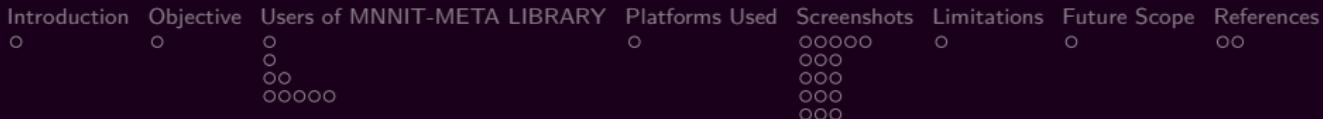


# MNNIT META LIBRARY

Mansi Maheshwari - 2018CA02  
Alka Rani Tingga-2018CA11  
Saroj Kumari-2018CA25



Department of Computer Science & Engineering,  
MNNIT Allahabad, Prayagraj - 211004, India



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- ER-Diagram
- Roles
  - Guest
  - Student
  - Teacher

Introduction	Objective	Users of MNNIT-META LIBRARY	Platforms Used	Screenshots	Limitations	Future Scope	References
○	○	○	○	○○○○○	○	○	○○
		○		○○○			
		○○		○○○			
		○○○○○		○○○			

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- Teacher's profile
- Admin's profile
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### 6 Limitations

Introduction	Objective	Users of MNNIT-META LIBRARY	Platforms Used	Screenshots	Limitations	Future Scope	References
○	○	○	○	○○○○○	○	○	○○
		○		○○○			
		○○		○○○			
		○○○○○		○○○			

## Index III

### 7 Future Scope

### 8 References

# INTRODUCTION

The “MNNIT META LIBRARY” is design to extend the concept of digital library system.

This application will be very useful for :

- Students : getting online study materials such as notes, papers, e-books and lecture videos.
- Teachers : sharing their research details as well as uploading their notes, lecture videos, papers and books.

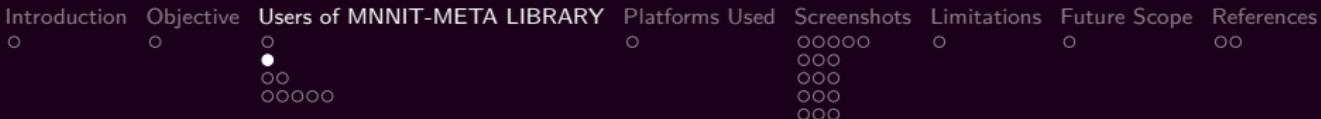
## OBJECTIVE

- Students can avail any course material.
- Providing digital study material.
- Saves time
- Communication platform
- 24 x 7 availability
- No headache of returning the material or missing the due date.
- Students can avail any course material.
- User friendly : more of selection rather than typing.

Users

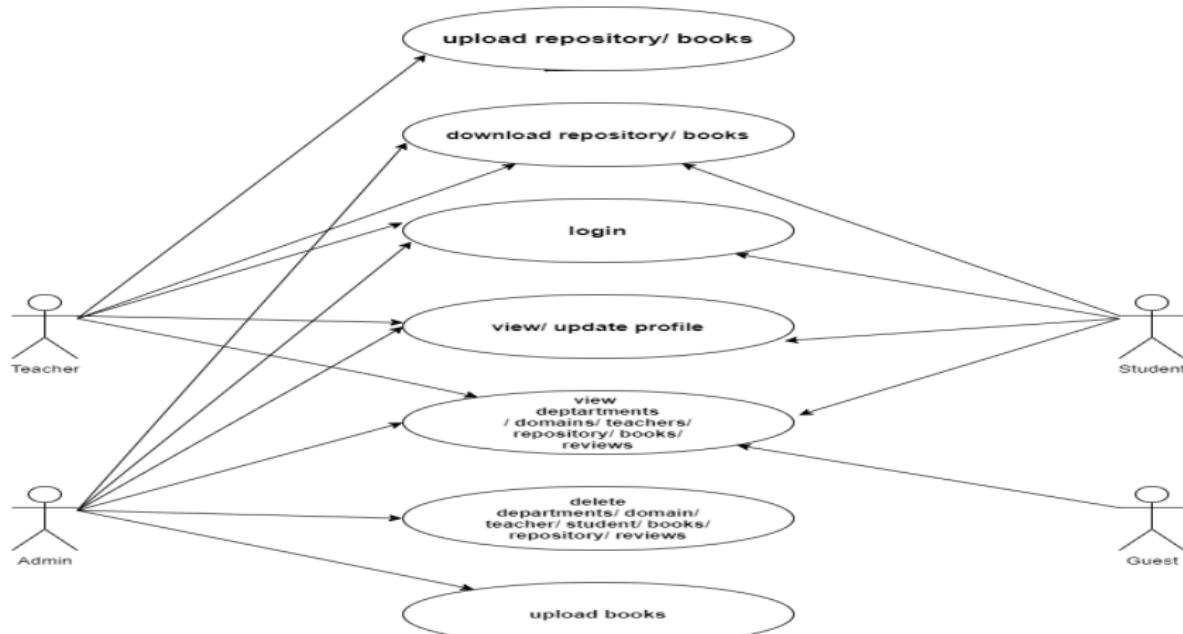
# USERS

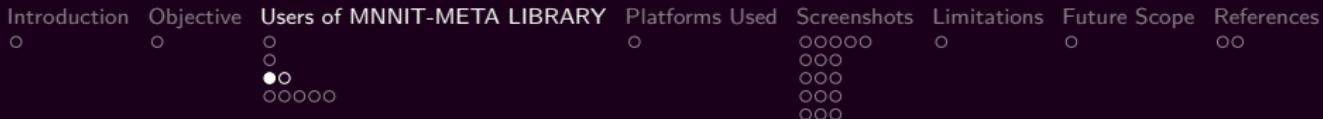
- Guest
- Student
- Teacher
- Admin



## Use-Case Diagram

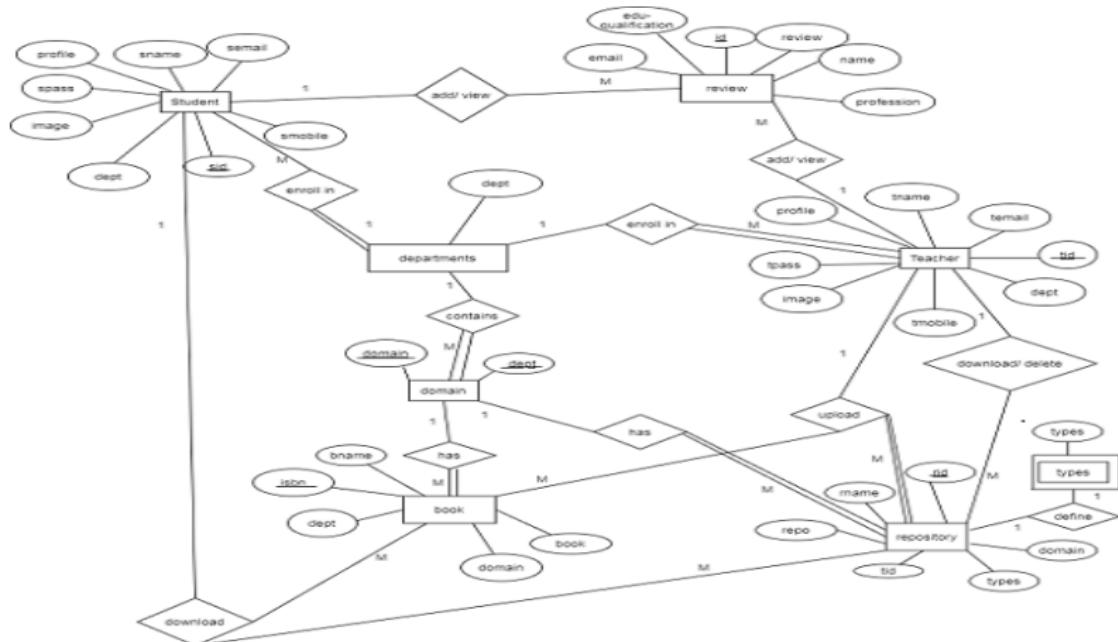
# USE-CASE DIAGRAM





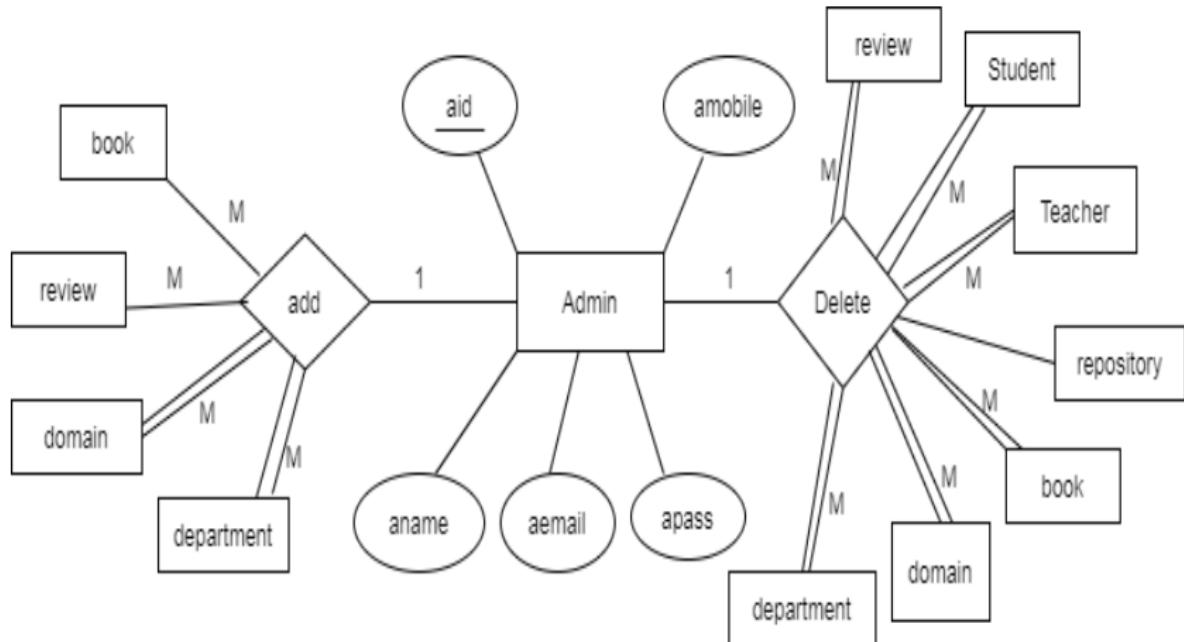
ER-Diagram

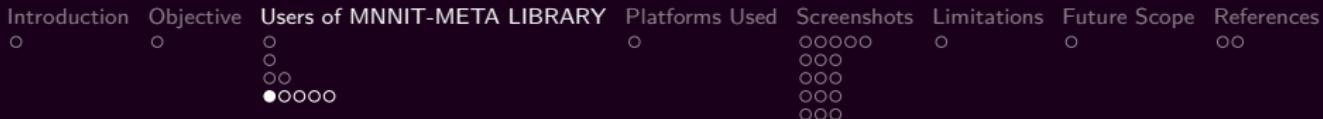
# ER DIAGRAM



## ER-Diagram

# ER DIAGRAM

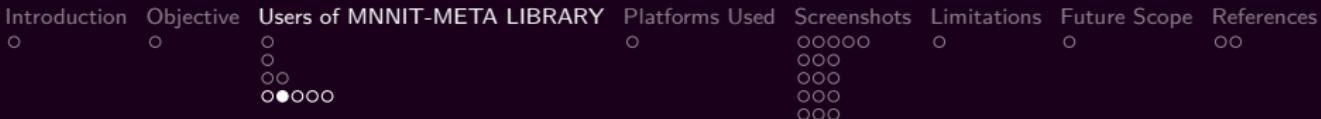




Roles

## GUEST'S ROLE

- View :
  - departments
  - subjects
  - faculties Details
  - books
  - notes
  - papers
  - videos
  - reviews
- Add their reviews.

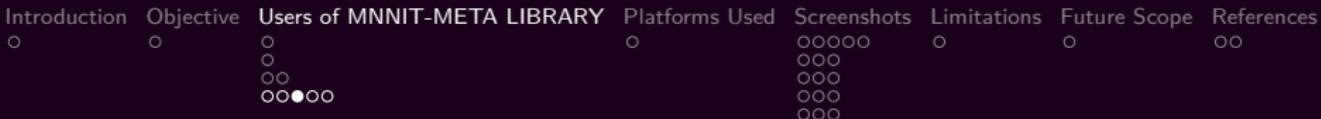


Roles

## STUDENT'S ROLE

In addition to Guest functionalities :

- Create account (mnnit mail id req.).
- Download : (only after sign in)
  - books
  - notes
  - profile picture
  - papers
- Update it's profile info. : (only after sign in)
  - mobile number
  - password
  - profile picture
  - resume

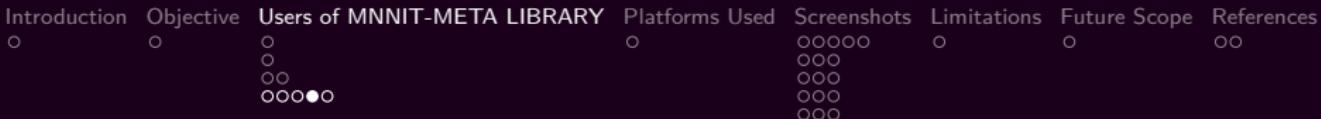


Roles

## TEACHER'S ROLE

In addition to Students functionalities.

- Upload : (only after sign in)
  - books
  - notes
  - videos
  - papers
- Delete : his/her own uploaded material (only after sign in)
  - notes
  - videos
  - papers



Roles

## ADMIN'S ROLE

Admin is the supreme authority and is responsible for managing the website.

In addition to Guest functionalities.

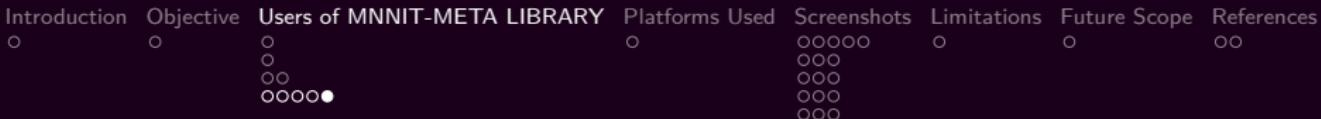
- Download : (only after sign in)

- books
- notes
- videos
- papers

- Upload : books (only after sign in)

- Update it's profile info. :

- mobile number
- password

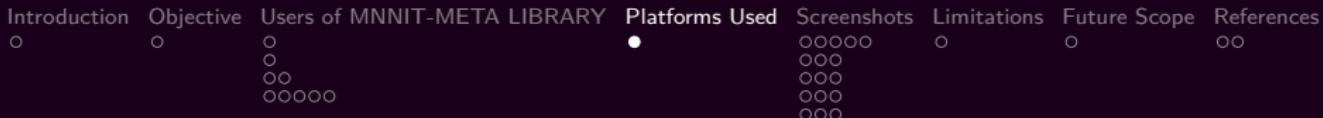


Roles

## ADMIN'S ROLE

### ■ Delete : (only after sign in)

- departments
- subjects
- faculties
- books
- notes
- papers
- videos
- reviews



# PLATFORMS USED

## Front End

- JAVA EE
- HTML/CSS/JS
- AJAX
- JQUERY
- JSP
- BOOTSTRAP

## Back End

- MYSQL
- JDBC (through servlets)

Home Page

# HOME PAGE

Web Browser

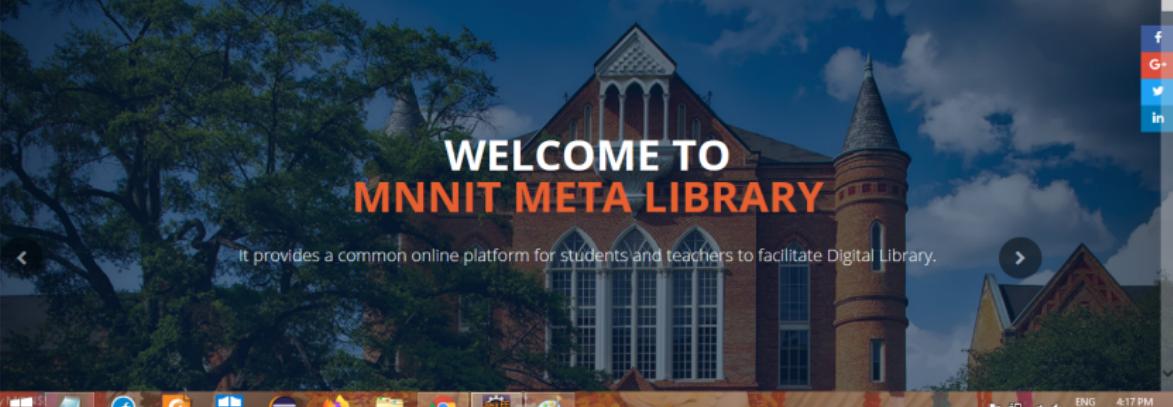
Address: MNNIT Allahabad, Tilar Ganj, Prayagraj, U.P.   Phone No.: 0532 - 2545404/07, 2540233, 2545729

[Sign In](#) [Sign Up](#)

 [MNNIT  
ALLAHABAD](#)

[Home](#) [About us](#) [Faculties](#) [Departments](#) [Reviews](#) [Contact us](#) [My Profile](#)

—Select a valid Department— [SEARCH COURSE](#)



## WELCOME TO MNNIT META LIBRARY

It provides a common online platform for students and teachers to facilitate Digital Library.



ENG 4:17 PM 02-Jul-20 INTL

Home Page

# HOME PAGE

The screenshot shows a web browser window with multiple tabs open. The active tab displays the 'MNNIT MetaLibrary' website. The page features a header with the MNNIT Allahabad logo and navigation links for Home, About us, Faculties, Departments, Reviews, Contact us, and My Profile. Below the header is a section titled 'Discover More' with four thumbnail images: 'Books', 'Videos', 'Papers', and 'Notes'. The main content area has a dark blue background with the word 'REVIEWS' in large white capital letters. It includes a message asking for valuable reviews and feedback, stating 'no need to sign up for giving feedback'. Below this is contact information: 'Mail ID : admin@mnnit.ac.in' and 'To directly contact the admin'. To the right of the main content is a light gray sidebar containing a form for user input. The form fields are: 'Full Name:' (input field placeholder 'Enter your name'), 'Email Id:' (input field placeholder 'Enter email'), 'Education Qualification:' (dropdown menu currently set to 'High School'), 'Profession:' (dropdown menu currently set to 'Student'), 'Review / Feedback:' (input field placeholder 'Enter your review'), and a large orange 'SUBMIT' button. On the far right of the sidebar are social media sharing icons for Facebook, Google+, Twitter, and LinkedIn. At the bottom of the browser window, there is a taskbar with various pinned icons and system status indicators.

Home Page

# VIEW VIDEOS

The screenshot shows a web browser window with the URL `localhost:8081/mnnitmetaleibrary/showallrepository.jsp?type=videos`. The page title is "Showing All videos ( 3 )". There are three video entries, each with a thumbnail labeled "COMPUTER SCIENCE AND ENGINEERING", a subject "Computer Graphics", a teacher name, and a download link.

Subject	Teacher name	Action
Computer Graphics	Mr Rajesh Tripathi	<a href="#">lecture1.mp4</a>
Computer Graphics	Professor	<a href="#">cg.mp4</a>
Computer Graphics	Professor	<a href="#">spcg.mp4</a>

At the bottom of the page, there are sections for "HELP & SUPPORT", "GET IN TOUCH", and "SOCIAL MEDIA". The "GET IN TOUCH" section includes an address, phone number, email, and a note about reporting site issues. The "SOCIAL MEDIA" section shows icons for Facebook, Google+, Twitter, and LinkedIn. The footer features a decorative wood-grain background and includes the Microsoft logo, a toolbar with various icons, and a status bar with "ENG INTL" and the date "03-Jul-20".

Home Page

# SIGN-UP

The screenshot shows a web browser window with the following details:

- Title Bar:** Faculty Profile, Register, localhost:8081/mnnitmatalibrary/register.jsp
- MNNIT ALLAHABAD Logo:** MNNIT ALLAHABAD
- Navigation Bar:** Home, About us, Faculties, Departments, Reviews, Contact us, My Profile
- Main Content Area:** A purple background with white text:
  - CREATE AN ACCOUNT**
  - Don't have an account? Create your account.
  - It's take less then a minutes
  - Join us for free!
  - ... (with three dots)
  - Are you a already member ? Login
- Form Fields (Right Side):**
  - Teacher dropdown menu
  - 00s9d43ee
  - Professor32
  - professor@gmail.com
  - 445485558956
  - ...
  - .....
  - Computer Science and Engineering dropdown menu
- File Input Fields:**
  - Passport size photo: only jpg/jpeg/png images are acceptable
  - Profile: only pdf files are acceptable
- Bottom Bar:** Windows taskbar with various icons (File Explorer, Edge, File Manager, etc.) and system status (ENG INTL, 6:04 PM, 02-Jul-20).

Home Page

# SIGN-IN

The screenshot shows a web browser window titled "Web Browser". The address bar displays "http://localhost:8081/mnnitmetalelibrary/index.jsp". The page header includes the MNNIT Allahabad logo, address, phone number, and social media links for Facebook, G+, Twitter, and LinkedIn. A "Sign In" and "Sign Up" button are visible in the top right. The main content area features a dark blue background with graduation caps and the text "Hello...". It prompts users without accounts to create one ("Create your account. It's take less then a minutes") and provides a "Create a new account" link. A central modal dialog box is open, titled "Login". It contains fields for "Email" and "Password", a dropdown menu for "I am:" set to "Student", and a "Remember me" checkbox. At the bottom of the modal are red "submit" and "reset" buttons. Below the modal, links for "Forgot password" and "Create a new account" are visible. The taskbar at the bottom shows various application icons, and the system tray indicates the date and time as "02-Jul-20" and "4:22 PM".

## Student's profile

# STUDENT'S PROFILE

The screenshot shows a web browser window for 'Faculty Profile' at 'localhost:8081/mnnitmetalelibrary/signin'. The main content area displays a large photograph of a library interior with many bookshelves and people. Below the photo is a user profile card:

**Student**  
Student Id: 2018ca00  
students@mnnit.ac.in  
[profile](#)

On the right, there are four cards with statistics:

- Total Teachers: 6
- Total Students: 2
- Total No. of Books: 24
- Total Repositories: 5

The taskbar at the bottom shows various application icons, and the system tray indicates the date and time as 6:54 PM on 02-Jul-20.

Student's profile

# SEARCH STUDY MATERIAL



## SEARCH FOR STUDY MATERIAL

Select the Department:

Computer Science and Engineering

Select the Domain:

Computer Graphics

Select the type of Material:

videos

select the teacher:

Mr Rajesh Tripathi



submit

reset

[back to profile](#)



Student's profile

# VIEW / DOWNLOAD STUDY MATERIAL

The screenshot shows a web application interface for viewing and downloading study materials. At the top, there is a navigation bar with tabs for 'Faculty Profile' and 'Repositories'. Below the navigation bar, a banner image depicts a large, modern library with curved bookshelves and people studying. On the left side of the main content area, there is a profile picture of a student and some basic information: 'Student', 'Student Id: 2018ca00', 'student@mnnit.ac.in', and a 'profile' button. In the center, a section titled 'SELECTED REPOSITORY' displays details for a specific item: 'Computer Science and Engineering' in the 'Department', 'Computer Graphics' in the 'Domain', 'videos' in the 'Type', and 'Mr Rajesh Tripathi' in the 'Teacher name'. A 'Download Link' button is shown next to the file name 'lecture5.mp4'. At the bottom of the page, there is a taskbar with various icons and system status indicators.

Department	Domain	Type	Teacher name	Download Link
Computer Science and Engineering	Computer Graphics	videos	Mr Rajesh Tripathi	lecture5.mp4

Teacher's profile

# TEACHER'S PROFILE

The screenshot shows a web browser window titled "Faculty Profile" with the URL "localhost:8081/mnnitmetaleibrary/teacher.jsp". The page has a dark blue header with the MNNIT Allahabad logo, a search bar, and navigation links for "Dashboard", "Home", and "Logout". On the left, there is a sidebar with a user profile picture, the title "Professor", email "professor@mnnit.ac.in", and phone number "5485558956". Below this are menu items: "Profile Setting", "Delete", "Add", "Book", "Material", and "Study Material". The main content area is titled "Teacher Dashboard" and displays four cards with statistics: "Total Teachers" (6), "Total Students" (1), "Total No. of Books" (24), and "Total Repositories" (4). At the bottom, there is a button labeled "Display All Reviews". The status bar at the bottom of the browser shows the URL "localhost:8081/mnnitmetaleibrary/insertrepository.jsp" and system information like "ENG INTL 6:44 PM 02-Jul-20".

Teacher's profile

# VIEW STUDY MATERIAL

The screenshot shows a web application interface for viewing study materials. The top navigation bar includes links for Faculty Profile, Study Material, Dashboard, Home, and Logout. On the left, a sidebar for 'Professor' displays contact information: professor@mnnit.ac.in and 5485558956. The main content area is titled 'Showing All Study Material' and features tabs for Books, Notes, Papers, and Videos. A sub-section titled 'Books Download' lists three items:

Department	Subject	ISBN	File name	Download
Biotechnology	nn	4141596969568	m.pdf	<a href="#">Download</a>
Chemical Engineering	Chemical Reaction Engineering	1414589654785	m.pdf	<a href="#">Download</a>
Chemical Engineering	Chemical Reaction Engineering	4747474747548	mm.pdf	<a href="#">Download</a>

The bottom status bar shows the URL localhost:8081/mnnitmetaleibrary/studyMaterial.jsp, the taskbar with various icons, and system information like ENG INTL and 6:45 PM 02-Jul-20.

Teacher's profile

# UPLOAD STUDY MATERIAL



## INSERT REPOSITORY FORM

Select the Department:

Select the Domain:

Select the type of Material:

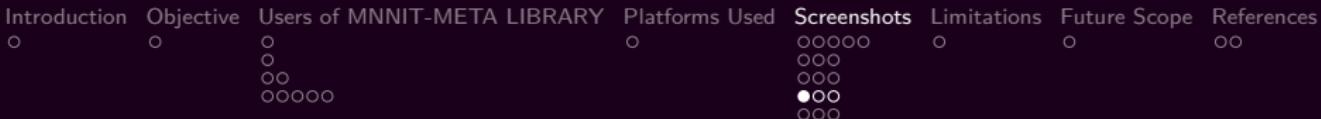
Enter the name of topic along with the extension:

File:

[Done Adding Material](#)





Admin's profile

# ADMIN'S PROFILE

(2) WhatsApp General (Computer Graphics (C)) New Tab MiniProject-ppt - Online LaTeX Admin

localhost:8081/mnnitmetaleibrary/admin.jsp#

MNNIT ALLAHABAD

Dashboard Home Logout

Profile Setting Delete Department Subject Teacher Students Book Material Reviews Add Study Material

admin admin@mnnit.ac.in 8160704377

**Admin Dashboard**

Total Teachers 6 Total Students 1 Total No. of Books 0 Total Repositories 7

**Display All Reviews**

NAME	EMAIL	EDUCATION	PROFESSION	REVIEW
saroj	saroj@gmail.com	High School	Student	awesome
alka	alka@gmail.com	High School	Student	good
Mansi Meheri	mansi@gmail.com	High School	Student	keep it up
mnnit	mnnit@mnnit.ac.in	Graduate	Student	bad

Windows 10 Taskbar: Icons for File Explorer, File History, Task View, Taskbar Settings, Edge, File Explorer, Google Chrome, Microsoft Word, Microsoft Excel, Microsoft Powerpoint, Microsoft Paint, and a folder icon.

System tray: ENG INTL 4:23 PM 03-Jul-20

Admin's profile

# DELETE DEPARTMENTS

The screenshot shows a web browser window with the following details:

- Title Bar:** Faculty Profile - Delete Departments
- Address Bar:** localhost:8081/mnnitmetallibrary/deleteDept.jsp#
- Header:** MNNIT ALLAHABAD (with logo), Dashboard, Home, Logout
- User Profile:** admin, admin@mnnit.ac.in, 81660704377
- Left Sidebar:** Profile Setting, Delete, Department, Subject, Teacher, Students, Book, Material, Reviews, Add.
- Main Content:** All Departments table with the following data:

DEPARTMENT	DELETE
Biotechnology	<a href="#">delete</a>
Chemical Engineering	<a href="#">delete</a>
Civil Engineering	<a href="#">delete</a>
Computer Science and Engineering	<a href="#">delete</a>
Electrical Engineering	<a href="#">delete</a>
Electronics and Communication Engineering	<a href="#">delete</a>
Mechanical Engineering	<a href="#">delete</a>

At the bottom of the browser window, there is a taskbar with various icons and system status information.

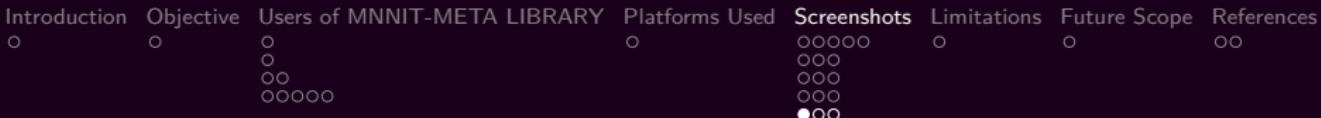
Admin's profile

# DOWNLOAD STUDY MATERIAL

A screenshot of a web browser window titled "Study Material". The address bar shows the URL "localhost:8081/mnnitmetlibrary/aStudyMaterial.jsp". The page has a dark blue header with the MNNIT Allahabad logo and navigation links for "Dashboard", "Home", and "Logout". On the left, a sidebar for the "admin" user (admin@mnnit.ac.in, 81660704377) includes options for "Profile Setting", "Delete", "Add", and "Study Material". The main content area is titled "Showing All Study Material" and displays a table of study materials under the "Notes Download" tab. The table has columns for Teacher Name/Department, Subject Name/Department, File name, and Download link. Two rows are shown:

Teacher Name/Department	Subject Name/Department	File name	Download
Professor (Computer Science and Engineering)	Analysis of Algorithms (Computer Science and Engineering)	algo.pdf	<a href="#">Download</a>
Professor (Computer Science and Engineering)	Computer Network (Computer Science and Engineering)	udp_tcp.pptx	<a href="#">Download</a>

At the bottom of the browser window, there are multiple tabs open, including "MiniProject\_ppt.pdf", "er2.png", and "teams.microsoft.com is sharing a window.". The taskbar at the bottom shows various application icons and the system clock "6:46 PM 03-Jul-20".



Home page - tabs

# VIEW REVIEW

Web Browser

Address: MNNIT Allahabad, Telar Ganj, Prayagraj, U.P. Phone No.: 0532 - 2545404/07, 2540233, 2545729

[Sign In](#) [Sign Up](#)

 MNNIT  
ALLAHABAD

Home About us Faculties Departments [Reviews](#) Contact us My Profile

--Select a valid Department-- [SEARCH COURSE](#)

Name	Email	Education	Profession	Review
Mansi Maheshwari mnnit	mansi@mnnit.ac.in mnnit@mnnit.ac.in	Post Graduate Graduate	Student Student	looks and works awesome bad

[f](#) [G+](#) [in](#) [Twitter](#) [LinkedIn](#)

**HELP & SUPPORT**

24x7 Live help  
Contact us

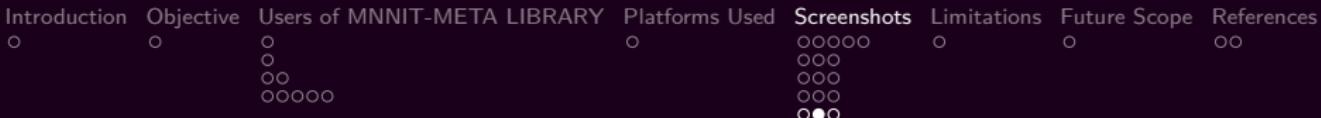
**GET IN TOUCH**

Address: MNNIT Allahabad, Telar Ganj, Prayagraj, U.P.  
Phone: 0532 - 2545404/07, 2540233, 2545729  
Email: mnnitmennitlibrary@mnnit.ac.in  
..(for site related issues)

**SOCIAL MEDIA**

[f](#) [G+](#) [in](#) [Twitter](#) [LinkedIn](#)





Home page - tabs

# CONTACT US

Web Browser

Address: MNNIT Allahabad, Tellar Ganj, Prayagraj, U.P.   Phone No.: 0532 - 2545404/07, 2540233, 2545729

[Sign In](#) [Sign Up](#)

 [Home](#) [About us](#) [Faculties](#) [Departments](#) [Reviews](#) [Contact us](#) [My Profile](#)

--Select a valid Department-- [SEARCH COURSE](#)

[f](#) [G+](#) [in](#)

## Contact Us

ADDRESS	CONTACT INFO	WEBSITE	LOCATION
MNNIT Allahabad, Tellar Ganj, Prayagraj, U.P.	Phone:0532 - 2545404/07, 2540233, 2545729 Email: <a href="mailto:secretary@mnnit.ac.in">secretary@mnnit.ac.in</a>	Website: <a href="http://www.mnnit.ac.in">http://www.mnnit.ac.in</a> Facebook: <a href="https://www.facebook.com/MNNIT.Allahabad">https://www.facebook.com/MNNIT.Allahabad</a>	<a href="#">Click to see Map view</a>



ENG INTL 4:34 PM 02-Jul-20

Home page - tabs

# ABOUT US

Web Browser

<http://localhost:8081/mnnitmetalelibrary/about.jsp>

MNNIT ALLAHABAD

Home   About us   Faculties   Departments   Reviews   Contact us   My Profile

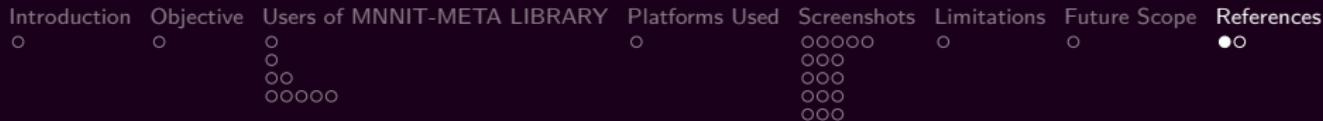
Student Name	Registration Number	Year	College Location
Alka Rani Tigga	Reg. no.: 2018CA11	MCA 2nd year	MNNIT Allahabad, Prayagraj
Mansi Maheshwari	Reg. no.: 2018CA02	MCA 2nd year	MNNIT Allahabad, Prayagraj
Saroj Kumari	Reg. no.: 2018CA25	MCA 2nd year	MNNIT Allahabad, Prayagraj

## LIMITATIONS

- Any substantial enhancement in website will require approval of the administrator.
- Availability of only freely available books.

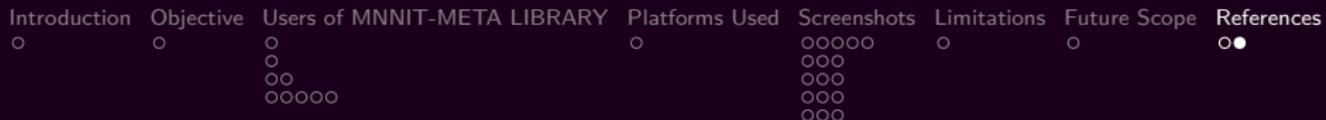
## FUTURE SCOPE

- Adding secure upload and download functionality for study material.
- During sign-up : email verification either through use of API or mailing a randomly generated code to the provided mail.
- Extending allowable type of uploading documents to .docx, .ppt, etc. formats.



## References

- <https://nalandabits-pilani.ac.in/>
- <http://bookboon.com>
- <https://www.free-ebooks.net>



THANK YOU !