



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

4.2 Library as a Learning Resource			
4.2.1 Library is automated {Integrated Library Management System -ILMS }			
Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
WEBDESK ERP	fully	1.0	2020-21

Library Automation: Library is automated since the year 2006; initially with SLIM 21. Then library has migrated to the cloud based ‘WEBDESK ERP’ library module from the academic year 2020-21.

It is totally cloud based application software specially designed with the due consultation with the library staff by taking care of their as well as user’s requirements pertaining to all the library operations. Its state of the art Cataloguing, Circulation, Web OPAC (Online Books Searching & Reservation), Journals/Periodicals, Various Reports modules and its remote accessibility facilitate library staff and its users with web based library operations such as DBMS, Web OPAC, Barcoded Circulation, Reservation of Documents, Notifications of the transactions done and various reports can also be fetched through.

The Library Management System database keeps track of readers with the following considerations –

Entities and their Attributes –

- **Book Entity:** It has author, ISBN number, title, edition, category, and price. ISBN is the Primary Key for Book Entity.
- **Reader Entity:** It has User ID, Email, address, phone no, name. Name is composite attribute of first name and last name. Phone no is multi valued attribute. User ID is the Primary Key for Readers entity.
- **Publisher Entity:** It has Publisher ID, Year of publication, name. Publisher ID is the Primary Key.
- **Authentication System Entity:** It has Login ID and password with Login ID as Primary Key.
- **Reports Entity:** It has User ID, Reg_no, Book_no, Issue/Return date. Reg_no is the Primary Key of reports entity.
- **Staff Entity:** It has name and staff_id with staff_id as Primary Key.

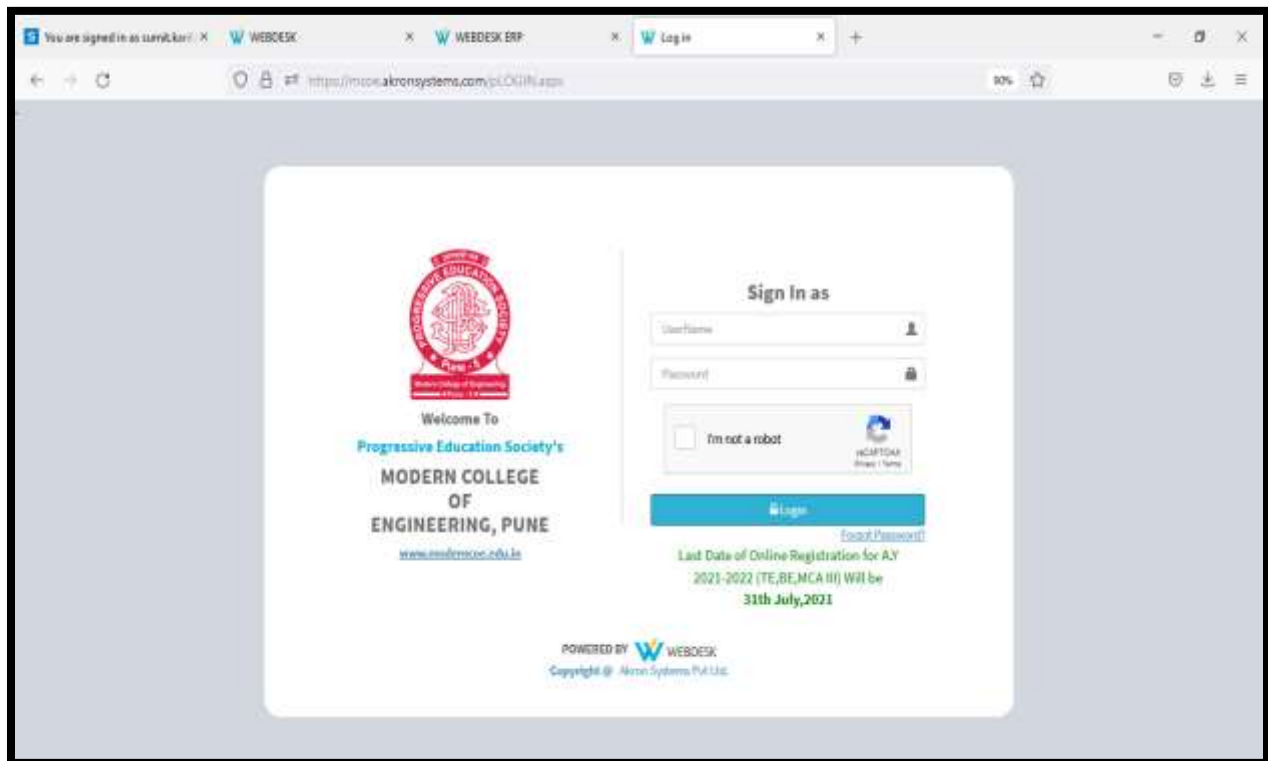


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- **Reserve/Return Relationship Set:** It has three attributes: Reserve date, Due date, Return date.

**Screenshots of WEBDESK ERP Library Mangement Software
2020-2021**

Login to → <https://mcoe.akronsystems.com/pLOGIN.aspx>





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➤ ERP Dashboard

The screenshot displays the library dashboard interface. At the top, there is a navigation bar with the college name and a search bar. The main content area features a 'THOUGHT OF THE DAY' banner, followed by three summary cards: 'Total Reserved Books' (99), 'Today's Issued Books' (3898), and 'Total Borrowed Books' (3925). Below these cards is a 'TOP 10 BORROWERS' section with a table listing the top borrowers.

S.No.	PRN NO	NAME	MEMBER TYPE	CIRCULATED
1	1200802	MRS. SHREYASI GANESH WATVE	Staff	5 Times
2	2201301	Dr. SUMIT ASHOKRAO KANFADE	Staff	5 Times



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➤ New Book Entry & Search Book

The screenshot displays a web-based library management system interface. The top navigation bar includes the college name and the year 2021-2022. The left sidebar contains a menu with options like Dashboard, My Profile, Library, Library Master, Book List & New Entry, Book Circulation, Book Bank Scheme, Book Status, Search & Reserve Book, Journal/Periodical, Library Fine Request, Student Barcode Generation, Leave Management, Library Reports, and Inward/Outward.

The main content area is titled 'LIBRARY' and contains a 'BOOK LISTING' section. A 'New' button is visible in the top right corner of this section. Below it is a form for adding a new book entry with the following fields:

- SELECT REGISTER*: Book
- SELECT TYPE*: -Select-
- ENTER BOOK NAME: [Text Input]
- ENTER AUTHOR: [Text Input]
- ENTER ACC NO: [Text Input]
- DEPARTMENT: Applied Science & Engineering

Buttons for 'Search' and 'PRINT' are located below the form. A 'PRINT SETTING' section is also present, with options for 'TYPE OF PRINT' (Barcode or Spine Label) and 'NO. OF COPIES'.

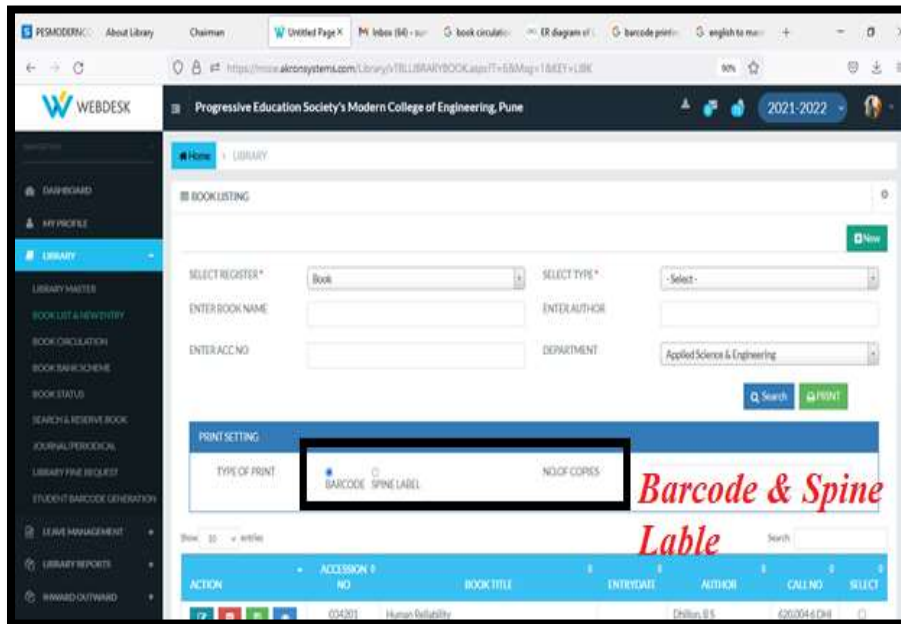
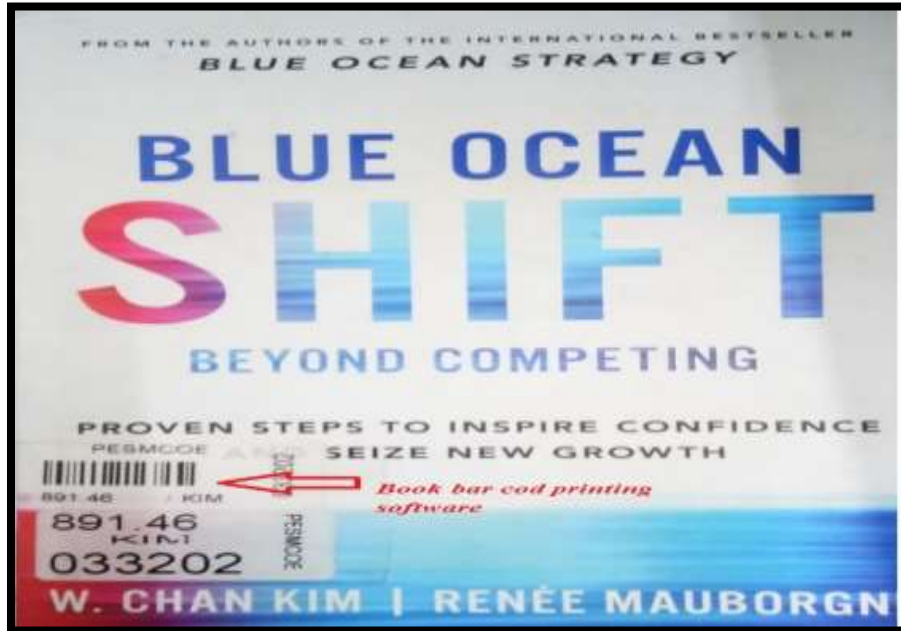
At the bottom, there is a table showing a list of books. The table has columns for Action, Accession No., Book Title, Entry Date, Author, Call No., and Select. One book is listed:

ACTION	ACCESSION NO.	BOOK TITLE	ENTRY DATE	AUTHOR	CALL NO.	SELECT
[Icons]	004201	Human Reliability		Dhillon, BS	620.0046 DH	[Icon]



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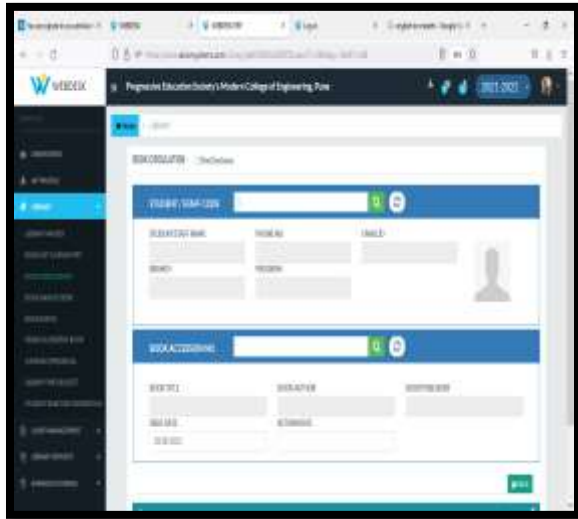
- Books and users barcode printing is done through ERP software.





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➤ **Circulation - This application is used for issue-return of library material.**





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➤ Journal /Periodical Reports

JOURNAL/PERIODICAL REPORT

ACADEMIC YEAR: 2020-2021
BRANCH: ALL
TYPE: ALL
ORIGIN: ALL

SEARCH BY TITLE: _____

SEARCH [Go]

Sr. No.	ACADEMIC YEAR	JOURNAL/PERIODICAL NAME	PUBLISHER	ORIGIN	FREQUENCY	PERIODICAL TYPE	SUBSCRIPTION COST	SUBSCRIPTION FROM	ISSUE TO
1	2020-2021	THE WEEK	The Week	NATIONAL	weekly	GENERAL	Rs. 1200/-	01-01-2020	31-12
2	2020-2021	OUTLOOK	Outlook Pub. (India) Pvt. Ltd.	NATIONAL	weekly	GENERAL	Rs. 4700/-	01-01-2020	31-12
3	2020-2021	OUTLOOK MONEY	Outlook Pubs. (India) Pvt. Ltd.	NATIONAL	Monthly	GENERAL	Rs. 600/-	01-01-2020	31-12
4	2020-2021	UNIVERSITY NEWS	Association of Indian Universities	NATIONAL	weekly	TECHNICAL MAGAZINE	Rs. 12000/-	01-01-2020	31-12
5	2020-2021	Electronics for You	ETV Enterprise	NATIONAL	monthly	JOURNAL	Rs. 900	01-01-2020	31-12



Journal Section



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➤ **Library Reports**

Browser address bar: <https://mcoe.akronsystems.com/LIBRARYREPORT;pBOOKCIRCULATIONRPT.aspx?T=64&Msg=1&KEY=LCR>

WEBDESK | 2020-2021

ACADEMIC YEAR: 2020-2021 | FROM DATE: 01/06/2020 | TO DATE: 31/05/2021 | SEARCH

PRINT | Excel

1186 A, Shivajinagar, off. J.M. road,
Pune-411 005, india
Tel-020-2553 3638/2553
e-mail: pesmcoe@moderncoe.edu.in,
principal@moderncoe.edu.in

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BOOK CIRCULATION REPORT (01/06/2020 - 31/05/2021)

SR NO	ACCESSION NO	TITLE	AUTHOR	PUBLISHER	NAME OF THE BORROWER	DATE OF ISSUE	DATE OF RETURN	STATUS
1	029750	Machine Learning : The Art and Science of Algorithms that make sense of Data	Flath Peter	Cambridge Uni. Press, New Delhi	Mr. RUPALI SHASHIKANT KAMATHE	05-06-2020	03-09-2020	DUE
2	033361	Introduction to Machine Learning	Alpaydm, Ethem	PHI Learning, New Delhi	Mr. RUPALI SHASHIKANT KAMATHE	05-06-2020	03-09-2020	DUE
3	023188	Electronic Devices.	Floyd, TL.	Pearson Education, New Delhi	Mr. SHITAL BABAN JADHAV Mr. RUPALI	13-06-2020	11-09-2020	DUE



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➤ **Library Web OPAC**

Progressive Education Society's Modern College of Engineering, Pune

2020-2021

Home > LIBRARY

Search & Reserve Library Books Online

3325 2300

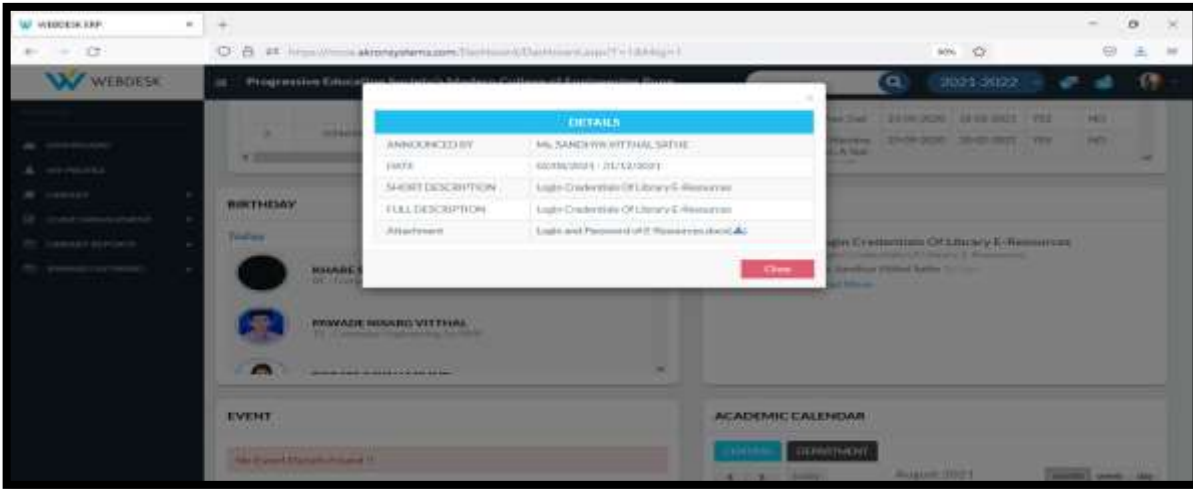
SEARCH BY BOOK TITLE	<input type="text"/>	SEARCH BY AUTHOR	<input type="text"/>
SEARCH BY PUBLISHER	<input type="text"/>	SEARCH BY SUBJECT	- Select -
SEARCH BY DEPARTMENT	- Select -	SEARCH BY ACC NO	<input type="text"/>

Search Refresh



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➤ Access to Library E-Resources



Login and Password of E-Resources [Read-Only] [Compatibility Mode] - Word

MAILINGS REVIEW VIEW

Paragraph

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Central Library

Date: 26.7.2020

LOGIN AND PASSWORD FOR E-RESOURCES

Sr.	Name of the Sourcecy	URL	Login	Password
1	Science Direct	https://www.sciencedirect.com	https://www.sciencedirect.com	Library@1234
2	J-gate	https://jgateplus.com	library@1234	moderuser145674560
3	EBL/EBL	http://www.ebl.in	admin@ebl	password123
4	Computer science and electronic journals	http://www.csjournals.com		
5	Springer books & Journals	https://www.springer.com/gp/open-access		
6	National Digital Library of India	https://ndilibrary.ac.in/	library@moderncoe.edu.in	library@123
7	DOAJ (Directory of Open Access Journals)	https://doaj.org		
8	DOAB-Directory of open access books	https://www.doabooks.org		
9	Library of Congress (free public domain audiobooks)	https://librivox.org/		
10	Internet Archive	https://archive.org/		
11	Springer (Electronic Theses and Dissertations)	https://www.springer.com/978-1-4020-1234-5		
12	University News	https://www.universitynews.com		

