



ESHAN COLLEGE OF ENGINEERING, FARAH

(Approved by AICTE, New Delhi, Affiliated to Dr. A.P.J Abdul Kalam Technical University, Lucknow)
Sahzadpur Pauri, NH-2, Agra-Mathura Highway, Mathura-281122, Uttar Pradesh

Various methods for curriculum delivery to students in the College used by various Departments

Sr. No.	Name of Department	Methods of Teaching	Proofs
1.	Computer Science & Engineering Department	<ul style="list-style-type: none">• Chalk and Board/Projectors explanations (interactive Teaching)• Teaching using EGI Learning Management Systems (LMS)• Diagrams with content dictating• Interactive methods using PowerPoint presentations (PPT)• Group Discussions, Quizzes (Using google forms) & online website links for conducting quizzes, Quizzes in the form of games was conducted to energise the students during lockdown• Interactive methodology in all classes, with a focus on discussions and short presentations by students in front of other students• Questionnaire sessions• Group Assignments	Given Below

		<ul style="list-style-type: none"> • Search engines, e-books, Searching & reading Latest Content from Magazines, Journals & Conference Papers available in Institute Library • Open book classes during lockdown • ICT Methods via Google Classrooms, ZOOM platform, Use of screen sharing for presentations during explanation • e-Lectures method, YouTube videos Demonstrations, Incorporating YouTube Channels for Videos uploading for students • Simulation techniques & use of virtual labs • Covering important topics through Seminars & Guest Lectures of speakers from Industry & Academia • Organizing Industrial Trainings/ Internships in Industry/ Research Institutes • Field Visits with daily life practical applications of theoretical concepts, Project Reports • Practicals performing in Laboratories for concept Understanding & Hands on Practice • Available open educational resources such as NPTEL, INFLIBNET etc. • Solving Previous year question papers • Use of DELNET Library Resources available for content showing and sharing with Students • Use of AKTU Library Resources (Remote Learning) available in the College with Students (e-Content) 	
2.	Civil Engineering Department	<ul style="list-style-type: none"> • Group Discussions, Quizzes (Using google forms) & online website links for conducting quizzes, Quizzes in the form of games was conducted to energise the students during lockdown • Teaching using EGI Learning Management Systems (LMS) • Interactive methodology in all classes, with a focus on discussions and short presentations by students in front of other students • Chalk and Board/Projectors explanations (interactive Teaching) • Diagrams with content dictating 	Given Below

		<ul style="list-style-type: none"> • Interactive methods using PowerPoint presentations (PPT) • Questionnaire sessions • Group Assignments • Search engines, e-books, Searching & reading Latest Content from Magazines, Journals & Conference Papers available in Institute Library • Open book classes during lockdown • ICT Methods via Google Classrooms, ZOOM platform, Use of screen sharing for presentations during explanation • e-Lectures method, YouTube videos Demonstrations, Incorporating YouTube Channels for Videos uploading for students • Simulation techniques & use of virtual labs • Practicals performing in Laboratories for concept Understanding & Hands on Practice • Available open educational resources such as NPTEL, INFLIBNET etc. • Solving Previous year question papers • Use of DELNET Library Resources available for content showing and sharing with Students • Covering important topics through Seminars & Guest Lectures of speakers from Industry & Academia • Organizing Industrial Trainings/ Internships in Industry/ Research Institutes • Field Visits with daily life practical applications of theoretical concepts, Project Reports • Use of AKTU Library Resources (Remote Learning) available in the College with Students (e-Content) 	
3.	Electrical Engineering Department	<ul style="list-style-type: none"> • Chalk and Board/Projectors explanations (interactive Teaching) • Teaching using EGI Learning Management Systems (LMS) • Diagrams with content dictating • Interactive methods using PowerPoint presentations (PPT) 	Given Below

		<ul style="list-style-type: none"> • Group Discussions, Quizzes (Using google forms) & online website links for conducting quizzes, Quizzes in the form of games was conducted to energise the students during lockdown • Interactive methodology in all classes, with a focus on discussions and short presentations by students in front of other students • Questionnaire sessions • Group Assignments • Search engines, e-books, Searching & reading Latest Content from Magazines, Journals & Conference Papers available in Institute Library • Open book classes during lockdown • ICT Methods via Google Classrooms, ZOOM platform, Use of screen sharing for presentations during explanation • e-Lectures method, YouTube videos Demonstrations, Incorporating YouTube Channels for Videos uploading for students • Simulation techniques & use of virtual labs • Covering important topics through Seminars & Guest Lectures of speakers from Industry & Academia • Use of DELNET Library Resources available for content showing and sharing with Students • Organizing Industrial Trainings/ Internships in Industry/ Research Institutes • Field Visits with daily life practical applications of theoretical concepts, Project Reports • Practicals performing in Laboratories for concept Understanding & Hands on Practice • Available open educational resources such as NPTEL, INFLIBNET etc. • Use of AKTU Library Resources (Remote Learning) available in the College with Students (e-Content) • Solving Previous year question papers 	
4.	Mechanical Engineering Department	<ul style="list-style-type: none"> • Interactive methodology in all classes, with a focus on discussions and short presentations by students in front of other students 	Given Below

		<ul style="list-style-type: none"> • Teaching using EGI Learning Management Systems (LMS) • Questionnaire sessions • Group Assignments • Search engines, e-books, Searching & reading Latest Content from Magazines, Journals & Conference Papers available in Institute Library • Open book classes during lockdown • Chalk and Board/Projectors explanations (interactive Teaching) • Diagrams with content dictating • Interactive methods using PowerPoint presentations (PPT) • Group Discussions, Quizzes (Using google forms) & online website links for conducting quizzes, Quizzes in the form of games was conducted to energise the students during lockdown • Covering important topics through Seminars & Guest Lectures of speakers from Industry & Academia • Organizing Industrial Trainings/ Internships in Industry/ Research Institutes • Field Visits with daily life practical applications of theoretical concepts, Project Reports • Practicals performing in Laboratories for concept Understanding & Hands on Practice • Available open educational resources such as NPTEL, INFLIBNET etc. • Solving Previous year question papers • ICT Methods via Google Classrooms, ZOOM platform, Use of screen sharing for presentations during explanation • e-Lectures method, YouTube videos Demonstrations, Incorporating YouTube Channels for Videos uploading for students • Simulation techniques & use of virtual labs • Use of DELNET Library Resources available for content showing and sharing with Students 	
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		<ul style="list-style-type: none"> • Use of AKTU Library Resources (Remote Learning) available in the College with Students (e-Content) 	
5.	Applied Science & Humanities Department	<ul style="list-style-type: none"> • 'First Learning to Newcomers (FLNC)' through organizing Induction Programs every year with newly admitted students in the college • Teaching using EGI Learning Management Systems (LMS) • Chalk and Board/Projectors explanations (interactive Teaching) • Diagrams with content dictating • Interactive methods using PowerPoint presentations (PPT) • Group Discussions, Quizzes (Using google forms) & online website links for conducting quizzes, Quizzes in the form of games was conducted to energise the students during lockdown • Interactive methodology in all classes, with a focus on discussions and short presentations by students in front of other students • Questionnaire sessions • Group Assignments • Use of DELNET Library Resources available for content showing and sharing with Students • Search engines, e-books, Searching & reading Latest Content from Magazines, Journals & Conference Papers available in Institute Library • Open book classes during lockdown • ICT Methods via Google Classrooms, ZOOM platform, Use of screen sharing for presentations during explanation • e-Lectures method, YouTube videos Demonstrations, Incorporating YouTube Channels for Videos uploading for students • Simulation techniques & use of virtual labs • Covering important topics through Seminars & Guest Lectures of speakers from Industry & Academia • Organizing Industrial Trainings/ Internships in Industry/ Research Institutes 	Given Below

		<ul style="list-style-type: none"> • Field Visits with daily life practical applications of theoretical concepts, Project Reports • Practicals performing in Laboratories for concept Understanding & Hands on Practice • Use of AKTU Library Resources (Remote Learning) available in the College with Students (e-Content) • Available open educational resources such as NPTEL, INFLIBNET etc. • Solving Previous year question papers • Organizing Special lectures on Soft Skills during First year Courses • Fun Learning with classroom teaching with first year students • Asking engineering students to prepare Posters (Poster Making) to different content topics during the course teaching • Asking students to prepare small Models (Model Making) to learn & demonstrate important topics during engineering course • Teachers organizes Talk Shows for Delivering import Content with interest creating & asking students to participate 	
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Supporting Proofs are attached including various weblinks

Eshan College of Engineering, Farah, Mathura

1. Online Academic Monitoring System (University provided Remote access to college)

 **AKTU ERP**

Dashboard

Examinations

Value Education Cell

My Faculty Members

Home

Grievance

Misc

PHD

Attendance

Section Mapping

Add Students to Section

Register

Add Section to the Branch

Course :
(कोर्स)

Branch :
(शाखा)

Semester :
(सेमेस्टर)

Section:
(सेक्शन)


SUBMIT

RESET

Course	Branch	Semester	Section	Mapped Students
Bachelor of Pharmacy	Bachelor of Pharmacy	1	A	0
Bachelor of Pharmacy	Bachelor of Pharmacy	2	A G1	0
			A G2	0

Eshan College of Engineering, Farah, Mathura

← → ↻ ⚠ Not secure | aktu.aktuexams.in/aktusum22/LoginScreens/LoginPage.aspx




डा० ए०पी०जे० अब्दुल कलाम प्राविधिक विश्वविद्यालय, उत्तर प्रदेश, लखनऊ
Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow

The Digital Valuation System is the first of its kind in the world. The evaluation of answer scripts is done in a secured environment by digitizing the answer scripts first and then enabling the evaluation through our proprietary software application. The process life cycle includes automated dummy number allocation (coding of answer copies), digitizing the answer scripts, online evaluation and mark entry by the faculty, options for accessing answer keys and also moderation and report generation by the Controller of Examination. The evaluated answer scripts are then stored in a central repository. This further enables providing scanned answer copies to students online for viewing, archival and easier re-evaluation processes. The system is developed to enhance transparency, accountability, reliability and efficiency in the whole evaluation process.

User ID :
Password :

[Forgot Password](#)

[Faculty_Subject_Mapping_User_Manual](#)



AKTU_Faculty-Subj....pdf

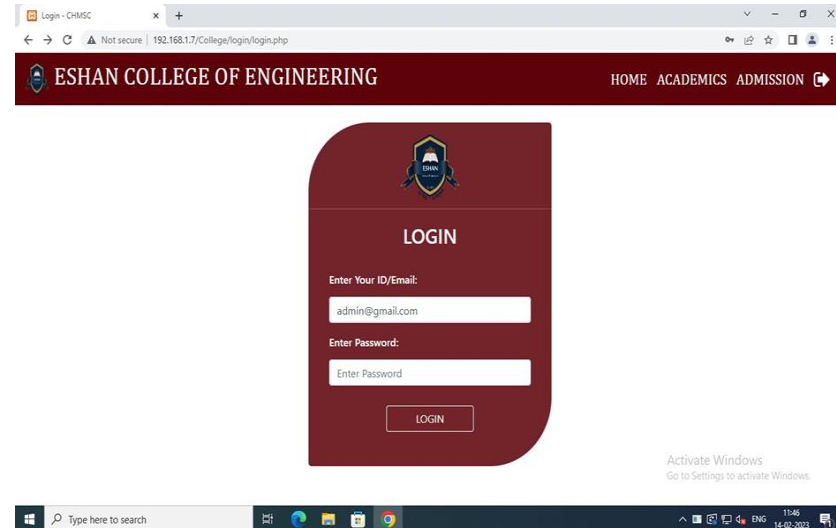
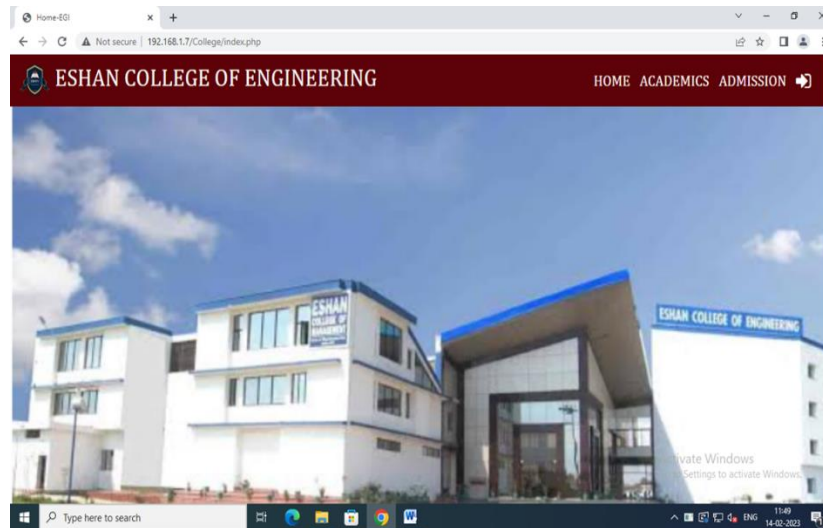
Show all

Type here to search

14°C Cloudy 21:44 24-01-2023

Eshan College of Engineering, Farah, Mathura

2. Teachers are using Learning Management Systems (LMS)



Eshan College of Engineering, Farah, Mathura

The screenshot shows the 'Admin - EGI' interface for Eshan College of Engineering. The top navigation bar includes 'HOME', 'ACADEMICS', and 'ADMISSION'. The left sidebar contains a 'Dashboard' menu and a list of administrative functions: Teacher Registration, Student Registration, Courses, Subjects, Time Table, Class Results, Teacher Salary, Student Attendance, Teacher Attendance, Student Fee, and Manage Account. The main content area displays the 'Department Subject Detail' table, which lists course codes, titles, semesters, total subjects, and total credit hours.

Course Code	Course Title	Semester	Total Subjects	Total Credit Hours
00	B.Tech. Civil Engineering	1	10	332
00	B.Tech. Civil Engineering	3	7	200
00	B.Tech. Civil Engineering	4	7	224
00	B.Tech. Civil Engineering	5	10	327
00	B.Tech. Civil Engineering	6	9	302
00	B.Tech. Civil Engineering	7	7	260
00	B.Tech. Civil Engineering	8	2	80
10	B.Tech. Computer Science & Engineering	3	11	340
10	B.Tech. Computer Science & Engineering	5	10	320
10	B.Tech. Computer Science & Engineering	7	8	270
20	B.Tech. Electrical Engineering	3	7	212
20	B.Tech. Electrical Engineering	4	9	306
20	B.Tech. Electrical Engineering	5	8	270
20	B.Tech. Electrical Engineering	6	7	226
20	B.Tech. Electrical Engineering	7	5	168
20	B.Tech. Electrical Engineering	8	4	165
40	B.Tech. Mechanical Engineering	3	10	320
40	B.Tech. Mechanical Engineering	5	10	320
40	B.Tech. Mechanical Engineering	7	7	240

The screenshot shows the 'Admin - Subjects' interface. The top navigation bar includes 'HOME', 'ACADEMICS', and 'ADMISSION'. The left sidebar contains a 'Dashboard' menu and a list of administrative functions: Teacher Registration, Student Registration, Courses, Subjects, Time Table, Class Results, Teacher Salary, Student Attendance, Teacher Attendance, Student Fee, and Manage Account. The main content area displays the 'Subject Management System' form, which includes fields for Subject Code, Subject Name, Semester, Course Code, and Credit Hours. Below the form is a table listing subjects with columns for Sr.No, Subject Code, Subject Name, Course Code, Semester, Credit Hours, and Action.

Sr.No	Subject Code	Subject Name	Course Code	Semester	Credit Hours	Action
1	KAS-301	TECHNICAL COMMUNICATION	10	3	40	Delete
2	KAS101T	Engineering Physics	00	1	42	Delete
3	KAS103T	Engineering Mathematics-I	00	1	42	Delete
4	KAS151P	Engineering Physics Lab	00	1	22	Delete

The screenshot shows the 'Admin - Courses' interface. The top navigation bar includes 'HOME', 'ACADEMICS', and 'ADMISSION'. The left sidebar contains a 'Dashboard' menu and a list of administrative functions: Teacher Registration, Student Registration, Courses, Subjects, Time Table, Class Results, Teacher Salary, Student Attendance, Teacher Attendance, Student Fee, and Manage Account. The main content area displays the 'Course Management System' form, which includes fields for Course Code, Course Name, Semester Or Years, and No of Years. Below the form is a table listing courses with columns for Sr.No, Course Code, Course Name, Semester/Years, and Action.

Sr.No	Course Code	Course Name	Semester/Years	Action
1	00	B.Tech. Civil Engineering	4	Delete
2	10	B.Tech. Computer Science & Engineering	4	Delete
3	20	B.Tech. Electrical Engineering	4	Delete
4	31	B.Tech. Electronics & Communication Engineering	4	Delete
5	40	B.Tech. Mechanical Engineering	4	Delete

Eshan College of Engineering, Farah, Mathura

Admin - Subjects

192.168.1.7/College/admin/subjects.php

ESHAN COLLEGE OF ENGINEERING

HOME ACADEMICS ADMISSION

Dashboard

Teacher Registration

Student Registration

Courses

Subjects

Time Table

Class Results

Teacher Salary

Student Attendance

Teacher Attendance

Student Fee

Manage Account

ID	Course Code	Subject	Room	Day	Time	Delete
18	KCE302	SURVEYING AND GEOMATICS	00	3	40	Delete
19	KCE303	FLUID MECHANICS	00	3	40	Delete
20	KCE351	BUILDING PLANNING AND DRAWING LAB	00	3	20	Delete
21	KCE352	SURVEYING AND GEOMATICS LAB	00	3	20	Delete
22	KCE353	FLUID MECHANICS LAB	00	3	20	Delete
23	KCE354	Mini Project or Internship Assessment*	00	3	20	Delete
24	KCE401	MATERIALS TESTING AND CONSTRUCTION PRACTICES	00	4	40	Delete
25	KCE402	INTRODUCTION OF SOLID MECHANICS	00	4	42	Delete
26	KCE403	HYDRAULIC ENG AND MECHANICS	00	4	40	Delete
27	KCE451	MATERIAL TESTING LAB	00	4	20	Delete
28	KCE452	SOLID MECHANICS LAB	00	4	20	Delete
29	KCE453	HYDRAULIC AND HYDRAULIC MACHINE LAB	00	4	20	Delete
30	KCE501	Geotechnical Engineering	00	5	40	Delete

Admin - Register Student

192.168.1.7/College/admin/Student.php

ESHAN COLLEGE OF ENGINEERING

HOME ACADEMICS ADMISSION

Dashboard

Teacher Registration

Student Registration

Courses

Subjects

Time Table

Class Results

Teacher Salary

Student Attendance

Teacher Attendance

Student Fee

Manage Account

Add New Student

Applicant First Name*

Applicant Last Name*

Mother Name*

Father Name*

Student Roll No:

Applicant Email*

Course which you want?:

Select Course

Select Semester:

Select Semester

Your Profile Image:

Choose File

No file chosen

Batch:

Select Option

Category:

Select Option

Country:

Select Option

Hostel:

Select Option

State:

Select Option

City*:

Date of Birth:

dd-mm-yyyy

Mobile No*:

Gender:

Select Gender

Permanent Address:

Current Address:

Place of Birth:

Admin - EGI

192.168.1.7/College/admin/admin-index.php

ESHAN COLLEGE OF ENGINEERING

HOME ACADEMICS ADMISSION

Dashboard

Teacher Registration

Student Registration

Courses

Subjects

Time Table

Class Results

Teacher Salary

Student Attendance

Teacher Attendance

Student Fee

Manage Account

Admin Dashboard

Time Table

Class Name	Time	Day	Subject	Room No
BCA 5	09:30 10:40	Monday	UGCA-1936	MB-202
BCA 5	10:40 11:30	Monday	UGCA-1935	MB-202
BCA 5	11:30 12:20	Monday	UGCA-1932	MB-202
BCA 5	09:30 10:40	Tuesday	UGCA-1930	MCA LAB-1
BCA 5	09:30 10:40	Tuesday	UGCA-1938	MCA LAB-2
BCA 5	10:40 12:20	Tuesday	UGCA-1931	MCA LAB-2
BCA 5	10:40 12:20	Tuesday	UGCA-1941	PL-1

Program List

Course Code	Course Name
00	B.Tech. Civil Engineering
10	B.Tech. Computer Science & Engineering
20	B.Tech. Electrical Engineering
31	B.Tech. Electronics & Communication Engineering
40	B.Tech. Mechanical Engineering

Department Subject Detail

Course Code	Course Title	Semester	Total Subjects	Total Credit Hours
00	B.Tech. Civil Engineering	1	10	332
00	B.Tech. Civil Engineering	1	10	332

Admin - Time Table

192.168.1.7/College/admin/time-table.php

ESHAN COLLEGE OF ENGINEERING

HOME ACADEMICS ADMISSION

Dashboard

Teacher Registration

Student Registration

Courses

Subjects

Time Table

Class Results

Teacher Salary

Student Attendance

Teacher Attendance

Student Fee

Manage Account

Time Table Management System

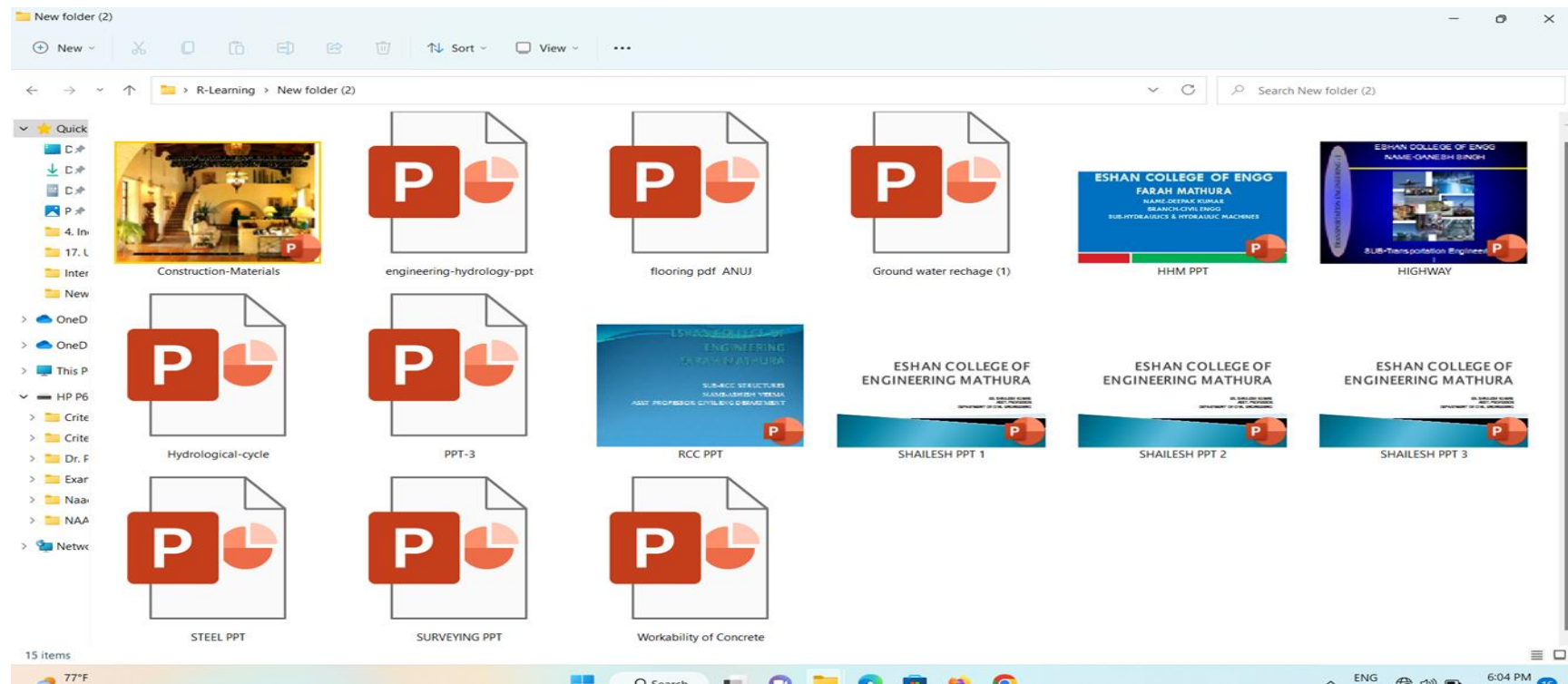
Add Time Table

Classes Time Table

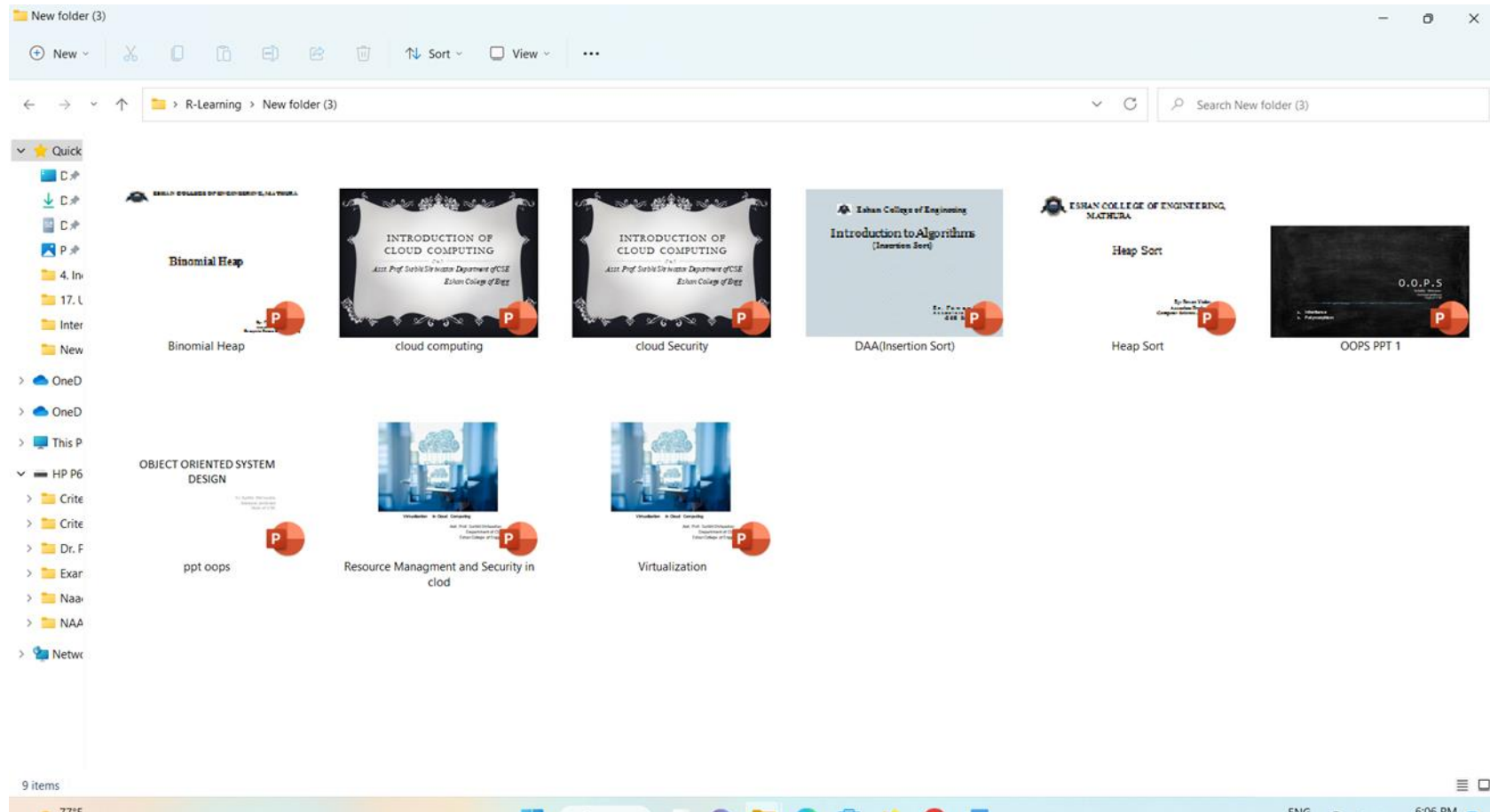
I'd	Class Name	Timming	Day	Subject	Room No
1	BCA 5	09:30 AM 10:40 AM	Monday	UGCA-1936	MB-202
2	BCA 5	10:40 AM 11:30 AM	Monday	UGCA-1935	MB-202
3	BCA 5	11:30 AM 12:20 PM	Monday	UGCA-1932	MB-202
4	BCA 5	09:30 AM 10:40 AM	Tuesday	UGCA-1930	MCA LAB-1
5	BCA 5	09:30 AM 10:40 AM	Tuesday	UGCA-1938	MCA LAB-2
6	BCA 5	10:40 AM 12:20 PM	Tuesday	UGCA-1931	MCA LAB-2
7	BCA 5	10:40 AM 12:20 PM	Tuesday	UGCA-1941	PL-1

Eshan College of Engineering, Farah, Mathura

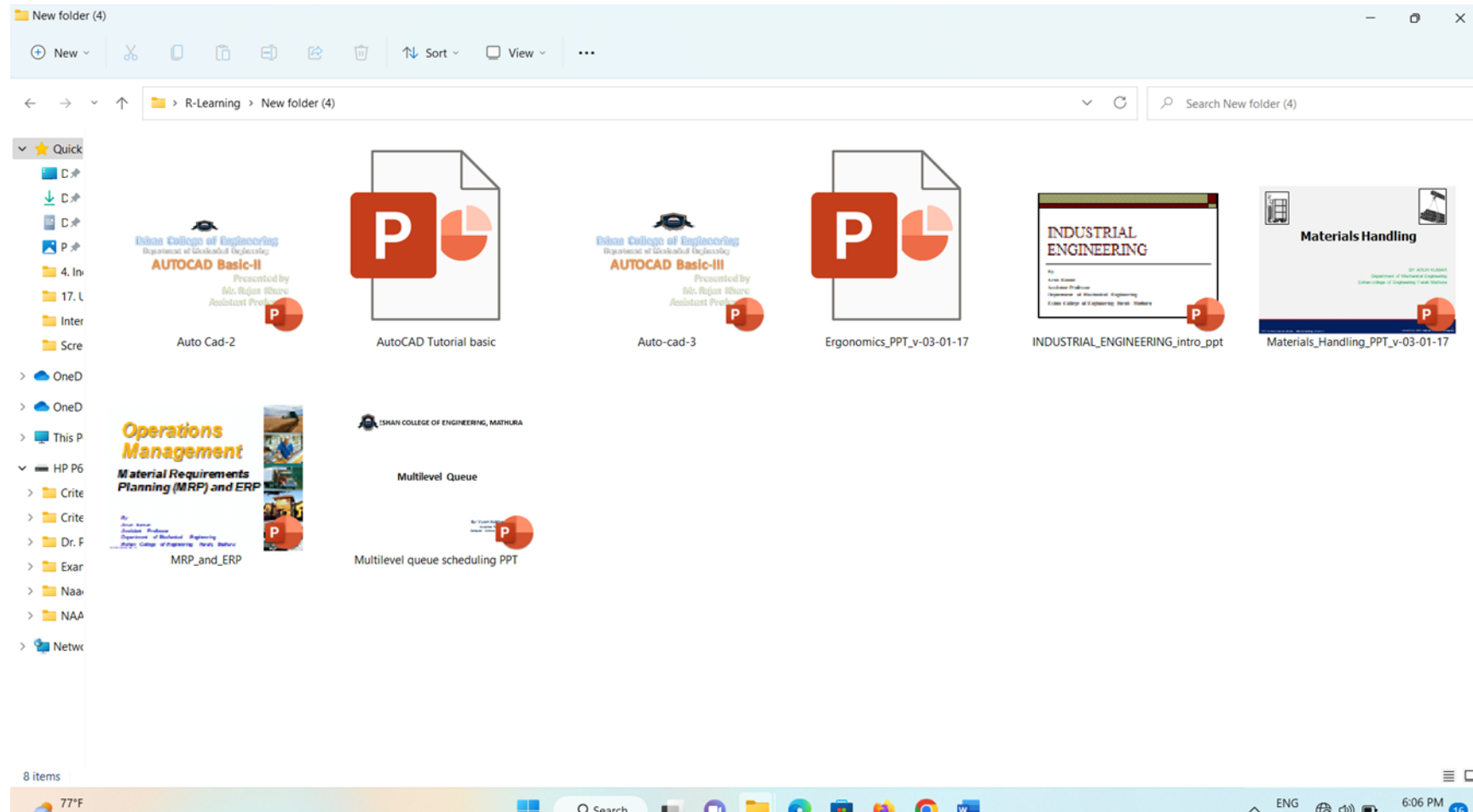
3. e-Learning: Teachers prepare Power point presentations and share with students in classes and through other sharing tools



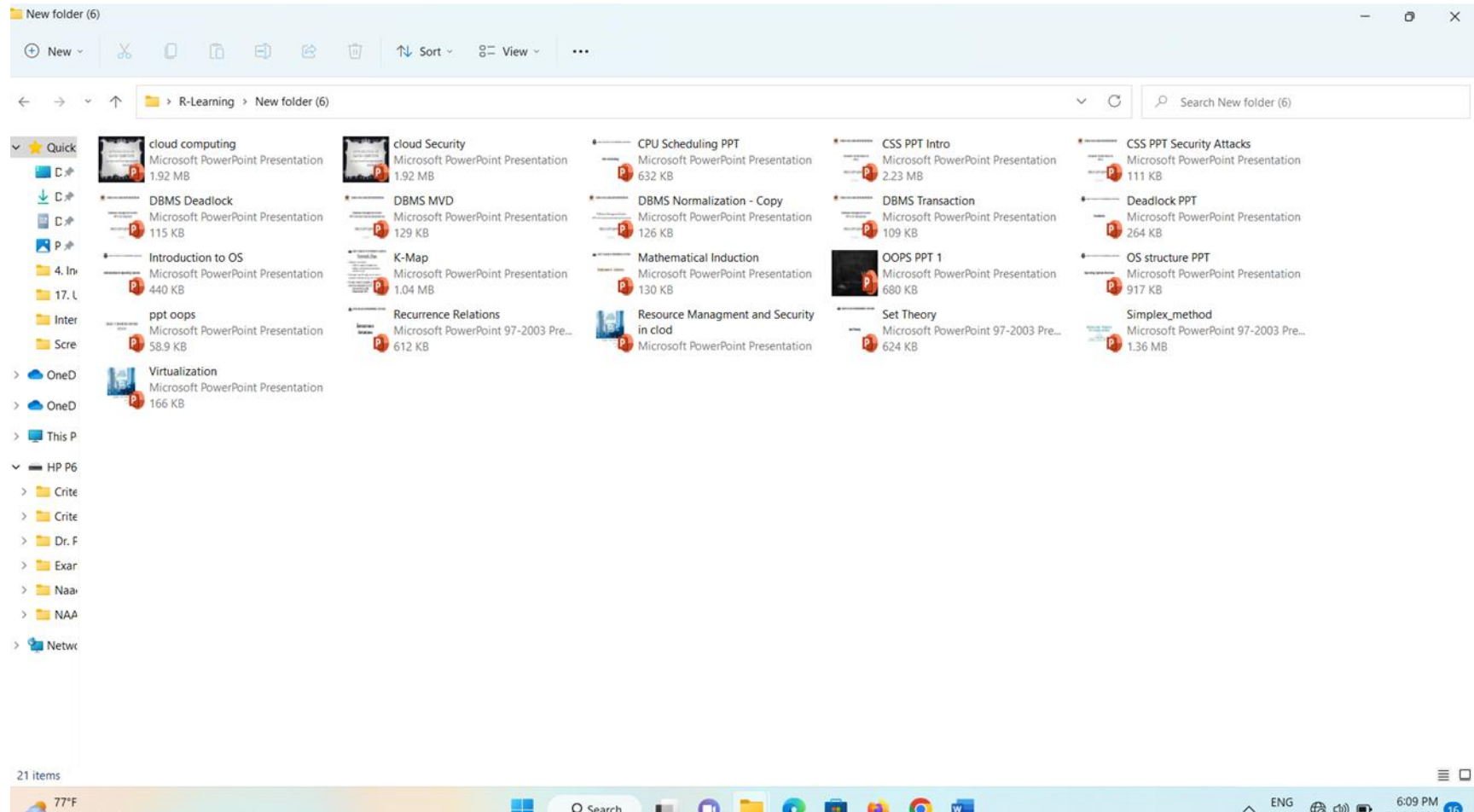
Eshan College of Engineering, Farah, Mathura



Eshan College of Engineering, Farah, Mathura



Eshan College of Engineering, Farah, Mathura



Eshan College of Engineering, Farah, Mathura

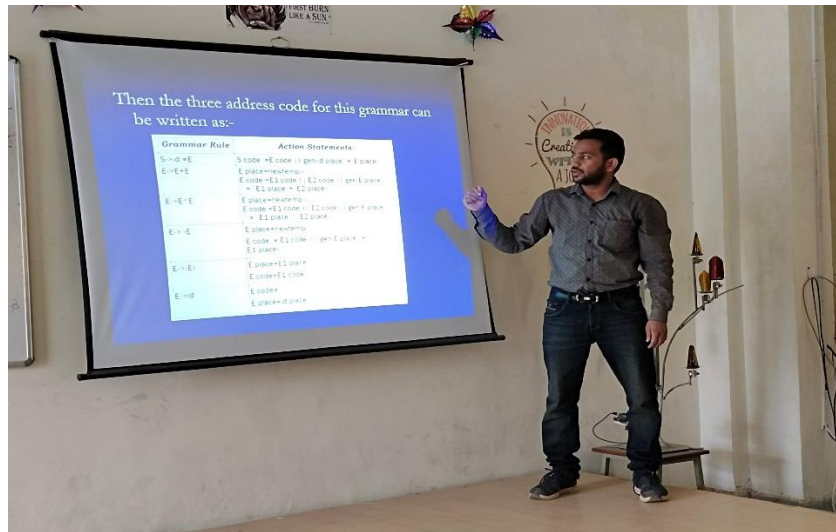
4. Teachers are using Projectors for delivering e-content (PowerPoint presentations: PPTs)



Eshan College of Engineering, Farah, Mathura

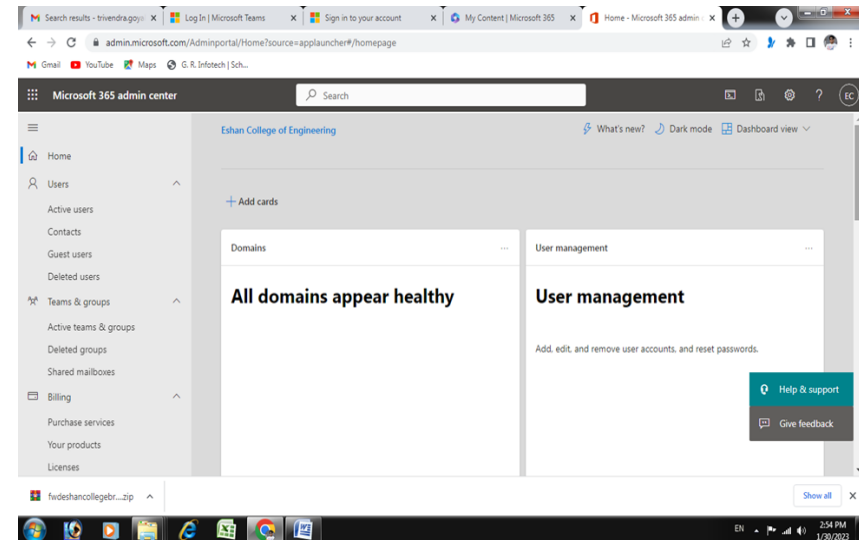


Eshan College of Engineering, Farah, Mathura



Eshan College of Engineering, Farah, Mathura

5. Use of Microsoft Teams (MS Teams) {ICT Methods based Teaching}



Eshan College of Engineering, Farah, Mathura

Microsoft 365 admin center

Search

Microsoft 365 Distribution list Mail-enabled security Security

Search all teams and groups

Add a group Export Refresh

52 items Filter

Name	Email	Sync status	Teams status	Membership type	Privacy
B.Tech CE - IV Year	b.techce-ivyear@eshancollegeonline			Assigned	HiddenMembers
B.Tech CS - II Year	b.techcs-iiyear@eshancollegeonline			Assigned	HiddenMembers
B.Tech CS - III Year	b.techcs-iiiyear@eshancollegeonline			Assigned	HiddenMembers
B.Tech CS - IV Year	b.techcs-ivyear@eshancollegeonline			Assigned	HiddenMembers
B.Tech EE-II YR	b.techee-iiyr@eshancollegeonline			Assigned	HiddenMembers
B.Tech EE - III Year	b.techee-iiyear@eshancollegeonline			Assigned	HiddenMembers
B.Tech EE - IV Year	b.techee-ivyear@eshancollegeonline			Assigned	HiddenMembers

Help & support Give feedback

fwdeshancollegebr...zip

Show all

Microsoft 365 admin center

Search

Microsoft 365 Distribution list Mail-enabled security Security

Search all teams and groups

Add a group Export Refresh

52 items Filter

Name	Email	Sync status	Teams status	Membership type	Privacy
B.Tech CE - IV Year	b.techce-ivyear@eshancollegeonline			Assigned	HiddenMembers
B.Tech CS - II Year	b.techcs-iiyear@eshancollegeonline			Assigned	HiddenMembers
B.Tech CS - III Year	b.techcs-iiiyear@eshancollegeonline			Assigned	HiddenMembers
B.Tech CS - IV Year	b.techcs-ivyear@eshancollegeonline			Assigned	HiddenMembers
B.Tech EE-II YR	b.techee-iiyr@eshancollegeonline			Assigned	HiddenMembers
B.Tech EE - III Year	b.techee-iiyear@eshancollegeonline			Assigned	HiddenMembers
B.Tech EE - IV Year	b.techee-ivyear@eshancollegeonline			Assigned	HiddenMembers

Help & support Give feedback

fwdeshancollegebr...zip

Show all

Microsoft 365 admin center

Search

Add a user User templates Add multiple users Multi-factor authentication

Search active users list

Display name	Username	Licenses
ABHISHEK_CE_1904710009002	abhishek1904710009002@eshancollegeonline	Office 365 A1 for students
ABHISHEK_CE_19E152632200017	abhishek19E152632200017@eshancollegeonline	Office 365 A1 for students
ABHISHEK_CE_2004710000002	abhishek2004710000002@eshancollegeonline	Office 365 A1 for students
ABHISHEK_CE_20E152637500003	abhishek20E152637500003@eshancollegeonline	Office 365 A1 for students
ABHISHEK_CSE_1712610003	abhishek1712610003@eshancollegeonline	Office 365 A1 for students
ABHISHEK_CSE_208CS0019	abhishek208CS0019@eshancollegeonline	Office 365 A1 for students
ABHISHEK_EE_1747120001	abhishek1747120001@eshancollegeonline	Office 365 A1 for students
ABHISHEK_EE_18E152632800024	abhishek18E152632800024@eshancollegeonline	Office 365 A1 for students
ABHISHEK_EE_18E152632800025	abhishek18E152632800025@eshancollegeonline	Office 365 A1 for students

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Show all

Microsoft 365 admin center

Search

Add a user User templates Add multiple users Multi-factor authentication

Search active users list

Display name	Username	Licenses
Manish_EE_19E152632800006	manish19E152632800006@eshancollegeonline	Office 365 A1 for students
Manish_EE_19E152637800003	manish19E152637800003@eshancollegeonline	Office 365 A1 for students
Manmohan_CSE_208CS0025	manmohan208CS0025@eshancollegeonline	Office 365 A1 for students
Mansi Singh	mansiba015@eshancollegeonline	Office 365 A1 for students
MANVENDRA_CE_1904710000004	manvendra1904710000004@eshancollegeonline	Office 365 A1 for students
Manvendra_CE_198CE00010	manvendra198CE00010@eshancollegeonline	Office 365 A1 for students
Mayank_CSE_19E161835500037	mayank19E161835500037@eshancollegeonline	Office 365 A1 for students
Mayank_ME_198MEP00101	mayank198MEP00101@eshancollegeonline	Office 365 A1 for students
MOHD_EE_1847120010	mohd1847120010@eshancollegeonline	Office 365 A1 for students

fwdeshancollegebr...zip

Show all

Eshan College of Engineering, Farah, Mathura

This screenshot shows the Microsoft 365 Admin Center interface. The left-hand navigation pane includes links for Home, Users, Active users, Contacts, Guest users, Deleted users, Teams & groups, Active teams & groups, Deleted groups, Shared mailboxes, Billing, Purchase services, Your products, and Licenses. The main content area displays a table of active users with columns for Display name, Username, and Licenses. A search bar at the top right of the table is labeled 'Search active users list'.

Display name	Username	Licenses
Priyanka Asthana	e0017@eshancollegeonline	Office 365 A1 for faculty
R. Vishvakarma	e1000@eshancollegeonline	Office 365 A1 for faculty
Rajeev Shanker Pathak	e0023@eshancollegeonline	Office 365 A1 for faculty
Rashmi Jain	e0020@eshancollegeonline	Office 365 A1 for faculty
Ritu Singh	ritu081@eshancollegeonline	Office 365 A1 for faculty
Sandeep Gupta	e0004@eshancollegeonline	Office 365 A1 for faculty
Sanjay Agarwal	S1000@eshancollegeonline	Office 365 A1 for faculty
Shalendra Kumar Gautam	e0029@eshancollegeonline	Office 365 A1 for faculty
Shallesh Kumar	e0015@eshancollegeonline	Office 365 A1 for faculty

This screenshot shows the Microsoft 365 Admin Center interface, displaying a different set of active users. The layout and navigation pane are identical to the first screenshot. The main content area displays a table of active users with columns for Display name, Username, and Licenses. A search bar at the top right of the table is labeled 'Search active users list'.

Display name	Username	Licenses
Shiva Gupta	e0018@eshancollegeonline	Office 365 A1 for faculty
Sushil Kumar Rai	e0003@eshancollegeonline	Office 365 A1 for faculty
Trivendra Goyal	T1000@eshancollegeonline	Office 365 A1 for faculty
Vinay Gupta	e0036@eshancollegeonline	Office 365 A1 for faculty
Vinay Pratap Singh	e0005@eshancollegeonline	Office 365 A1 for faculty
Vineet Arora	e0006@eshancollegeonline	Office 365 A1 for faculty
Vyom Kulshreshtha	e0021@eshancollegeonline	Office 365 A1 for faculty
Yogendra Singh	e0083@eshancollegeonline	Office 365 A1 for faculty

Eshan College of Engineering, Farah, Mathura

6. Group Discussions, Quizzes (Using google forms) & online website links for conducting quizzes



<https://quizizz.com/join>

Eshan College of Engineering, Farah, Mathura

7. Interactive methodology in all classes, with a focus on discussions and **short presentations** by students in front of other students



Eshan College of Engineering, Farah, Mathura

8. Search engines, e-books, Searching & reading Latest Content from Magazines, Journals & Conference Papers available in Institute Library

Sample List

<https://www.edx.org/learn/computer-engineering>

<https://www.edx.org/learn/electrical-engineering>

<https://www.edx.org/learn/mechanical-engineering>

<https://www.edx.org/learn/civil-engineering>

<https://library.oapen.org/bitstream/20.500.12657/53006/1/9781482257571.pdf>

<https://library.oapen.org/bitstream/20.500.12657/41642/1/9781135809508.pdf>

https://library.oapen.org/bitstream/20.500.12657/43306/1/2021_Book_MesoscaleAnalysisOfHydraulics.pdf

<https://library.oapen.org/bitstream/20.500.12657/52152/1/9780203834442.pdf>

<https://www.frontiersin.org/research-topics/7721/diagnostic-and-proof-load-tests-on-bridges>

<https://library.oapen.org/bitstream/20.500.12657/53659/1/9781466570108.pdf>

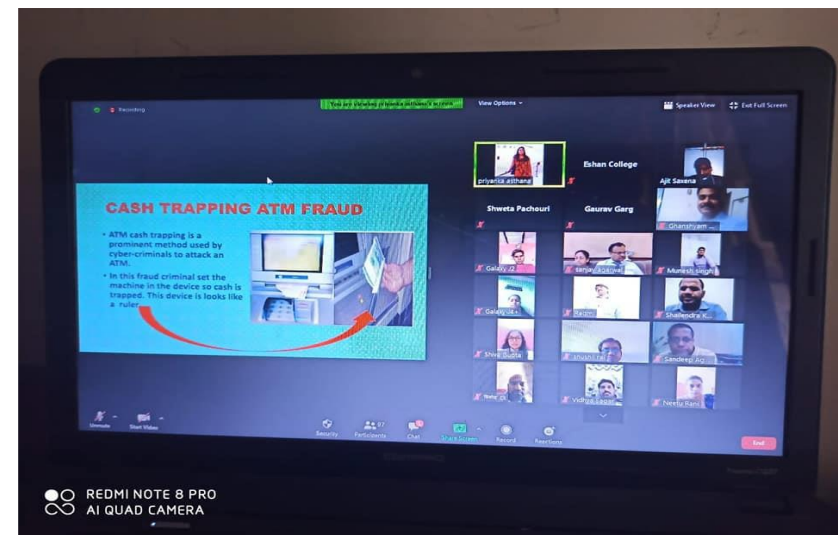
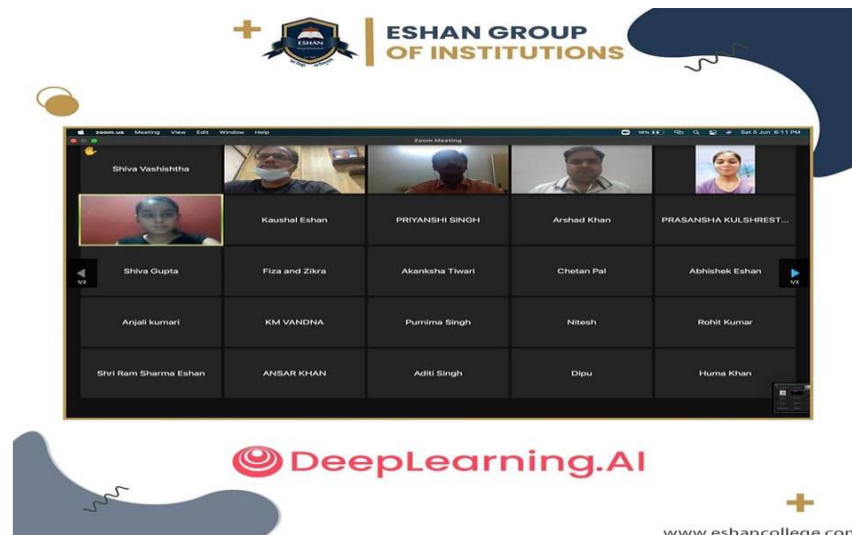
<https://www.frontiersin.org/research-topics/9194/geotechnical-innovation-for-transport-infrastructure>

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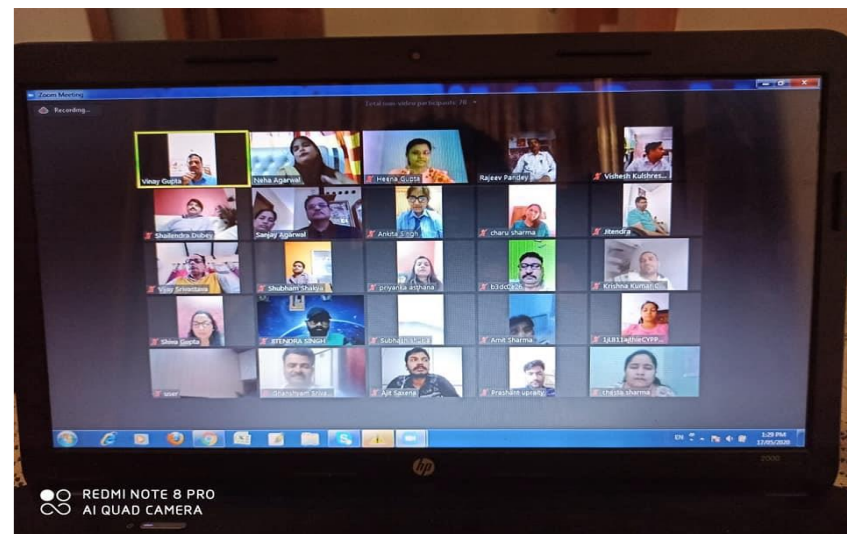
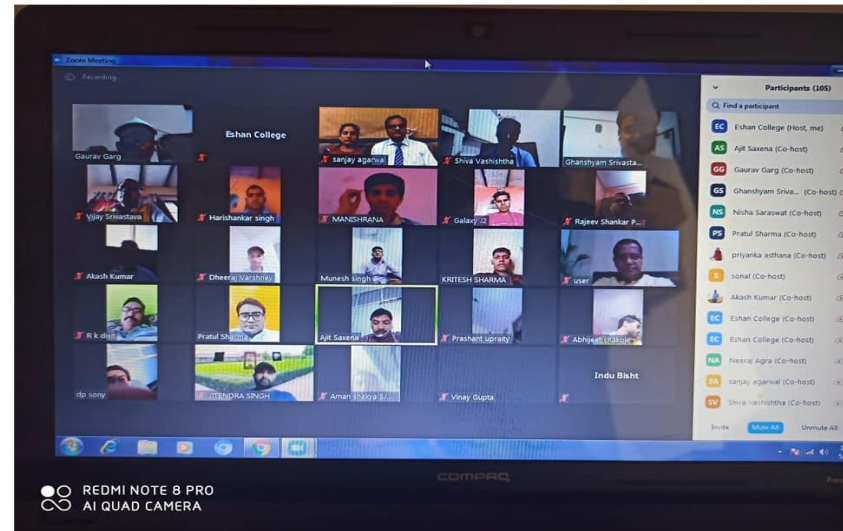
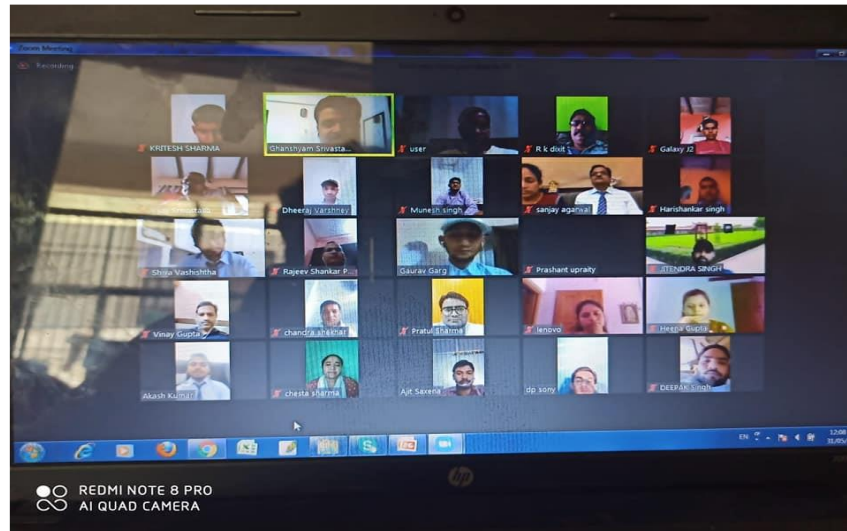
9. ICT Methods (ZOOM platform), Use of screen sharing for presentations during explanation




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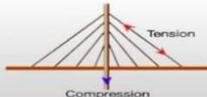


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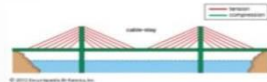


CABLE STAYED BRIDGE


Cable-stayed bridges have towers, but cables from the towers go directly to the road deck, instead of spanning from tower to tower.




A diagram of a cable-stayed bridge. A central vertical tower is shown. Multiple cables fan out from the top of the tower to a horizontal road deck below. Red arrows labeled 'Tension' point along the cables towards the tower. A purple arrow labeled 'Compression' points downwards from the center of the road deck.




A cross-sectional diagram of a cable-stayed bridge. It shows two green towers on either side of a blue body of water. Red cables connect the towers to a brown road deck. A legend in the top right corner indicates: 'red line: tension' and 'green line: compression'.



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Vinay Gupta



R K Dixit



Ganesh singh



Dr. Pankaj Kumar

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Zoom Meeting ID: 92 60 17

Participants (8 x 800 x 600)

Participants list:

- PS
- SA
- P
- JK
- KS
- M
- KS
- VK
- P
- VK
- A
- AG
- K
- +80

Participants (8):

- Chaiti Sharma
- Ashwinder Kumar Pandey
- Sita Singhania (Guest)
- Sandeshwar Rajeppan (Guest)
- PS
- SA
- P
- JK
- KS
- M
- KS
- VK
- P
- VK
- A
- AG
- K
- +80

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10.e-Lectures method, YouTube videos Demonstrations, Incorporating YouTube Channels for Videos uploading for students

- <https://www.youtube.com/@ESHANCOLLEGEENGINEERING/featured>
- <https://www.youtube.com/@AKTUDigitalEducationUP/playlists>
- <https://www.youtube.com/@surbhidei9987/videos>

Sample of YouTube Videos of Prof. Vinay Pratap Singh

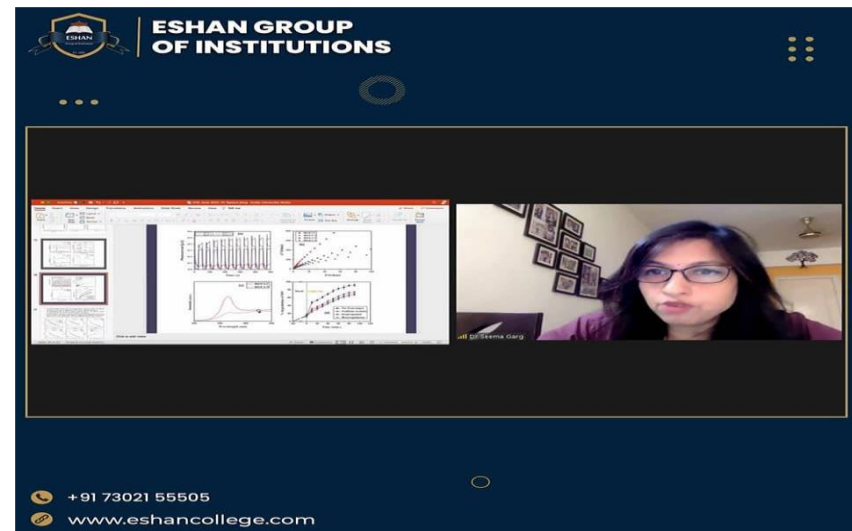
Rankine Cycle: Basic Steam Power Cycle	https://www.youtube.com/watch?v=igggfeNbHUU&list=PLqvVULuvdq2Sty3sEc0gvmiBpfehkb_Uh&index=2
Rankine Cycle: Steps to solve any type of Numerical based on Rankine Cycle	https://www.youtube.com/watch?v=cBheG1MF6Go&list=PLqvVULuvdq2Sty3sEc0gvmiBpfehkb_Uh&index=3
Basic ways to improve Rankine cycle Efficiency	https://www.youtube.com/watch?v=tGC384jU4Xs&list=PLqvVULuvdq2Sty3sEc0gvmiBpfehkb_Uh&index=4
Reheat Cycle: Method to improve thermal efficiency of Rankine cycle	https://www.youtube.com/watch?v=39HMIZU3hMA&list=PLqvVULuvdq2Sty3sEc0gvmiBpfehkb_Uh&index=5
Regenerative Cycle: Methods of improving thermal efficiency of Rankine cycle	https://www.youtube.com/watch?v=cvX92zve-Rs&list=PLqvVULuvdq2Sty3sEc0gvmiBpfehkb_Uh&index=6

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Binary Vapour Cycle	https://www.youtube.com/watch?v=JRPQJQ_TvzE&list=PLqvVULuvdq2Sty3sEc0gvmiBpfehkb_Uh&index=7
WATER TUBE BOILERS	https://www.youtube.com/watch?v=6w0MYEEvMVk&list=PLqvVULuvdq2Sty3sEc0gvmiBpfehkb_Uh&index=8
Part:1 Boilers and its classifications	https://www.youtube.com/watch?v=cF6ItQvvjpM&list=PLqvVULuvdq2Sty3sEc0gvmiBpfehkb_Uh&index=9
Part 2: Boilers and its classifications	https://www.youtube.com/watch?v=sxy2u8KjSsE&list=PLqvVULuvdq2Sty3sEc0gvmiBpfehkb_Uh&index=10
FIRE TUBE BOILERS	https://www.youtube.com/watch?v=y064GVj4Ye8&list=PLqvVULuvdq2Sty3sEc0gvmiBpfehkb_Uh&index=11
Boilers Mountings and Boilers Accessories	https://www.youtube.com/watch?v=CxMEFSZ_qc&list=PLqvVULuvdq2Sty3sEc0gvmiBpfehkb_Uh&index=12
Steam Turbine & its Classifications	https://www.youtube.com/watch?v=ZBDsQY_6gq4&list=PLqvVULuvdq2Sty3sEc0gvmiBpfehkb_Uh&index=13
Steam Turbine & its Classifications	https://www.youtube.com/watch?v=ZBDsQY_6gq4&list=PLqvVULuvdq2Sty3sEc0gvmiBpfehkb_Uh&index=14
Steam Turbine & its Classifications	https://www.youtube.com/watch?v=ZBDsQY_6gq4&list=PLqvVULuvdq2Sty3sEc0gvmiBpfehkb_Uh&index=15
Combustion of fuel (Concept & Numericals)	https://www.youtube.com/watch?v=cHe9DRNNEeA&list=PLqvVULuvdq2Sty3sEc0gvmiBpfehkb_Uh&index=16

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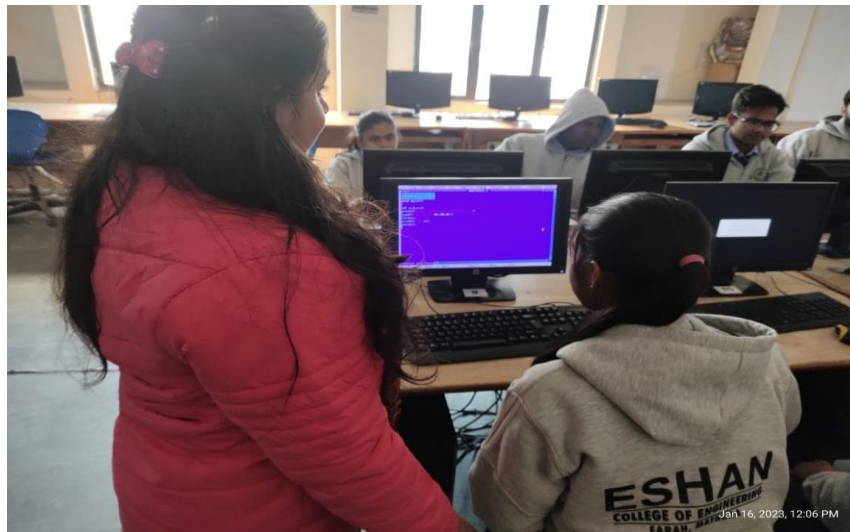
11. Simulation techniques & use of virtual labs



Virtual Lab Link of Affiliating University (AKTU) for students:

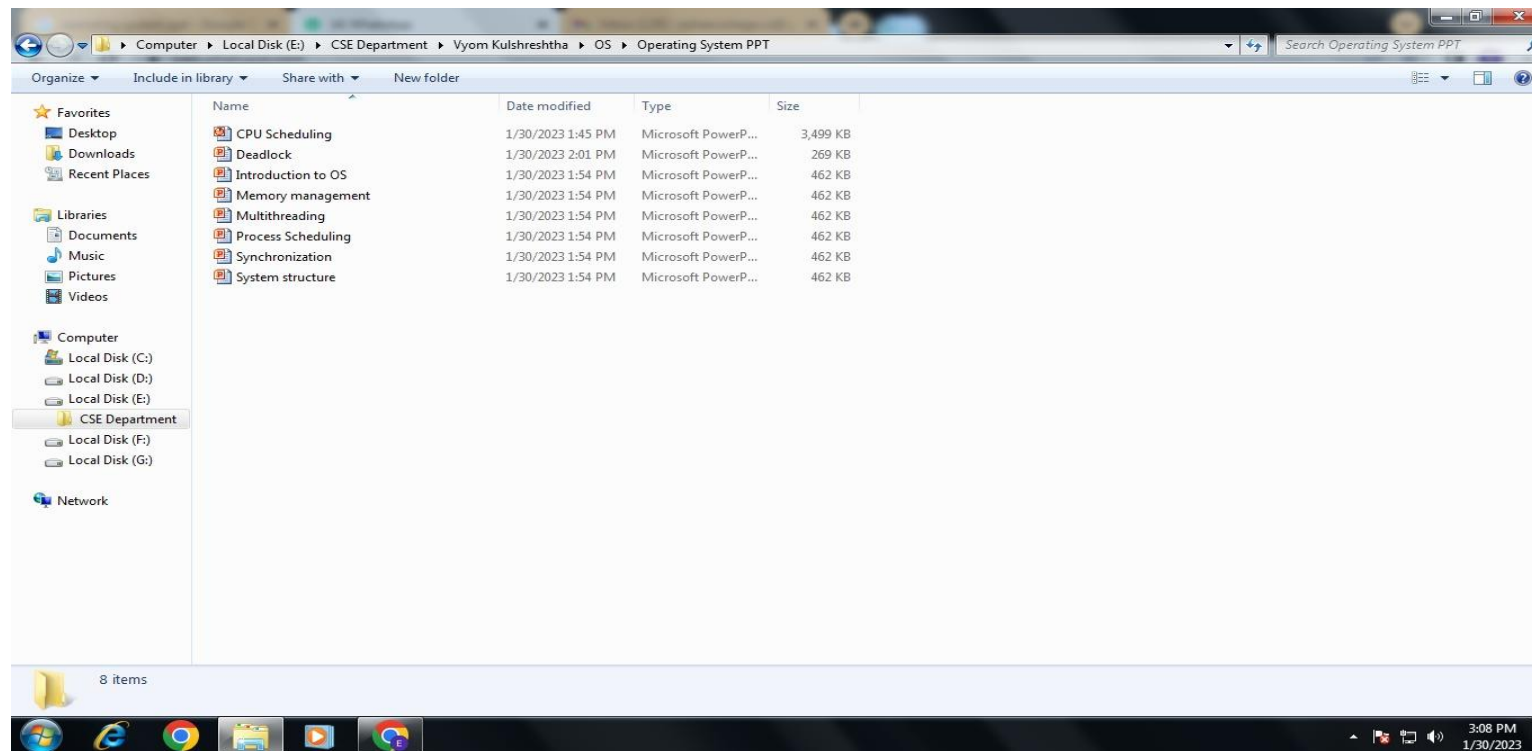
<https://aktu.ac.in/Virtual%20Lab.html>

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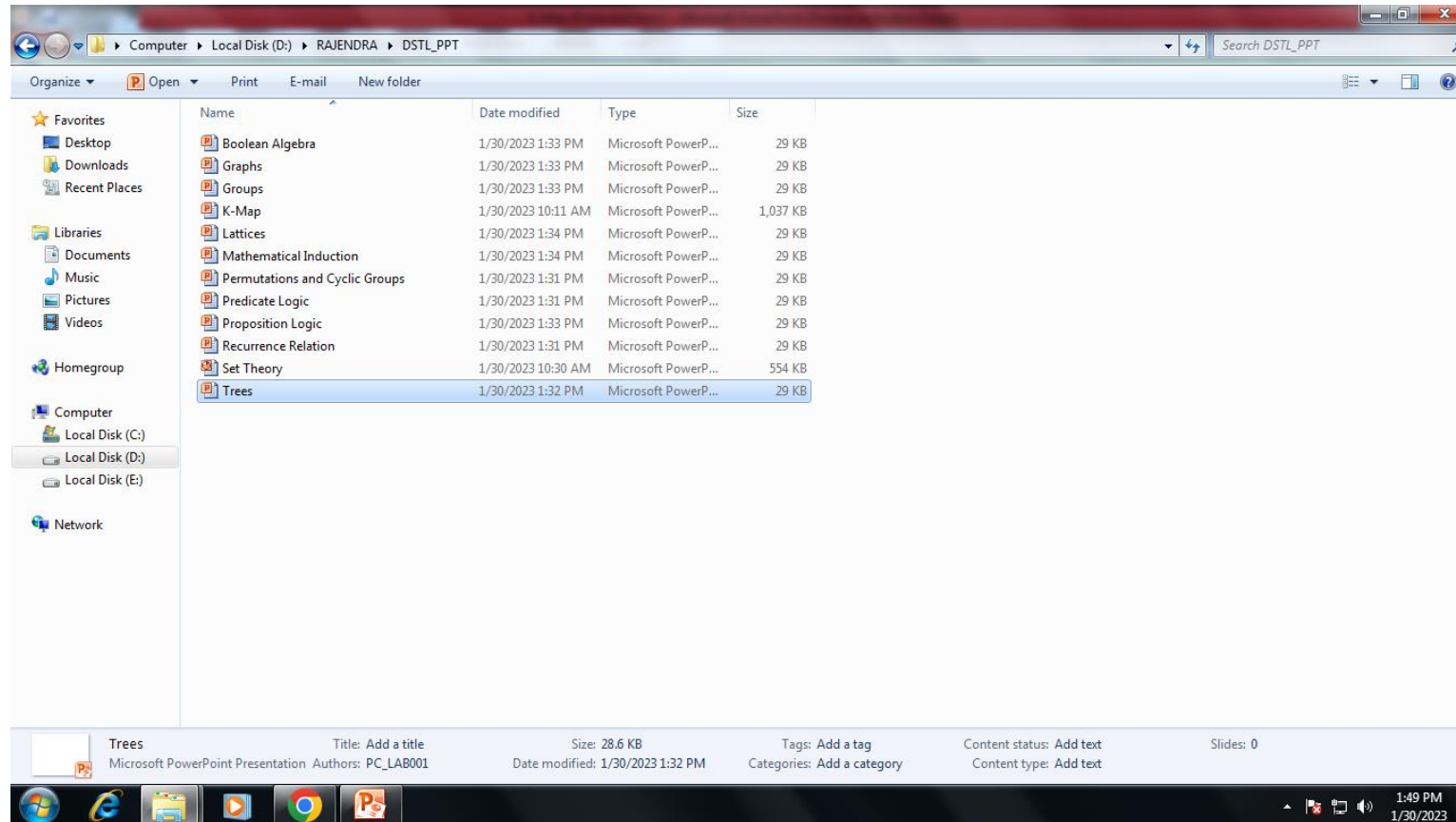


Eshan College of Engineering, Farah, Mathura

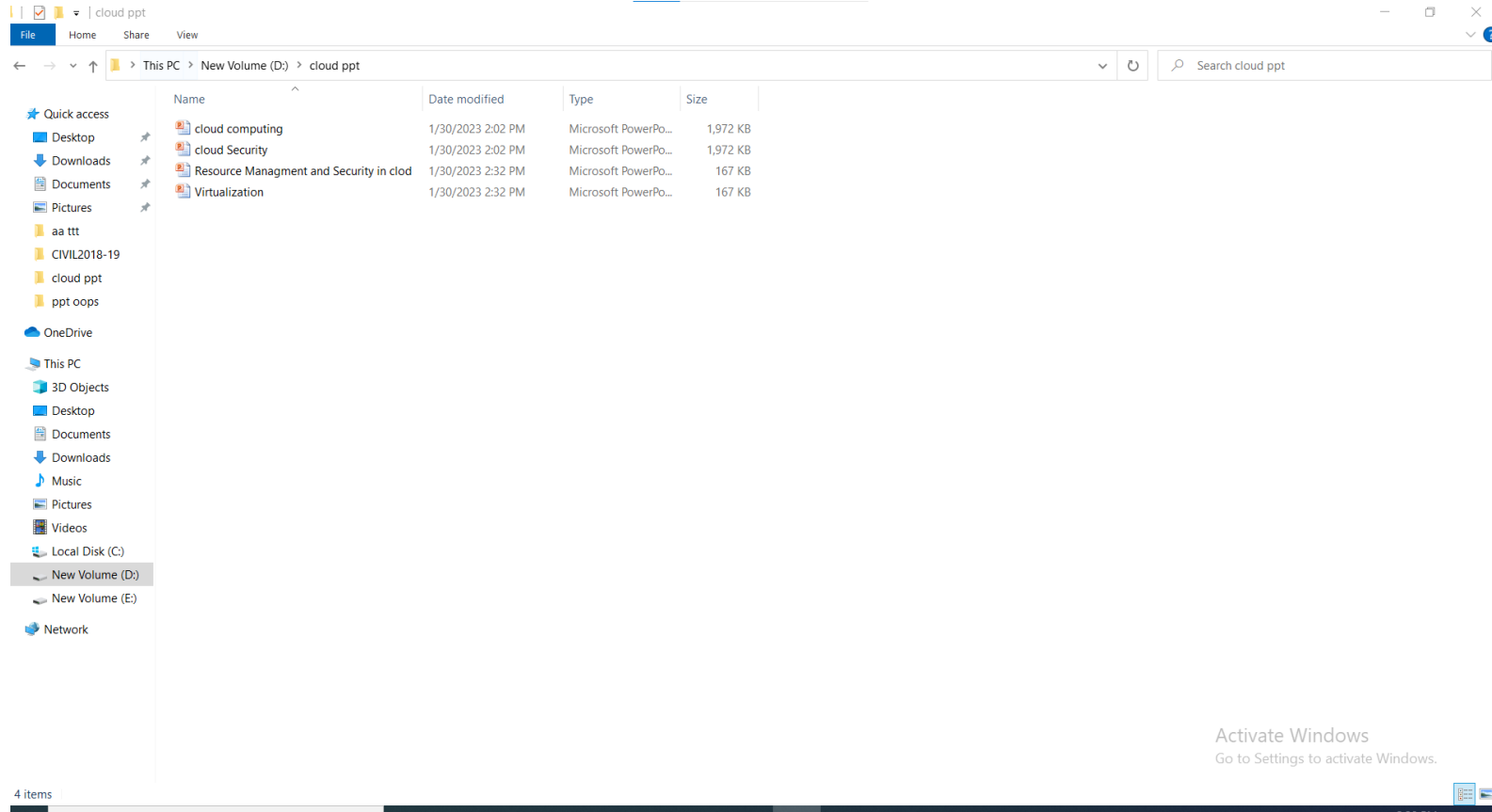
12.Folders of Presentations prepared by Teachers for sharing among students (Sample)



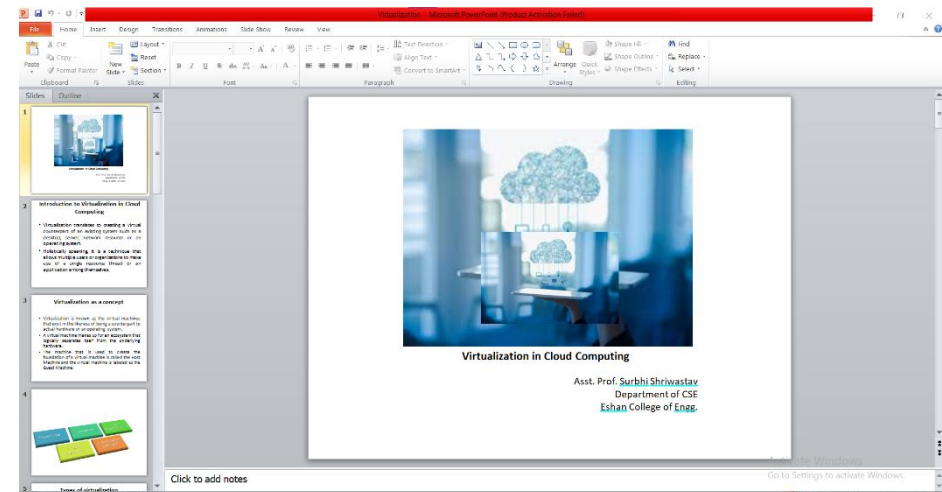
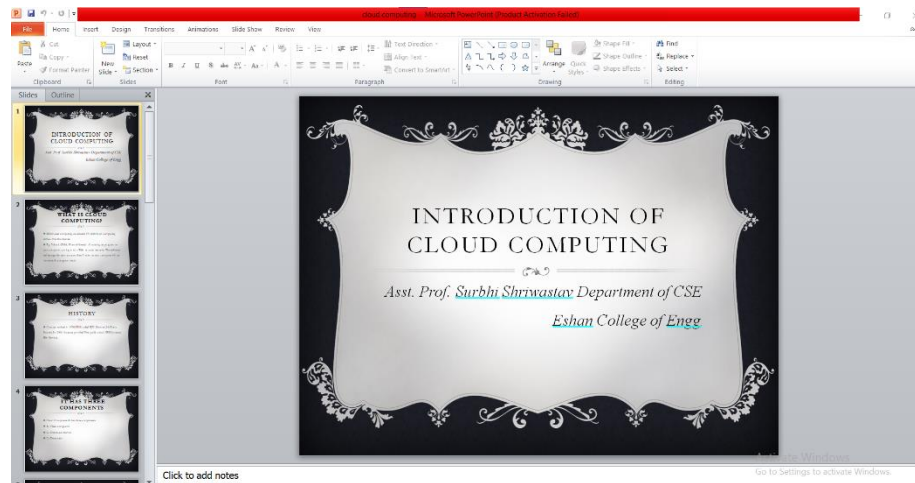
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Introduction to OS - Microsoft PowerPoint (Product Activation Failed)

File Home Insert Design Transitions Animations Slide Show Review View

Cut Copy Paste Format Painter Clipboard New Slide Layout Reset Section Slides Font Paragraph Drawing Editing Find Replace Select

Slides Outline

1 ESHAN COLLEGE OF ENGINEERING, MATHURA
Introduction to Operating System

2 ESHAN COLLEGE OF ENGINEERING, MATHURA
What is an Operating System?
• A program that acts as an intermediary between a user of a computer and the computer hardware.
• Clearing system goals:
→ Execute user programs and make existing user programs easier.
→ Make the computer system convenient to use.
→ Use the computer hardware in an efficient manner.

3 ESHAN COLLEGE OF ENGINEERING, MATHURA
Computer System Structure
• Computer system can be divided into four components:
→ Hardware and software.
→ Operating system.
→ System and application programs.
→ Computer hardware.
• Hardware and software are divided into two main categories:
→ Hardware and software.
→ Operating system.
→ System and application programs.
→ Computer hardware.

4 ESHAN COLLEGE OF ENGINEERING, MATHURA
Four Components of a Computer System

The diagram illustrates the four components of a computer system in a layered architecture. At the top, multiple users (user 1, user 2, user 3, ..., user n) are shown in grey boxes. Arrows point from each user to a layer of system and application programs. This layer contains boxes for 'compiler', 'assembler', 'text editor', '...', and 'database system'. Below this is the 'operating system' layer, and at the bottom is the 'computer hardware' layer. The layers are represented by blue boxes of increasing width from top to bottom, with the operating system and hardware layers partially overlapping the application programs layer.

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Four Components of a Computer System

user 1 user 2 user 3 ... user n

compiler assembler text editor ... database system

system and application programs

operating system

computer hardware

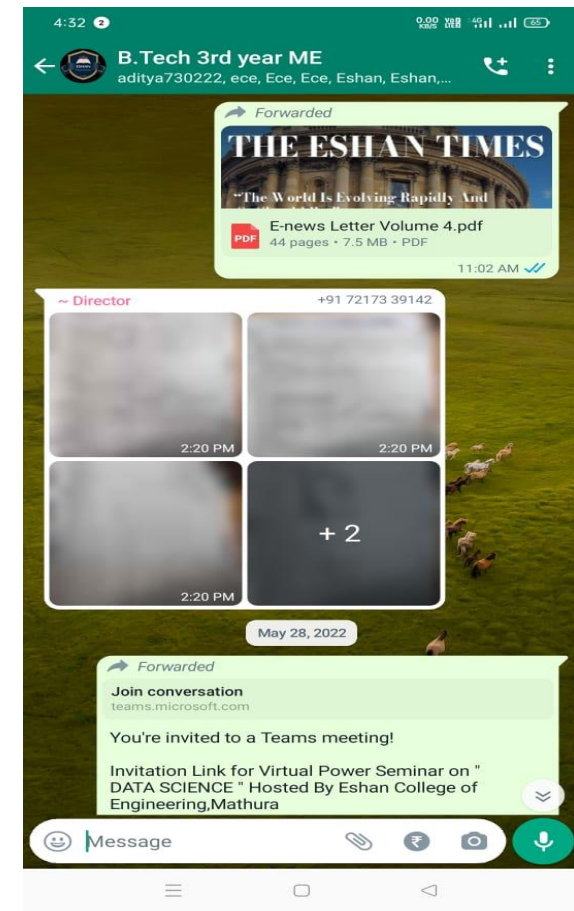
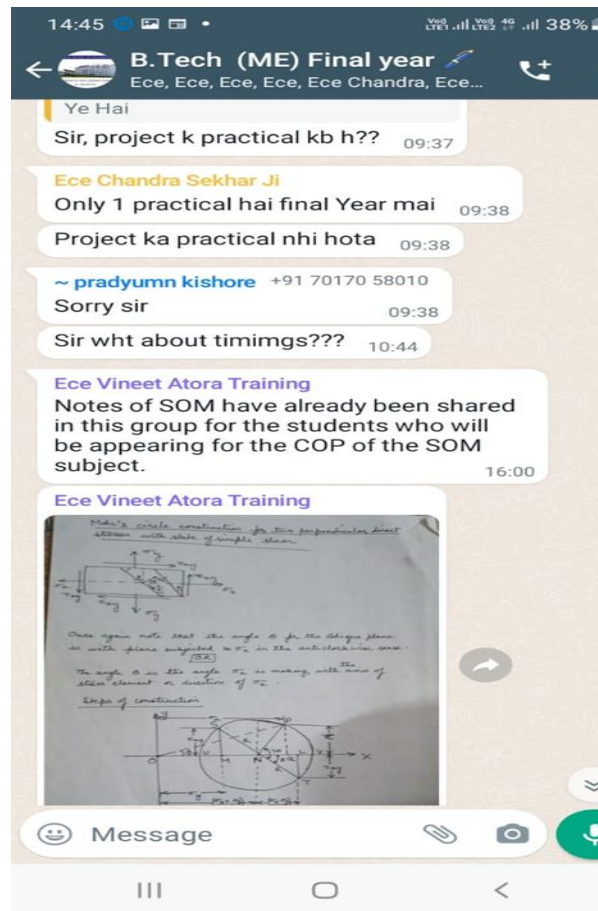
By: Vyom Kulshreshtha
Associate Professor
Computer Science & Engineering

Click to add notes

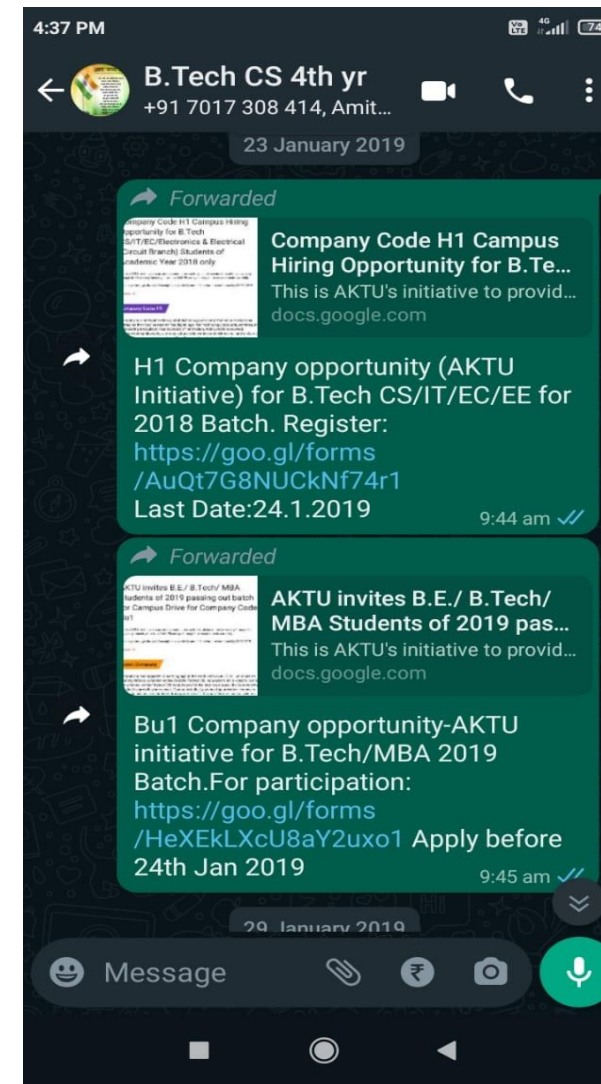
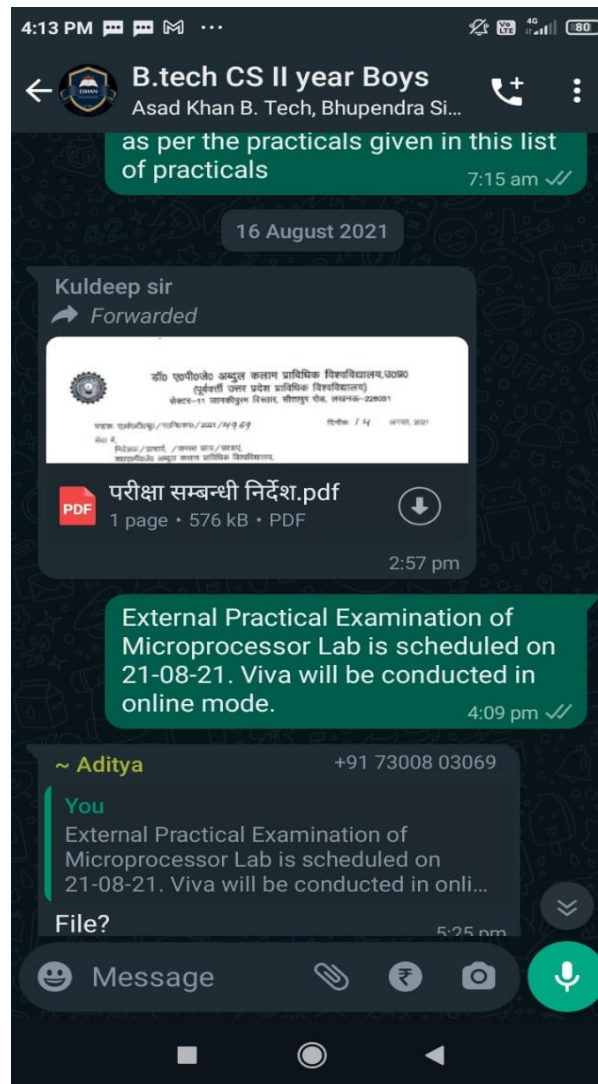
Slide 4 of 24 "Office Theme" 76% 3:09 PM 1/30/2023

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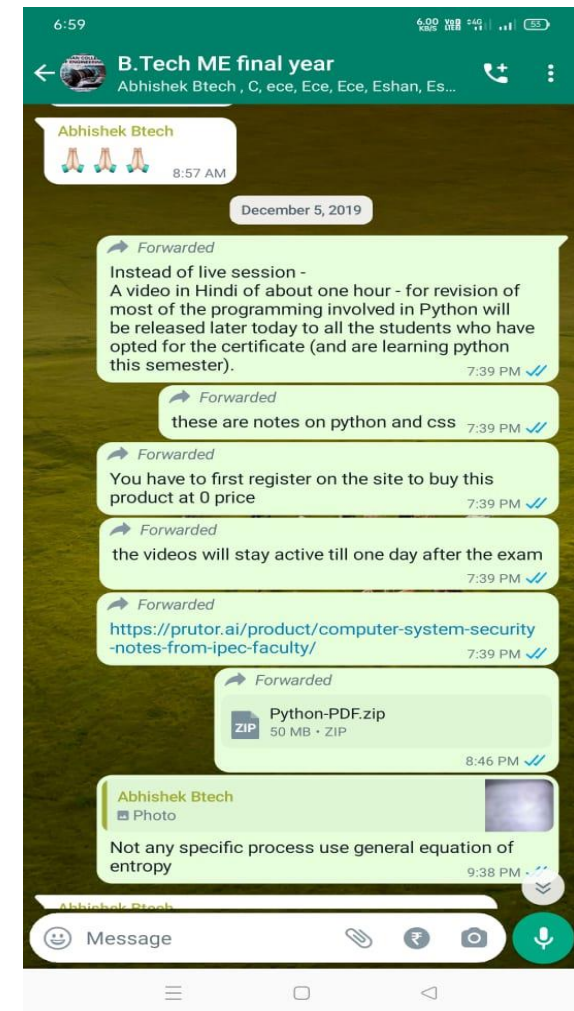
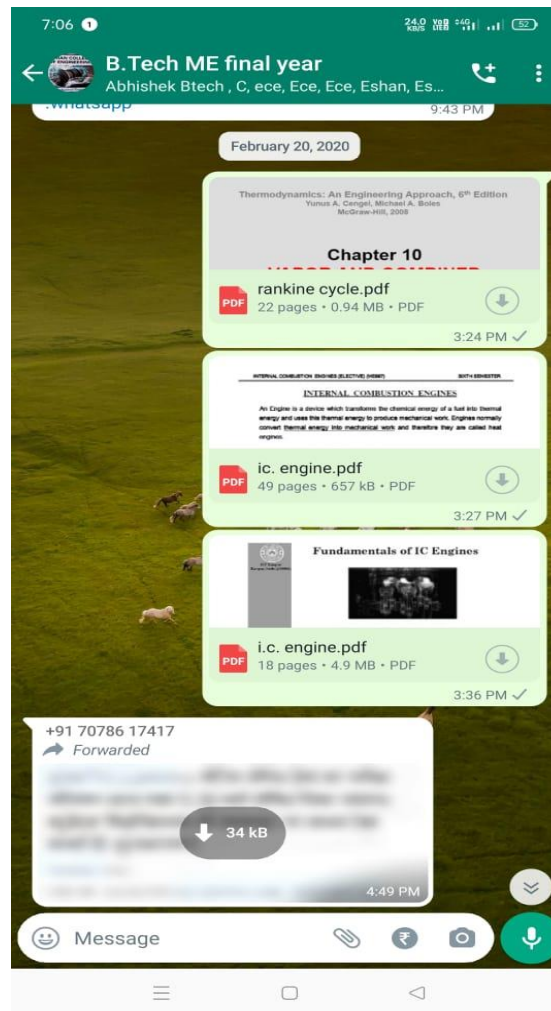
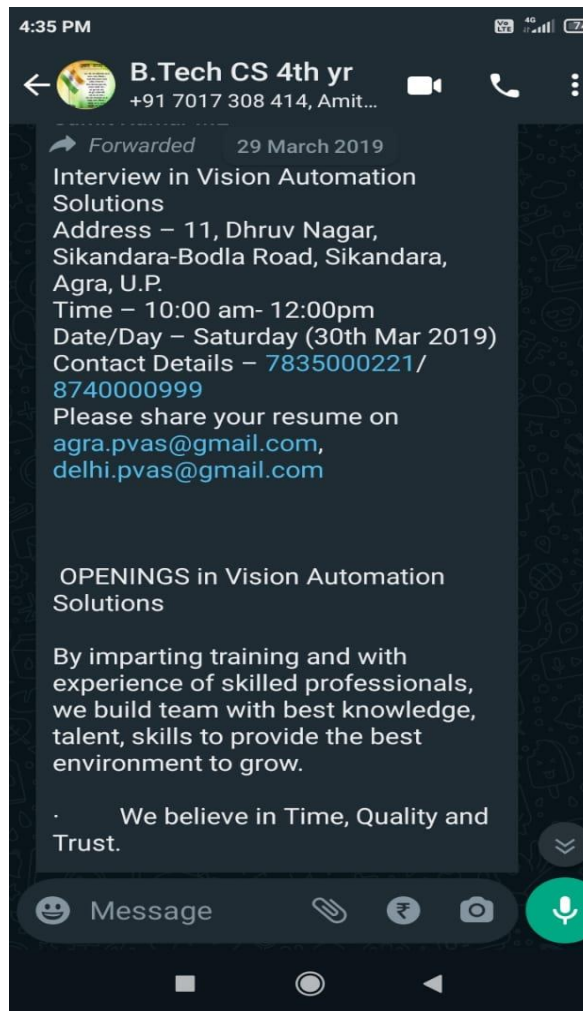
13. Teachers also use WhatsApp to share content with Students (Both students & teachers use WhatsApp as ICT interactive tool)



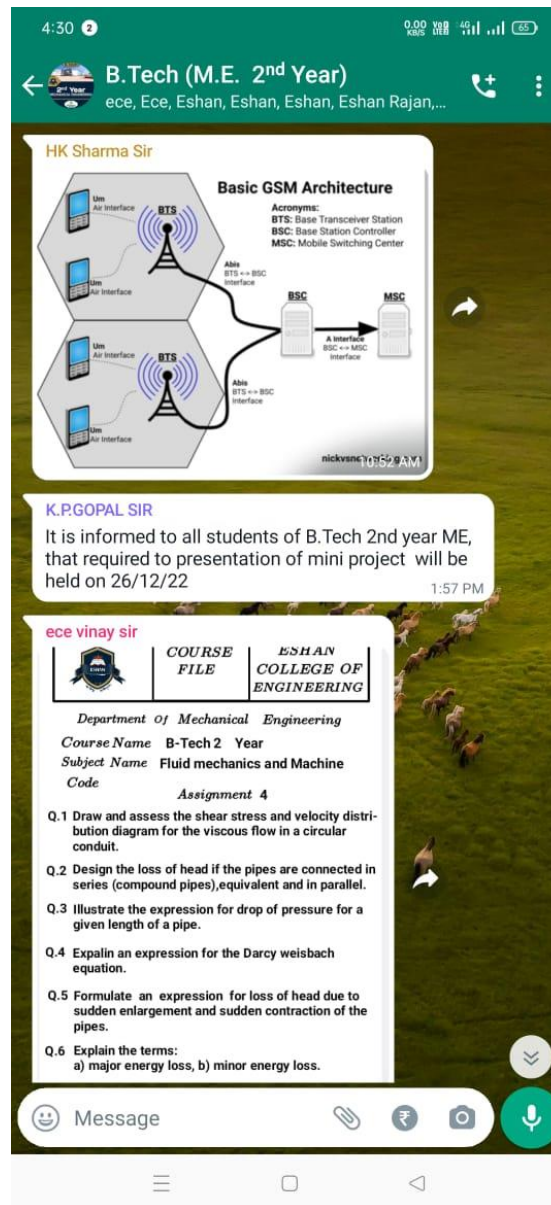
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14. Referred to our students the available open educational resources such as NPTEL, INFLIBNET etc.

https://archive.nptel.ac.in/Special_series.html

- <https://nptel.ac.in/courses/112104030>
- <https://nptel.ac.in/courses/112104031>
- <https://nptel.ac.in/courses/112104033>
- <https://nptel.ac.in/courses/112104039>
- <https://nptel.ac.in/courses/112104040>
- <https://nptel.ac.in/courses/112104158>
- <https://nptel.ac.in/courses/112104160>
- <https://nptel.ac.in/courses/112104161>
- <https://nptel.ac.in/courses/112108091>
- <https://nptel.ac.in/courses/112108093>
- <https://nptel.ac.in/courses/112108148>
- <https://nptel.ac.in/courses/112108149>
- <https://nptel.ac.in/courses/112108150>
- <https://nptel.ac.in/courses/112101001>
- <https://nptel.ac.in/courses/112101005>
- <https://nptel.ac.in/courses/112101096>

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- <https://nptel.ac.in/courses/112104168>
- <https://nptel.ac.in/courses/112104173>
- <https://nptel.ac.in/courses/112104176>
- <https://nptel.ac.in/courses/112105051>
- <https://nptel.ac.in/courses/112105054>
- <https://nptel.ac.in/courses/112105127>
- <https://nptel.ac.in/courses/112105129>
- <https://nptel.ac.in/courses/112106133>
- <https://nptel.ac.in/courses/112106137>
- <https://nptel.ac.in/courses/112106139>
- <https://nptel.ac.in/courses/112106141>
- <https://nptel.ac.in/courses/112101098>
- <https://nptel.ac.in/courses/112102015>
- <https://nptel.ac.in/courses/112103016>
- <https://nptel.ac.in/courses/112103021>
- <https://nptel.ac.in/courses/112103022>
- <https://nptel.ac.in/courses/112103023>
- <https://nptel.ac.in/courses/112103024>
- <https://nptel.ac.in/courses/112103025>
- <https://nptel.ac.in/courses/112103174>
- <https://nptel.ac.in/courses/112103109>
- <https://nptel.ac.in/courses/112103111>

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15. Use of AKTU e-Library e-Resources (Remote Online Learning) available in the College with Students (e-Content)

<https://aktu.ac.in/e-consortium/Memberinstitute.html>

(See Institute Id: 471)

(College have Username & Password for Use of E-Resources)

<https://aktu.ac.in/e-consortium/e-resources.html>

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16. Sharing Important Links for Digital Contents available for Students

<https://www.education.gov.in/en/ict-initiatives>

<https://swayam.gov.in/>

<https://www.swayamprabha.gov.in/>

<https://ndl.iitkgp.ac.in/>

<https://epgp.inflibnet.ac.in/>

<https://www.e-yantra.org/>

<https://spoken-tutorial.org/>

<https://www.vlab.co.in/>

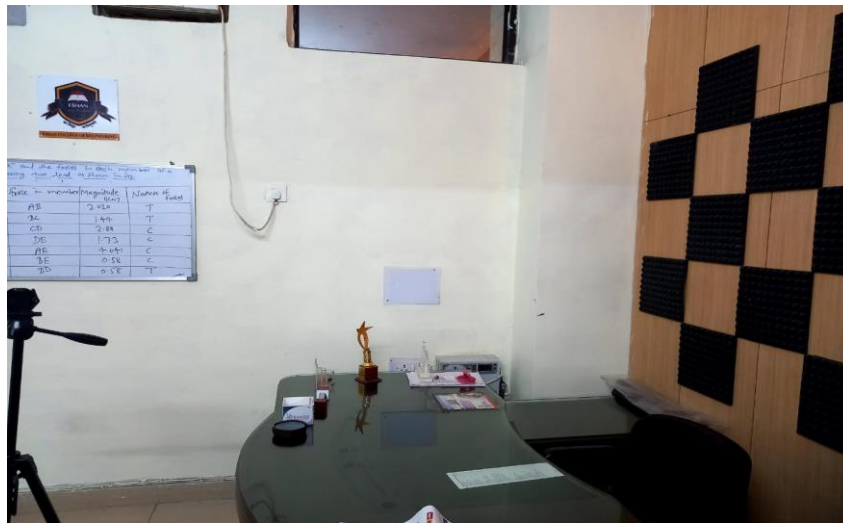
<https://ess.inflibnet.ac.in/>

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17. Lecture Recording Room (For e-Content) (Media Room)



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18. Distribution of Smart Phones (Mobiles) to Students



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19. Summary of payments to DELNET for Use of DELNET Library Resources for content showing and sharing with Students

Sr. No.	Supplier's Name	Bill No./ Invoice No.	Bill Date	Bill Amount Paid
1	DELNET (Developing Library Network), New Delhi	DEL/2021-22/2574	05 Feb. 2022	Rs. 13570/-
2	DELNET (Developing Library Network), New Delhi	DEL/2020-21/2289	18 Feb. 2021	Rs. 13570/-
3	DELNET (Developing Library Network), New Delhi	DEL/2019-20/3349	22 Feb. 2020	Rs. 13570/-
4	DELNET (Developing Library Network), New Delhi	55868	22 March 2019	Rs. 13570/-
5	DELNET (Developing Library Network), New Delhi	2018/ 31754	29 Dec. 2018	Rs. 13570/-
6	AKTU e-consortium			Rs. 25000/-
7	AKTU e-consortium			Rs. 50000/-
8	AKTU e-consortium			Rs. 50000/-

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20. Use of multimedia/ LCD projectors in conference rooms/seminar halls of college



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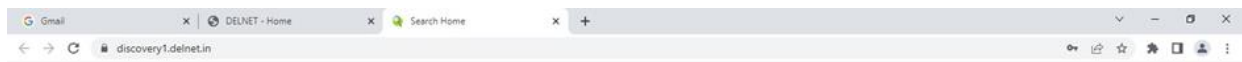




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Sahzadpur Pauri, NH-2, Agra-Mathura Highway, Mathura-281122, Uttar Pradesh
Website: www.eshancollege.com

Use of DELNET Library Resources available for content showing and sharing with Students



DELNET

Username:

Password:

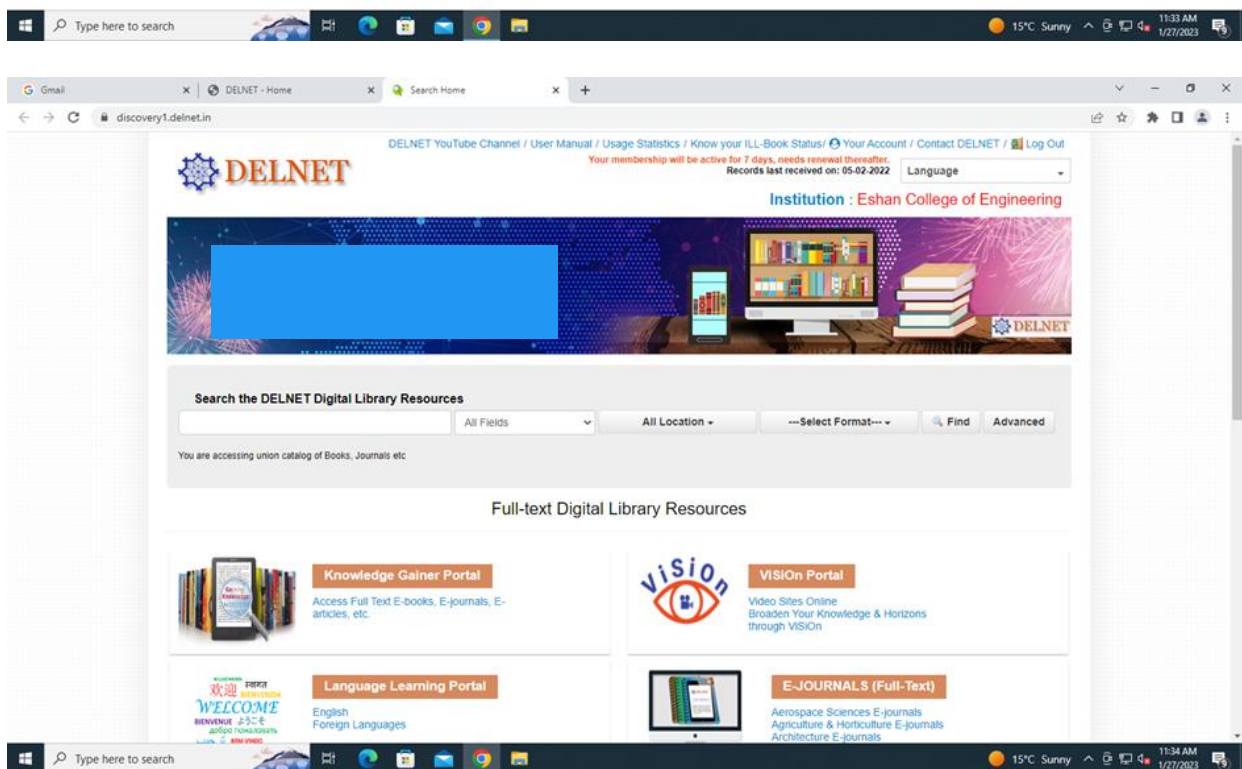
[Login](#)

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Membership Form
Feedback: sangskaul2003@yahoo.co.in

Access Millions of Networked Library Resources through DELNET

- 3,50,00,000+ Books available for loan
- 1,00,000+ list of Journals
- 5,000+ Full-text E-journals
- 1,00,000+ Thesis/Dissertations

[Providing Information Support Services to the Scholarly World](#)



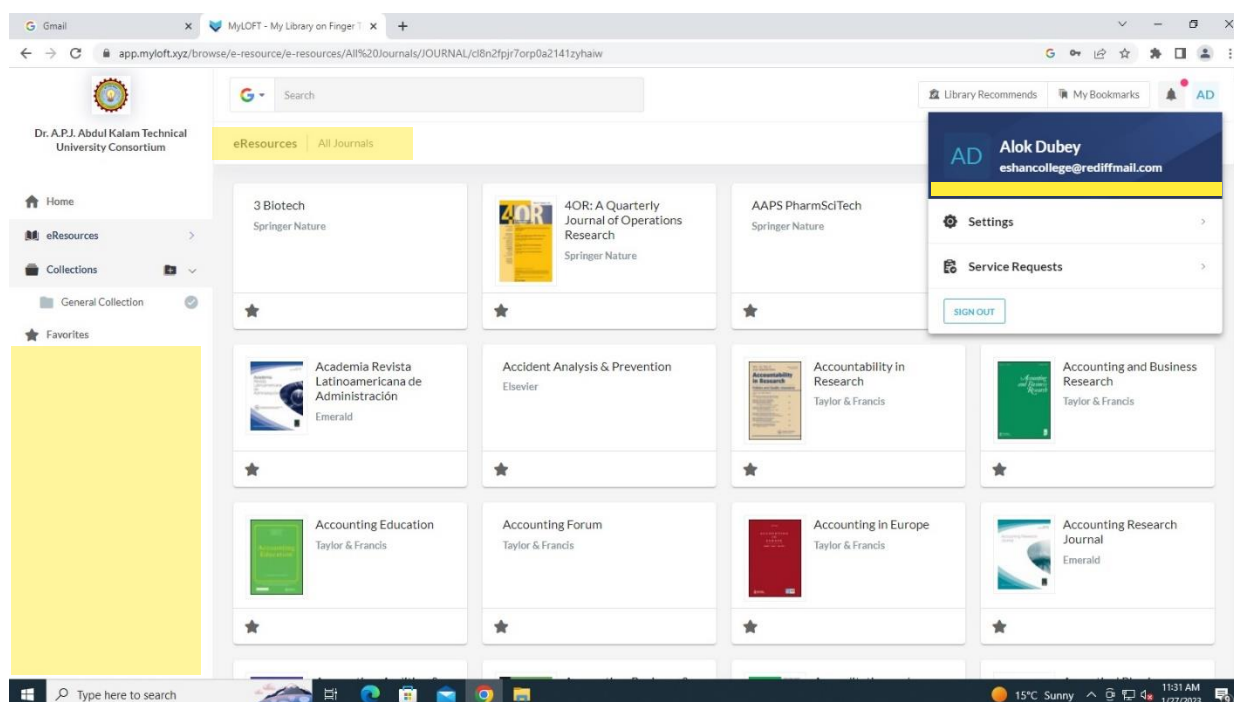
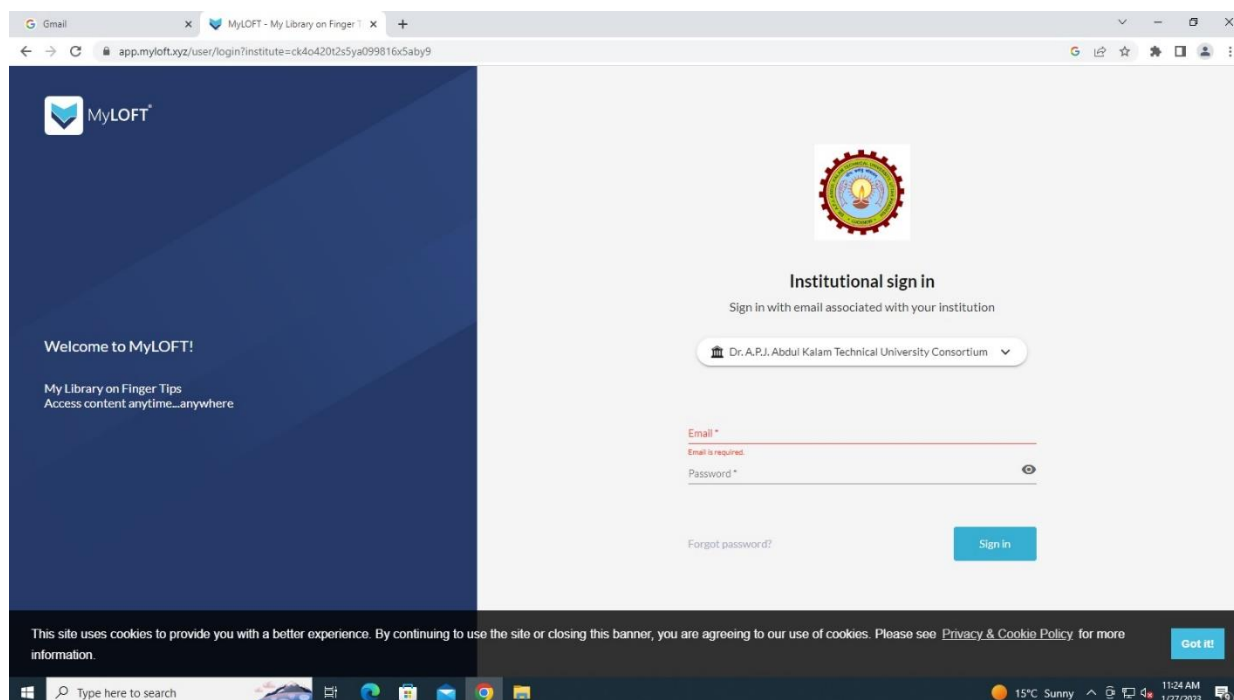
Pankaj Shrivastava
Director
Eshan College of Engineering



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Sahzadpur Pauri, NH-2, Agra-Mathura Highway, Mathura-281122, Uttar Pradesh
Website: www.eshancollege.com

Use of AKTU Library Resources (Remote Learning) available in the College with Students (e-Content)



Pankaj Sharma
Director
Eshan College of Engineering

Dr. A.P.J. Abdul Kalam Technical University Consortium

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My Bookmarks

AKTU ERP NPTEL MyLOFT...

ADD

Type here to search

15°C Sunny 11:28 AM 1/27/2023

Dr. A.P.J. Abdul Kalam Technical University Consortium

eResources All Databases

Filter by Title or URL

Art & Architecture Source (EBSCOhost) EBSCO	BS Publication (Journals and eBooks) BS Publications & Pharmamed Press	Cambridge Core Cambridge University Press	DOAB - Directory of Open access Books DOAB Foundation
DOAJ - Directory of Open Access Journals DOAJ	eLib4U New Age International	Emerald Emerald	Emerald Case studies Emerald
Gale eBooks Gale	Gale OneFile: Pharmacy Collection Gale	Hospitality & Tourism Complete (EBSCOhost) EBSCO	McGraw Hill India Express McGraw-Hill Education
Oxford Handbooks Online Oxford University Press	Pearson eBooks ProQuest	PHI Learning eBooks PHI Learning Pvt. Ltd.	SAGE Publications and Journals SAGE Publications

Type here to search

15°C Sunny 11:29 AM 1/27/2023

Pankaj Shrivastava
Director
Eaton College of Engineering

Search Criteria (खोज मापदंड)

Institute's Code and Name.: (संस्थान का कोड और नाम)

471 ESHAN COLLEGE OF ENGINEERING,MATHURA



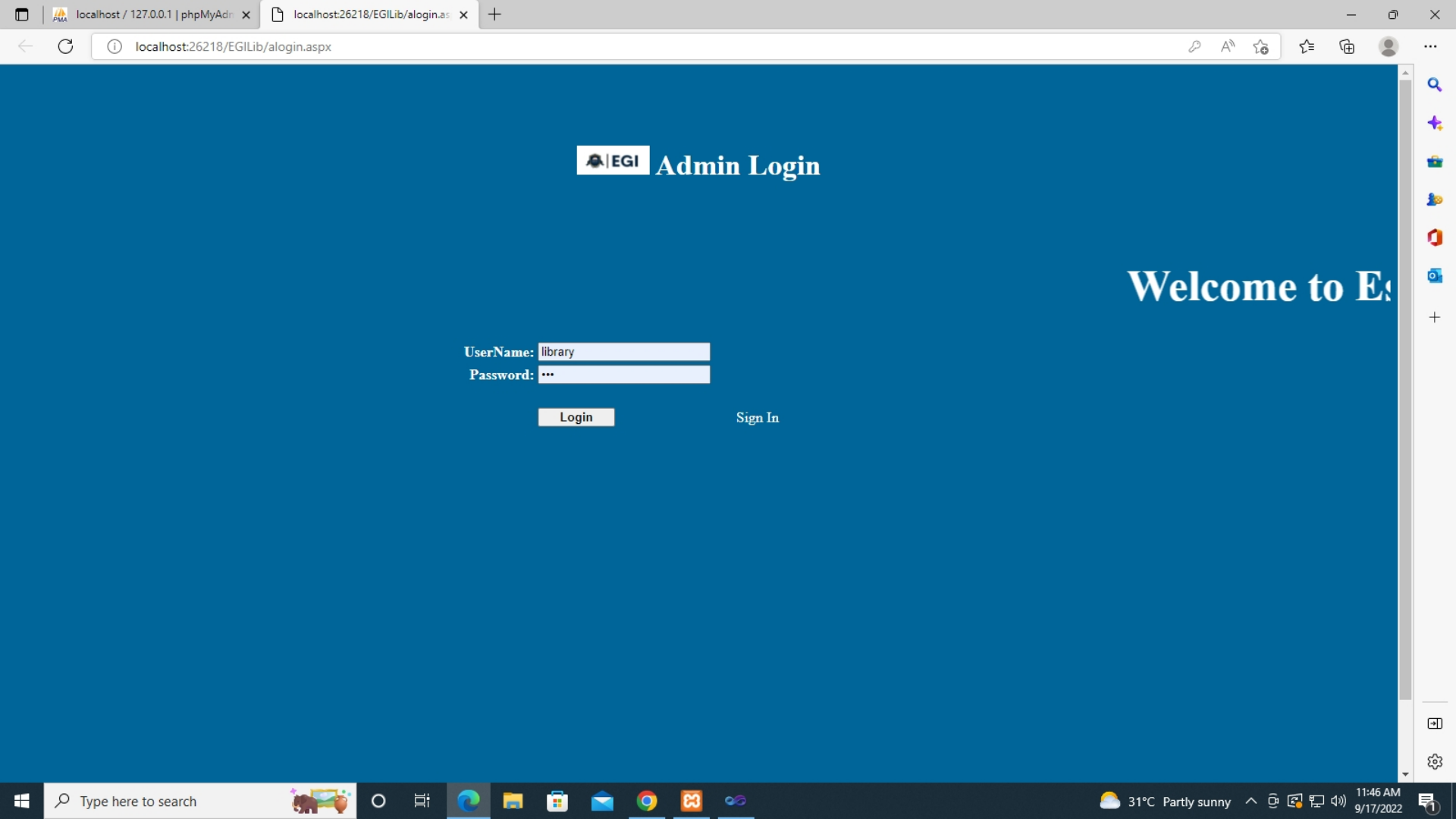
SEARCH (खोज)

Fees/Dues details (फीस / बकाया विवरण)



Payment details (भुगतान विवरण)

Total Payable Amount	MisNo	Pay	PaymentStatus
25000	eLib1920471		SUCCESS
50000	eLib2021471	<div>Pay Now</div>	
50000	eLib2022471		SUCCESS
1217500	ERNMIS18190000000293		Success
106400	SGST2020471		SUCCESS



Admin Login

Welcome to EGILib

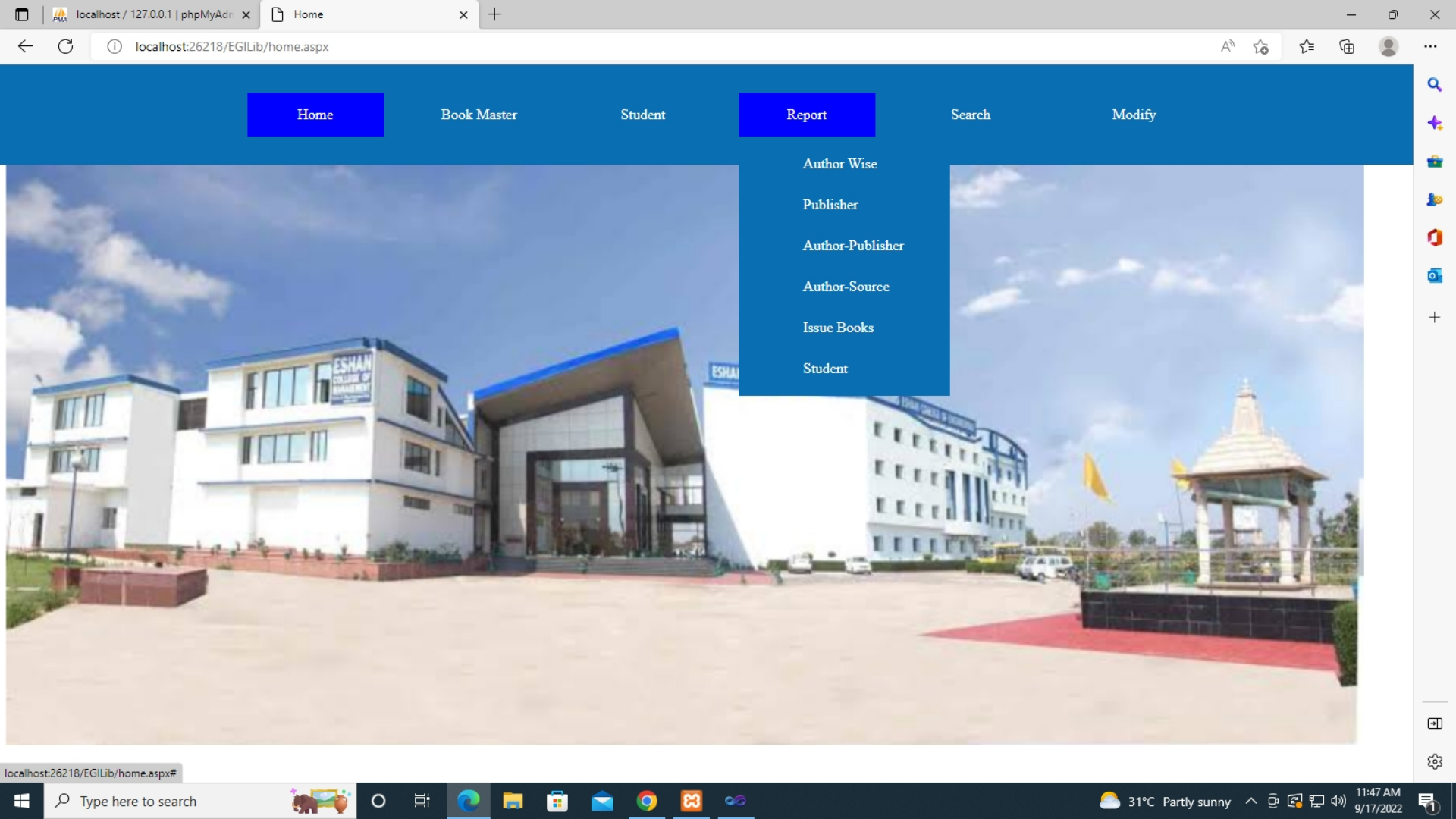
UserName: library

Password: ...

Login

Sign In





Acc no	Author	Book Title	Edition	Publisher
1	S.K Singh	Engineering Mechanics	1st	Vayu Education of India
2	S.K SINGH	ENGINEERING MECHANICS	1st	VAYU EDUCATION OF INDIA
3	S.K SINGH	ENGINEERING MECHANICS	1st	VAYU EDUCATION OF INDIA
4	S.K SINGH	ENGINEERING MECHANICS	1st	VAYU EDUCATION OF INDIA
5	S.K SINGH	ENGINEERING MECHANICS	1st	VAYU EDUCATION OF INDIA
6	S.K SINGH	ENGINEERING MECHANICS	1st	VAYU EDUCATION OF INDIA
7	S.K SINGH	ENGINEERING MECHANICS	1st	VAYU EDUCATION OF INDIA
8	S.K SINGH	ENGINEERING MECHANICS	1st	VAYU EDUCATION OF INDIA
9	S.K SINGH	ENGINEERING MECHANICS	1st	VAYU EDUCATION OF INDIA
10	S.K SINGH	ENGINEERING MECHANICS	1st	VAYU EDUCATION OF INDIA
11	S.K SINGH	ENGINEERING MECHANICS	1st	VAYU EDUCATION OF INDIA
12	S.K SINGH	ENGINEERING MECHANICS	1st	VAYU EDUCATION OF INDIA
13	S.K SINGH	ENGINEERING MECHANICS	1st	VAYU EDUCATION OF INDIA
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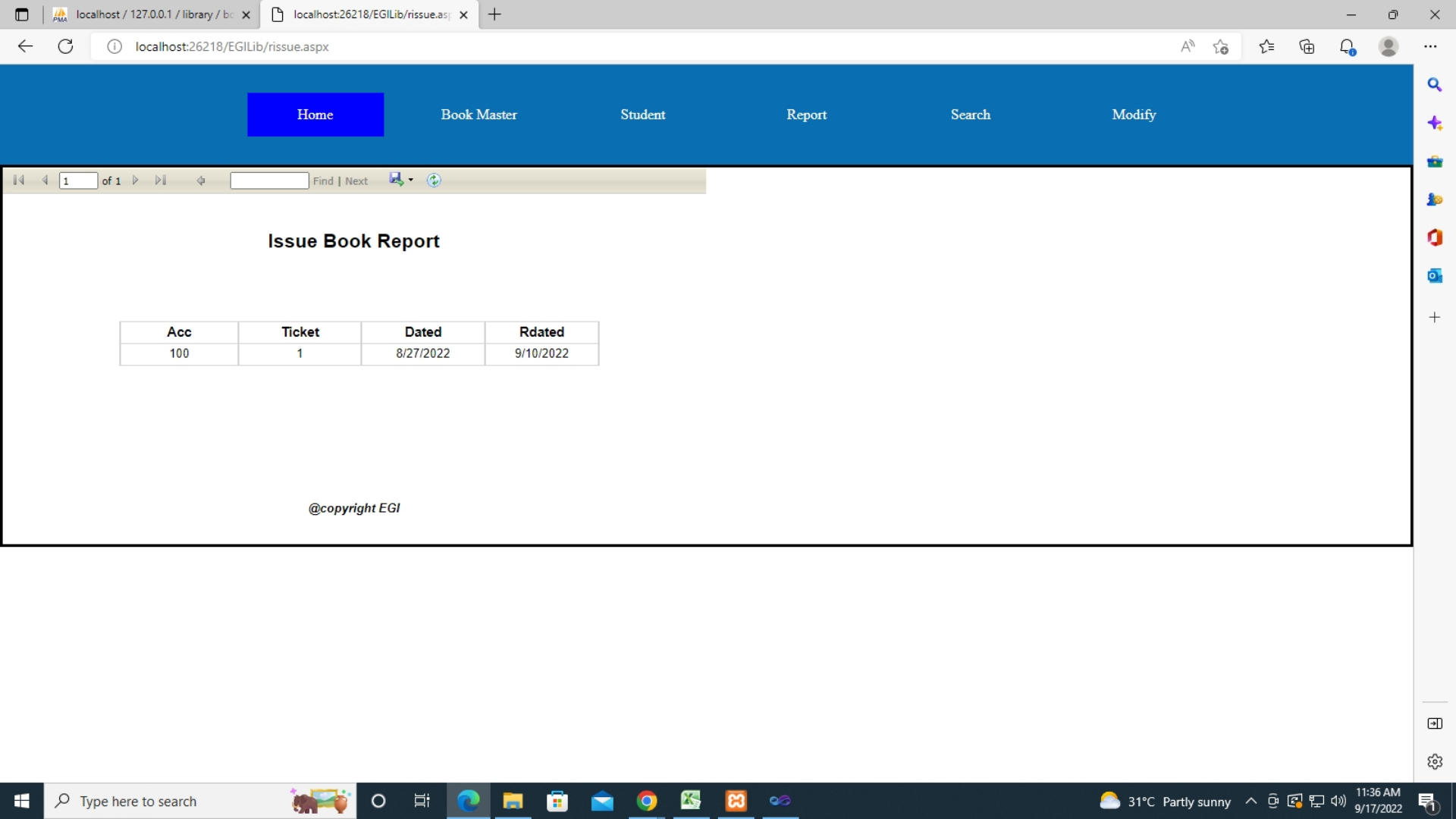
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Tno	Name	Fname	Course	Expiry	Address	Contact	Email	Remarks	Department	Dated
1	Priyanshu Gola	Mukesh Kumar Gola	B.Tech (ME)	2025	Agra	9000090000	Priyanshu@gmail.com		B.Tech (ME)	J01/07/2021
2	Priyanshu Gola	Mukesh Kumar Gola	B.Tech (ME)	2025	Agra	9000090000	priyanshu		B.Tech (ME)	01/07/2021
3	ABHISHEK	Himanshu	BTech (ME)	2025	Mathura	9879879870	abhishek@gmail.com		Mechanical Engineering	8/27/2022
4	ABHISHEK	Himanshu	BTech (ME)	2025	Mathura	9879879870	abhishek@gmail.com		Mechanical Engineering	8/27/2022

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e-Resources: Department of Applied Sciences & Humanities (ASH)

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e-Resources: Department of Computer Science & Engineering (CSE)

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