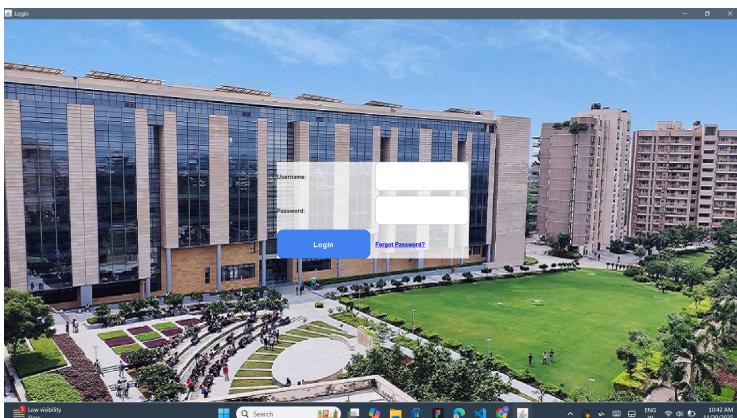


## Login page:



## Forgot password:

Enter Registered Email:

nirvan@iiitd.com

Send OTP

## Student dashboard:

Student Dashboard - Welcome Nirvan Kumar

- ... Notifications
- My Profile
- Time Table
- Result
- Course Catalog
- Course Registration
- Logout
- Download Transcri...

Welcome Nirvan Kumar  
Program: BTech  
Current Semester: 3  
Student ID: 1  
User ID: 1

Student Dashboard - Welcome Nirvan Kumar

- ... Notifications
- My Profile
- Time Table
- Result
- Course Catalog
- Course Registration
- Logout
- Download Transcri...

Course	Title	Day/Time	Room	Instructor
CS401	Operating Systems	Tue-Thu 12PM	Room 501	Dr. Mehta

My Time Table

Student Dashboard - Welcome Nirvan Kumar

- ... Notifications
- My Profile
- Time Table
- Result
- Course Catalog
- Course Registration
- Logout
- Download Transcri...

Code	Title	Secton	Instructor	Day/Time	Room	Capacity
CS101	Programming Fundamentals	1	Dr. Mehta	Mon-Wed 10AM	Room 101	60
CS101	Programming Fundamentals	11	Dr. Sharma	MON 09:00 - 11:00	Room 102	0
CS301	Data Structures	2	Dr. Mehta	Tue-Thu 11AM	Room 201	50
CS301	Advance Algorithms	10	Dr. Mehta	Mon-Wed 3PM	Room 501	557
CS401	Operating Systems	12	Dr. Mehta	Tue-Thu 12PM	Room 501	39
CS401	Advanced Machine Learning	3	Dr. Sharma	Wed-Fri 2PM	Room 301	40
CS701	Research Methods	9	Dr. Sharma	Tue-Thu 4PM	Room 401	40

Student Dashboard - Welcome Nirvan Kumar

- ... Notifications
- My Profile
- Time Table
- Result
- Course Catalog
- Course Registration
- Logout
- Download Transcri...

REGISTRATION IS LOCKED

Announcement for Students please see  
jai bhole ki

Student Dashboard - Welcome Nirvan Kumar

- Name: Nirvan Kumar  
Program: BTech  
Semester: 1 Load
- Notifications
- My Profile
- Time Table
- Result
- Course Catalog
- Course Registration
- Logout
- Download Transcri...

7.50

Course	Title	Credit	Grade	Point
CS101	Programming Fundamentals	4	B	7

Final SGPA: 7.00

Student Dashboard - Welcome Nirvan Kumar

- ... Notifications
- My Profile
- Time Table
- Result
- Course Catalog
- Course Registration
- Logout
- Download Transcri...

ACTIVE COURSES  
 CS401 - Operating Systems  
 CS301 - Data Structures  
COMPLETED COURSES (Read Only)  
 CS101 - Programming Fundamentals (Completed)  
 CS301 - Data Structures (Completed)

**Course Registration**

ACTIVE COURSES  
 C101 - Database Systems  
 AVAILABLE NEW COURSES  
 COMPLETED COURSES (Read Only)  
 C101 - Programming Fundamentals (Completed)  
 CS201 - Data Structures (Completed)

Notifications  
 My Profile  
 Time Table  
 Result  
 Course Catalog  
 Course Registration  
 Logout  
 Download Transcri...

**Save Transcript CSV**

Save In: C:\Users\Nirvan Kumar\Downloads  
 Custom Office Templates  
 Lenovo Voice  
 SMSY Folder  
 Sound Recordings  
 Signature of Viral Yadav resized.jpg

File Name: Transcript\_1.csv  
 Files of Type: All Files

Save Cancel

**Course Registration**

ACTIVE COURSES  
 C101 - Database Systems  
 AVAILABLE NEW COURSES  
 COMPLETED COURSES (Read Only)  
 C101 - Programming Fundamentals (Completed)  
 CS201 - Data Structures (Completed)

Notifications  
 My Profile  
 Time Table  
 Result  
 Course Catalog  
 Course Registration  
 Logout  
 Download Transcri...

**Message**

Transcript saved:  
 C:\Users\SHYAM\Downloads\Transcript\_1.csv

OK

AutoSave Off Save Search Home Page Layout Insert Draw Formulas Data Review View Help

Clipboard Font Alignment Number Conditional Formatting Format as Table Cells Editing Styles

A1 Name

1	Name	Nirvan Kumar				
2	Roll Numb	202501				
3						
4	Course Co	Course Tit	Credits	Grade	Semester	Year
5	CS101	Programm	4	B	7	1
6	CS201	Data Struc	4	B	8	2
7						
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10						
11						
12						
13						
14						
15						

Transcript\_1 + 100% Ready Accessibility: Unavailable

## Instructor dashboard:

**Instructor Dashboard**

My Profile  
 My Sections  
 Enter Marks  
 Manage Componen...  
 Class Stats  
 Admin Notifications  
 Post to Students  
 Logout

**Instructor Profile**

Name: Dr. Mehta  
 Department: CSE  
 Instructor ID: 1  
 User ID: 4

**My Sections**

**Enter Marks**

**Manage Componen...**

**Class Stats**

**Admin Notifications**

**Post to Students**

**Logout**

**My Sections**

**Section: Sec 1 | CS101 - Programming Fundamentals**

Enrollment ID	Student	Quiz	Assignment	Midterm	Final
1	202501 - Nirvan Kumar	100.0	100.0	100.0	100.0
2	MT202402 - Priya Sharma	9.0	8.0	8.0	10.0
3	2025C599 - Rahul Verma	9.0	87.0	90.0	94.0

Save Marks Import CSV Export CSV

**Instructor Dashboard**

My Profile  
 My Sections  
 Enter Marks  
 Manage Componen...  
 Class Stats  
 Admin Notifications  
 Post to Students  
 Logout

**Section: Sec 1 | CS101 - Programming Fundamentals**

Enrollment ID	Student	Quiz	Assignment	Midterm	Final
1	202501 - Nirvan Kumar	100.0	100.0	100.0	100.0
2	MT202402 - Priya Sharma	9.0	8.0	8.0	70.0
3	2025C599 - Rahul Verma	9.0	87.0	90.0	94.0

Save Marks Import CSV Export CSV

**Message**

Marks Saved & Grades Updated!

OK

Instructor Dashboard						
Section:	Sec 1   CS101 - Programming Fundamentals					
	Enrollment ID	Student	Quiz	Assignment	Midterm	Final
1	202501 - Nevan Kumar	100.0	100.0	100.0	100.0	100.0
2	MT202402 - Priya Sharma	100	9.0	9.0	70.0	
3	2025C399 - Renu Verma	9.0	87.0	86.0	84.0	

**My Profile**

**My Sections**

**Enter Marks**

**Manage Components**

**Class Stats**

**Admin Notifications**

**Post to Students**

**Logout**

Save

Save in:

Custom Office Templates

Lenovo Voice

SMS' folder

Sound Recordings

Signature of Virat Yadav resized.jpg

File Name: marks\_export.csv

Files of Type: All Files

[Save Marks](#) [Import CSV](#) [Export CSV](#)

Enrollment ID	Student Name	Quiz	Assignment	Midterm	Final
1	Enrollment ID	Quiz	Assignment	Midterm	Final
1	202501 - Nivyan Kumar	100	100	100	100
2	3 MT202402 - Priya Sharma	100	9	8	70
3	4 2025C599 - Neha Verma	9	87	66	64
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A screenshot of a Windows-style 'Open' file dialog. The title bar says 'Open'. The 'Look In:' dropdown shows 'Downloads' with a downward arrow. Below it is a list of files and folders: 'new zip', 'Project\_Final', 'project\_final1', 'Project1.1', 'projectwith\_correct', and 'zip'. At the bottom left are buttons for 'File Name:' (containing 'marks\_export.csv') and 'Files of Type:' (containing 'All Files'). On the right are 'Open' and 'Cancel' buttons.

The screenshot shows the Instructor Dashboard interface. On the left, a vertical sidebar lists navigation options: Instructor Dashboard, My Profile, My Sections, Enter Marks, Manage Components, Class Stats, Admin Notifications, Post to Students, and Logout. The main content area displays a table of student marks for Section Sec 1 | CS101 - Programming Fundamentals. The table has columns for Enrollment ID, Student, Quiz, Assignment, Midterm, and Final. Data rows include 202501 - Nevan Kumar, M7272402 - Prag Sharma, and 2025CS99 - Raha Verma. At the bottom right, there are buttons for Save Marks, Report CSV, and Export CSV. A modal dialog box titled "Message" is open in the center, displaying the message "CSV Imported Successfully!" with an OK button.

	Enrollment ID	Student	Quiz	Assignment	Midterm	Final
1	202501	Nevan Kumar	100.0	100.0	100.0	100.0
2	M7272402	Prag Sharma	100	80	80	80.0
3	2025CS99	Raha Verma	9.0	87.0	86.0	64.0

Message

CSV Imported Successfully!

OK

Save Marks Report CSV Export CSV

The screenshot shows a Windows desktop environment with a taskbar at the bottom and a central application window for 'Instructor Dashboard'.

**Taskbar (Bottom):**

- Icons for File Explorer, Task View, Search, Start, and other system functions.
- System status icons including battery level, signal strength, and volume.
- System tray icons for Power, Network, and Date/Time (13:35 PM, 10/21/2023).

**Instructor Dashboard Window:**

**Header:** Select Section: Sec 1 | CourseID 1 | Sem 1

**Table Data:**

Component ID	Name	Weightage	Max Marks
1	Quiz	10.0	100.0
2	Assignment	20.0	100.0
3	Midterm	30.0	100.0
4	Final	40.0	100.0

**Left Sidebar (Purple Bar):**

- My Profile
- My Sections
- Enter Marks
- Manage Components
- Class Stats
- Admin Notifications
- Post to Students
- Logout

**Bottom Buttons:**

- Add Component
- Delete Component

Instructor Dashboard

My Profile

My Sections

Enter Marks

Manage Components...

Class Stats

Admin Notifications

Post to Students

Logout

Select Section: Sec 1 | CourseID 1 | Sem 1

Component ID	Name	Weightage	Max Marks
1	Quiz	10.0	100.0
2	Assignment	20.0	100.0
3	Midterm	30.0	100.0
4	Final	40.0	100.0

Add Component

Name:

Weightage:

Max Marks:

OK Cancel

JAC\_Sunny

Search

EN5 In 11/21/2023

11/21/2023

**Instructor Dashboard:**

**Add Component:**

Component ID	Name	Weightage	Max Marks
1	Quiz	10.0	100.0
2	Assignment	20.0	100.0
3	Midterm	30.0	100.0
4	Final	40.0	100.0
5	Total	100.0	100.0

**Message:** Component Added! **OK.**

**Delete Component:**

Component ID	Name	Weightage	Max Marks
1	Quiz	10.0	100.0
2	Assignment	20.0	100.0
3	Midterm	30.0	100.0
4	Final	40.0	100.0
5	Total	100.0	100.0

**Message:** Component Deleted! **OK.**

**Class Statistics:**

CLASS STATISTICS	
Section	Value
Students Count	: 3
Mean Score	: 50.00
Min Score	: 35.00
Maximum Score	: 63.70
Std Dev	: 12.83

**Compute Statistics:**

**Admin Notes:**

**Post Student Announcement:**

**Manage Students:**

ID	Roll	Name	Program	Sem	Hostel A	Hostel B	UserID
1	2020I001	Nutan Kumar	BTECH	3	Hostel A	1	
2	MT202002	Priya Sharma	MTECH	2	Hostel B	2	
3	2020I003	Rajna Verma	BTECH	1	Hostel C	3	
4	2020I004	Anita Roy	MTECH	1	Hostel D	4	

**Add Student:**

Username:
2020I002
Email:
email@u.com
Password:
123456
Roll No:
145239
Name:
Praveen Kumar
Program:
BTECH
Semester:
1
Hostel (optional):
H2

**Admin Dashboard**

**Manage Students**

ID	Roll	Name	Program	Sem	Hostel	User ID
1	202501	Nutan Kumar	BTech	3	Hostel A	1
2	MT202002	Priya Sharma	BTech	2	Hostel B	2
3	2025CS99	Ram Verma	BTech	1	Hostel C	3
4	20240199	Anita Roy	BTech	1	Hostel D	4
5	145698	Varun	BTech	2	Hostel E	29

**Edit Student**

Username:

Email:

Password (unchanged):

Roll No:  M2C2R

Name:  Varun

Program:  BTech

Semester:  2

Hostel (optional):  H2

**Add** **Edit** **Delete** **Refresh**

**Admin Dashboard**

**Manage Instructors**

ID	Name	Dept	User ID
1	Dr. Mehta	CSE	4
2	Dr. Sharma	CSE	5

**Manage Admins**

**Manage Courses**

**Manage Sections**

**Registration Lock**

**Maintenance Mode**

**Notifications**

**Logout**

24PC Sunny 12:22 PM 11/21/2025

**Admin Dashboard**

**Manage Students**

User ID	Username	Email
admin	admin	admin@abc.com

**Manage Instructors**

**Manage Admins**

**Manage Courses**

**Manage Sections**

**Registration Lock**

**Maintenance Mode**

**Notifications**

**Logout**

24PC Sunny 12:22 PM 11/21/2025

**Admin Dashboard**

**Manage Admins**

**Manage Courses**

ID	Code	Title	Credits	Dept	Passed	MinSem	CGPA
1	CS101	Programming Fundamentals	4	CSE	BTECHMTECH	1	8.0
2	CS201	Data Structures	4	CSE	BTECHMTECH	2	8.0
3	CS301	Advance Algorithms	4	CSE	BTECHMTECH	3	8.5
4	CS401	Operating Systems	4	CSE	BTECHMTECH	4	8.0
5	CS501	Advanced Machine Learning	4	CSE	MTECHPHD	3	7.0
6	CS601	Research Methods	3	CSE	PHD	1	7.0

**Manage Sections**

**Registration Lock**

**Maintenance Mode**

**Notifications**

**Logout**

24PC Sunny 12:22 PM 11/21/2025

**Admin Dashboard**

**Manage Students**

**Manage Instructors**

**Manage Admins**

**Manage Courses**

**Manage Sections**

**Registration Lock**

**Maintenance Mode**

**Notifications**

**Logout**

**Enable Registration Lock**

24PC Sunny 12:23 PM 11/21/2025

**Admin Dashboard**

**Maintenance Mode**

**Enable Maintenance Mode**

Save

24PC Sunny 12:23 PM 11/21/2025

**Admin Dashboard**

**Manage Students**

**Manage Instructors**

**Manage Admins**

**Manage Courses**

**Manage Sections**

**Registration Lock**

**Maintenance Mode**

**Notifications**

**Logout**

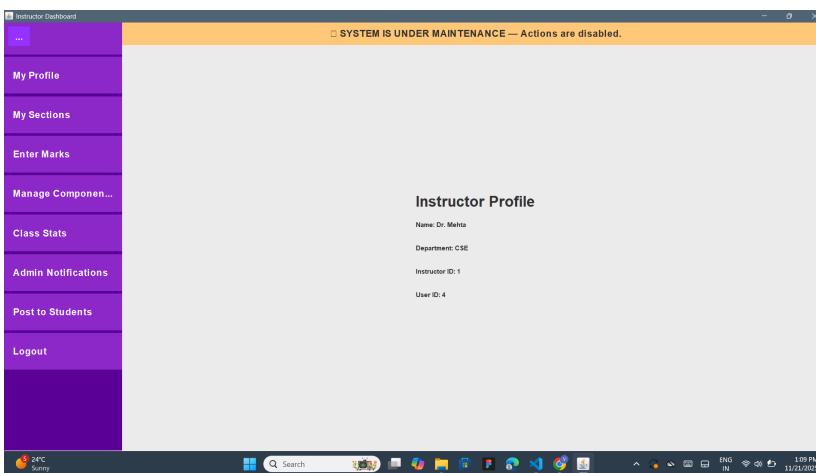
**Student Notification**  abc@abc.com

**Instructor Notification**  jo@abc.com

**Save** **Clear Student** **Clear Instructor** **Clear Both**

24PC Sunny 12:23 PM 11/21/2025

## **Notification when under maintenance:**



## **Final Grade Weightage:**

It's done according to the table named **course\_components**

	component_id	offering_id	component_name	weightage	created_by	max_marks
▶	1	1	Quiz	10.00	4	100.00
	2	1	Assignment	20.00	4	100.00
	3	1	Midterm	30.00	4	100.00
	4	1	Final	40.00	4	100.00
	5	2	Quiz	15.00	4	100.00
	6	2	Midterm	35.00	4	100.00
	7	2	Final	50.00	4	100.00
	8	3	Project	40.00	5	100.00
	9	3	Midterm	30.00	5	100.00
	10	3	Final	30.00	5	100.00

## **Roles assigned:**

Role	Permissions	Restrictions
Admin	Full control: manage users, courses, sections, assignments, toggle maintenance mode	None
Instructor	Limited to their own sections: enter grades, view stats, manage assessments	Cannot manage users, create courses, or edit sections outside their assignment
Student	Limited to their own registrations: register/drop courses, view timetable, see grades, download transcript	Cannot modify courses, sections, or other students' records

## **Maintainance management:**

- **When ON:** Students & Instructors( Can still log in and view dashboards, courses, grades, etc. but cannot perform any changes (e.g., register, drop, enter grades)); UI Banner: A visible banner is displayed across the interface at the top.
- Admins: Retain full control, including toggling Maintenance Mode OFF.

## Table in database:

Tables_in_erp_db	
▶	admin_settings
	course_components
	course_offerings
	course_prerequisites
	courses
	eligible_courses
	enrollments
Tables_in_auth_db	
	fees
	grades
	instructors
	sections
	semester_result
	student_component...
	student_component...
	students
	tas
Tables_in_auth_db	
▶	users

## Extras Added:

### 1. Multi-device database support:

The database has been designed (we have purchased ) to run across multiple devices,(but on other devices there is a delay of 1-2 minutes however on the localhost computer it run without any delay)

### 2. Implementation of grade locking/unlocking:

We have already written the code for locking and unlocking grades, but this feature will be implemented and activated in the future.