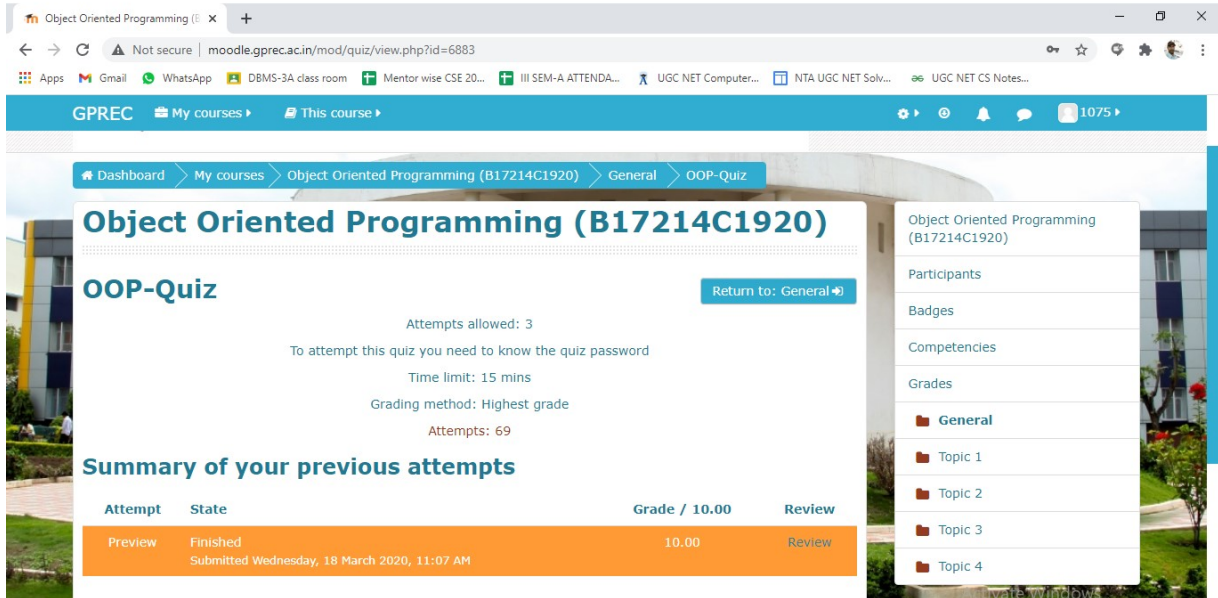


G PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS): KURNOOL

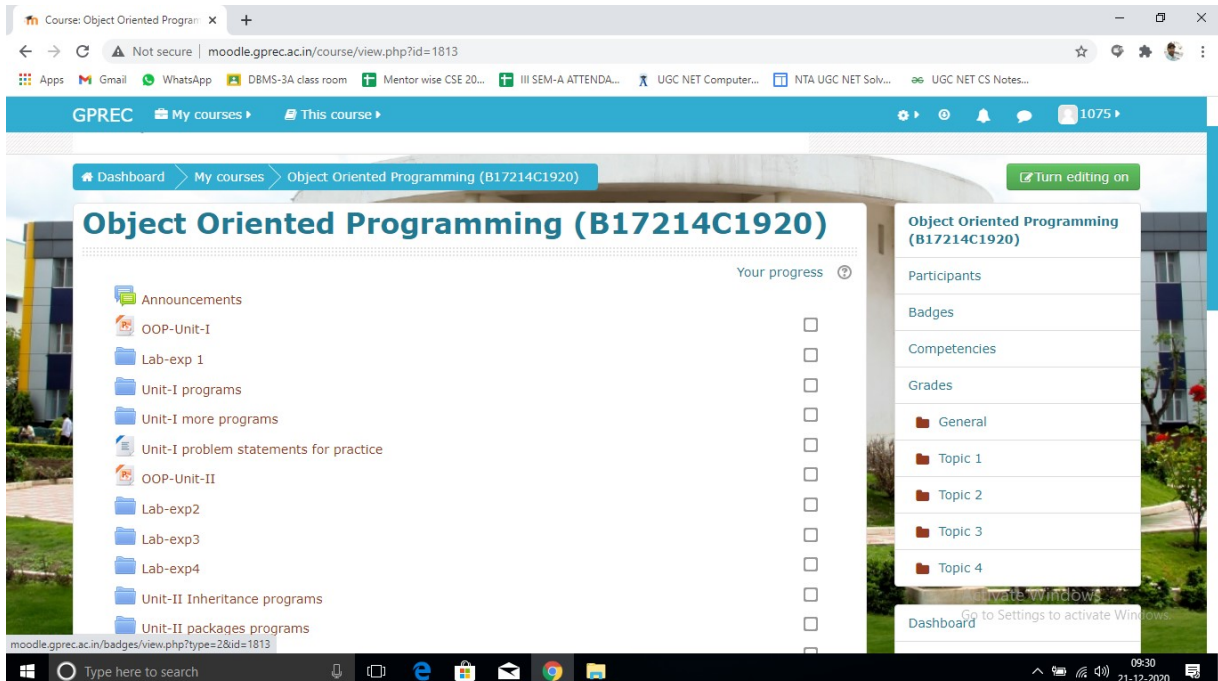
DEPARTMENT OF CSE

Moodle Learning Management System



This screenshot shows the 'Object Oriented Programming (B17214C1920)' OOP-Quiz page in Moodle. The page includes a sidebar with navigation links (Dashboard, My courses, Object Oriented Programming (B17214C1920), General, OOP-Quiz) and a right-hand menu with links to Participants, Badges, Competencies, Grades, and a list of topics (General, Topic 1, Topic 2, Topic 3, Topic 4). The main content area displays quiz details: 'Attempts allowed: 3', 'To attempt this quiz you need to know the quiz password', 'Time limit: 15 mins', 'Grading method: Highest grade', and 'Attempts: 69'. A 'Return to: General' button is present. Below this is a 'Summary of your previous attempts' table.

Attempt	State	Grade / 10.00	Review
Preview	Finished Submitted Wednesday, 18 March 2020, 11:07 AM	10.00	Review



This screenshot shows the 'Object Oriented Programming (B17214C1920)' course page in Moodle. The page includes a sidebar with navigation links (Dashboard, My courses, Object Oriented Programming (B17214C1920)) and a right-hand menu with links to Participants, Badges, Competencies, Grades, and a list of topics (General, Topic 1, Topic 2, Topic 3, Topic 4). The main content area displays a list of course items with checkboxes for progress tracking:

- Announcements
- OOP-Unit-I
- Lab-exp 1
- Unit-I programs
- Unit-I more programs
- Unit-I problem statements for practice
- OOP-Unit-II
- Lab-exp2
- Lab-exp3
- Lab-exp4
- Unit-II Inheritance programs
- Unit-II packages programs

A 'Your progress' section is visible on the right side of the course list. The bottom of the page shows the Windows taskbar with the search bar and system clock (09:30 21-12-2020).

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Course: Advanced Data Structure x

Not secure | moodle.gprec.ac.in/course/view.php?id=749

Apps Gmail WhatsApp DBMS-3A class room Mentor wise CSE 20... III SEM-A ATTENDA... UGC NET Computer... NTA UGC NET Solv... UGC NET CS Notes...

GPREC My courses This course 1075

Dashboard My courses ADS(P)-B Turn editing on

Advanced Data Structures Lab (B17813B1819)

Your progress

- Announcements
- Attendance ☐
- Exp 1a ☐
- Exp 1b ☐
- Exp 1c ☐
- Exp 1d ☐
- Exp 2 ☐
- Exp 2new ☐
- Exp 3a ☐
- Exp 3b ☐
- Expn 3c ☐

ADS(P)-B

- Participants
- Badges
- Competencies
- Grades
- General
- Topic 1
- Topic 2
- Topic 3
- Topic 4

Activate Windows

Course: Database Management x

Not secure | moodle.gprec.ac.in/course/view.php?id=129

Apps Gmail WhatsApp DBMS-3A class room Mentor wise CSE 20... III SEM-A ATTENDA... UGC NET Computer... NTA UGC NET Solv... UGC NET CS Notes...

GPREC My courses This course 1075

Dashboard My courses B13314A1718 Turn editing on

Database Management Systems (B13314A1718)

Your progress

- Announcements
- Attendance-DBMS-2017-18 ☐
- Unit-I ☐
- Unit-II ☐
- Unit-III part-I ☐
- Unit-III part-II ☐
- Unit-IV ☐
- Unit-V ☐
- Unit-VI ☐

B13314A1718

- Participants
- Badges
- Competencies
- Grades
- General
- Topic 1
- Topic 2
- Topic 3
- Topic 4

Dashboard Site home

Topic 1

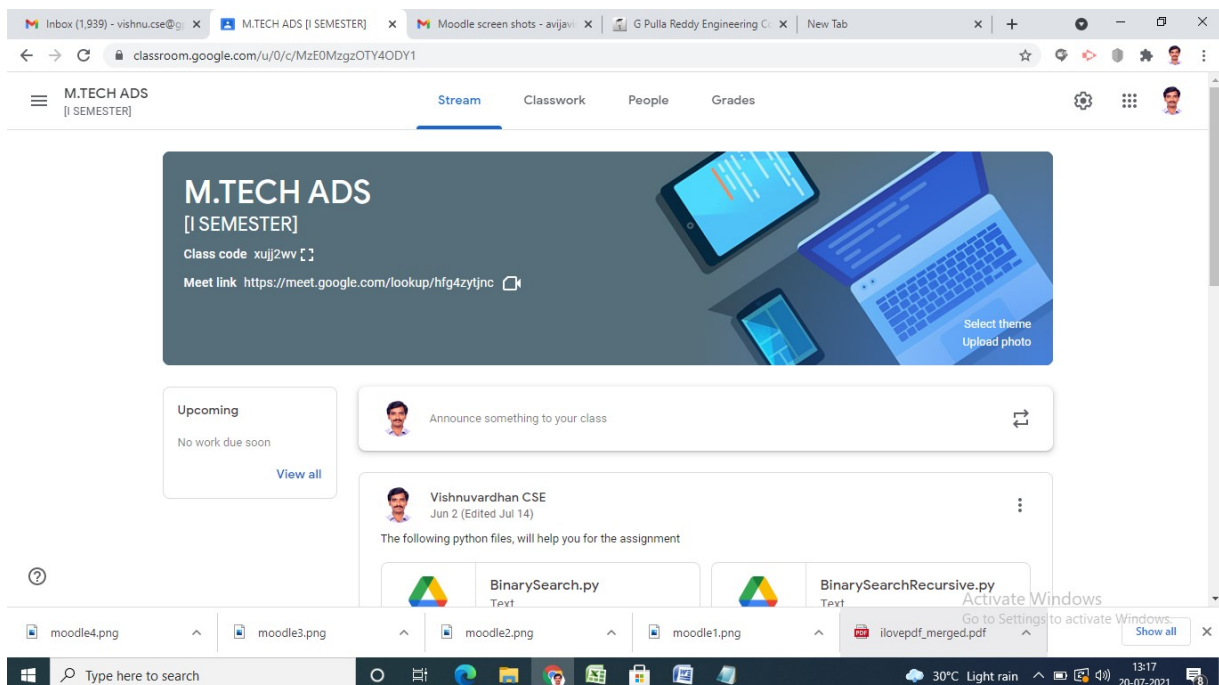
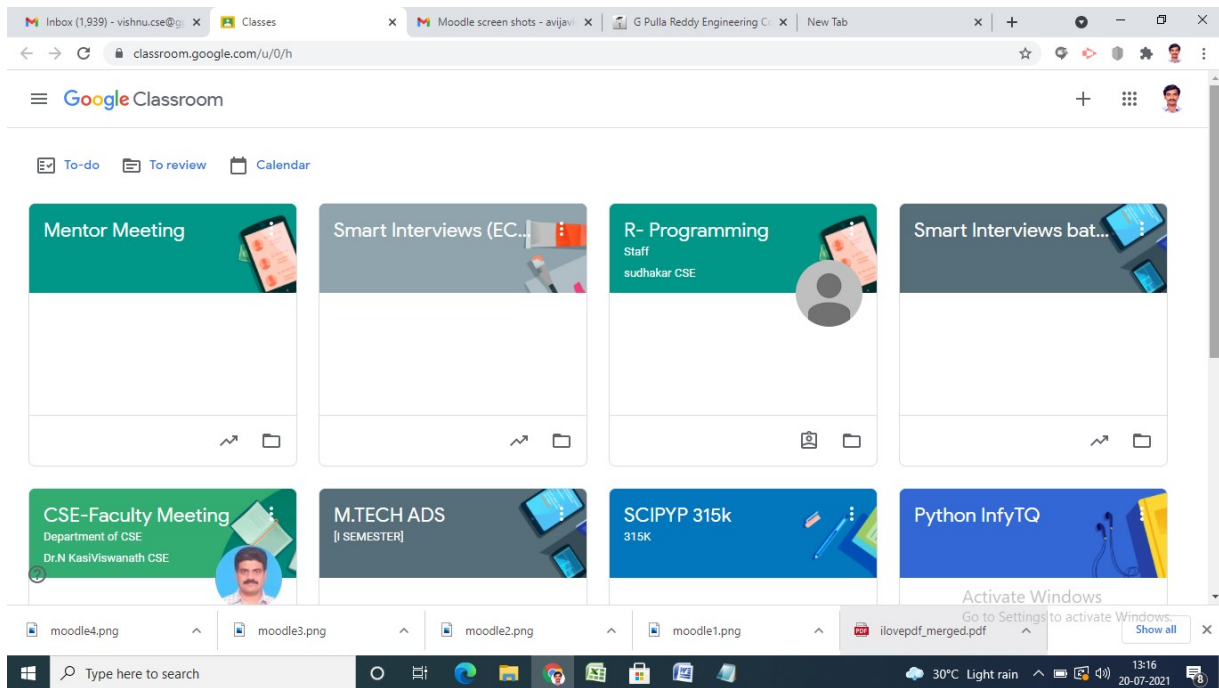
Type here to search

09:25 21-12-2020

G PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS): KURNOOL

DEPARTMENT OF CSE

Google Class Learning Management System



G PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS): KURNOOL

DEPARTMENT OF CSE

Code Tantra

Inbox - thimmareddybuchi@gmail.com | Course Progress Report

gprec.codetantra.com/secure/course-group-unitwise-dashboard.jsp

Apps | Gmail | WhatsApp | Mentor wise CSE 20... | III SEM-A ATTENDA... | Google class room | CodeTantra

Home | Labs | Tests | Users & Groups | Reports | Teach Anywhere

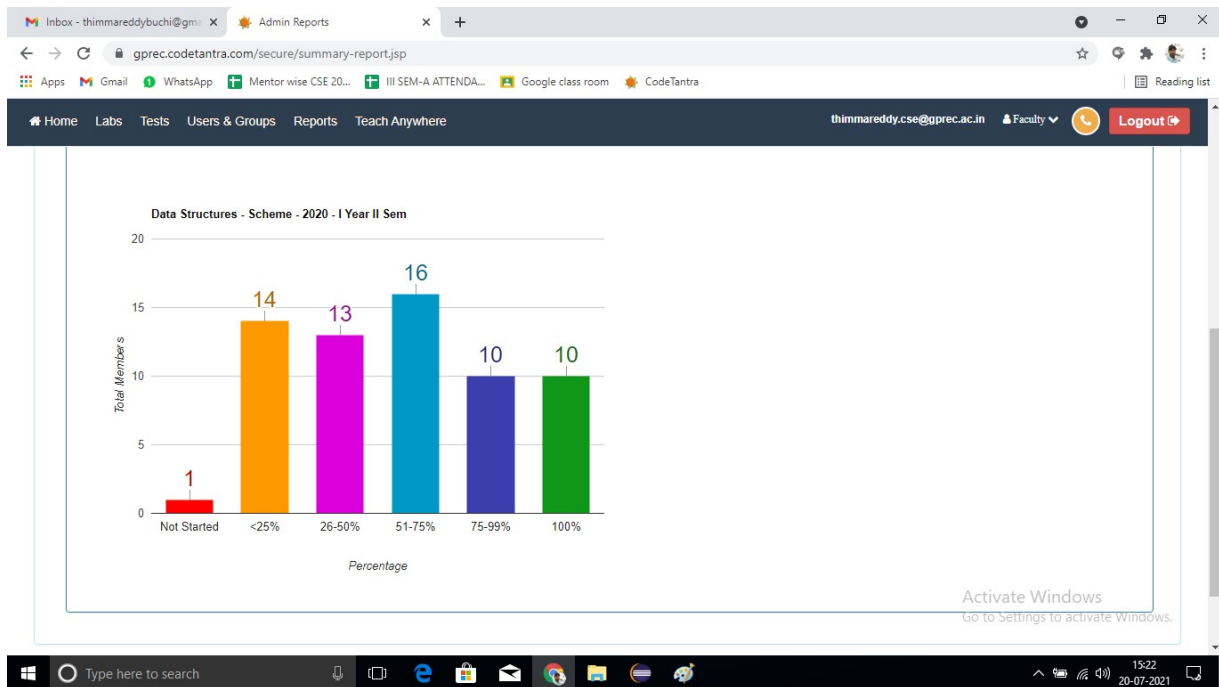
thimmareddy.cse@gprec.ac.in | Faculty | Support | Logout

14	209X1A0563	ITEKELA RAGA HARSHITHA	92%	6	5	10
15	209X1A0586	PASULA KAVYA SREE	85%	6	5	10
16	209X1A05A4	MUTTI REDDY VISHNU VARDHAN REDDY	85%	6	5	10
17	209X1A0573	KURUVA THIRTHAM	80%	6	5	10
18	209X1A0592	H N LAKSHMI NARASIMHA	80%	6	5	10
19	209X1A0587	T VAMSI	80%	6	5	10
20	209X1A0591	GANJIKUNTA RAJA SEKHAR	76%	6	5	10
21	209X1A0571	KUMMARI SHIREESHA	75%	6	5	10
22	209X1A0574	MACHIREDDY YESASWINI	74%	6	5	10
23	209X1A0578	MYLE SUHASINI	70%	6	5	10
24	209X1A0579	MYSORE BHAVITHA	70%	6	5	10
25	209X1A0599	LAKKARAJU VAMSI KRISHNA	69%	6	5	10

Activate Windows
Go to Settings to activate Windows.

Type here to search

15:20
20-07-2021



G PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS): KURNOOL

DEPARTMENT OF CSE

CodeChef

The screenshot shows the CodeChef website in a web browser. The browser's address bar displays 'codechef.com'. The website's header includes a navigation menu with links: PRACTICE & LEARN, COMPETE, DISCUSS, OUR INITIATIVES, ASSOCIATE WITH US, and MORE. A large banner for the 'STARTERS 10' contest is the central focus. The banner text reads: 'Now also rated for Div 2', 'STARTERS 10', '29 AUG 2021', 'Sun, 04:00 - 07:00 PM IST', 'Contest Duration - 3 Hrs', and 'RATED FOR DIV 2 & DIV 3'. Below the banner, there are links for 'August Lunchtime', 'Starters 10', 'Cook-Off Video Editorials', and 'Top Performers'. A 'Start Here' button is also visible. The browser's taskbar at the bottom shows several open files, including '2.3.2_1542293859...xlsx', '2.3.2_1578486305...xlsx', 'TSCOGN19432-su...pdf', 'cheat.pdf', and '2003 test (1).xlsx'. The system tray shows the date as 23-08-2021 and the time as 16:33.

Hebeon

The screenshot shows the Hebeon Technologies website in a web browser. The browser's address bar displays 'hebeon.com'. The website's header includes a navigation menu with links: Home, Technical Courses, Learning Management, Assessments, Students, Colleges, Corporates, and a 'Register' button. A large banner for 'LIVE CLASSES' is the central focus. The banner text reads: 'Purchase Any Course And Get Eligibility For FREE', 'Mentor Based Online LIVE Courses on C, Java, Python, Data Science & Machine Learning', 'FREE Online Classes Starts from this Saturday - 5th June'2021.', 'Weekly Two Classes (Every Saturday & Sunday at 5pm to 6pm)', and 'Save the below Virtual Meeting link and Join LIVE class online at 5pm on every Saturday and Sunday. Dont Miss this LIVE Sessions, as it for FREE!'. A circular image of hands typing on a laptop is also visible. The browser's taskbar at the bottom shows several open files, including '2.3.2_1542293859...xlsx', '2.3.2_1578486305...xlsx', 'TSCOGN19432-su...pdf', 'cheat.pdf', and '2003 test (1).xlsx'. The system tray shows the date as 23-08-2021 and the time as 16:34.

G PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS): KURNOOL

DEPARTMENT OF CSE

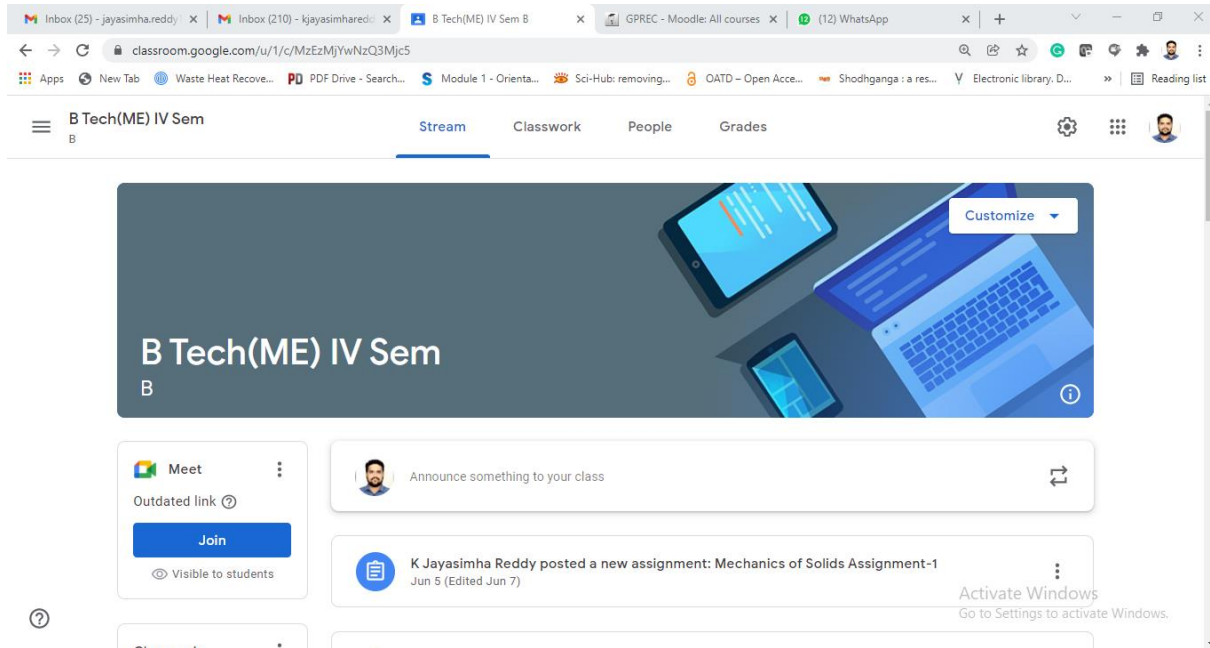
HackerRank

The screenshot shows the HackerRank website in a web browser. The browser's address bar displays 'hackerrank.com'. The website features the HackerRank logo at the top left, with 'Login' and 'Sign Up' buttons at the top right. The main heading reads 'Matching developers with great companies.' Below this, there are two columns: 'For Companies' with a 'Start Hiring' button and 'For Developers' with a 'Sign Up & Code' button. An illustration of diverse people is shown with logos of companies like Stripe, Amazon, LinkedIn, and Coinbase above them. A cookie consent banner is visible at the bottom of the page content. The browser's taskbar at the bottom shows several open files and the system clock indicating 16:35 on 23-08-2021.

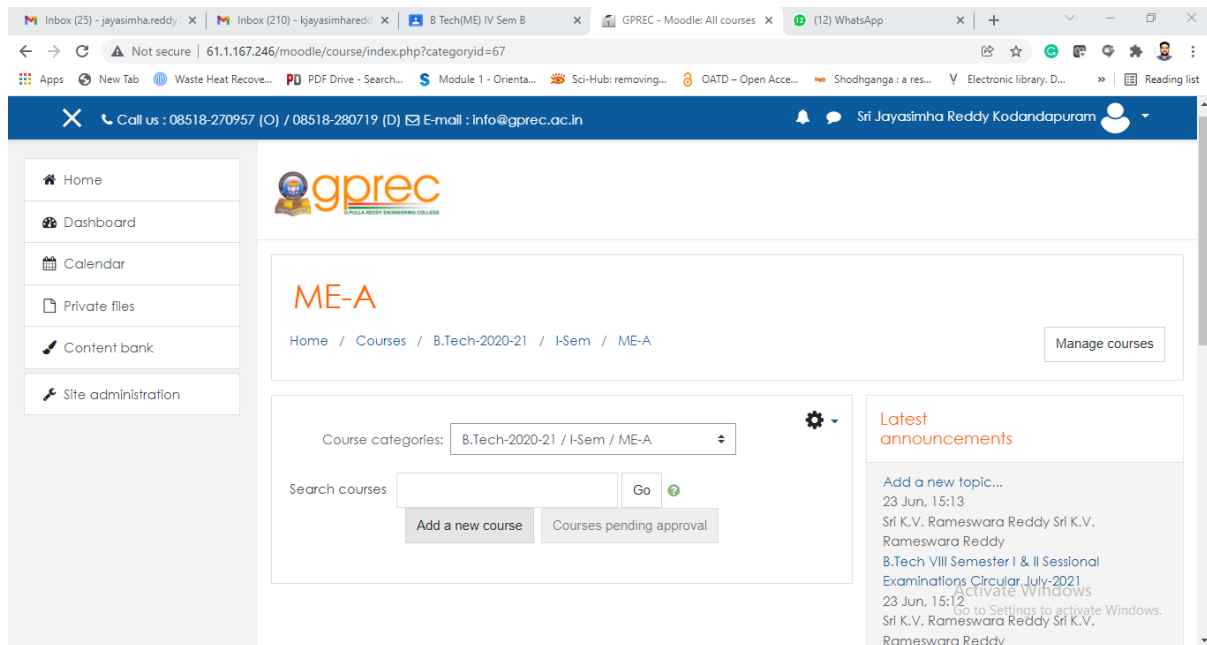
e-Box

The screenshot shows the e-Box website in a web browser. The browser's address bar displays 'e-box.co.in'. The website features the e-BOX logo at the top left, with a navigation menu including 'Programs', 'Partners', 'Courses', 'Universities', 'Contact Us', 'Login', and a 'Register' button. The main heading reads 'Master your Skills with Practice Oriented Learning'. Below this, there is a list of benefits: 'Learn from our experts in the live mentoring sessions!', 'Solve hundreds of Real Time Case Studies!', 'Get your doubts clarified!', 'Get yourself skilled!', and 'Excel in your career!'. There are two buttons: 'Know More' and 'Register Now'. A large image of people working together on laptops is shown on the right side. A Windows activation watermark is visible in the bottom right corner of the page content. The browser's taskbar at the bottom shows several open files and the system clock indicating 16:36 on 23-08-2021.

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DEPARTMENT OF ME



Faculty and students mapped in Google classroom



Faculty and students mapped in Moodle (LMS Tool)

G PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS): KURNOOL
DEPARTMENT OF ME

The screenshot shows a Google Classroom interface for a course titled "B Tech(ME) IV Sem". The "Classwork" tab is selected. At the top, there are buttons for "Create", "Meet", "Google Calendar", and "Class Drive folder". An assignment card titled "Mechanics of Solids Assignment-1" is displayed, showing it was "Edited Jun 7". The assignment details include: "No due date", "Dear Students, Hope you are all doing well! and listening to online classes. Please go through the attached document and complete the assignment following the instructions given. The **last date for submission** of the assignment is **15-06-2021**. It is informed to write in A4 sheets and convert it to PDF and upload it in the classroom." To the right of the text, a progress bar shows "30 Turned in" and "33 Assigned". Below the text, a PDF document titled "MS-Assignment-IV SEM ..." is attached. A "View assignment" link is at the bottom of the card. The bottom of the screen shows a Windows taskbar with an "Activate Windows" watermark.

Assigning assignment to students through Google Classroom

The screenshot shows a Microsoft Whiteboard interface. The text on the board reads: "Ex: A beam of I-section shown in figure is simply supported over a span of 4m, determine UDL that the beam can carry per meter length if allowable stress is 100 N/mm^2 ." To the left of the text is a small diagram of an I-section beam. To the right is a larger, detailed diagram of the I-section with dimensions: the top flange is 100 mm wide and 25 mm thick; the web is 250 mm high and 25 mm thick; the bottom flange is 200 mm wide and 25 mm thick. The total height of the section is 300 mm. On the right side of the whiteboard, there is a video feed of a person named "Jayasimha Reddy K". The bottom of the screen shows a Windows taskbar with an "Activate Windows" watermark.

Faculty handling theory lecture class through Google Classroom (Online Mode)

G PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS): KURNOOL
DEPARTMENT OF ME

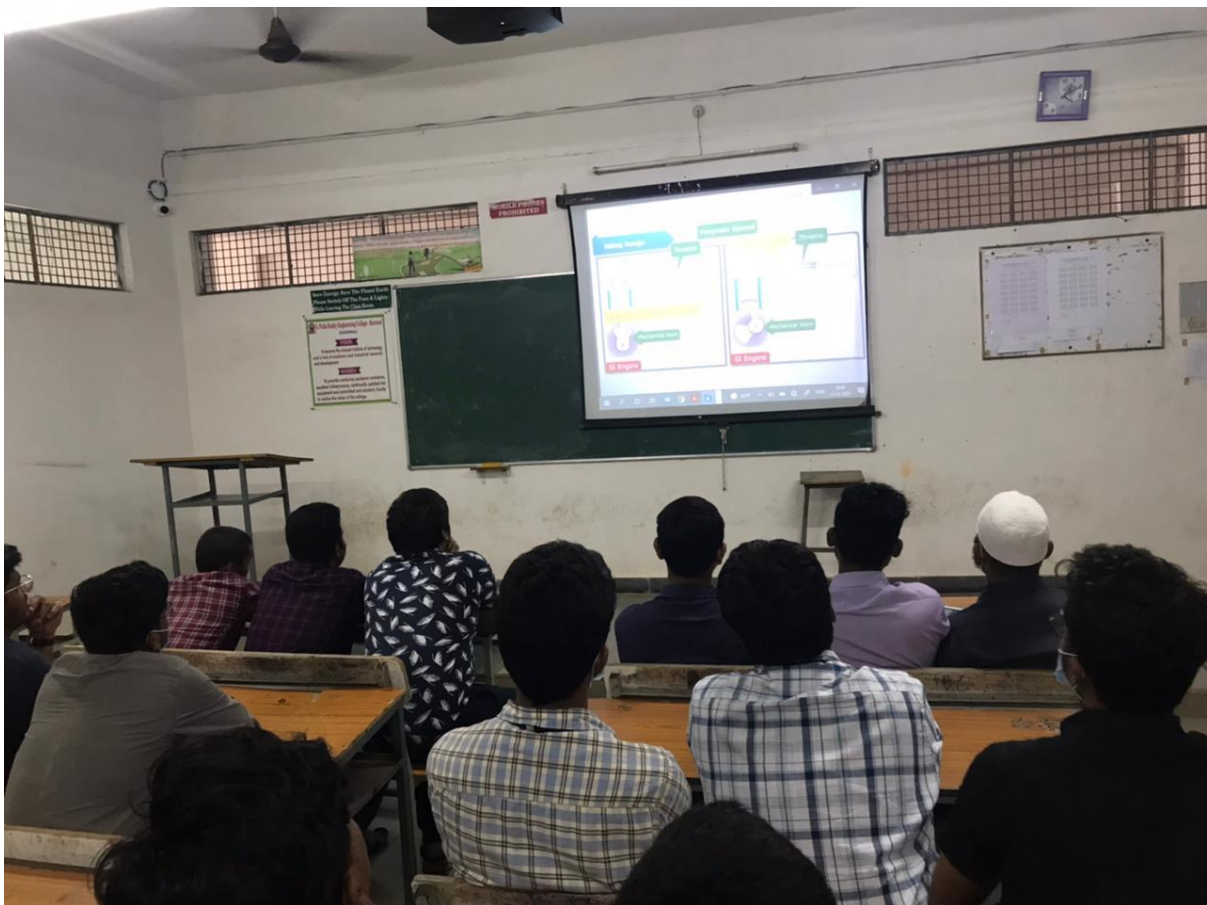
The screenshot displays a Microsoft Whiteboard interface with the following content:

- Diagrams:**
 - (a) A thick cylinder with inner radius r_i and outer radius r_o . Internal pressure p_i and external pressure p_o are indicated.
 - (b) A differential element of the cylinder with radial stress σ_r and hoop stress σ_h . A radial stress increment $d\sigma_r$ is shown.
 - A 3D diagram of a cylinder segment with length l , inner radius r , and outer radius $r+dr$. It shows the forces acting on the segment due to internal and external pressures.
- Equation:**

$$\text{Bursting force} = \sigma_r (2rl) - (\sigma_r + d\sigma_r) [2(r+dr)l]$$
- Text:**
 - $t = r_o - r_i$
 - σ_h is hoop stress

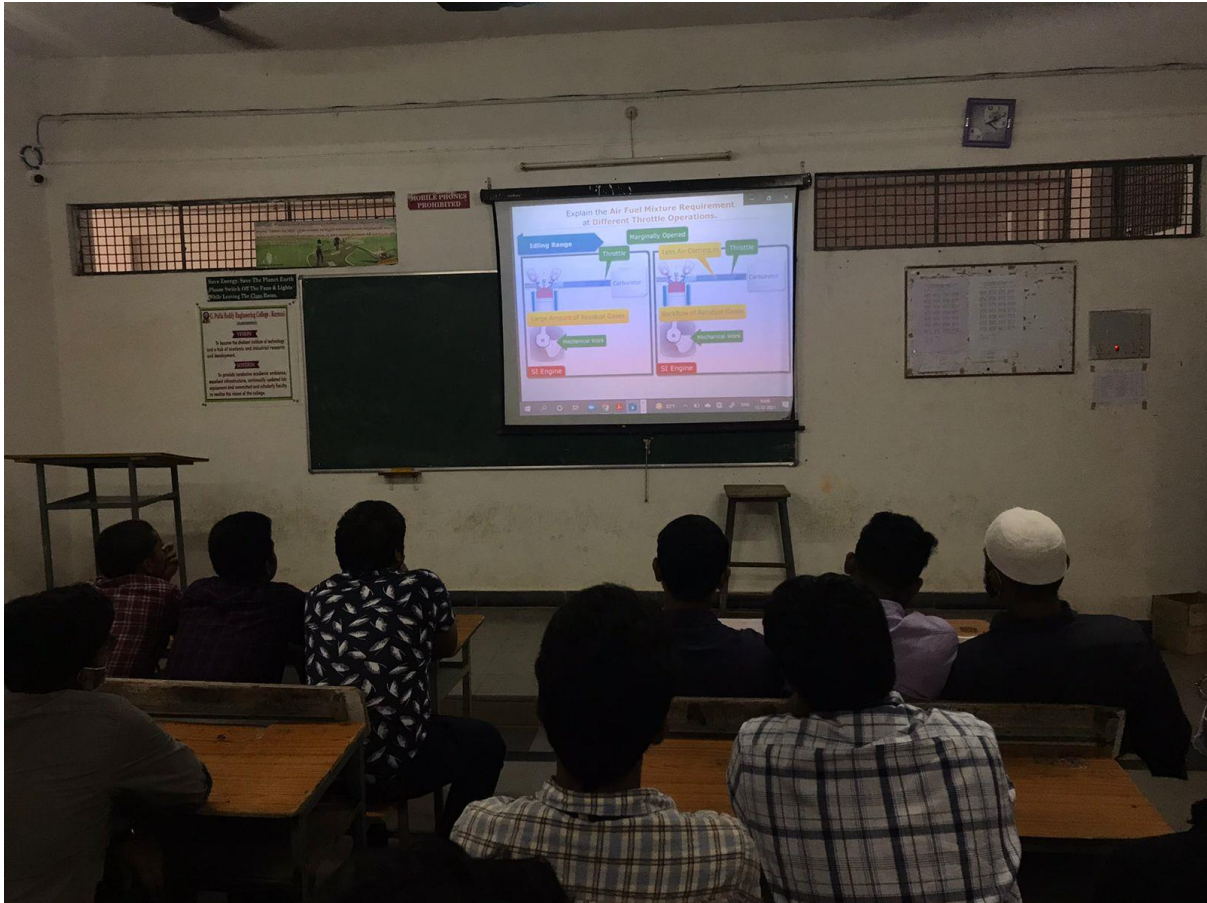
On the right side of the whiteboard, there is a small video feed of a person and a list of participants, including "Jayasimha Reddy K".

Faculty handling theory lecture class through Google Classroom (Online Mode)

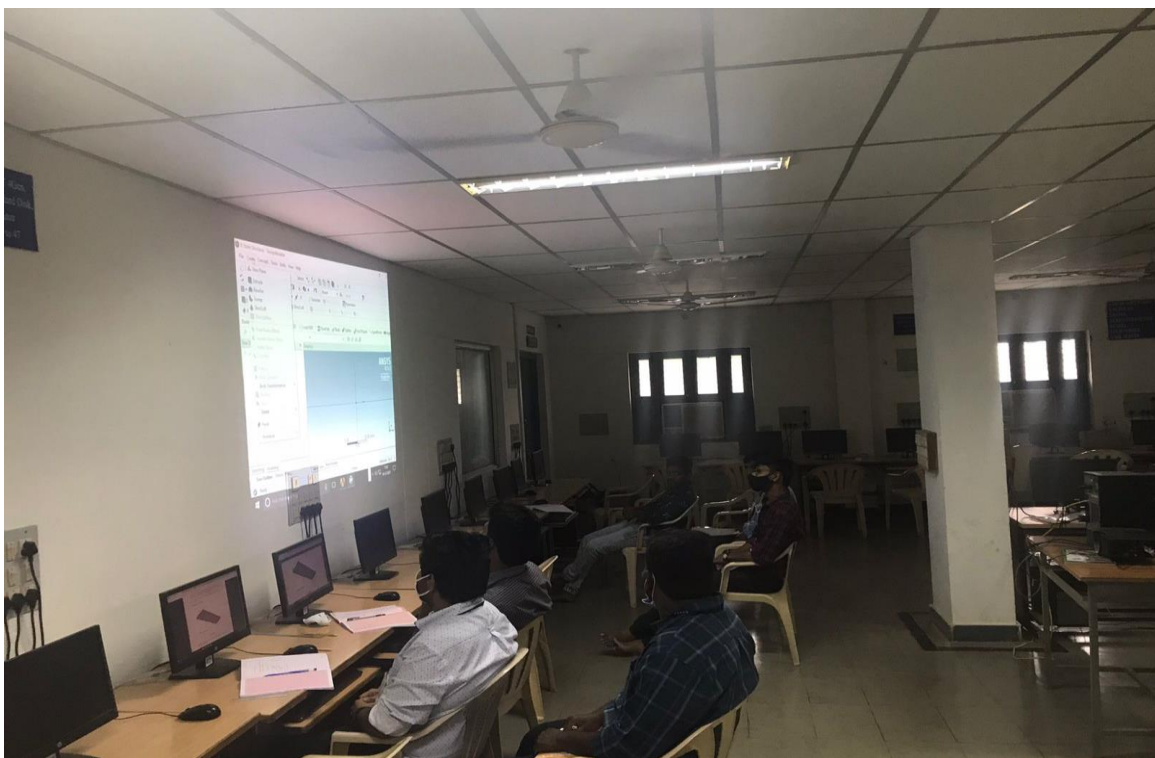


Use of LCD Projector in Classrooms

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DEPARTMENT OF ME



Use of LCD Projector in Classrooms



Use of LCD Projector in Labs for Demonstration

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DEPARTMENT OF ECE

Google Class Learning Management System

The image shows two screenshots of the Google Classroom interface. The top screenshot displays a course page for 'III Sem PTSP S-2021-2022 B'. The page features a blue header with the course name and a 'Customize' button. Below the header, there is a 'Meet' section with a 'Join' button and a 'Class code' section. A teacher, Amjad Khan ECE, has posted an announcement about a quiz link. The bottom screenshot shows the 'People' page for a course titled 'PROBABILITY THEORY AND STOCHASTIC PROCESSES'. It lists the teacher, Sonti Siva Reddy ECE, and a list of 65 students. The students' names are partially visible, including 209X1A04G4 AKUTHOTA S..., 209X1A04J7 D V VISHNUVA..., and 209X1A04J8 DEVASATH RA....

III Sem PTSP S-2021-2022 B

Stream Classwork People Grades

Meet Join Visible to students

Class code

Amjad Khan ECE Nov 26

Dear students, Please find the Link for the Quiz-1 .
<https://forms.gle/1BnUz3hikoyt3hmi7>

Teachers

Sonti Siva Reddy ECE

Students 65 students

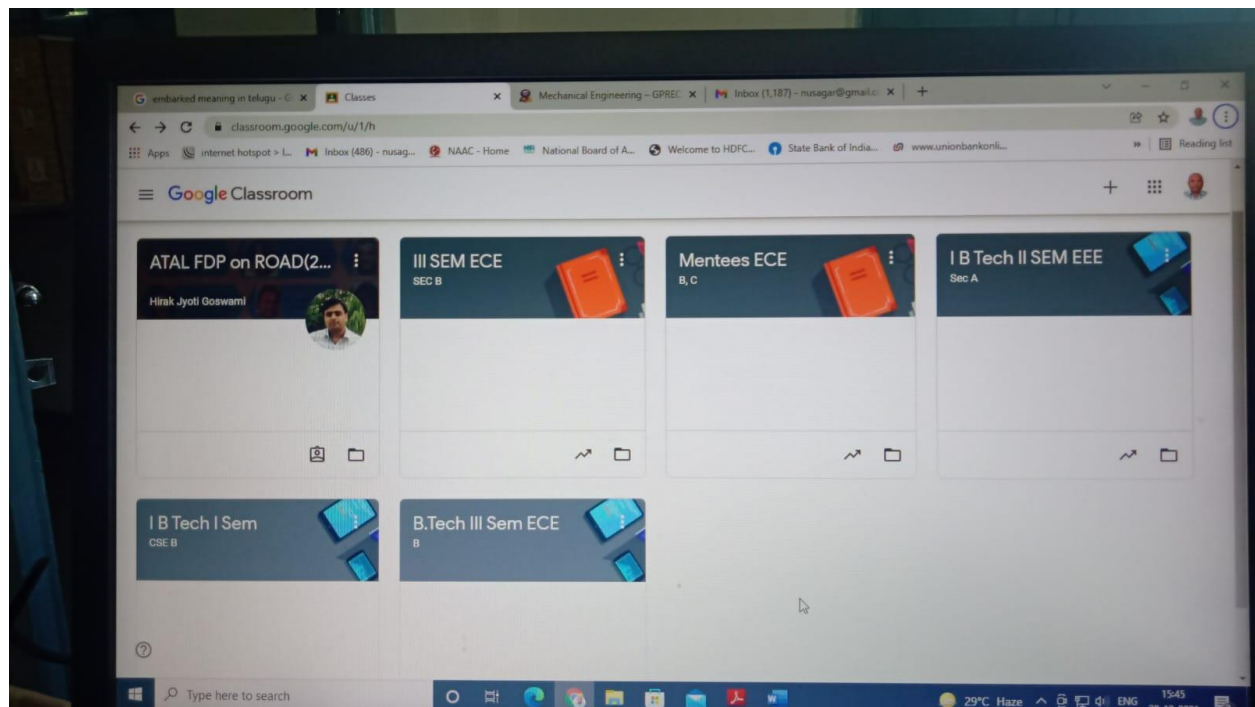
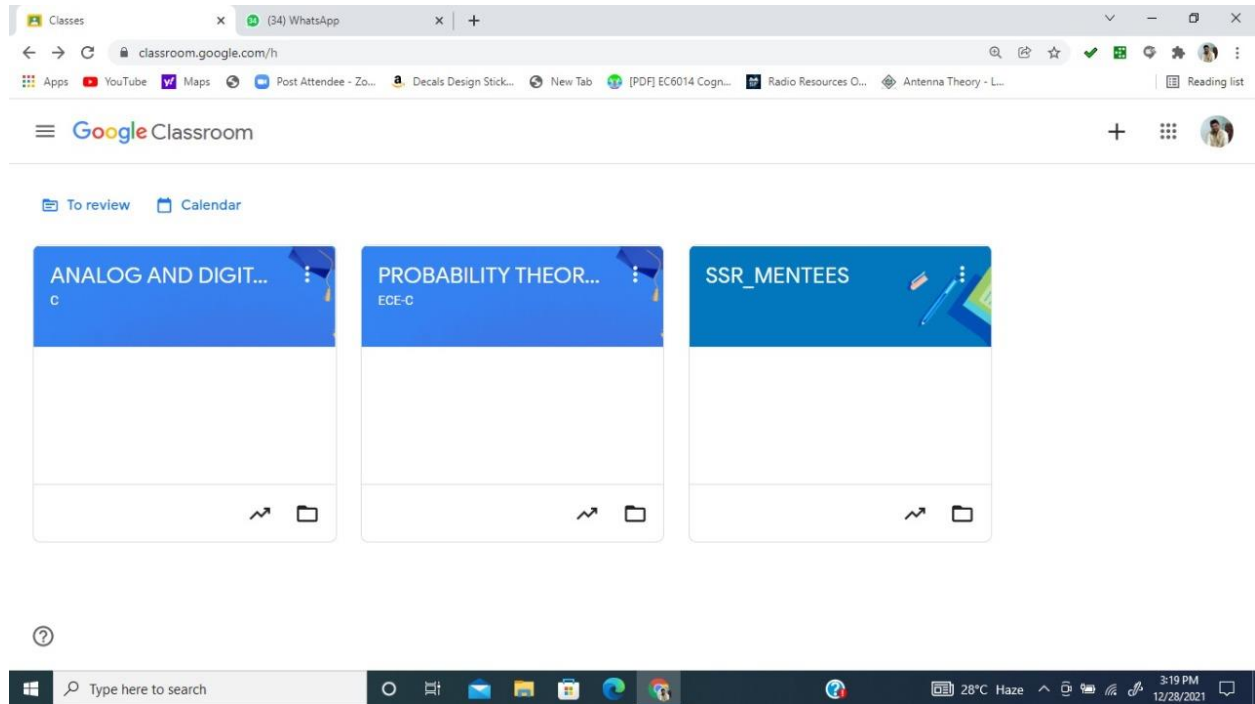
Actions

209X1A04G4 AKUTHOTA S...

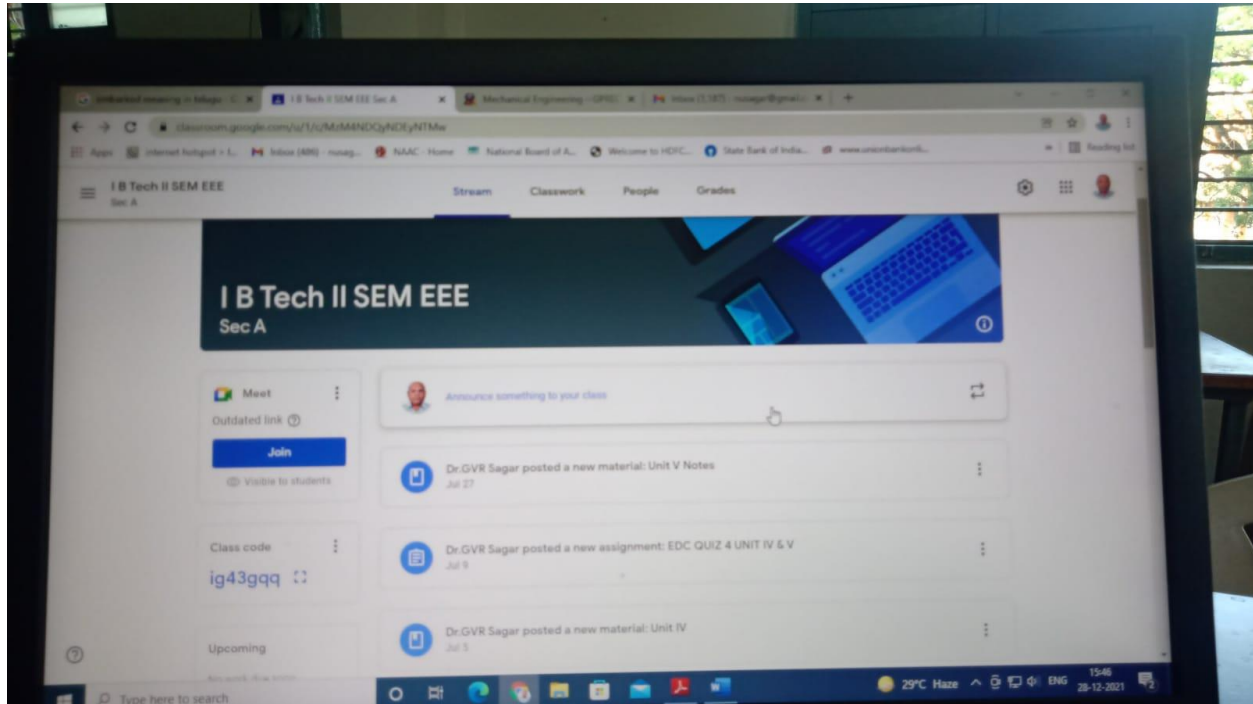
209X1A04J7 D V VISHNUVA...

209X1A04J8 DEVASATH RA...

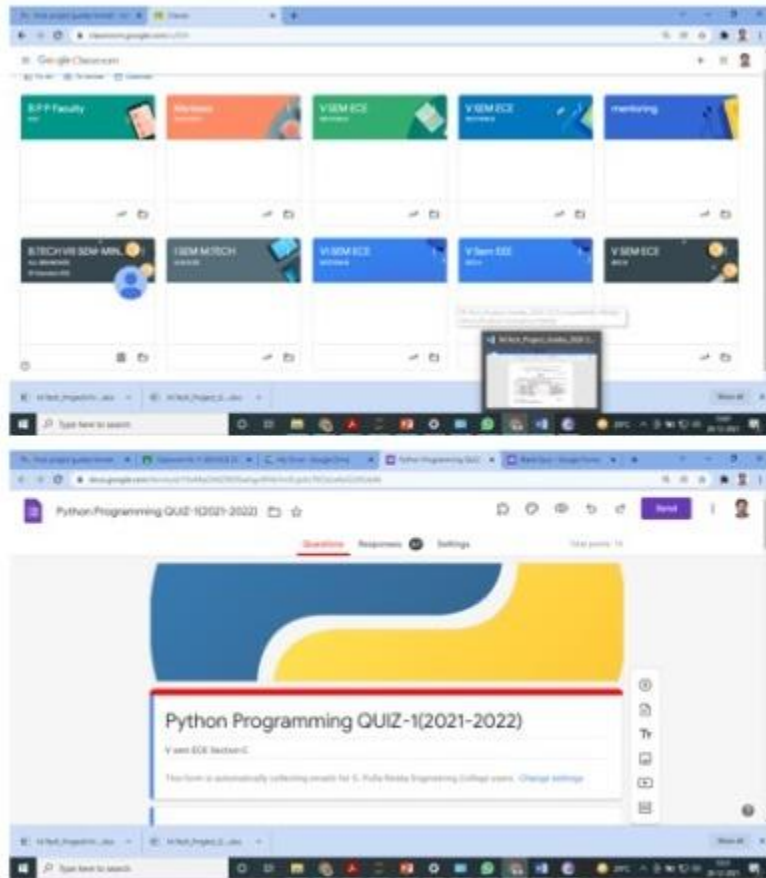
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DEPARTMENT OF ECE



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enj-qhvu... x enj-qh... x pux-shha... x My Course... x 213_11_2... x Classwork... x VI SEM SE... x Python Pr... x Blank Quo... x +

drive.google.com/file/d/1gPBTJAom_P4kfyUBCBqi_asfxgnZ3el/view

213_11_205522_16...pdf Training Resources.zip ACE Supporting Files.zip M.Tech_ProjectVIV....doc M.Tech_Project_G....doc Show all X

Type here to search

classroom.google.com/u/1/h

Google Classroom

To-do To review Calendar

MPMC_V_SecA_sem...
Section A

Python Programming...
Sec B

B P P Faculty
ECE
You're invited to teach this class.
Decline Accept

Bhuvana Vijayam GP...

B.TECH VIII SEM-MIN...
ALL BRANCHES
W.Yasmeen ECE

M.Tech_AES_I_Sem_2...
AES

ESP_VIsem_2021_A
A

2020_21_Minor Degr...
CSE & EEE

Activate Windows
Go to Settings to activate Windows.

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DEPARTMENT OF ECE

Quiz 1_ECE_SECA_MPMC

Send

Questions

Responses 68

Settings

Total points: 10

Section 1 of 2

MPMC_SecA_Quiz 1

Sec A

Roll No of the Student

Short answer text

Name of the Student

Short answer text

Activate Windows

GPRED > G.Pulla Reddy Engine... Fwd: criterion 2 files - bindhu... Classes 2.3.1_List of Innovative Teaching Microsoft Word - Learning Man... classroom.google.com/h

Google Classroom

To-do To review Calendar

DSD III SEM C 2021-22
B.TECH ECE III SEM C SEC DSD

MPMC V A 21-22 EEE
V sem EEE A SEC

ATAL FDP on ROAD(2...
Hilak Jayoti Goswami

DSDV VIII B 21-22
VI SEM SEC B 2021-22

IMMC V B 21-22
B sec

B.Tech CO & A C sec...
ECE C

M.Tech I sem VLSI 202...

II YEAR IV SEM ECE -...
IV ECE A

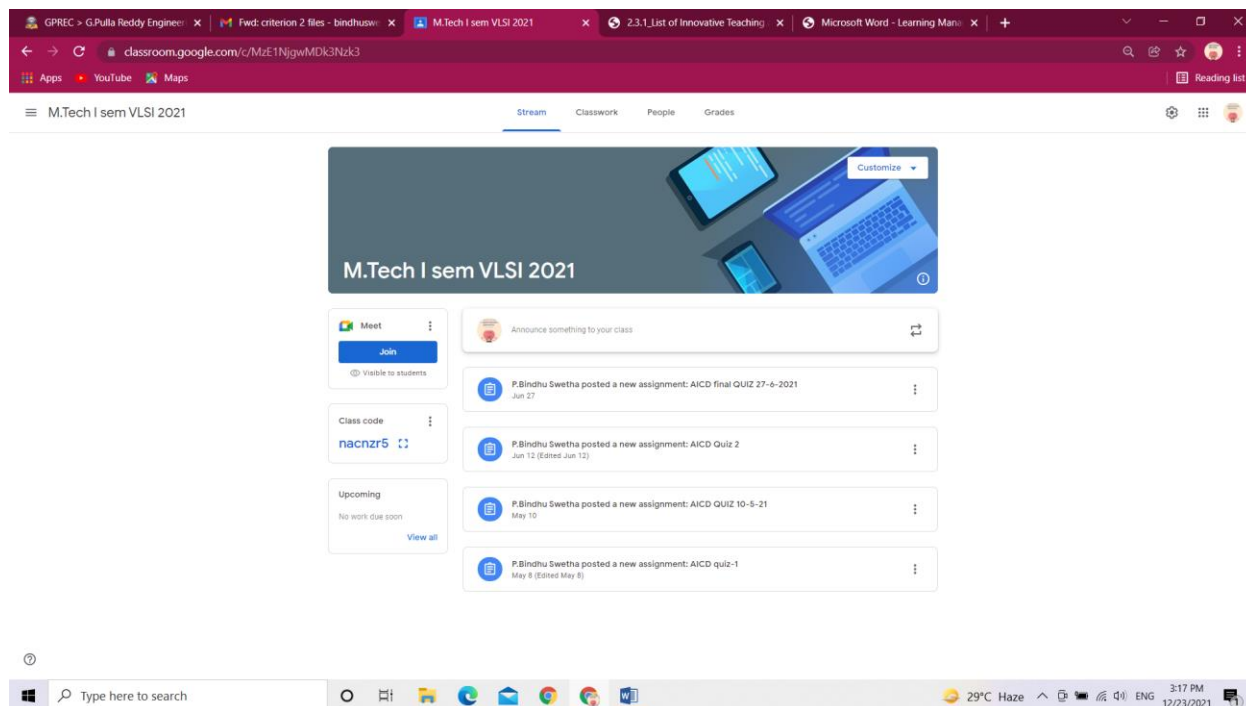
B.Tech V Sem EEE-B

B.Tech V Sem CSE-B

Type here to search

29°C Haze 3:13 PM 12/23/2021

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DEPARTMENT OF ECE



G.PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS): KURNOOL

Affiliated to JNTUA, Anantapuram

Department of ECE

Classrooms, Seminar halls and Labs with ICT – enabled Snapshots of Geotagged Photographs

The institution has augmented ICT facilities to improve learning resources in the last 5 years as given below:

S.No	Room Description	2017-18	2018-19	2019-20	2020-21	2021-22
1	Class rooms with ICT Facilities	02	11	11	11	11
2	ECE Laboratories with ICT Facilities	02	04	04	04	04
Total		04	13	13	13	13

G PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS): KURNOOL

DEPARTMENT OF ECE

ECE Block 1 ICT Enable Class Rooms



CLASS ROOM ECE-1

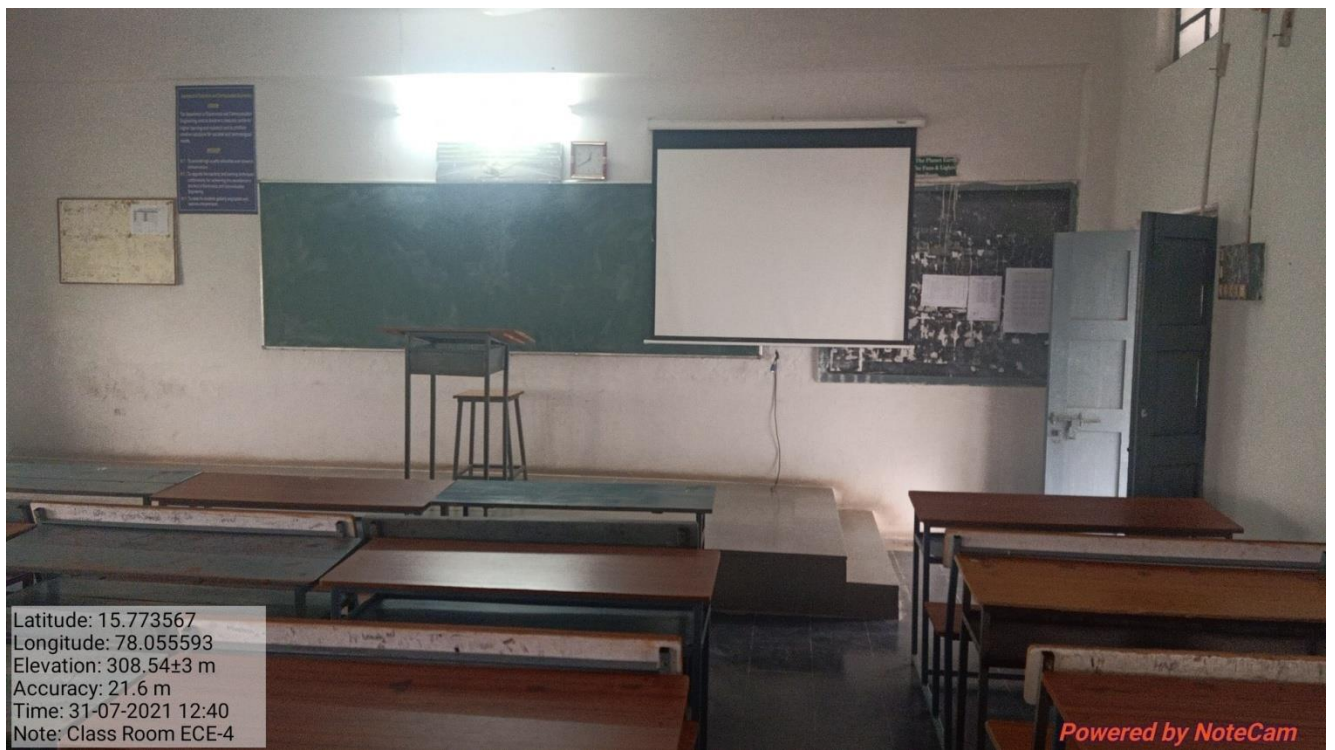


CLASS ROOM ECE-2

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DEPARTMENT OF ECE



CLASS ROOM ECE-3



CLASS ROOM ECE-4

G PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS): KURNOOL
DEPARTMENT OF EEE

This screenshot shows a Moodle course page for 'Electrical Circuit Theory (BT2072B32021)'. The page is viewed through a web browser with multiple tabs open, including 'xrf-pams-pcv (2021-04-20 at 05:13)', 'GPREC > G.Pulla Reddy Engineer...', and 'Course: Electrical Circuit Theory'. The browser address bar shows '61.1.167.246/moodle/course/view.php?id=5'. The Moodle interface includes a top navigation bar with contact information: 'Call us : 08518-270957 (O) / 08518-280719 (D) E-mail : info@gprec.ac.in' and a user profile for '7063 Dr. C. Harinatha Reddy'. A left sidebar contains a menu with options like 'Participants', 'Badges', 'Competencies', 'Grades', 'Home', 'Dashboard', 'Calendar', 'Private files', 'Content bank', 'My courses', and 'Site administration'. The main content area features the course title 'Electrical Circuit Theory (BT2072B32021)' and a breadcrumb trail: 'Home / My courses / B.Tech-2020-21 / II-Sem / EEE-8 / BT2072B32021'. Below the title, there's a 'Your progress' section with a list of items: 'Announcements', 'I Sem-EEE-8-2021', 'Unit-1-Sample quiz', 'Hidden Books (eBooks)', 'ECT Course outcomes', 'Test-Data', 'Unit-1-Quiz', 'Unit-2-Quiz', 'Unit-3-Quiz', 'Unit-4-Quiz', and 'Unit-5-Quiz'. A 'Latest announcements' section on the right contains a message dated '6 Jun, 13:20' from '7063 Dr. C. Harinatha Reddy' about a 'Sample Quiz test'. A 'Search forums' section is also visible.

Moodle course module by Dr. C.Harinatha Reddy, Associate Professor, EEE Dept, GPREC, Kurnool

This screenshot shows the GPREC Moodle LMS home page. The browser tabs include 'kdd-mat-ib (2021-05-22 at 03:13)', 'kdd-mat-ib (2021-05-22 at 03:13)', 'Notice Board - GPREC > G.Pulla', 'G.Pulla Reddy Engineering Coll...', and 'New Tab'. The address bar shows '61.1.167.246/moodle/'. The top navigation bar is identical to the previous screenshot. The main content area features a large banner image of the 'G. PULLA REDDY MEMORIAL' building. Below the banner, there's a section for 'Courses' with a dropdown menu showing 'B.Tech-2020-21'. A 'Latest announcements' section on the right contains a message dated '23 Jun, 15:13' from 'Sri K.V. Rameswara Reddy Sri K.V. Rameswara Reddy' about 'B.Tech VIII Semester I & II Sessional Examinations Circular July-2021'. Another announcement dated '23 Jun, 15:12' from 'Sri K.V. Rameswara Reddy Sri K.V. Rameswara Reddy' mentions 'B.Tech VIII Semester I & II Sessional Examinations Time Table July-2021'.

GPREC MOODLE LMS home page

G PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS): KURNOOL

DEPARTMENT OF EEE

The screenshot displays a Google Meet window. The main content area shows a PDF document titled "Introduction and Basics of Circuits" with the following text and figures:

vary that the source is called current source.

2.7.1 Ideal and Practical Sources

In ideal conditions the voltage across an **ideal voltage source** should be constant for whatever current delivered by the source. Similarly, the **ideal current source** should deliver a constant current for whatever voltage across its terminals.

Fig. 2.20 - Characteristics of ideal voltage source.

Fig. 2.21 - Characteristics of ideal current source.

In reality, the ideal conditions never exist, but for analysis purposes the sources can be considered ideal. In practical voltage source the voltage across the source decreases with increasing load current and the reduction in voltage is due to its **internal resistance**. In a practical current source, the current delivered by the source decreases with increasing load voltage and the reduction in current is due to its internal resistance.

Fig. 2.22 - Characteristics of practical voltage source.

Fig. 2.23 - Characteristics of practical current source.

The PDF is displayed in a window titled "Introduction and Basics of Circuits". The Google Meet interface shows a video feed of Dr. C. Harinatha Reddy on the right side. The bottom of the screen shows the Windows taskbar with various application icons and system status information.

Online classroom delivery using Google meet for ECT subject by Dr. C.Harinatha Reddy, Associate Professor, EEE Dept, GPREC, Kurnool during the academic year 2020-21 II Sem