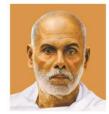


LIBRARY RESOURCES



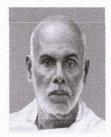




LIST OF BOOKS AND VOLUMES



Sree Narayana Guru College of Engineering & Technology



CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307

DEPARTMENT WISE BOOKS VOLUME

NUM	BER OF LIBRARY	BOOK	S AVAILABLE	ON 05/02/2024
BRANCH			TITLES	VOLUMES
СЕ			689	3129
ME			1164	4335
EEE			889	2979
ECE			1108	3684
CSE			1310	4087
SCIENCE			1449	4061
TOTAL			6609	22275
	NUMBER OF .	JOUR	NALS AVAILAB	BLE
BRANCH	NATIONAL	INTERNATIONAL		L E JOURNALS
СЕ	1	1		115
ME	0	2		40
EEE	2	1		51
ECE	0	2		41
CSE	0	2		160
TOTAL	3	8		407

Library Is Automated With Book magic Software

- 1. Library Has 4350 E-books
- 2. SNGCET Is An Institutional Member Of DELNET (Im-9376)
- 3. Institution Is Registered In NDLI Club

4. NPTEL facility is available in the library has reprographic, scanning & printing facilities





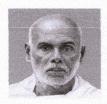


Details of Online Public Access Catalogue (OPAC)



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Sree Narayana Guru College of Engineering & Technology



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DETAILS OF ONLINE PUBLIC ACCESS CATALOGUE

Library uses Book Magic Software Online Public Access Catalogue for book Search. Books can be searched by using ten different search options mentioned as Title, Author, Accession Number, Subject, Topic, Call Number, Key word, Publisher, ISBN and Series.

DETAILS OF OPAC

Library follows an open access system with an OPAC search facility. All the members have direct access to stacks for selecting books. Through Book Magic ILMS software OPAC, members can search books using different options like Title, Author etc

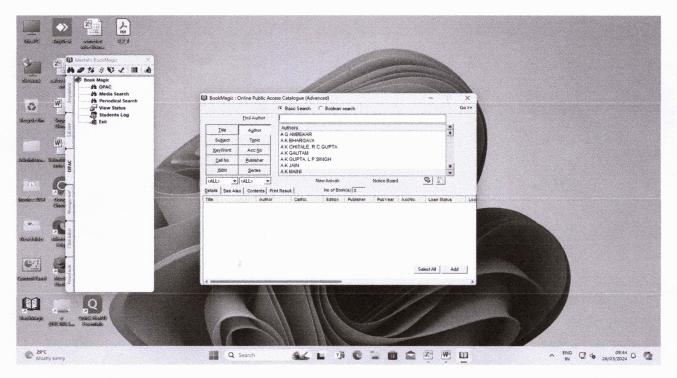


Fig 1 Searching of books using BOOK MAGIC ILMS SOFTWARE OPAC

SPECIFICATION OF LIBRARY AUTOMATION SOFTWARE

A.Desktop Application and Web Applications

- 1. Modules
- 1. Database/Technical processing/Cataloguing module
- 2. Circulation/Counter transaction /Issue and return module
- 3. Acquisition control module
- 4. Serial control module
- 5. Administration module
- 6. OPAC (search) module
- 7. Reports module
- 8. Article indexing module
- 9. Digital library resources cataloguing module
- 10. Technical Information Specification

B. Client Server Application

- 1. Front End Microsoft Visual Basic
- 2. Back End Microsoft SQL Server 7.0 and Above
- 3. Version Multi-user, LAN
- 4. User/Client License 5 users (Client can increase the license)

C. Online Application (BookMagic Web Edition and Web OPAC)

- 1. Front End Microsoft ASP.Net, C#
- 2. Back End Microsoft SQL Server 2005 and Above
- 3. User/Client License Unlimited user

D. Highlights of Library Automation Software

- 1. Client Server and Online versions available
- 2. Fully Integrated, multi-user, user friendly, versatile
- 3. Facility for importing and exporting records in MARC 21 format

4. Supports Z39.50 protocol for searching and retrieving information from remote computer databases.

5. Export and import of data in ISO 2709 format using MARC tags

6. Integrated with RFID, Interface to barcode devices such as scanners, printers and data capturing unit.

7. Able to generate and print bar code labels and members.

8. Support TCP/IP protocol for networking

9. Web based and multi-user interface for OPAC

10. Web module can be used to search on the internet/intranet (for Client Server Version)

11. Latest IT/Web tools and techniques

12. Handle more than 1000,000 of records easily

13. Instant retrieval of data

14. Concurrent access of data by many users

15. Online stock verification support

16. search facility including Key word search, logical search and sounding word search

17. Search the library services on the campus intranet using browsers

18. Cataloguing per international standards

19. Display of records in international formats like MARC

20. Easy, flexible and efficient circulation system

21. Overdue reminder

22. Easy recording of data

23. Cataloguing the digital resources as per international standard of Dublin Core Standard

24. Separate database creation and maintenance for books, book banks, journal articles,

back volumes, thesis, reports, standard codes, non-book materials etc.

25. Book ordering and serial control/tracking the stock right from identification of book or item to ordering, receipts and payments etc.

26. Provisions for changing semesters, year-outs, pass outs, issuing of NLC etc.

27. Daily statistics report for the Librarian regarding all the events in the library of sorting and printing various reports in any desired order and export into different file formats like word, excel and HTML etc.

28. Able to generate more than 300 reports

29. Complete transaction reports from web counter

30. Global update of field values, due date, cards etc.,

31. Flexible in fixing due date, overdue charge eligible cards etc.,

32. Database security, automatic or manual backup and recovery, export and import

33. Able to browse scanned contents, pages of journal issues/books with respective records.

34. Create, edit, update, maintain etc. the database such as book, thesis, proceedings, standards, reports, journals, journal issues, journal articles, back volumes, non-book materials, patents, newspaper clippings, images, authors, publishers, suppliers, subjects, members, departments, courses, groups etc.

35. All types of counter transactions for books, book bank books, journal issues, back volumes, standards, reports thesis, non-books etc., such as issue, return renewal, recall, reservation, reservation cancel, reminders, overdue reports, receipts, non liability certificates, generating and printing interface to barcode systems etc.

36. Book ordering and processing such as checking for duplicates, indent, proposal, approval, processing, receipt of documents and invoice processing, order follow up, payment, budget control, transfer the processed details to book database, printing bar code labels, vendor information etc.,

37. Subscription of journals such as creation and maintenance of journal master, proposal and approval of journals, subscription and periodical renewal of journals, invoice processing, payment, Budget control, receipt of issues, claiming missing issues or replacements, searching/browsing issues, indexing and abstracting of journals articles, information regarding back volumes, bladdery etc.,

38. Administration like create, delete user log in ID, password, grant rights to access various modules, to set due date, to set allowed cards for different documents for different categories of users, to set overdue charge at various stages, conduct on library stock verification, maintain budget, update database globally using various fields etc.,

39. Generate and print reports such as list of books by author, title, publisher, call number, subject, accession number, availability, Books is sued/renewed/returned/reserved on daily/weekly/monthly/between dates with details, alert service of new additions details of amount spent under various subjects/departments/year etc., list of journals Indian, foreign, list of member

department wise, course wise etc., details of books for binding, unserviceable, missing etc., catalogues, list of publishers, suppliers, various counter transaction reports, list of overdue charge paid by users with details of books with issue date due date number of days of due etc.,

40. OPAC of simple search, advanced search, query builder, restricted search, and dictionary based search for all the important databases using all the important fields and print search results in any desired order, etc.,

41. Web module (web Opac) to search various database using browsers like internet explorer on LAN/Intranet/Internet environment, user statistics, issue details, online reservation, down loading and printing searching results etc.,

42. Web OPAC has features such as – New Arrivals, important library News and events and Online Library Notice board (for Important Notices, Rules & Regulations and Membership procedures.).

43. Search based on more than ten fields

44. Extensive printer support

45. Icons, tool bars, scroll bars etc. as GUI

46. Automatic backup

1

47. Replication of data in backup server

48. Module/Form level security for different user categories.

49. User ID and password for various modules

50. Online help and user manual

51. High Security for Library Data

52. Local Service Easily Available



www.meshilogic.com

BOOKMagic, the Library Management Settioners is an integrated over friendly System available as client Server and Online versions. It falls mainly under six modules. The Management, Circulation, Inquiry(OPAC), Acquisitions, Periodicals and System Administration.

Management Module

The Management module provides cataloguing, authority file maintenance, general reports, printing facilities of barcode, Spine label & Catalogue cards. BookMagic makes cataloguing easy with simple screens and pop-up authority files that can be browsed and updated during accessioning. Automatic classification on subject selection, Purchase details need not re-enter for a batch purchase are onether facility.

The information that can be recorded against each item is the Tible, Authors, Collaborators, Edition details, Robitotion details, Physical details, GMD, 150H, Keywords, Contents, Series, Subjects, Topics, NCA (National Curriculum Area), Language, Accession number, Classification, Suffix, Location, Loan category, Accession date, Supplier, Price & Budget dissection.

Reports: The reporting capabilities in the BookMagic are extensive and are sufficient for most Libraries. In addition, a wide range of other printed outputs can be produced including Shelf wise list, Accession Register, Resource Register, Subject wise list, Classification Report, Department wise list, Barcode & Spine label printing etc.

Circulation Module

The Christation Module covers a while range of leatures like losse, Return, Fines, Renewa L Reservation, Booking, Ubrary calendar. Reports of Issue and Return, Overdue, Fines, Reserved list, Revenuer history, Dialy issue/tetion list, etc. toxie/ Return processes can be done simply either by using barcode or RFID or manual entry.

This module facilitates recording of Borrowser information including Name, Borrowser number, Department, Scholastic year, Roll class, Loan Emits, Loan category, Address, Photo & E-mail, Settings of Rine, category wise modification facilities also incorporated. The system ensure that the borrower has no overdue loans, the maximum number of loan items is not exceeded, the item is not already been on loan or reserved for some one else and such type of item is availsize to bis type of loan cover.



Web OPAC

Web OPAC is a powerful Search Engine for Finding any catalogue related information of the elisticution's database. The Web OPAC has features such as Tearch-Books, Ron Book Materials and Periodicals, Calick glance at the New Antwils and check important Library News and Events on the The – Librareiro can always keep on inform the users about important Netices, Rules , Regulation and Membership procedures through online Library Notice brand.

The Search options includes — A single Search of Material by Tide/ Author/ Subject/Accession Number/Publisher/ Reyword or Adivance Search of Material By Tide/ Author/ Subject/Accession Number/Publisher/ Reyword, with Vinous Combinations of Bodiean oparation size as CH, ANU, NOT Some other major highlights include Auto Suggestion in the search quarter, Multi-Ibrary support across prographical area. Quick pop up preview of the search results, Reservation details, Loan - details and Booking details. Library users have unique logis ID to view the status of their loans (Books, NonBooks, and Periodicals) and fines (if any).



Stock Verification (Books & Non-books)

A single page impection report can be created (category wise). A complete stock verification processing system either by manual entry or Earcode or RFID is provided. This allows stock verification of individual locations within the library can be carried out at any time. A printed record of missing items, issued list, stock report and any status report can be produced.

Search Options

Inquiry (OPAC) Module offers a wide range of flexibility by using 10 different search options. Boolean search facility, saving and printing search results from OPAC, Facility to see Loan status, Search by Author's any word, Keyword, Digital document serves facility, Renexation from OPAC. The search result can be filtered based on the materials like Text, CQ, Equipment etc. and Resource from Category like General, Reference etc.

Marila Search. The search result can be fittered based on the storage media like CDs, Audio and Video tapes, Maps. Facilities to see Loan status, Digital document viewer is also incorporated.

Periodical / Joannal Search Search options with Tible, Keyword, Periodical type, Subject, Publisher: Displaying Articles, Complimentary copy details with search results.

VIEW STATUS View status is used to view the status of the Ubrary Preceases (Beaks, Henbeaks and Periodisals) and Borrower, this helps the user to view the Loan details, Reservation details, and Fine details

Acquisition Module Acquisition module is designed to assist the University with Budgetery control of purchases, Generation of orders, Processing of items received, Recording of auggestions and requests from Library users onto a "wish list". This Module has a wide range of other features.

The Periodical Module The Periodical module previates rapid simple management of journal, recontrolling subscriptions records for each journal, recept of issues, circulation of issues, recording of the issues hald for each journal, printing of claims to be sent to suppliers (missing issues), bound volume keeping, payment options, articles, article author, complimentary copy, abstraction entry, auto keywording.

Digital Archiving Any data in digital formats can be archived in the software and the end user can view, play or print the search results in OPAC. Software supports various data formats like scarwood images, word documents, excel spreadsheets, audio/video files, music files, etc.

Barcoccio and RFID Integration the Barcocle and RFID (Radio Frequency Identification) facilities are integrated to book/Magic. These facilities eases the day-to-day functions like issue and Returns. Another major advantager is that stock verification become much easier, error tree and iess tone consuming. Barcocle printing facilitates the printiputs of least lakely and kerrever lakely.

System Administration # Backup & Restore # User creation & Security, # Locking the companie from missusing, # Import / Export with MARC21 format. # 19/3 27/19 Import facEity, # 2, 19,5, compliant.

Online BookMagic

Colline RovieMage line the additional strength of being interver based, keeping up all the fearway and functions of its illustrious client server version - BookMagic 4.0. The online version offer a user gateway a ibrarian gate way and staff gateway to access and use the system with strict - control on access privilege in to various functional area for different users and staff. Other integration includes email notification / reminders to the users. The users can create user group to share the information of common interest and Librariana can explore the features to hook up the software with Library of Congress Catalegue and importing records in MARC format with its strength of being compliant with 289.50 standards to enjoy fast cataloguing a reality. Searching through the library resources over internet OPAC makes library accessible from ANYWHERE at ANYTIME.

Digital Library

Integration with open source digital library. In Digital library collections are stored in digital formats (as opposed to print or other media) accessible by computers. The digital concern may be stored to cally or accessed remotely via computer networks. It has been integrated with (Online) Eccernagic various customisation has been done at part of digital library implementation such as integration with Online BookMagic to facilitate search in both glysical and digital library. Customize the display of pages, Show the abstract of the search results, Manage CD content, Login for particular collection's, formating video library dtc.

Key Features

Search MODULE (OPAC) searching books using simple and Booksan search with 10 efferent options. Searching with most similar words for misspelled words. Facility to save and print search results and to see related Digital documents. Separate search facility for Non-book items and journals. Provision to view new Arrival list from OPAC. Facility to display on Notice Board, for Library use, Provision to renew Resource from View status. Facility to see the Reservation, list from View status, facility to create daily linue list. From OPAC. Management Module: Simplified and easy Cataloguing of Books and Non-books with automatic assigning of metadata for copies. Automatic: Classification on sobject selection, bigital Library Resource Cataloguing - able to associate scanned contents. Printing of formatted Spine Label and Catalogue Cards. Numerous reports in different criteria. Provision to Specify cost of the bookr in any currency like 5. 6.1 etc. with its exchange rate. Circulation Module: issue/Return integrated in a single inter-Face, Ban-coding facility simplifies the process. Maintain Dorrower details with different conspory wise settings. Facility for Fine collection, reservation and many more transaction reports. Reservation of resource using either by title or by Accesion Number. Facility to set and View Borrower Photos. Email and SMS Facility to send. Overdue Loan details, Reminder and other notices. etc. to Borrowers. Acquisition Middaloi Preparation of purchase list, Printing of order and request forms. Provision to maintain fund and purchase details. Journal/ Periodical module, Provision to enter and search all types of Periodicals and segmals with artistics and complementary copies and to heap its bash volumes. Facility to print order and renewal letters. Provision to manage payment records. System Administration Module: Number of options to ensure system and data security. Osts Backup and Bastam facility, Different, licer level and Module wise security. Data Import & Export with MARC-21 and ISO 2709 standards.

Meshilogic Software

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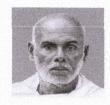




Details of National Digital Library of India (NDLI) Membership



Sree Narayana Guru College of Engineering & Technology chalakkode p.o., korom, payyanur, kannur-670 307



. DETAILS OF NATIONAL DIGITAL LIBRARY OF INDIA MEMBERSHIP

The **National Digital library of India** is a virtual repository of learning resources which is not just a repository with a search/ browse facilities but also provides a host of services including textbooks, articles, videos, audiobooks, lectures, simulations, fiction, and all other kinds of learning media for the learners/users community. Sree Narayana Guru College of Engineering and Technology has recently attained a significant milestone by securing membership with the National Digital Library (NDL). This collaboration marks a crucial step towards augmenting the academic resources available to students and faculty alike.

One of the key advantages of the NDL membership is the convenience it offers in accessing educational resources anytime, anywhere. Through its user-friendly interface and advanced search functionalities, users can easily navigate through the extensive collection and locate relevant materials with ease. This accessibility fosters a culture of self-directed learning and research, empowering individuals to explore topics of interest comprehensively.

In conclusion, SNGCET's membership with the National Digital Library heralds a new era of academic enrichment and innovation. By harnessing the wealth of digital resources available through the NDL, the institution is poised to elevate the quality of education, research, and scholarship within its academic community. As SNGCET continues its journey towards academic excellence, the collaboration with the NDL serves as a testament to its dedication to empowering learners and advancing knowledge dissemination in the digital age.



This is to certify that "Sree Narayana Guru College of Engineering and Technology" is registered as a NDLI Club under the National DigitalLibrary of India.

CERTIFICATE OF REGISTRATION



Registration No.: INKLNC485J7ADWV

Date of Registration: 14/07/2021

Validity Extended Upto: 14/07/2024

Kalyon Jucha

Prof. K. P. Sinhamahapatra Joint Principal Investigator National Digital Library of India Project **Chairman** Central Library IIT Kharagpur

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Dr. B. Sutradhar Joint Principal Investigator National Digital Library of India Project **Librarian** Central Library IIT Kharagpur

Fig 1 Certificate of Registration of NDLI