

# Welcome to Library Management System

This Library Management System is software for monitoring and controlling the transaction in a library. The project Library Management System is developed in MS Excel using VBA programming language, which mainly focuses on basic operations in a library of Motihari College of Engineering, Motihari. So, let's start how to use this Library Management System efficiently.

**Step 1:** Open [Library\\_Management\\_System](#) → [Setup](#) → [Library\\_Management\\_System.xlsm](#)

**Step2:** Enter correct **Username** and **Password** and click on **Login** or double press enter key.

## Manage Tabs:

**To ADD BOOKS:** Click on [ADD BOOK](#) tab or press **Alt+B** to open Book Entry Form. Fill the book details and click on [ADD RECORD](#) button or Press **Alt+A**.

**To ADD STUDENT DETAILS:** Click on [ADD STUDENT RECORD](#) tab or press **Alt+S** to open Student Entry Form. Fill the book details and click on [ADD RECORD](#) button or Press **Alt+A**.

**To ADD FACULTY DETAILS:** Click on [ADD FACULTY DETAILS](#) tab or press **Alt+F** to open Faculty Entry Form. Fill the book details and click on [ADD RECORD](#) button or Press **Alt+A**.

**To ISSUE BOOKS:** Click on [ISSUE BOOK](#) tab or press **Alt+I** to open Book Issue Form. Fill the book details and click on [ISSUE BOOK](#) button.

**To RETURN BOOKS:** Click on [RETURN BOOK](#) tab or press **Alt+R** to open Book Entry Form. Fill the book details and click on [RETURN BOOK](#) button.

**To UPDATE ANY DATA:** Click on [UPDATE DATA](#) tab or press **Alt+U** to open Update Form.

- **To UPDATE BOOK RECORD:** Type Book ID in **BOOK ID** textbox or in **Book ID search box**. The Book details will autofill if record found. Modify the data and click on [UPDATE](#).
- **To UPDATE STUDENT RECORD:** Type Ref. No. in **Ref. No.** textbox or in **Ref. No. search box**. The Faculty details will autofill if record found. Modify the data and click on [UPDATE](#).
- **To UPDATE FACULTY RECORD:** Type Roll No. in **Roll No.** textbox or in **Roll No. search box**. The Student details will autofill if record found. Modify the data and click on [UPDATE](#).

**To QUERY ISSUE/RETURN DATA:** Click on [QUERY RECORD](#) tab or press **Alt+Q** to open QUERY Form. (Not available now. We are still working on it.)

**To SHOW LIBRARY RULES:** Click on [LIBRARY RULES](#) tab or press **Alt+L**

**To SET LIBRARY:** Open [Library\\_Management\\_System](#) folder and open [LibraryRule](#) folder and **REPLACE** the Library Rule image as [LibraryRule](#) in .jpg format. **Do not use .jpg while renaming. It's an extension.** Follow this path to set Library Rule: *E:\Library\_Management\_System\LibraryRule\LibraryRule.jpg*

**To GET HELPS:** Click on [HELP](#) tab or press **Alt+H**

**To CLEAR/RESET ANY FORM:** Press **Alt+C**

**To LOGOUT:** Click on [LOGOUT](#) Button or press **Alt+O**.

**To EXIT:** Click on [EXIT](#) Button or press **Alt+E**.

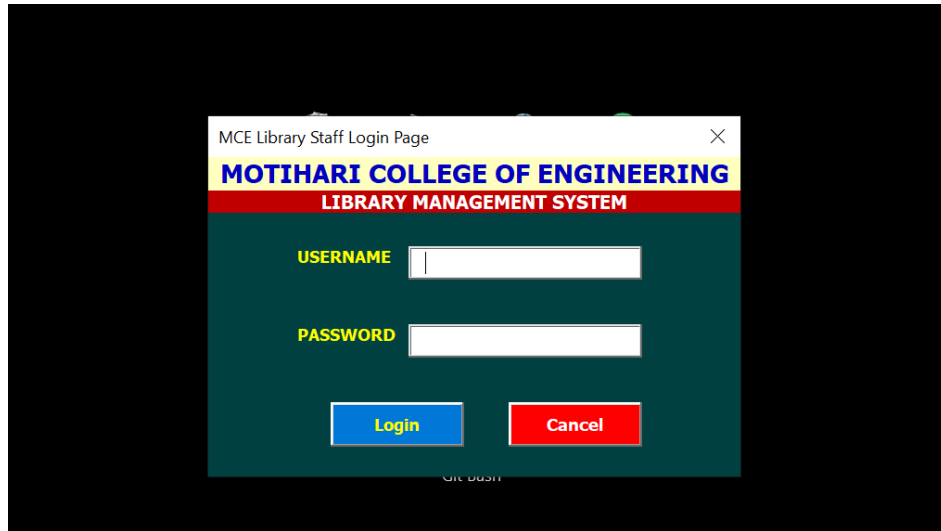
**To SAVE:** Click on [SAVE](#) Button.

**To SHOW DATA SHEET:** Click on [SHOW DATA SHEET](#) Button. Form will be minimized in the left bottom of screen. If you want to work while showing data sheet click on [MAXIMIZE](#) button or click on [HIDE DATA SHEET](#) to hide all data.

**IN CASE OF INVISIBILITY OF DASHBOARD WHEN SHEET IS VISIBLE/OPEN:**

Click on [Library Dashboard](#) sheet and then click on [OPEN DASHBOARD](#) Button.

## Login Page



MCE Library Staff Login Page

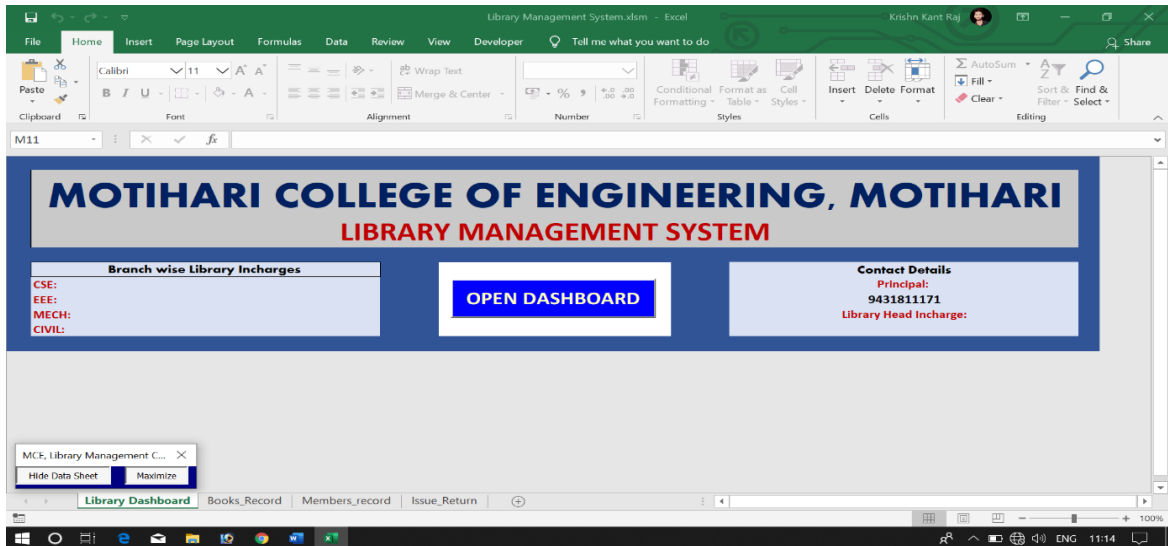
**MOTIHARI COLLEGE OF ENGINEERING**  
**LIBRARY MANAGEMENT SYSTEM**

USERNAME

PASSWORD

[Login](#) [Cancel](#)

Excel Sheet Will look like this when we click on [Show Data Sheet](#) button.



Library Management System.xlsx - Excel

**MOTIHARI COLLEGE OF ENGINEERING, MOTIHARI**  
**LIBRARY MANAGEMENT SYSTEM**

**Branch wise Library Incharges**

Branch	Incharge
CSE:	
EEE:	
MECH:	
CIVIL:	

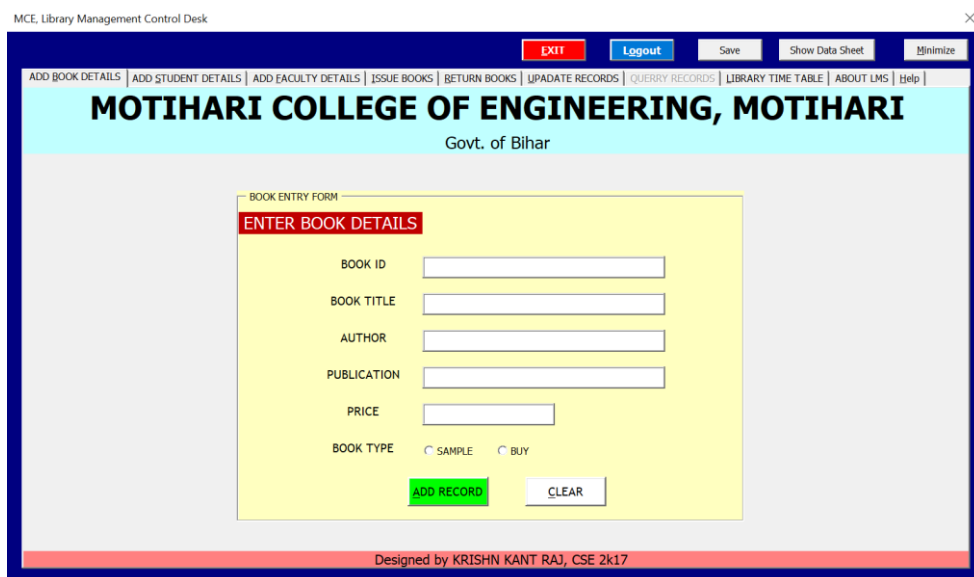
[OPEN DASHBOARD](#)

**Contact Details**

Principal: 9431811171  
Library Head Incharge:

Library Dashboard

Add Books Record.



MCE, Library Management Control Desk

[EXIT](#) [Logout](#) [Save](#) [Show Data Sheet](#) [Minimize](#)

[ADD BOOK DETAILS](#) [ADD STUDENT DETAILS](#) [ADD FACULTY DETAILS](#) [ISSUE BOOKS](#) [RETURN BOOKS](#) [UPDATE RECORDS](#) [QUERY RECORDS](#) [LIBRARY TIME TABLE](#) [ABOUT LMS](#) [Help](#)

**MOTIHARI COLLEGE OF ENGINEERING, MOTIHARI**  
Govt. of Bihar

**BOOK ENTRY FORM**

**ENTER BOOK DETAILS**

BOOK ID

BOOK TITLE

AUTHOR

PUBLICATION

PRICE

BOOK TYPE ☐ SAMPLE ☐ BUY

[ADD RECORD](#) [CLEAR](#)

Designed by KRISHN KANT RAJ, CSE 2k17

## Add Faculty Details

MCE, Library Management Control Desk

EXIT Logout Save Show Data Sheet Minimize

ADD BOOK DETAILS | ADD STUDENT DETAILS | ADD FACULTY DETAILS | ISSUE BOOKS | RETURN BOOKS | UPDATE RECORDS | QUERY RECORDS | LIBRARY TIME TABLE | ABOUT LMS | Help

### MOTIHARI COLLEGE OF ENGINEERING, MOTIHARI

Govt. of Bihar

FACULTY RECORD ENTRY FORM

**ENTER FACULTY DETAILS**

FACULTY NAME

REF. No.

MOBILE No.

EMAIL ID

MEMBER TYPE

DEPARTMENT

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## Add Student Details.

MCE, Library Management Control Desk

EXIT Logout Save Show Data Sheet Minimize

ADD BOOK DETAILS | ADD STUDENT DETAILS | ADD FACULTY DETAILS | ISSUE BOOKS | RETURN BOOKS | UPDATE RECORDS | QUERY RECORDS | LIBRARY TIME TABLE | ABOUT LMS | Help

### MOTIHARI COLLEGE OF ENGINEERING, MOTIHARI

Govt. of Bihar

STUDENT RECORD ENTRY FORM

**ENTER STUDENT DETAILS**

STUDENT NAME

ROLL No.

MOBILE No.

EMAIL ID

LATERAL ENTRY ☐ YES ☐ NO

BRANCH

SEMESTER

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Issue Books by entering book id and roll number/ ref. number, rest will autofill

MCE, Library Management Control Desk

EXIT Logout Save Show Data Sheet Minimize

ADD BOOK DETAILS | ADD STUDENT DETAILS | ADD FACULTY DETAILS | ISSUE BOOKS | RETURN BOOKS | UPDATE RECORDS | QUERY RECORDS | LIBRARY TIME TABLE | ABOUT LMS | Help

### MOTIHARI COLLEGE OF ENGINEERING, MOTIHARI

Govt. of Bihar

BOOK DETAILS

**ENTER BOOK ID**

BOOK ID

BOOK TITLE

AUTHOR

PUBLICATION

PRICE

ISSUE DETAILS

DATE OF ISSUE

MEMBER DETAILS

**ENTER REF / ROLL No**

MEMBER TYPE

REF./ROLL No.

NAME

BRANCH

SEMESTER

MOBILE No.

EMAIL

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Return Books by entering book id only. Rest will autofill

MCE, Library Management Control Desk

EXIT Logout Save Show Data Sheet Minimize

ADD BOOK DETAILS | ADD STUDENT DETAILS | ADD FACULTY DETAILS | ISSUE BOOKS | RETURN BOOKS | UPDATE RECORDS | QUERY RECORDS | LIBRARY TIME TABLE | ABOUT LMS | Help

## MOTIHARI COLLEGE OF ENGINEERING, MOTIHARI

Govt. of Bihar

**BOOK DETAILS**

**ENTER BOOK ID**

BOOK ID

BOOK TITLE

AUTHOR

PUBLICATION

PRICE

**MEMBER DETAILS**

MEMBER TYPE

REF./ROLL No.

NAME

BRANCH/ DEPT.

SEMESTER

MOBILE No.

EMAIL

**RETURN DETAILS**

DATE OF RETURN

RETURN BOOK CLEAR

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Search Details or Update records.

MCE, Library Management Control Desk

EXIT Logout Save Show Data Sheet Minimize

ADD BOOK DETAILS | ADD STUDENT DETAILS | ADD FACULTY DETAILS | ISSUE BOOKS | RETURN BOOKS | UPDATE RECORDS | QUERY RECORDS | LIBRARY TIME TABLE | ABOUT LMS | Help

## MOTIHARI COLLEGE OF ENGINEERING, MOTIHARI

Govt. of Bihar

BOOK ID  ROLL No.  REF. No.  SEARCH DELETE

**UPDATE STUDENT RECORD**

UPDATE STUDENT DATA

STUD. NAME

ROLL No.

MOBILE

EMAIL

LITERAL ☐ YES ☐ NO

BRANCH

SEMESTER

UPDATE RESET

**UPDATE FACULTY RECORD**

UPDATE FACULTY DETAILS

FACULTY NAME

REF No.

MOBILE

EMAIL

MEMBER TYPE

DEPARTMENT

UPDATE RESET

**UPDATE BOOK RECORD**

UPDATE BOOK RECORD

BOOK ID

BOOK TITLE

AUTHOR

PUBLICATION

PRICE

BOOK TYPE ☐ SAMPLE ☐ BUY

UPDATE RESET

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Library Time Table image tab.

MCE, Library Management Control Desk

EXIT Logout Save Show Data Sheet Minimize

ADD BOOK DETAILS | ADD STUDENT DETAILS | ADD FACULTY DETAILS | ISSUE BOOKS | RETURN BOOKS | UPDATE RECORDS | QUERY RECORDS | LIBRARY TIME TABLE | ABOUT LMS | Help

## MOTIHARI COLLEGE OF ENGINEERING, MOTIHARI

Govt. of Bihar

Year	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 <sup>st</sup>	Computer Science & Engineering + Civil Engineering			Electrical & Electronics Engineering		Mechanical Engineering
2 <sup>nd</sup>				Computer Science & Engineering	Electrical & Electronics Engineering + Mechanical Engineering	Civil Engineering
3 <sup>rd</sup>	Mechanical Engineering	Electrical & Electronics Engineering		Computer Science & Engineering		Civil Engineering
4 <sup>th</sup>		Mechanical Engineering + Civil Engineering	Electrical & Electronics Engineering + Computer Science & Engineering			

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Help tab, here you get all shortcuts and how to use this LMS

MCE, Library Management Control Desk

EXIT Logout Save Show Data Sheet Minimize

ADD BOOK DETAILS | ADD STUDENT DETAILS | ADD FACULTY DETAILS | ISSUE BOOKS | RETURN BOOKS | UPDATE RECORDS | QUERY RECORDS | LIBRARY TIME TABLE | ABOUT LMS | Help

## MOTIHARI COLLEGE OF ENGINEERING, MOTIHARI

Govt. of Bihar

### LIBRARY MANAGEMENT SYSTEM

#### SHOERCUT KEYS

SHORTCUT KEYS			
ADD ANY RECORD	Alt + A	QUERY RECORDS	Alt + Q
ADD BOOK	Alt + B	LOGOUT	Alt + O
ADD STUDENT RECORD	Alt + S	LIBRARY RULES	Alt + L
ADD FACULTY DETAILS	Alt + F	CLEAR ANY FORM	Alt + C
ISSUE BOOKS	Alt + I	HELP	Alt + H
RETURN BOOKS	Alt + R	EXIT APPLICATION	Alt + E
UPDATE DATA	Alt + U	MINIMIZE/MAXIMIZE	Alt + M

CONTACT / FEEDBACK

KRISHN KANT RAJ, BRANCH: CSE, BATCH: 2K17, E-mail: krishnkanraj@gmail.com

About Library Management System and Acknowledgement

MCE, Library Management Control Desk

EXIT Logout Save Show Data Sheet Minimize

ADD BOOK DETAILS | ADD STUDENT DETAILS | ADD FACULTY DETAILS | ISSUE BOOKS | RETURN BOOKS | UPDATE RECORDS | QUERY RECORDS | LIBRARY TIME TABLE | ABOUT LMS | Help

#### ACKNOWLEDGEMENT

To make any project, essential requirement is able guidance and reference without which project is incomplete. We are very much thankful to **Ms. Abha Ma'am** who has provided us an opportunity and motivation to gain knowledge through this type of project. we will get practical knowledge from this project and this will help us a lot in our career.

We are also thankful to **Mr. Satyajeet Kumar** whose co-operation contributed major part in our project. At last but not least, we are thankful to all our friends and other persons who have directly and indirectly helped us during planning and preparation of report.

Thank you.

Krishn Kant Raj Roll No. 17307  
Intekhab Ahmad, Roll No. 17302  
Vishal Kumar, Roll No. 17334  
Vikash Kumar, Roll No. 17327

B. Tech Sem VI, Computer Science & Engineering  
Motihari College of Engineering, Motihari  
AKU, Patna

#### PROPOSED SYSTEM


Proposed system is an automated Library Management System. Through this user can add Student details, Faculty Details, Book Details, Issue Books, Return Books, Search Records and Update Information in quick time. This proposed system has following advantages:

- User friendly Interface
- Fast accessing of data
- Less chance of errors
- Search facilities
- Look and feel environment
- Quick transection
- Protected data
- Add Library Rule Image
- Help guides


**KRISHN KANT RAJ**



**VISHAL KUMAR**



**VIKASH KUMAR**



**INTEKHAB AHMAD**

