



REMEDIAL CLASSES

2022-23

GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Autonomous)

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GRIET/PRIN/15B/G /22-23

10th Jul 2023

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

REMEDIAL CLASSES 2022-23

CIRCULAR

FINISHING SCHOOL

This is to inform you all that Remedial Classes will be held for academically weak students during July 2023. List of students and time tables are sent to individual departments.

V N Rama Devi

Dean Finishing School

10th July 2023



From
Dean,
Finishing school
GRIET.

To
The HOD
Civil Engineering Dept
GRIET

Sub: Request for faculty Allocation to conduct Remedial classes.

Sir/Madam,

This is to inform you that Finishing school of GRIET is conducting Remedial classes to selective students of B. Tech II year, who are slow learners. This would help in improving their performance credits of 1st Semester. 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	II	(GR20A2011) Solid Mechanics-I (SM-1)	34	Ms.K Hemalata	
2		(GR20A2013) Surveying and Geomatics (S&G)	21	Mr. T Srikanth	

Thanking you



Yours Sincerely,
Dr. Naga Rama Devi Vedala



Gokaraju Rangaraju Institute of Engineering and Technology

Finishing School

Remedial Classes Schedule

July - 2023

B.Tech II

Timing: SM-1: 3.00-4.00pm

S&G: 3.00-4.00pm

Room No: 4204

S.No	Subject	Name of the Faculty	Session-1	Session-2	Session-3	Session-4
1	(GR20A2011) Solid Mechanics-I (SM-1)	Ms. K Hemalata	18/7/2023 (3.00 – 4.00pm)	19/7/2023 (3.00 – 4.00pm)	20/7/2023 (3.00 – 4.00pm)	21/7/2023 (3.00 – 4.00pm)
2	(GR20A2013) Surveying & Geomatics (S&G)	Mr. T.Srikanth	12/7/2023 (3.00 – 4.00pm)	13/7/2023 (3.00 – 4.00pm)	14/7/2023 (3.00 – 4.00pm)	15/7/2023 (3.00 – 4.00pm)

V N Ramadurai

Dean, Finishing School



Gokaraju Rangaraju Institute of Engineering and Technology

Finishing School

Remedial Classes Schedule
(for II,III and IV years)

Phase-II

(Timings: 3.00-4.00)

P&S	CSE,CSDS,AI ML,DS,IT	12-7 (3612)	13/7 (3612)	14/7 (3612)	15/7 (3612)
DLD	CSE	18/7 (1408)	19/7 (1408)	20/7 (1408)	21/7 (1408)
SM-1	CE	18/7 (4224)	19/7 (4224)	20/7 (4224)	21/7 (4224)
S&G	CE	12-7 (4224)	13/7 (4224)	14/7 (4224)	15/7 (4224)
ECA	EEE	12-7 (4401)	13/7 (4401)	14/7 (4401)	15/7 (4401)
EMF	EEE	18/7 (4401)	19/7 (4401)	20/7 (4401)	21/7 (4401)
BEE	ME	12/7 (4224)	13/7 (4224)	14/7 (4224)	15/7 (4224)
Materials Engg	ME	18/7 (4224)	19/7 (4224)	20/7 (4224)	21/7 (4224)
SS	ECE	12-7 (2308)	13/7 (2308)	14/7 (2308)	15/7 (2308)
PTSP	ECE	18/7 (2308)	19/7 (2308)	20/7 (2308)	21/7 (2308)
DLD	IT	18/7 (3612)	19/7 (3612)	20/7 (3612)	21/7 (3612)

V N Ramadurai

Dean, Finishing School



GRIET/PRIN/15B/G /22-23

10th July 2023

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

REMEDIAL CLASSES 2022-23

STUDENT ROLL LIST

Roll No	Subject Code	Subject
21241A0101	GR20A2011	Solid Mechanics-1 (SM-1)
21241A0104		
21241A0106		
21241A0107		
21241A0108		
21241A0110		
21241A0113		
21241A0115		
21241A0117		
21241A0118		
21241A0119		
21241A0120		
21241A0123		
21241A0124		
21241A0125		
21241A0129		
21241A0130		
21241A0132		
21241A0133		
21241A0134		
21241A0135		
21241A0136		
21241A0138		
21241A0139		
21241A0140		
21241A0141		
21241A0144		
21241A0145		
21241A0147		
21241A0148		
21241A0151		
22245A0101		
22245A0113		

22245A0114		
21241A0101	GR20A2013	Surveying and Geomatics (S&G)
21241A0102		
21241A0107		
21241A0108		
21241A0113		
21241A0115		
21241A0118		
21241A0119		
21241A0120		
21241A0123		
21241A0129		
21241A0133		
21241A0134		
21241A0136		
21241A0139		
21241A0141		
21241A0142		
21241A0147		
21241A0148		
21241A0151		
22245A0101		

V N Ramadani

Dean, Finishing School

REMEDIAL CLASSES 2022-23**ATTENDENCE SHEET****Surveying and Geomatics (S&G)**

Roll No	Name	12th July 2023	13th July 2023	14th July 2023	15th July 2023	Status Pass/Fail
21241A0101	Adakulapally Anil					fail
21241A0102	Agam Mallikarjun	P	P	P	P	pass
21241A0107	B Swathi	P	P	P	P	pass
21241A0108	Bacha Toshith					fail
21241A0113	Bodhas Gopichand Raj					fail
21241A0115	Chevendra Venkatasaikaran Srinivasrao					fail
21241A0118	Dega Pranay					pass
21241A0119	Durgam Suraj	P	P	P	P	pass
21241A0120	Geediginjala Dhanraj					pass
21241A0123	Jajaala Sainadh					fail
21241A0129	Kandula Shashank					fail
21241A0133	Kutcharlapati Chaitanya					pass
21241A0134	Lakhan Pawar					fail
21241A0136	Megharaj Yasheshwar					fail
21241A0139	Orsu Karthik					fail
21241A0141	Patthi Sai Ganesh					fail
21241A0142	Pentam Rohith	P	P	P	P	pass
21241A0147	Sama Shashidar Reddy	P	P	P	P	pass
21241A0148	Kota Sandeep					fail
21241A0151	Talari Srikeerthan					pass
22245A0101	AKULA RAKSHITH					pass



Faculty

REMEDIAL CLASSES 2022-23**ATTENDENCE SHEET****Solid Mechanics (SM-1)**

Roll No	Name	18th July 2023	19th July 2023	20th July 2023	21st July 2023	Status Pass/Fail
21241A0101	Adakulapally Anil					fail
21241A0104	Amiirneni Yasasvi					fail
21241A0106	Vishnu Puli	P	P	P	P	pass
21241A0107	B Swathi					pass
21241A0108	Bacha Toshith					fail
21241A0110	Badhavath Yamini					fail
21241A0113	Bodhas Gopichand Raj					fail
21241A0115	Chevendra Venkatasaikaran Srinivasrao					fail
21241A0117	Deepati Vinay Kumar					fail
21241A0118	Dega Pranay					fail
21241A0119	Durgam Suraj					fail
21241A0120	Geediginjala Dhanraj					fail
21241A0123	Jajaala Sainadh					fail
21241A0124	Javvadi Sriyanka					fail
21241A0125	Jalli Jessica	P	P	P	P	pass
21241A0129	Kandula Shashank					fail
21241A0130	Khaja Kamaluddin	P	P	P	P	pass
21241A0132	Kuppala Naga Narendra					pass
21241A0133	Kutcharlapati Chaitanya					pass
21241A0134	Lakhan Pawar					fail
21241A0135	Manda Raghuvardhan					pass
21241A0136	Megharaj Yasheshwar					fail
21241A0138	Oleti Dhana Laxmi Varma	P	P	P	P	pass
21241A0139	Orsu Karthik					fail
21241A0140	Palusa Sri Vani					fail
21241A0141	Patthi Sai Ganesh					fail
21241A0144	Pentam Rohith	p	p	p	p	pass

21241A0145	Ravuri Akash					fail
21241A0147	Sama Shashidar Reddy					fail
21241A0148	Kota Sandeep					fail
21241A0151	Talari Srikeerthan					pass
22245A0101	AKULA RAKSHITH					fail
22245A0113	Vignan Nandigam					pass
22245A0114	ORSU AJAYKUMAR					pass



Faculty



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

REMEDIAL CLASSES 2022-23

Report on Remedial Classes

Remedial classes for B.Tech II 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	No. of students passed	Transition rate %
1.	Solid Mechanics -I (SM-I) (GR20A2011)	34	12	35%
2.	Surveying and Geomatics (S7G) (GR20A2013)	21	13	62%



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

REMEDIAL CLASSES 2022-23

Faculty Report on Subject

SURVEYING AND GEOMATICS

- UNIT 1. Explained the basic concepts of surveying, problems solving in chain and tape corrections, compass surveying - bearings, included angles and local attraction
- UNIT 2. Discussed the principles of levelling and Determination of levels- HI Method-Rise and Fall method, Contouring- Introduction- Characteristics and uses of
- Unit 3. Explained the Computation of Areas and Volumes consisting of irregular boundary and regular boundary, Area of traverse-coordinates, MDM, DMD methods.
- UNIT4. Explained the basic concepts of a Theodolite Surveying & Tacheometric Surveying: measurement of horizontal angle by repetition method and reiteration method,
Principles of Tacheometry, stadia and tangential methods of Tacheometry. Curves: Types of curves and their necessity, elements of simple curve, setting out of simple Curves.
- UNIT 5. Discussed the principle of Total Station and Global Positioning System, Electromagnetic wave theory - electromagnetic distance measuring system - principle of working and EDM instruments, Components of GPS, Applications of GPS.
- I. Model papers of previous Academic years shared
 - II. Notes uploaded in Student Portal
 - III. Shared the important topics
 - IV. Tutorial classes are conducted for clarifying doubts



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REMEDIAL CLASSES 2022-23

Faculty Report on Subject

SOLID MECHANICS I

Unit1. Discussed about simple stresses, strains, elastic moduli relations, problems on stresses and strains, strain energy due to gradual, sudden and impact loads.

Unit2. Discussed about calculation of principal stresses, normal stresses, tangential stresses, resultant stresses using analytical method and graphical method, Theories of failures concepts and problems.

Unit 3. Discussed on concepts and problems of Shear forces and bending moment on different types of beams under various types of loads.

Unit4. Discussed problems and derivations of flexural stresses and bending stresses on various types of sections.

Unit5: Calculation of slope and deflection for various beams under loads using double integration, Macaulay's, moment area methods.

- I. Model papers of previous Academic years shared
- II. Notes uploaded in Moodle
- III. Given Assignments
- IV. Tutorial classes are conducted for clarifying doubts

Surveying and Geomatics Session







Solid Mechanics Session

