



REMEDIAL CLASSES 2020-21

Department of Civil Engineering

GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Autonomous)

Table of Contents

S.No	Details	Page No.
1	Circular	3
2	Schedule of Classes	5
3	Student Roll List	6
4	Student Attendance Sheets	7
5	Student Feedback	9
6	Transition Rate Report	10
7	Faculty Report	11
8	Photographs	13



GRIET/PRIN/15B/G /20-21

22nd May2021

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

REMEDIAL CLASSES 2020-21

CIRCULAR

FINISHING SCHOOL

This is to inform you all that Remedial Classes will be held for academically weak students from May to June 2021. List of students and time tables are sent to individual departments.

A handwritten signature in blue ink, appearing to read 'V.N. Ramani', is positioned above the printed name of the Dean.

Dean Finishing School

22 May 2021



From
Dean,
Finishing school
GRIET.

To
The HOD
Civil Engineering Dept
GRIET

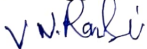
Request for faculty Allocation to conduct Online Remedial classes.

Sir/Madam,

This is to inform you that Finishing school of GRIET is conducting Remedial classes for B.Tech III year students to clear their backlogs of Sem-I. To conduct the classes in online mode we request you to Nominate faculty to teach the following courses:

S.No	Year	Course title	No. of Students	Name of the faculty	Signature of the faculty
1	III	(GR18A3001) Structural Analysis-II	13	K Hemalata	
2		(GR18A3002) Geotechnical Engineering	18	G Swetha	

Thanking you



Yours Sincerely,
Dr. Naga Rama Devi Vedala



Gokaraju Rangaraju Institute of Engineering and Technology
Finishing School
Remedial Classes Schedule

25th May to 10th June 2021

B.Tech III

Timing: GT: 5.00-6.00pm

SA-II: 6.00 – 7.00pm

S.No	Year	Subject	Name of the Faculty	Session-1	Session-2	Session-3	Session-4	Session-5	Session-6
1	III	Geotechnical Engineering (GT) (GR18A3002)	G Swetha	27/05/2021	31/05/2021	01/06/2021	02/06/2021	03/06/2021	04/06/2021
2	III	Structural Analysis -II (SA-II) (GR18A3001)	K Hemalata	31/05/2021	01/06/2021	03/06/2021	04/06/2021	05/06/2021	07/06/2021

V. Venkatesh
Dean, Finishing School



GRIET/PRIN/15B/G /20-21

22nd May2021

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

REMEDIAL CLASSES 2020-21

STUDENT ROLL LIST

Roll no	Subject Code	Subject
16241A0161	GR18A3001	Structural Analysis - II
17241A0153		
17241A0157		
18241A0101		
18241A0106		
18241A0123		
18241A0140		
18241A0181		
18241A0193		
18241A0197		
18241A01B0		
18241A01B6		
18241A01B8		
16241A0161		
17241A0153		
17241A0157		
18241A0101		
18241A0106		
18241A0109		
18241A0119		
18241A0123		
18241A0131		
18241A0133		
18241A0140		
18241A0141		
18241A0144		
18241A0179		
18241A0181		
18241A0193		
18241A0197		
18241A01B8		

REMEDIAL CLASSES 2020-21**ATTENDENCE SHEET**

S.No	Date	Time	Subject	Faculty	Internal/ External	Dept	No. of Hrs	No. of students Attended	Topics Covered
1	27-05-2021	5.00 -6.00pm	GT-1	G.Swetha	Internal	Civil Engineering	1	9	Unit-1 : Origin of soils, definitions and properties of soils, clay mineralogy
2	31-05-2021	5.00 -6.00pm	GT-1	G.Swetha	Internal	Civil Engineering	1	6	Unit-1 : Index properties of soils and soil classification
3	01-06-2021	5.00 -6.00pm	GT-1	G.Swetha	Internal	Civil Engineering	1	7	Unit-2 : permeability
4	02-06-2021	5.00 -6.00pm	GT-1	G.Swetha	Internal	Civil Engineering	1	6	Unit-3 : Effective stress, distribution
5	03-06-2021	5.00 -6.00pm	GT-1	G.Swetha	Internal	Civil Engineering	1	6	Unit-3,4 : compaction and consolidation
6	04-06-2021	5.00 -6.00pm	GT-1	G.Swetha	Internal	Civil Engineering	1	6	Unit-5 : shear strength of soil
7	31-05-2021	4:00-5:00 PM	SA-2	K Hemalatha	Internal	Civil Engineering	1	6	Unit 1 : Static and Kinematic Indeterminacy
8	01-06-2021	4:00-5:00 PM	SA-2	K Hemalatha	Internal	Civil Engineering	1	6	Unit 2 : Slope Deflection Method,MDM
9	03-06-2021	4:00-5:00 PM	SA-2	K Hemalatha	Internal	Civil Engineering	1	5	Unit 2: kani's Method
10	04-06-2021	4:00-5:00 PM	SA-2	K Hemalatha	Internal	Civil Engineering	1	5	Unit 3: Portal frame, Cantilever methods
11	05-06-2021	4:00-5:00 PM	SA-2	K Hemalatha	Internal	Civil Engineering	1	5	Unit 4: Substitute Frame method
12	07-06-2021	4:00-5:00 PM	SA-2	K Hemalatha	Internal	Civil Engineering	1	6	Unit 5: Plastic Load analysis

REMEDIAL CLASSES 2020-21

ATTENDANCE SHEET

Geotechnical Engineering (GT) (GR18A3002)						
Roll no	Dates of Conducting Classwork					
	27-05-2021	31-05-2021	01-06-2021	02-06-2021	03-06-2021	04-06-2021
16241A0161	P	a	P	P	a	P
17241A0153	a	a	a	a	a	a
17241A0157	a	a	a	a	a	a
18241A0101	P	P	P	a	P	P
18241A0106	a	a	a	a	a	a
18241A0109	a	a	a	a	a	a
18241A0119	P	P	P	P	P	a
18241A0123	P	P	P	a	a	P
18241A0131	a	a	a	a	a	a
18241A0133	P	a	a	P	P	P
18241A0140	a	a	a	a	a	a
18241A0141	P	P	P	P	P	a
18241A0144	a	a	a	a	a	a
18241A0179	P	P	P	P	a	P
18241A0181	a	a	a	a	a	a
18241A0193	P	P	P	P	P	P
18241A0197	P	a	a	a	P	a


FACULTY SIGNATURE

REMEDIAL CLASSES 2020-21
ATTENDANCE SHEET

Structural Analysis -II (SA-II) (GR18A3001)						
Roll no	Dates of Conducting Classwork					
	31-05-2021	01-06-2021	03-06-2021	04-06-2021	05-06-2021	07-06-2021
16241A0161	AB	AB	AB	AB	AB	AB
17241A0153	AB	AB	AB	AB	AB	AB
17241A0157	P	P	AB	AB	P	P
18241A0101	AB	P	P	AB	AB	AB
18241A0106	P	AB	AB	P	P	P
18241A0123	AB	AB	AB	AB	AB	P
18241A0140	AB	AB	AB	AB	AB	AB
18241A0181	AB	P	P	P	AB	P
18241A0193	P	P	P	P	AB	AB
18241A0197	P	AB	P	P	P	AB
18241A01B0	AB	P	AB	AB	AB	AB
18241A01B6	P	AB	AB	P	P	P
18241A01B8	P	P	P	AB	P	P


FACULTY SIGNATURE



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

REMEDIAL CLASSES 2020-21

Report on Remedial Classes

Remedial classes for B.Tech III year students were conducted by finishing school of GRIET in order to help them to clear their backlogs pertaining to I semester.

Summary details are:

1. Remedial classes are conducted in different Subjects to support the Students in clearing their backlogs. As the first step, classes are held in three different schedules. Students were informed through classroom announcements, SMS. Faculty gave required guidance on key topics of the subject and also shared material/notes for the benefit of the students.
2. The classes are aimed to help the students having a maximum of three backlogs so that they will get the degree as per their academic calendar. The sessions for the students are conducted to prevent failure rate and thereby increasing transition rate.
3. The subjects are selected based on the potential backlogs of the students. To increase attendance for the classes a brief motivation lecture was organized with the key note address by HOD.

The following are the courses for which Remedial classes are held and the Transition rate obtained in each course:

S.No	Course	No.of students attended	No. of students passed	Transition rate %
1.	Geotechnical Engineering	18	12	67
3.	Structural Analysis - II	13	6	46



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

REMEDIAL CLASSES 2020-21

Faculty Report on Subject

Structural Analysis - II

Unit1. Lectured concepts like Static and Kinematic Indeterminacies. Application of Castigliano's II Theorem.

Unit2. Discussed the concepts and applications on Displacement methods such as Slope –deflection method, Moment –distribution method and Kani's method of analysis.

Unit 3. Demonstrated the Approximate methods of analysis such as cantilever, portal and substitute frame method

Unit4. Addressed the concepts and applications of Matrix methods of analysis.

Unit5: Explained the importance of plastic analysis and its application to simple frames

- I. Shared Model question papers on Moodle.com and drvsnr.wordpress.com
- II. Shared Notes on Moodle.com and drvsnr.wordpress.com



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

REMEDIAL CLASSES 2020-21

Faculty Report on Subject

Geotechnical Engineering - I

Unit1. Discussed about basic properties of soil, mass volume relationships and their derivations, index properties of soils and plasticity chart.

Unit2. Discussed about factors effecting permeability, lab tests, in-situ test, effective stresses and flow nets.

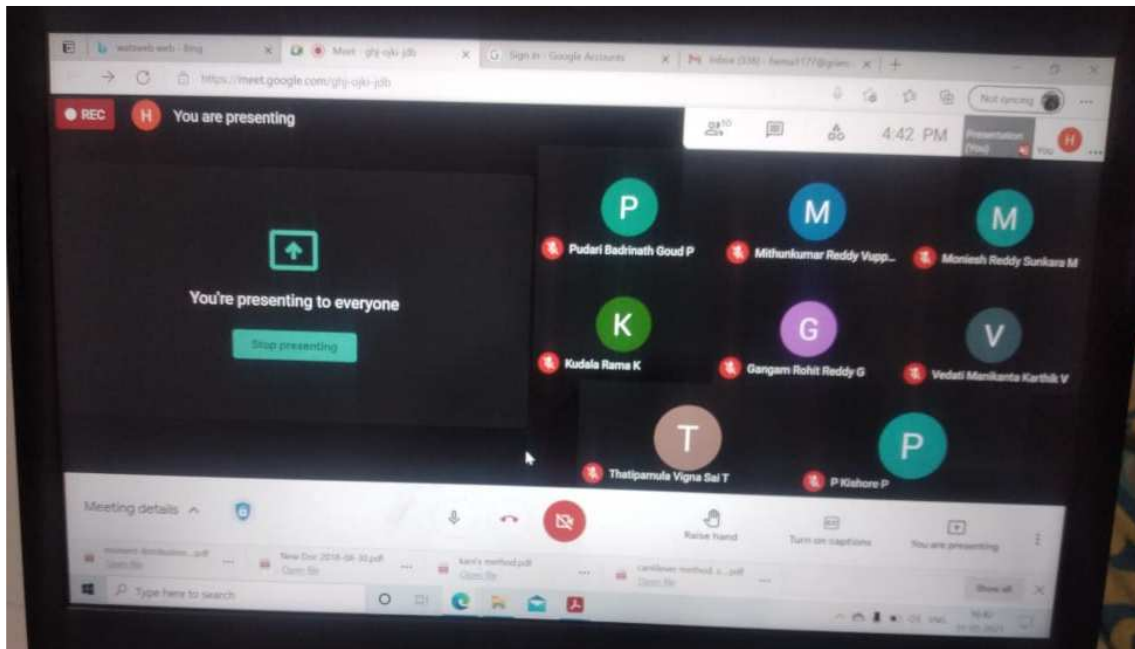
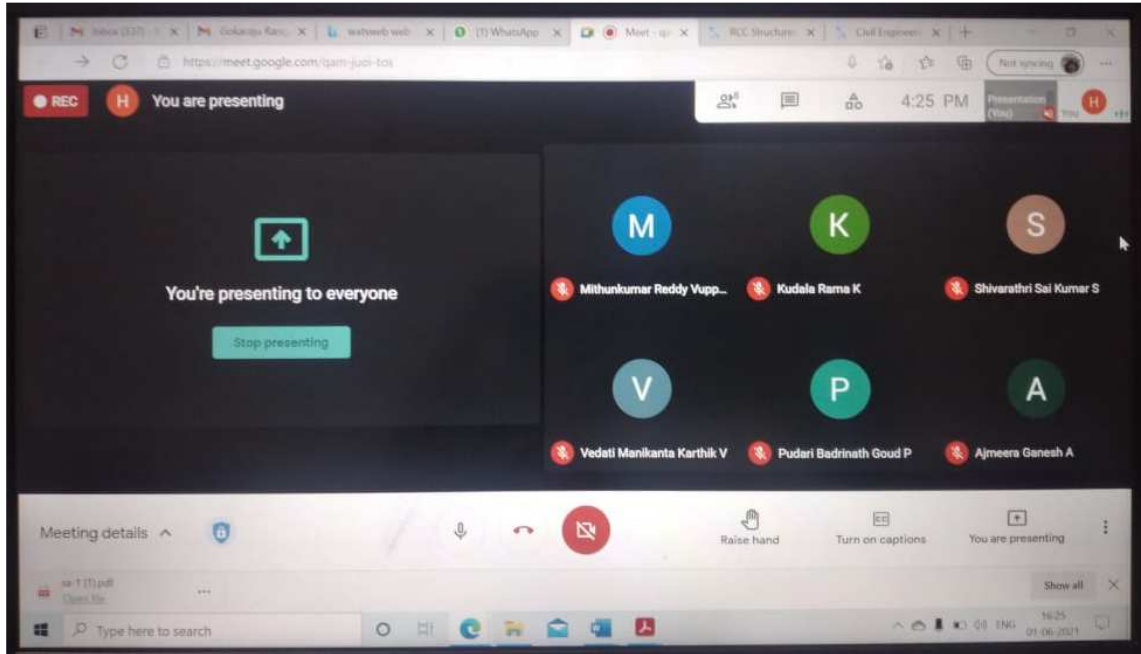
Unit 3. Discussed about Boussinesq's Theory, Westergaard's theory and Newmark's influence chart.

Unit4. Discussed about factors affecting compaction, effects of compaction on soil properties, consolidation theory and laboratory test, drainage conditions and pre-consolidation pressure.

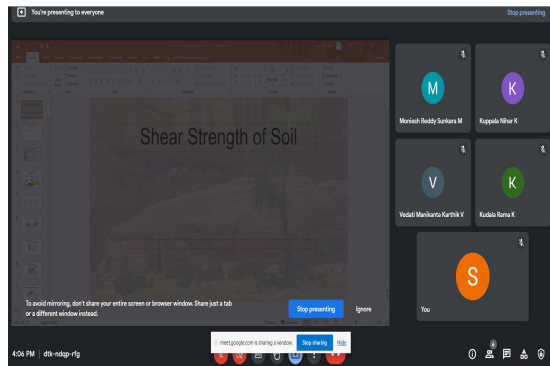
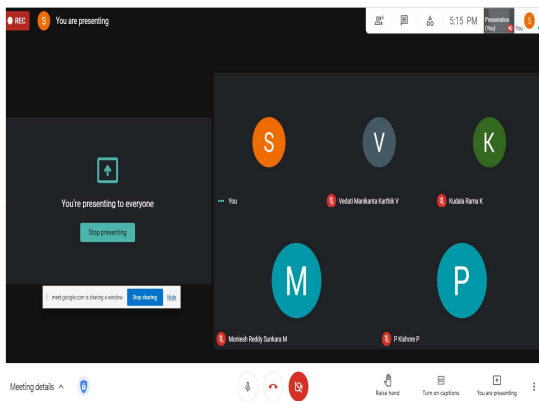
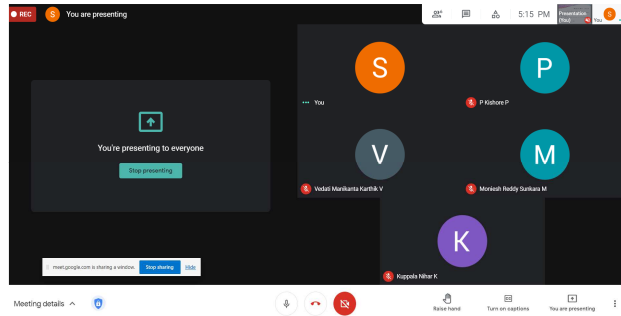
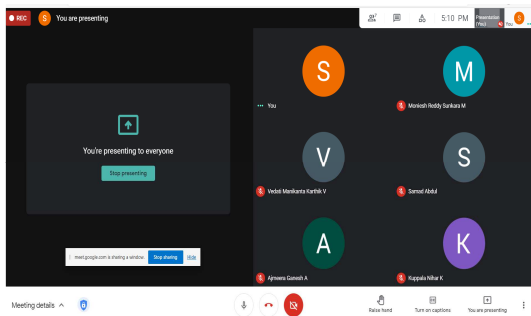
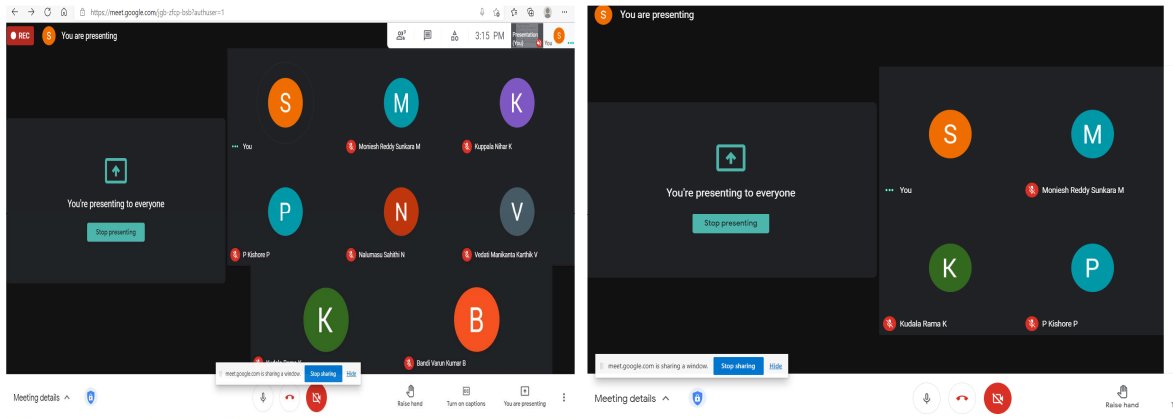
Unit5: Discussed about Mohr – Coulomb failure theories, various laboratory tests, shear strength of sands and clays.

III. Shared Model question papers

IV. Shared Notes



Structural Analysis - 2 Classwork



Geotechnical Engineering Classwork