



**Dhirajlal Gandhi College of Technology,
Salem – 309**

Online Teaching and Learning

S.No	e-content	DGCT website link
1	Video Lecture	http://www.dgct.ac.in/naac/e-content/lecture-video.php
2	Virtual Lab Details	http://www.dgct.ac.in/naac/e-content/virtual_lab_details.pdf
3	Video Recording Centre	http://www.dgct.ac.in/naac/e-content/recording-centre.php
4	Digital Library	http://www.dgct.ac.in/naac/e-content/digital-library.php



Dhirajlal Gandhi College of Technology, Salem – 309

Sample Photos of video lecture

Subject: Simulation and Analysis

The image displays a video lecture interface for a structural analysis simulation. The main content area shows two diagrams of a beam. The upper diagram is a 3D perspective view of a beam fixed to a wall on the left. It features a point load of 800 N at a distance of 1 m from the fixed end, followed by a distributed load of 500 N/m extending for 2 m, resulting in a total beam length of 3 m. The lower diagram is a 2D side view of the same beam, showing a pin support at the left end, a point load of 800 N at 1 m, and a distributed load of 500 N/m from 1 m to 3 m. To the right of the beam diagrams is a cross-section of an I-beam with the following dimensions: top flange width of 0.04 m, web thickness of 0.008 m, bottom flange width of 0.01 m, and a total height of 0.8 m. The video player interface includes a Microsoft Word window at the top, a screencast toolbar at the bottom, and a system tray at the bottom right showing the time 11:16 AM on 10/23/2020.



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Salem – 309**

Subject: Applied Hydraulics Engineering






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Google class room

CIVIL

 **DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY, SALEM**
DEPARTMENT OF CIVIL ENGINEERING
CONSOLIDATED REPORT OF ACTIVITIES INVOLVED IN GOOGLE CLASSROOM

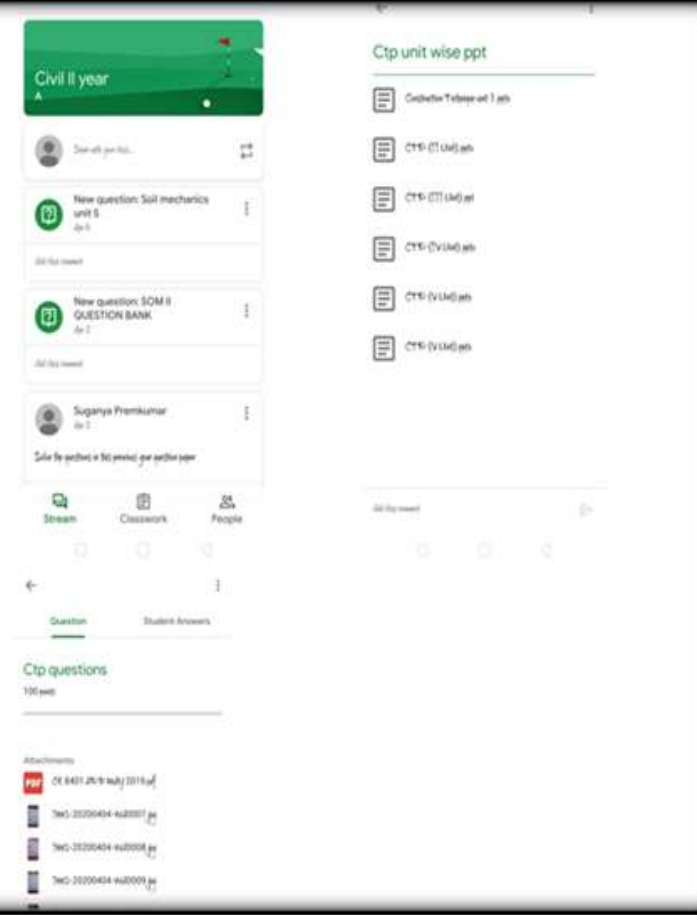
Academic Year	: 2019 - 2020
Programme/Branch	: B.E/Civil Engineering
Course Code /Name	: CE 8401- Construction Techniques and Practice
Credits	: 3
Year/Semester	: II/IV
Regulation	: R2017
Course Coordinator I	: M. NITHYA AP/CIVIL

Assignment :

1. Masonry Structures

List of Materials added:

1. Unit wise PPT
2. Previous years university questions
3. Questions bank





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Academic Year	: 2019-2020
Programme/Branch	: B.E./Civil Engineering
Course Code /Name	: CE 8402- STRENGTH OF MATERIALS II
Credits	: 3
Year /Semester	: II/
Regulation	: R2017
Course Coordinator	: G.SHANKAR AM/ CIVIL

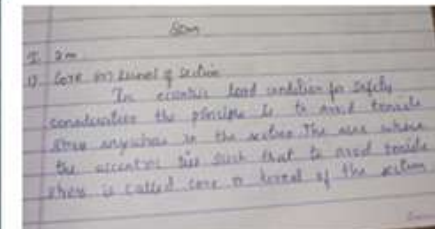
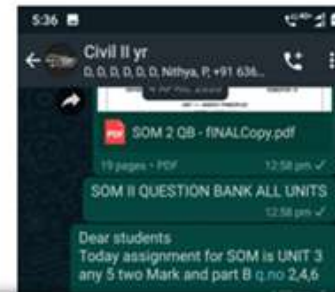
Assignment:

1. Unit 3 –Two marks questions
2. Problems in Unit 3 –Column
3. Problems in Unit 3 – Thin Cylinders and Thick cylinders

List of Materials added:

1. Unit wise 2 Marks Questions
2. Unit wise Part B & C Questions
3. Unit wise notes.

Sample copy:






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Online teaching

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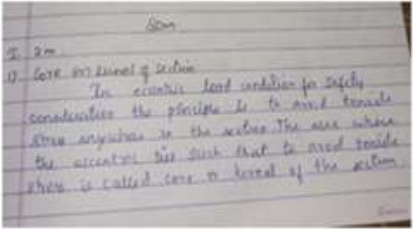
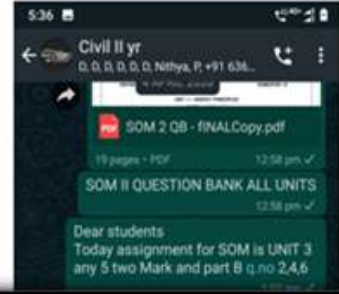

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3. Unit wise notes.

Sample copy:





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Online Teaching

The screenshot displays a Zoom meeting interface. On the left, the 'Participants (22)' list includes:

- Mfijer M (Muted)
- Mfijer
- S.Dwi
- Sunithy Marupok
- Ashik Prj
- Ashik
- Dwi one Ashik Kumar
- Geetha Hane
- Geetha
- Harshini J
- V. Rajan

On the right, two handwritten notes are shown:

Types of Foundation

- 1. Shallow foundation** (Depth $< 3 \times$ width)
- 2. Deep foundation** (Depth $> 3 \times$ width)

Shallow foundation

- 1. Spread footing**
- 2. Raft foundation**
- 3. Mat foundation**

Deep foundation

- 1. Pier foundation**
- 2. Drilled pier foundation**
- 3. Caisson foundation**
- 4. Well foundation**
- 5. Tube well foundation**
- 6. Precast pile foundation**
- 7. Cast in situ pile foundation**

Types of masonry

- 1. Brick masonry**
- 2. Block masonry**
- 3. Stone masonry**
- 4. Concrete masonry**
- 5. Composite masonry**

Types of mortar

- 1. Fat mortar**
- 2. Lean mortar**

Traditional masonry

- The mortar is made in the mortar and brick bed in the correct proportion. The brick is laid in a regular pattern.