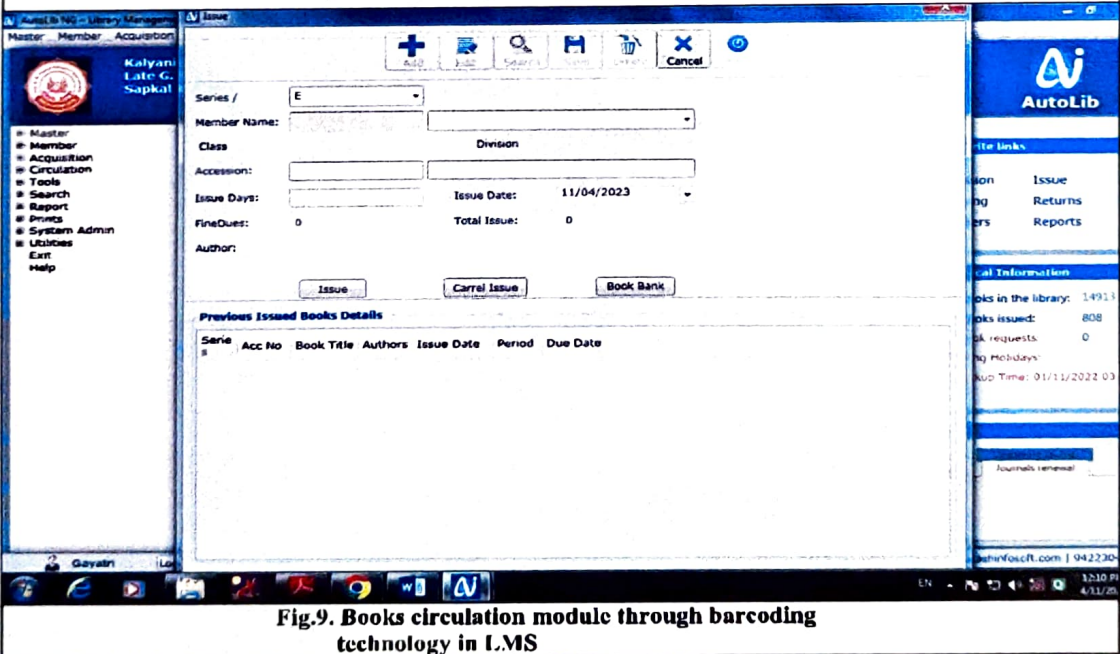


Fig.9. Books circulation module through barcoding technology in LMS





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Fig.10. Barcode Issue Return Module in LMS

Fig.11. Circulation (Books Return/Re-Issue) Module in LMS



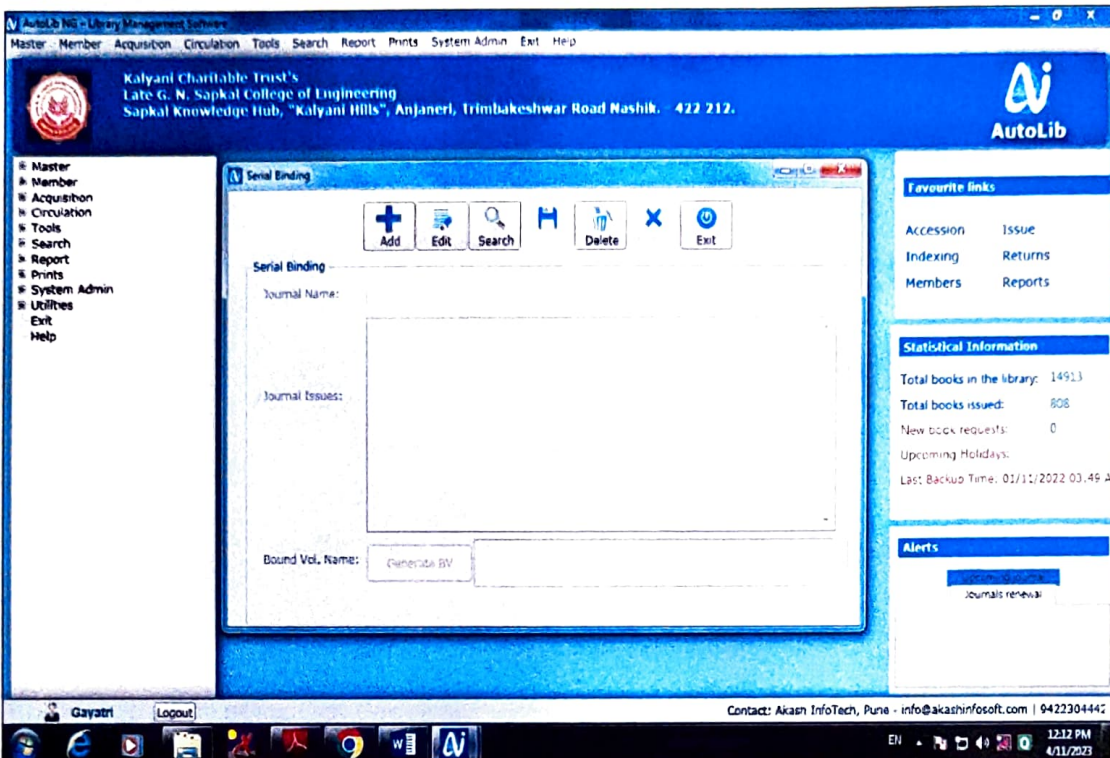


Fig.12. Book Binding Request Module in LMS

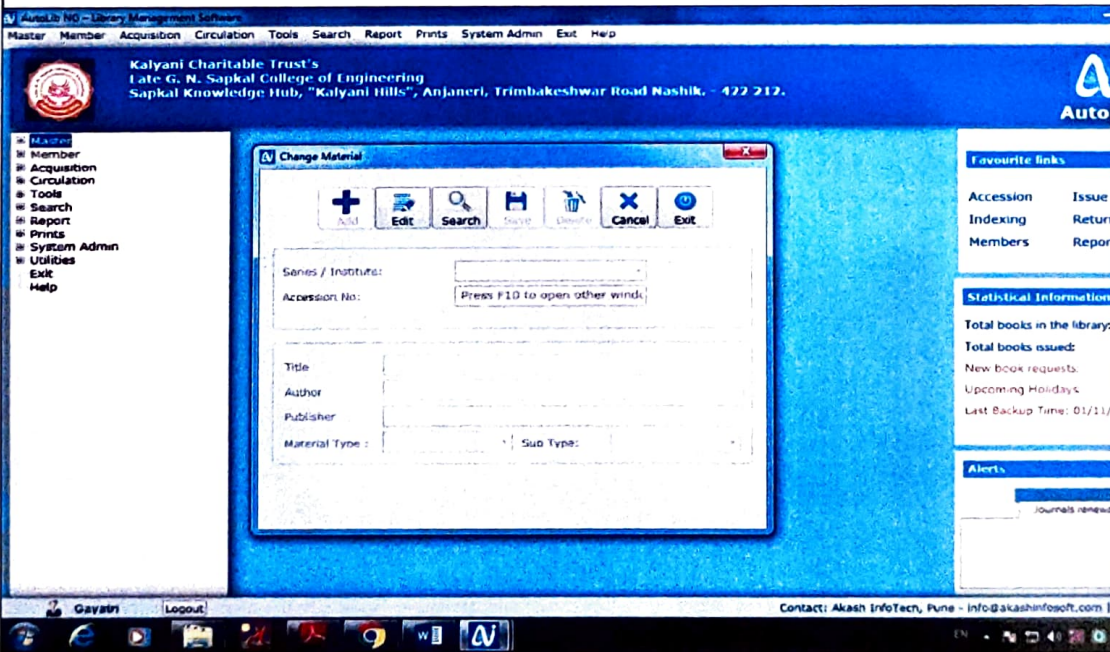


Fig.13. Change Material & Sub Material Module in LMS





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AutoLib NG - Library Management Software

Master Member Acquisition Circulation Tools Search Report Prints System Admin Exit Help

Kalyani Charitable Trust's
Late G. N. Sapkal College of Engineering
Sapkal Knowledge Hub, "Kalyani Hills", Anjaneri, Trimbakeshwar Road Nashik. - 422 212.

AutoLib

Master
Member
Acquisition
Circulation
Tools
Search
Report
Prints
System Admin
Utilities
Exit
Help

Holiday

From Date: 11/04/2023 To: 11/04/2023

Reason:

Total Holiday:

From Date	To Date	Description	Total Holidays

Favorite links
Accession Issue
Indexing Returns
Members Reports

Statistical Information
Total books in the library: 143
Total books issued: 808
New book requests: 0
Upcoming holidays:
Last Backup Time: 01/11/2022

Alerts
Journal Renewal

Gayatri Logout Contact: Akash InfoTech, Pune - info@akashinfosoft.com | 94222

Fig.14. Holiday Entry Module in LMS

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Auto

Master
College Master
Institute Info
Series Mapping
Master Entries
Material type
Serial type
Supplier
Holiday
Budget Master
Budgets Amount
Accession
Serial Control
Serial Control Renewal
News Paper
Project Reports
TimeSlot
Member
Acquisition
Circulation
Tools
Search
Report
Prints
System Admin
Utilities
Exit
Help

Favorite links
Accession Issue
Indexing Return
Members Report

Statistical Information
Total books in the library:
Total books issued:
New book requests:
Upcoming Holidays:
Last Backup Time: 01/11/

Alerts
Journal Renewal

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Fig.15. Master Entry for Status of Books Module in LMS





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Book Sub Type	Issue	Max Issuable	Fine Sisd
Book - Text Book	0		
Book - Reference Book	0		
CD - Periodical cd	0		
CD - Book Cd	0		
Book - Others	0		
Book - General Ref. Book	0		

Fig.16. Member Category Entry Master Module in LMS

Sr.No	Week Day	Amount	No Of Copies
1	Sunday	0	1
2	Monday	0	1
3	Tuesday	0	1
4	Wednesday	0	1
5	Thursday	0	1
6	Friday	0	1
7	Saturday	0	1

Fig.17. News Paper and Magazine Entry Master Module in LMS



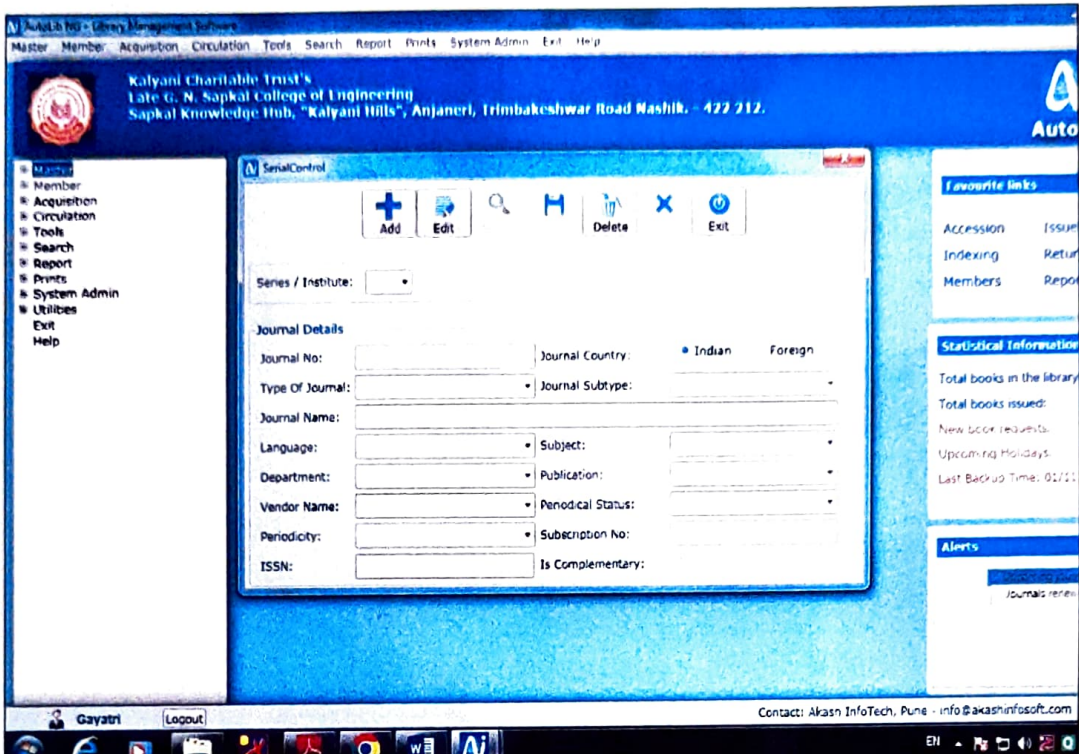


Fig.18. Serial Master Module in LMS

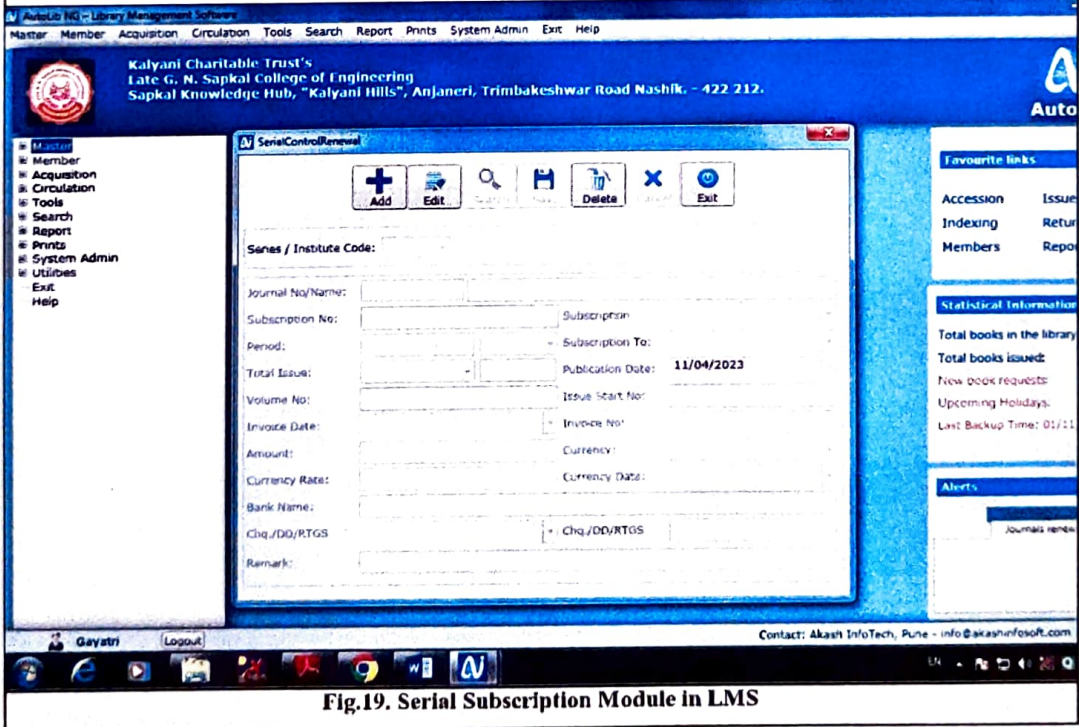


Fig.19. Serial Subscription Module in LMS





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The screenshot shows the 'Serial Type' entry master module in the LMS. The window title is 'Serial Type'. It features a toolbar with 'Add', 'Edit', 'Delete', 'Cancel', and 'Exit' buttons. The main area is divided into two columns: 'Serial Type' and 'Serial Sub Type'. The 'Serial Type' column contains a text box with 'English' and a 'Search' button. The 'Serial Sub Type' column contains a list box with 'Journal', 'Magazine', and 'Periodical'. The background shows the LMS interface with a menu on the left and a sidebar on the right.

Fig.20. Serial Type Sub Type Entry Master Module in LMS

The screenshot shows the 'Stock Checking' master module in the LMS. The window title is 'Stock Checking'. It features a toolbar with 'Initiate', 'Refresh', and 'Exit' buttons. The main area contains a form with fields for 'Year', 'Term', 'Institute Code', 'Accession No.', 'Title', 'Author', 'Publication', 'Edition', 'Stock Status', and 'Rack'. A 'Summary' table is displayed on the right side of the form. The table has two columns: 'Status' and 'Total Count'. The data in the table is as follows:

Status	Total Count
ISSUED	808
ON SHELF	14105

At the bottom of the form, there are fields for 'Accession No.' and 'Barcode', and buttons for 'Browse' and 'Import'. The background shows the LMS interface with a menu on the left and a sidebar on the right.

Fig.21. Stock Verification Start/Stop Master Module in LMS





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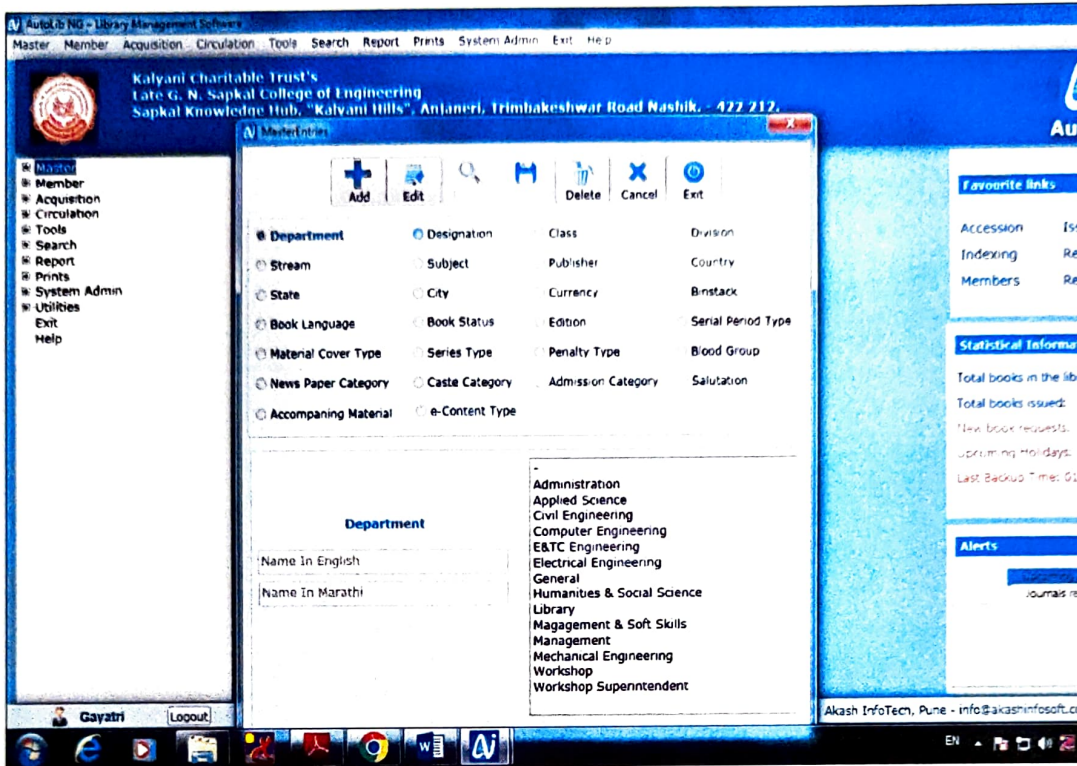


Fig.22. Vender/Publisher/Binder Master Module in LMS

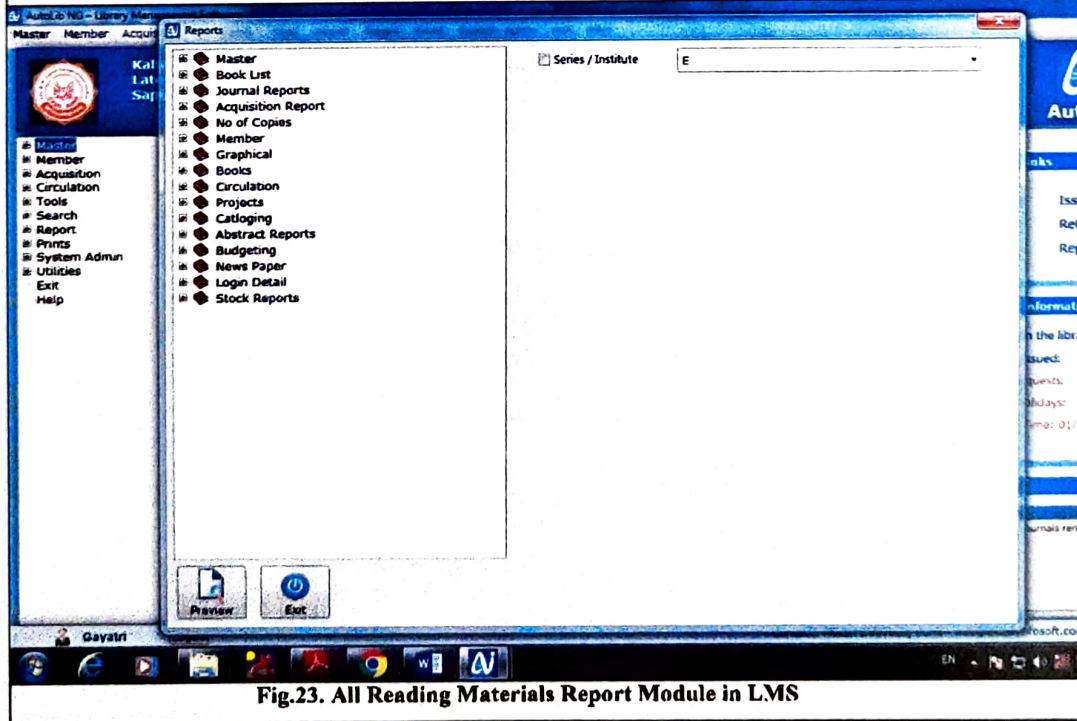


Fig.23. All Reading Materials Report Module in LMS



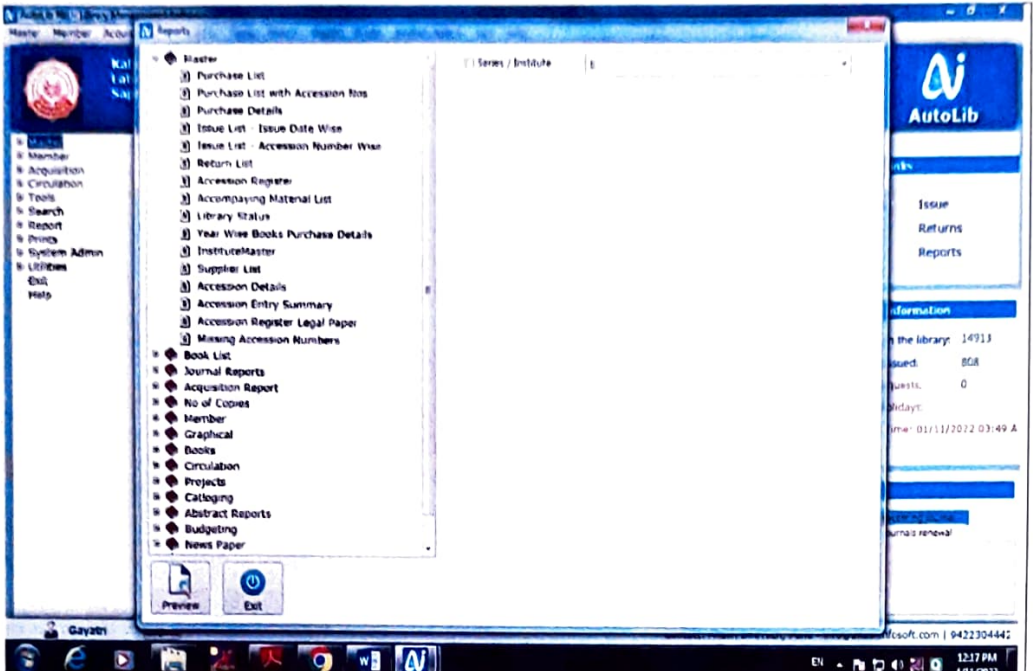


Fig.24. Report of Book Accession Register Module in LMS

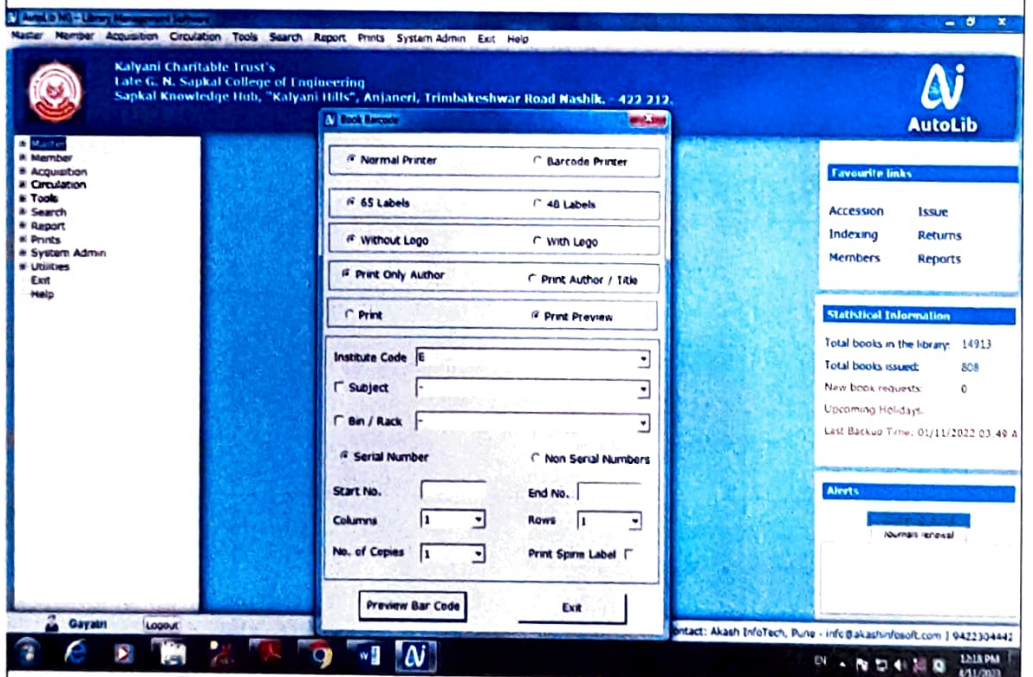


Fig.25. Bar code spine & spine Labels of Books Generate in LMS



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