

User Documentation

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Group: 03

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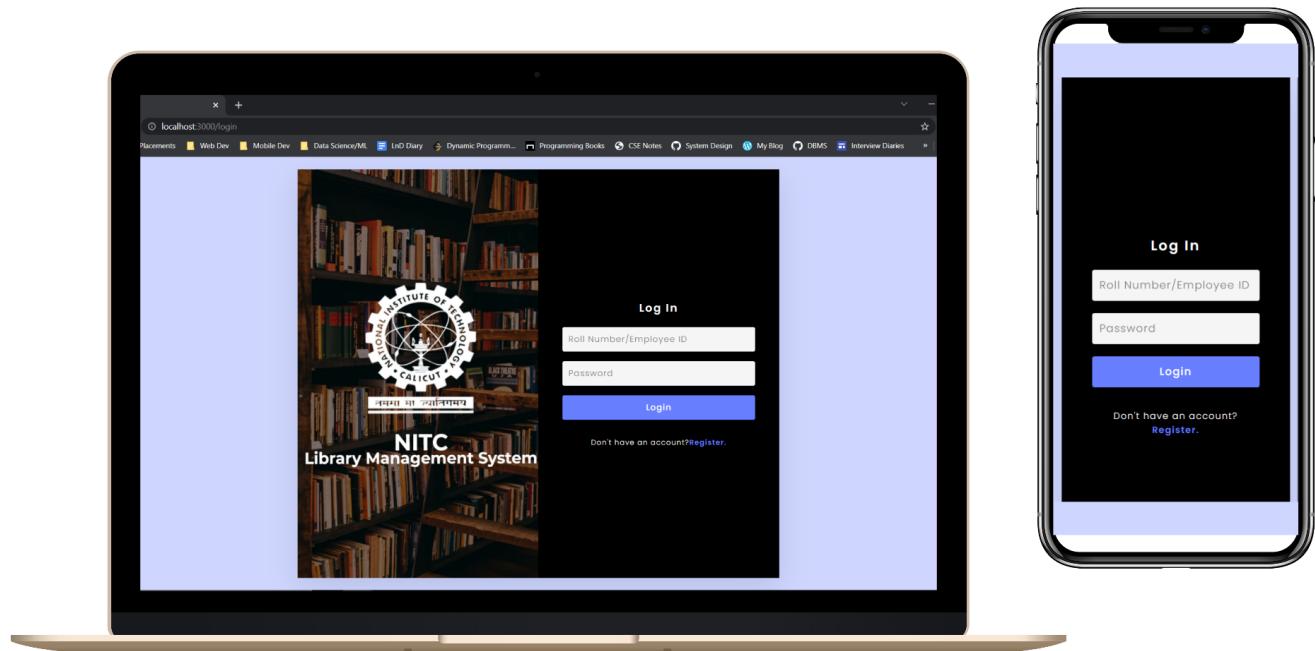


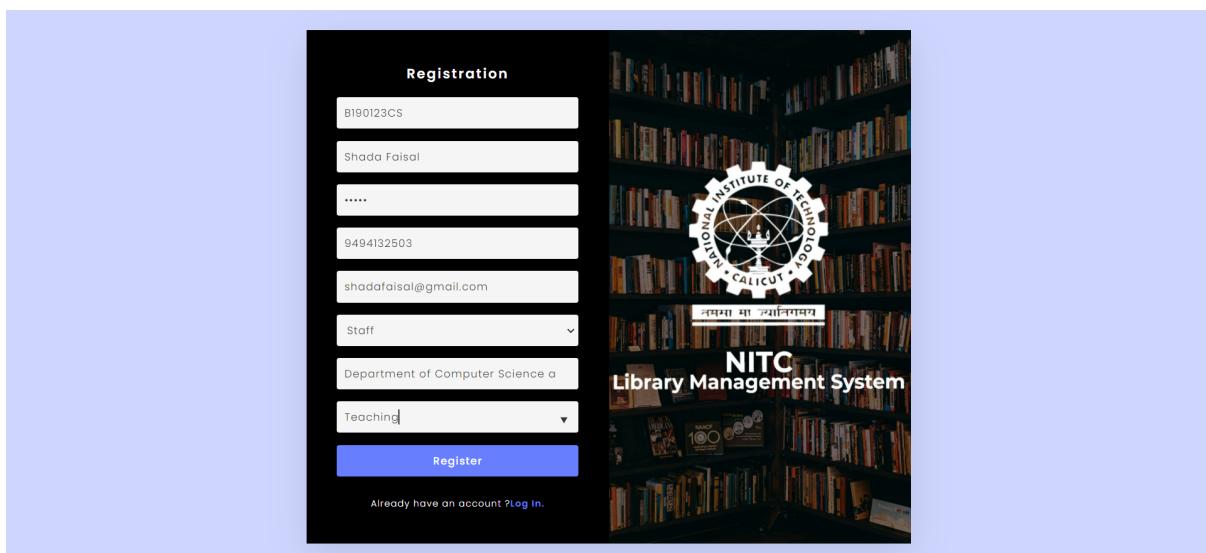
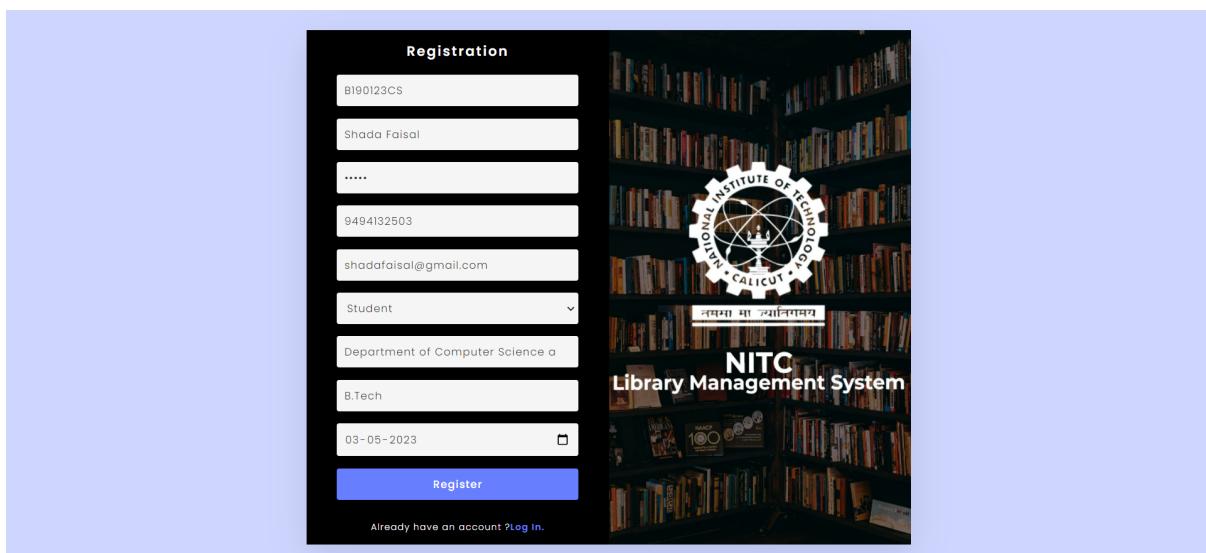
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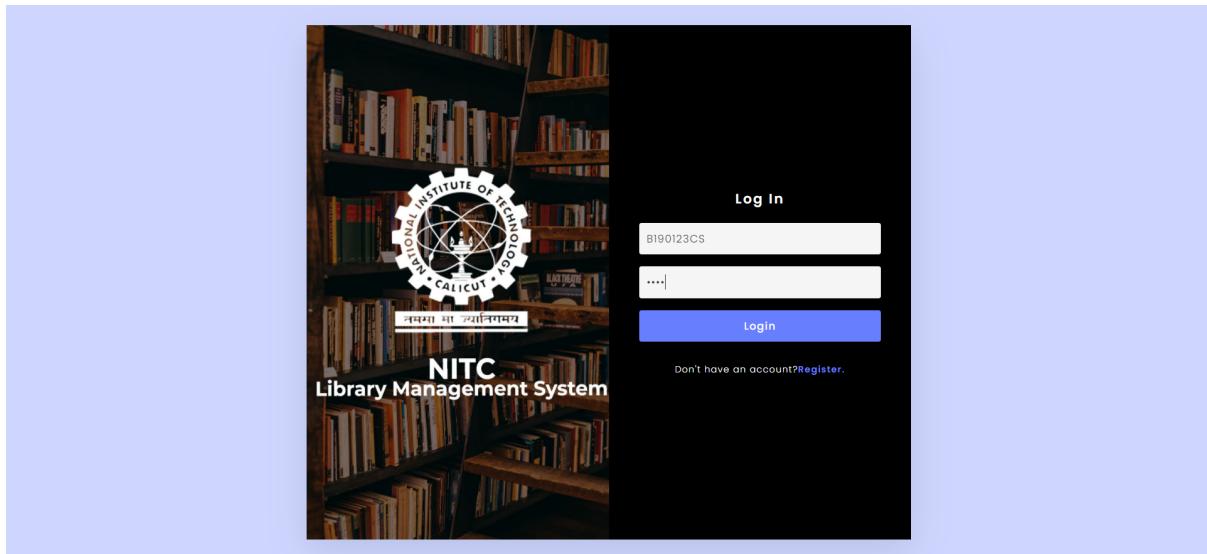
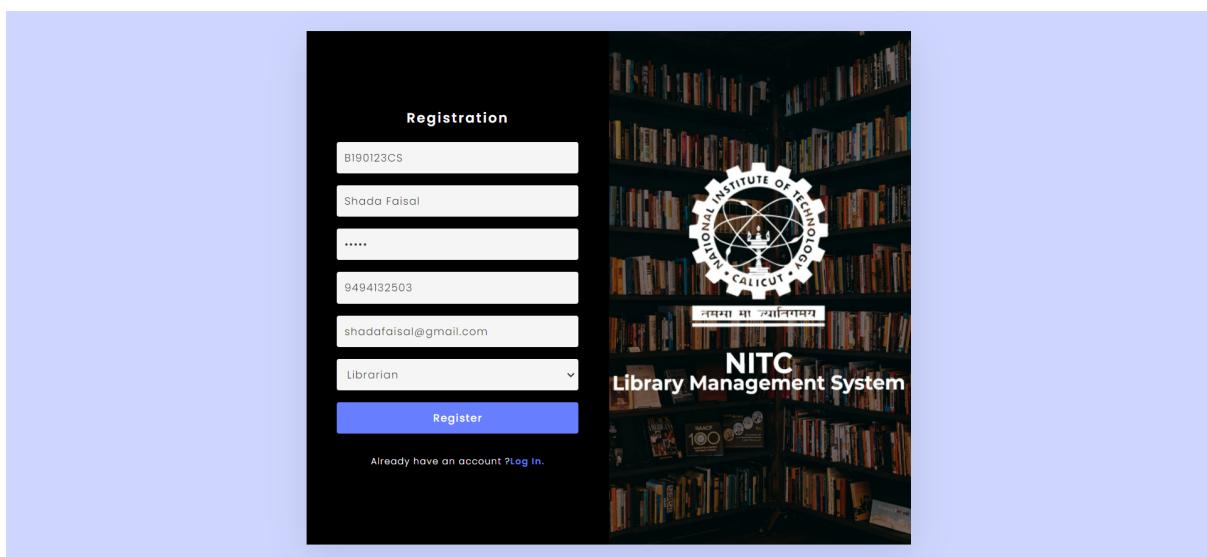
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Registration and Login

Upon entering the system you will see the login page. If you are an existing member, enter your user ID/employee ID/admin ID. Upon successful login, you will be redirected to your respective dashboards. In case of any mismatch in credentials, you will be alerted by the system via a corresponding message.

If you are a new user, click the register option shown on the login page. You will be redirected to the registration page. Fill in the details accordingly and choose the role. For students and staff, the department that you belong to should be filled. Students should additionally fill in their programme. Upon successful registration, proceed to log in by choosing the option below on the same page.





Dashboard for the members

Based on the ID mentioned while logging in, members will be redirected to a dashboard exclusive for them. You will see your profile page upon redirection to the dashboard. On the left-hand side, there will be a navigation bar with all the necessary functionalities. This drawer (vertical navigation bar) can be collapsed based on your comfort.

Books

Upon clicking this, you can view the books that you have requested so far and their status. There are two statuses: **rejected** and **processing**. If the request has been approved by the librarian (admin), it will be indicated below in the **borrowed** table.

In the **borrowed** table, you will be able to view the books that are borrowed along with the issue and return dates.

Book Title	Author/Publisher	Availability	Action
Essentials of chemical reaction engineering	Pearson	Available : 3	BORROW
Effective Data Visualization	SAGE Publications, Inc	Available : 6	BORROW
Fundamentals Of Structural Integrity : damage tolerant design And non destructive evaluation	Wiley-Interscience	Available : 6	BORROW
Electrical power systems	New Age International	Available : 3	BORROW

The screenshot shows the NITC Library Management System interface. On the left, there is a sidebar with icons and labels: Profile, Books, Borrowal, Donate/Request, and Library Dues. The main content area has a blue header bar with the text "NITC Library Management System". Below the header, the title "Requested Books" is displayed. A table follows, with columns: Issue ID, ISBN, Book Name, Status, and Requested Date. The data in the table is as follows:

Issue ID	ISBN	Book Name	Status	Requested Date
2	9780134663890	Essentials of chemical reaction engineering	PROCESSING	Fri, 03 Dec 2021 00:00:00 GMT
3	9781544350882	Effective Data Visualization	PROCESSING	Fri, 03 Dec 2021 00:00:00 GMT
4	9780471214595	Fundamentals Of Structural Integrity : damage tolerant design And non destructive evaluation	PROCESSING	Fri, 03 Dec 2021 00:00:00 GMT
5	9780241269152	Object-Oriented Ontology	PROCESSING	Fri, 03 Dec 2021 00:00:00 GMT
6	9780133594140	Computer networking: a top-down approach	PROCESSING	Fri, 03 Dec 2021 00:00:00 GMT
8	9781258286125	Statically indeterminate structures	PROCESSING	Fri, 03 Dec 2021 00:00:00 GMT
7	9789384588724	Strength and Deformation of Statically Indeterminate Structures	PROCESSING	Fri, 03 Dec 2021 00:00:00 GMT

Below this, another section titled "Borrowed Books" is shown with a table having columns: ISBN, Book Name, Issue Date, Return Date, and Renewed.

Borrowal

Here, you will be able to search for books and view their availability. On clicking the borrow button, you will be able to view that request in the **request** table shown above. Additionally, you can filter the searches based on tags, authors and book names.

The screenshot shows the NITC Library Management System interface. On the left, there is a sidebar with icons and labels: Profile, Books, Borrowal, Donate/Request, and Library Dues. The main content area has a blue header bar with the text "NITC Library Management System". Below the header, the title "Borrowed Books" is displayed. A table follows, with columns: Issue ID, ISBN, Book Name, Status, and Requested Date. The data in the table is as follows:

Issue ID	ISBN	Book Name	Status	Requested Date
8	9781258286125	Statically indeterminate structures	PROCESSING	Fri, 03 Dec 2021 00:00:00 GMT
7	9789384588724	Strength and Deformation of Statically Indeterminate Structures	PROCESSING	Fri, 03 Dec 2021 00:00:00 GMT

Below this, another section titled "Borrowed Books" is shown with a table having columns: ISBN, Book Name, Issue Date, Return Date, and Renewed.

Library Dues

Here, you will be able to view the existing dues, if any.

The screenshot shows a sidebar with icons for Profile, Books, Borrowal, Donate/Request, and Library Dues. The main content area is titled 'Dues to be paid' and contains a table with two rows:

ID	Fine in (Rs)	Due Date
4	100.00	Sat, 18 Dec 2021 00:00:00 GMT
5	50.50	Sat, 18 Dec 2021 00:00:00 GMT

Donate/Request

If you wish to suggest the arrival of a new book to the library, you can enter the book name here. If there is a book that you wish to donate to the library, that can be filled. If the book is already in existence in the library catalogue, then you will be alerted that the book is existing while submitting the **request** form.

The screenshot shows a sidebar with icons for Profile, Books, Borrowal, Donate/Request, and Library Dues. The main content area has 'REQUEST' and 'DONATE' buttons. Below them is a 'Book Name *' field containing 'Introduction To Crypto Technologies'. A 'SUBMIT' button is below the field. A green success message box at the bottom left says 'The request has been successfully submitted'.

Log Out [Member]

After using the system, you can click on the **logout** icon on the top right-hand corner. You will be redirected back to the login/registration page.

Dashboard for Librarians [For Admins Only]

After successful login, the librarians (admins) will be redirected to an admin exclusive dashboard. You will initially be redirected to the profile where your details will be visible. On the left-hand side, there will be a navigation bar with all the necessary functionalities. This drawer (vertical navigation bar) can be collapsed based on your comfort.

The screenshot shows the 'Profile' section of the admin dashboard. At the top, there's a blue header bar with the system name 'NITC Library Management System'. Below the header, on the left, is a vertical navigation bar with icons and text links: Profile, Add book, View Request, Search, Donate/Suggest, and Fines. The main content area is titled 'Profile' and contains a user profile card with a placeholder 'G' icon. The card includes fields for Name ('ganesh'), User ID ('ADMIN001L'), Email ('ganesh@gmail.com'), and Role ('librarian').

Add Book

Upon clicking this, you will have two options. Either to add a new book or to add an existing book in the catalogue. On clicking **New**, enter the details required. If the book exists in the catalogue, click on **Existing** and enter the ISBN of the book to add the book to the catalogue.

The screenshot shows the 'Add Book' page with the 'NEW' tab selected. The left sidebar has the same navigation as the dashboard. The main form starts with an 'ISBN' field containing '4536787654567'. Below it are fields for 'Book Name' ('Artificial Intelligence: A Modern Approach'), 'Publisher' ('Prentice Hall'), and 'Authors' ('Stuart J Russell, Peter Norvig'). There's a 'Tags' field with three tags: 'dso', 'ai', and 'algorithm'. Below the form is a numeric input field with a value of '7' and a 'SUBMIT' button. A green success message at the bottom right says 'book added successfully' with a checkmark icon.

View Request

Here, you will be able to view the checkout requests made by the users. There are two actions: **Approve** and **Reject**. Based on the scenario, you can approve or reject the request. The user will be intimated by the status simultaneously.

The screenshot shows the 'Check-Out Requests' section of the library management system. On the left, there is a sidebar with icons for Profile, Add book, View Request, Search, Donate/Suggest, and Fines. The main area has a blue header bar with the system name. Below the header, the title 'Check-Out Requests' is centered. A table lists two requests:

User Name	Book Name	Request Date	Renewals Done	Action
Shada Faisal	Statically indeterminate structures	Fri, 03 Dec 2021 00:00:00 GMT	1	<button>APPROVE</button> <button>REJECT</button>
Shada Faisal	Strength and Deformation of Statically Indeterminate Structures	Fri, 03 Dec 2021 00:00:00 GMT	1	<button>APPROVE</button> <button>REJECT</button>

Search

On clicking this, you can search based on the user ID and ISBN.

The screenshot shows the search results page. On the left, there is a sidebar with icons for Profile, Add book, View Request, Search, Donate/Suggest, and Fines. The main area has a blue header bar with the system name. A search bar at the top contains the text 'B190123CS'. Below the search bar, a table displays search results:

USER ID	ISBN	CHEKIN
B190123CS	9780134663890	<button>CHEKIN</button>
B190123CS	9780544350882	<button>CHEKIN</button>
B190123CS	9780471214595	<button>CHEKIN</button>
B190123CS	9780241269152	<button>CHEKIN</button>
B190123CS	9780133594140	<button>CHEKIN</button>

At the bottom of the table, there are navigation links: 'Previous', 'Page 1 of 1', '10 rows', and 'Next'.

Donate/Suggest

The donate/suggestions requests made by the user can be viewed here.

The screenshot shows the 'Requests' section of the NITC Library Management System. On the left, there is a sidebar with icons for Profile, Add book, View Request, Search, Donate/Suggest, and Fines. The main area has a header 'Requests' and a table with columns: Book Name, User ID, Request Date, and Request Type. The data in the table is as follows:

Book Name	User ID	Request Date	Request Type
DBMS Fundamentals	B190180CS	Fri, 03 Dec 2021 00:00:00 GMT	DONATE
Alice In Wonderland	EMP001CSE	Fri, 03 Dec 2021 00:00:00 GMT	DONATE
The Fundamentals Of Programming	B190180CS	Fri, 03 Dec 2021 00:00:00 GMT	REQUEST
Introduction To Crypto	B190123CS	Fri, 03 Dec 2021 00:00:00 GMT	REQUEST
Introduction To Crypto Technologies	B190123CS	Fri, 03 Dec 2021 00:00:00 GMT	REQUEST

Fines

You will be able to add and view the fines here. Enter the user ID and the fine amount in the respective fields and upon submission, the user will be intimated by the fine charged.

The screenshot shows the 'Add Fines' page of the NITC Library Management System. On the left, there is a sidebar with icons for Profile, Add book, View Request, Search, Donate/Suggest, and Fines. The main area has a header 'Add Fines' and two input fields: 'User ID' (B190123CS) and 'Fine' (200.50). Below the fields is a 'SUBMIT' button. A green success message box at the bottom right says 'fine added successfully' with a checkmark icon.

The screenshot shows the 'NITC Library Management System' interface. On the left, a sidebar lists navigation options: Profile, Add book, View Request, Search, Donate/Suggest, and Fines. The main content area is titled 'View Fines' and displays a table of fine records. The table has columns for User ID, Amount, Payment Date, Status, and Action. Three entries are listed:

User ID	Amount	Payment Date	Status	Action
B190123CS	100.00	Sat, 18 Dec 2021 00:00:00 GMT	PENDING	<button>APPROVE</button>
B190123CS	50.50	Sat, 18 Dec 2021 00:00:00 GMT	PENDING	<button>APPROVE</button>
B190123CS	200.50	Sat, 18 Dec 2021 00:00:00 GMT	PENDING	<button>APPROVE</button>

Log Out [Admin]

After using the system, you can click on the **logout** icon on the top right-hand corner. You will be redirected back to the login/registration page.

