



Remedial Classes

2019-2020

Department of Civil Engineering

GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Autonomous)

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GRIET/PRIN/15B/G /19-20

25 Feb 2020


GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

REMEDIAL CLASSES 2019-20

CIRCULAR

FINISHING SCHOOL

This is to inform you all that Remedial Classes will be held for academically weak students from March to April 2020. List of students and time tables are sent to individual departments.


Dean Finishing School

25 FEB 2020

From
Dean,
Finishing school
GRIET.

To
The HOD
Civil Engineering Dept.
GRIET

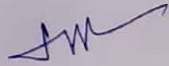

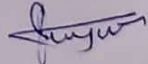
Request for faculty and Class rooms to conduct Remedial classes.

Sir,

This is to inform you that Finishing school of GRIET is conducting Remedial classes for B.Tech II year and III year students to clear their backlogs of Sem-I.

To conduct the classes, we request you

- 1) Permit us to use 2 class rooms from 3PM -4PM from 2nd March 2020 to 28th March 2020
- 2) 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 YEAR	(GR18A2009) Solid Mechanics - I	24	K Hemalata	
2	III YEAR	(GR17A3002) Design of Reinforced Concrete Structures	25	Dr.T Srinivas	
3		(GR17A3004) Advanced Structural Analysis	27	S P Raju	

Thanking you
Yours Sincerely,
Dr P.V.Prasad Rao



Gokaraju Rangaraju Institute of Engineering and Technology

Finishing School

Remedial Classes Schedule II-I Semester 2019-20

S.No	Subject	Name of the Faculty	Session-1	Session-2	Session-3	Session-4	Session-5
1	Solid Mechanics-I	K Hemalata	9/3/2020 (3.00 – 4.00) Room-4222	10/3/2020 (3.00 – 4.00) Room-4222	16/3/2020 (3.00 – 4.00) Room-4222	17/3/2020 (3.00 – 4.00) Room-4222	23/3/2020 (3.00 – 4.00) Room-4222


Dean, Finishing School



Gokaraju Rangaraju Institute of Engineering and Technology

Finishing School

Remedial Classes Schedule III-I Semester 2019-20

S.No	Subject	Name of the Faculty	Session-1	Session-2	Session-3	Session-4	Session-5
1	Design of Reinforced Concrete Structures	Dr.T.Srinivas	9/3/2020 (3.00 - 4.00) Room-4201	10/3/2020 (3.00 - 4.00) Room-4201	16/3/2020 (3.00 - 4.00) Room-4201	17/3/2020 (3.00 - 4.00) Room-4201	23/3/2020 (3.00 - 4.00) Room-4201
2	Advanced Structural Analysis	SPRaju	11/3/2020 (3.00 - 4.00) Room-4201	12/3/2020 (3.00 - 4.00) Room-4201	18/3/2020 (3.00 - 4.00) Room-4201	19/3/2020 (3.00 - 4.00) Room-4201	24/3/2020 (3.00 - 4.00) Room-4201

Dean, Finishing School

Remedial Classes 2019-20

II Year Attendance Sheet

(GR18A2009) Solid Mechanics - I

Student Roll No	Dates of Class work				
	9/3/20	10/3/20	16/3/20	17/3/20	23/3/20
18241A0101	P	a	a	P	a
18241A0105	P	P	P	P	P
18241A0106	a	P	a	P	P
18241A0109	P	a	P	a	a
18241A0116	a	P	a	P	P
18241A0119	P	P	P	P	a
18241A0123	a	P	P	P	a
18241A0124	P	P	P	P	a
18241A0133	a	a	P	a	P
18241A0140	P	a	P	P	P
18241A0144	P	P	P	P	a
18241A0156	a	a	P	a	a
18241A0168	P	a	P	P	a
18241A0181	P	P	P	P	a
18241A0185	a	a	P	P	a
18241A0191	a	P	a	P	P
18241A0193	P	P	P	P	a
18241A0197	a	P	a	P	a
18241A0198	a	a	P	a	P
18241A01A1	P	a	a	P	P
18241A01A7	a	P	P	P	P
18241A01B0	P	a	a	P	a
18241A01B4	P	P	P	P	a
18241A01B6	a	P	a	P	P

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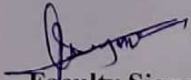
Faculty Signature

Remedial Classes 2019-20

III Year Attendance Sheet

(GR17A3004) Advanced Structural Analysis


Student Roll No	Dates of Class work				
	11/3/20	12/3/20	18/3/20	19/3/20	24/3/20
16241A0121	P	a	a	P	P
17241A0106	P	a	P	a	P
17241A0107	a	a	a	a	a
17241A0109	a	a	a	P	P
17241A0126	a	a	P	P	a
17241A0127	a	a	a	a	a
17241A0149	P	P	P	P	P
17241A0151	a	a	a	a	a
17241A0154	a	a	a	a	a
17241A0155	P	a	P	P	P
17241A0158	a	a	a	a	a
17241A0159	a	P	P	P	a
17241A0161	P	P	a	a	P
17241A0177	P	a	a	a	a
17241A0178	P	a	P	P	P
17241A0180	a	a	a	a	a
17241A0188	a	a	a	a	a
17241A0189	a	P	P	P	P
17241A0197	P	a	P	a	a
17241A0199	a	a	P	P	a
17241A01A1	a	a	a	a	a
17241A01A4	P	P	a	P	a
17241A01A8	a	P	P	a	P
17241A01B8	P	a	P	P	a
18245A0107	P	a	a	P	P
18245A0123	a	a	P	P	P
18245A0124	a	a	a	a	a


 Faculty Signature

Remedial Classes 2019-20

III Year Attendance Sheet

Student Roll No	(GR17A3002) Design of Reinforced Concrete Structures				
	Dates of Class work				
	9/3/20	10/3/20	16/3/20	17/3/20	23/3/20
16241A0101	P	P	A	P	A
16241A0106	A	A	A	A	A
16241A0171	P	A	P	P	P
17241A0107	A	A	A	A	A
17241A0123	P	P	A	A	P
17241A0128	A	A	A	P	P
17241A0130	P	A	A	A	A
17241A0133	A	A	A	A	A
17241A0151	P	P	P	P	P
17241A0154	A	A	A	A	A
17241A0155	P	A	P	P	P
17241A0158	A	P	A	A	A
17241A0159	A	A	A	A	A
17241A0177	P	A	A	A	A
17241A0178	A	P	P	P	P
17241A0179	A	A	A	A	A
17241A0180	A	A	A	A	A
17241A0188	P	A	P	P	P
17241A0189	A	P	A	A	A
17241A0197	P	A	A	P	P
17241A01A4	A	A	A	A	A
17241A01A8	A	P	P	P	P
18245A0107	A	P	P	P	P
18245A0123	P	A	P	P	P
18245A0124	P	P	A	A	P


 Faculty Signature



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY
FINISHING SCHOOL

REMEDIAL CLASSES (Academic Support for Students) Student Feed Back

Branch: *Civil Engineering*

Year: *2019-20*

Sem: *I*

Subject: *SM I*

Faculty Name: *K. Hemalatha*

S.No	Item	Feedback
1	Material presented	Excellent/ Very Good/Good/Average/Below Average
2	Teaching Clarity	Excellent/ Very Good/Good/Average/Below Average
3	Covering of important topics	Excellent/ Very Good/Good/Average/Below Average
4	Doubts clarification	Excellent/ Very Good/Good/Average/Below Average

Suggestions: *K.M*

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FINISHING SCHOOL

REMEDIAL CLASSES (Academic Support for Students) Student Feed Back

Branch: *Civil Engng*

Year: *2018-20*

Sem: *II - I*

Subject: *SMT*

Faculty Name: *C. Hanreddy*

S.No	Item	Feedback
1	Material presented	Excellent/Very Good/Good/Average/Below Average
2	Teaching Clarity	Excellent/Very Good/Good/Average/Below Average
3	Covering of important topics	Excellent/Very Good/Good/Average/Below Average
4	Doubts clarification	Excellent/Very Good/Good/Average/Below Average

Suggestions:

Nil

[Signature]



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FINISHING SCHOOL

REMEDIAL CLASSES (Academic Support for Students) Student Feed Back

Branch: Civil Year: 2019-20 Sem: II-I
Subject: SM-I Faculty Name: K. Hemalatha

S.No	Item	Feedback
1	Material presented	✓ Excellent/Very Good/Good/Average/Below Average
2	Teaching Clarity	✓ Excellent/Very Good/Good/Average/Below Average
3	Covering of important topics	✓ Excellent/Very Good/Good/Average/Below Average
4	Doubts clarification	✓ Excellent/Very Good/Good/Average/Below Average

Suggestions: N/A



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

FINISHING SCHOOL

REMEDIAL CLASSES (Academic Support for Students) Student Feed Back

Branch: Civil Year: 2019-20 Sem: II - I
Subject: GM - I Faculty Name: Hemalatha . K

S.No	Item	Feedback
1	Material presented	Excellent/Very Good/Good/Average/Below Average
2	Teaching Clarity	Excellent/Very Good/Good/Average/Below Average
3	Covering of important topics	Excellent/Very Good/Good/Average/Below Average
4	Doubts clarification	Excellent/Very Good/Good/Average/Below Average

Suggestions: Nil



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

FINISHING SCHOOL

REMEDIAL CLASSES (Academic Support for Students) Student Feed Back

Branch: 2019-20 (Civil) Year: 1st Year (2019-20) Sem: I
Subject: SM-I Faculty Name: K. Hemalatha

S.No	Item	Feedback
1	Material presented	Excellent/Very Good/Good/Average/Below Average
2	Teaching Clarity	Excellent/Very Good/Good/Average/Below Average
3	Covering of important topics	Excellent/Very Good/Good/Average/Below Average
4	Doubts clarification	Excellent/Very Good/Good/Average/Below Average

Suggestions: _____

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FINISHING SCHOOL

REMEDIAL CLASSES (Academic Support for Students) Student Feed Back

Branch: Civil
Subject: ASA

Year: 2019-20

Sem: IV - I

Faculty Name: SP Raju

S.No	Item	Feedback
1	Material presented	Excellent/Very Good/Good/Average/Below Average
2	Teaching Clarity	Excellent/Very Good/Good/Average/Below Average
3	Covering of important topics	Excellent/Very Good/Good/Average/Below Average
4	Doubts clarification	Excellent/Very Good/Good/Average/Below Average

Suggestions: NIL

CR



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FINISHING SCHOOL

REMEDIAL CLASSES (Academic Support for Students) Student Feed Back

Branch: Civil
Subject: ASA

Year: 2019-20

Sem: III

Faculty Name: S P Raju

S.No	Item	Feedback
1	Material presented	Excellent/Very Good/Good/Average/Below Average
2	Teaching Clarity	Excellent/Very Good/Good/Average/Below Average
3	Covering of important topics	Excellent/Very Good/Good/Average/Below Average
4	Doubts clarification	Excellent/Very Good/Good/Average/Below Average

Suggestions: Nil

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FINISHING SCHOOL

REMEDIAL CLASSES (Academic Support for Students) Student Feed Back

Branch: Civil Year: III - I (2019-20) Sem: III - I
Subject: ASA Faculty Name: S. P. Raju

S.No	Item	Feedback
1	Material presented	Excellent/Very Good/Good/Average/Below Average
2	Teaching Clarity	Excellent/Very Good/Good/Average/Below Average
3	Covering of important topics	Excellent/Very Good/Good/Average/Below Average
4	Doubts clarification	Excellent/Very Good/Good/Average/Below Average

Suggestions: Nil



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FINISHING SCHOOL

REMEDIAL CLASSES (Academic Support for Students) Student Feed Back

Branch: Civil Engineering Year: III (2019-20) Sem: III - I
Subject: ASA Faculty Name: SP RAVI

S.No	Item	Feedback
1	Material presented	Excellent/Very Good/Good/Average/Below Average
2	Teaching Clarity	Excellent/Very Good/Good/Average/Below Average
3	Covering of important topics	Excellent/Very Good/Good/Average/Below Average
4	Doubts clarification	Excellent/Very Good/Good/Average/Below Average

Suggestions: Nil



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY
FINISHING SCHOOL

REMEDIAL CLASSES (Academic Support for Students) Student Feed Back

Branch: Civil
Subject: DRCS

Year: 2019-20

Sem: III-I

Faculty Name: T. Shrinivas

S.No	Item	Feedback
1	Material presented	Excellent/Very Good/Good/Average/Below Average
2	Teaching Clarity	Excellent/Very Good/Good/Average/Below Average
3	Covering of important topics	Excellent/Very Good/Good/Average/Below Average
4	Doubts clarification	Excellent/Very Good/Good/Average/Below Average

Suggestions: NIL

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FINISHING SCHOOL

REMEDIAL CLASSES (Academic Support for Students) Student Feed Back

Branch: Civil Year: 2019-20 Sem: III
Subject: DRCS Faculty Name: T. Srinivas.

S.No	Item	Feedback
1	Material presented	Excellent/Very Good/Good/Average/Below Average
2	Teaching Clarity	Excellent/Very Good/Good/Average/Below Average
3	Covering of important topics	Excellent/Very Good/Good/Average/Below Average
4	Doubts clarification	Excellent/Very Good/Good/Average/Below Average

Suggestions: Nil

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FINISHING SCHOOL

REMEDIAL CLASSES (Academic Support for Students) Student Feed Back

Branch: Civil Year: 2019-20 Sem: III
Subject: DRCS Faculty Name: T. Srinivas

S.No	Item	Feedback
1	Material presented	Excellent/Very Good/Good/Average/Below Average
2	Teaching Clarity	Excellent/Very Good/Good/Average/Below Average
3	Covering of important topics	Excellent/Very Good/Good/Average/Below Average
4	Doubts clarification	Excellent/Very Good/Good/Average/Below Average

Suggestions: ml

RS



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY
FINISHING SCHOOL

REMEDIAL CLASSES (Academic Support for Students) Student Feed Back

Branch: Civil Engineering
Subject: DECS

Year: III (2019-20)
Faculty Name: DY. T. SRINIVAS

Sem: I

S.No	Item	Feedback
1	Material presented	Excellent/Very Good/Good/Average/Below Average
2	Teaching Clarity	Excellent/Very Good/Good/Average/Below Average
3	Covering of important topics	Excellent/Very Good/Good/Average/Below Average
4	Doubts clarification	Excellent/Very Good/Good/Average/Below Average

Suggestions: Nil

AS



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FINISHING SCHOOL

REMEDIAL CLASSES (Academic Support for Students) Student Feed Back

Branch: Civil Year: III (2019-20) Sem: I
Subject: DRCs Faculty Name: T. Srinivas

S.No	Item	Feedback
1	Material presented	Excellent/Very Good/Good/Average/Below Average
2	Teaching Clarity	Excellent/Very Good/Good/Average/Below Average
3	Covering of important topics	Excellent/Very Good/Good/Average/Below Average
4	Doubts clarification	Excellent/Very Good/Good/Average/Below Average

Suggestions: Nil Suggestion



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

REMEDIAL CLASSES 2019-20 AY

Faculty Report on Subject

I. STRENGTH OF MATERIALS 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.

II. Model papers of previous Academic years shared

III. Notes uploaded in Moodle

IV. Given Assignments

V. Tutorial classes are conducted for clarifying doubts

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REMEDIAL CLASSES 2019-20

Faculty Report on Subject

I. ADVANCED STRUCTURAL ANALYSIS

UNIT-1

Discussed about the concepts of Determinate structures and indeterminate structures, static and kinematic indeterminacies, problems on trusses, Castigliano's theorem applications.

UNIT-2

Problems on Slope Deflection and Moment Distribution Methods of analysis to simple portal frames without and with sway, Kaini's Method of analysis to continuous beams, Portal frames

UNIT-3

Approximate analysis of building frames: (PROBLEMS BY)

a) Substitute frame method b) Portal method c) Cantilever method

UNIT-4

Problems on flexibility and stiffness matrix methods for beams and frames.

UNIT-5

Problems on Shape factors , upper and lower bound theorems.

II . Shared Notes

III . Assignments given

V. Madhavi



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

REMEDIAL CLASSES 2019-20

Faculty Report on Subject

Faculty Name: Dr.T.Srinivas

Department: Civil Engg.

I. Design of Reinforced Concrete Structures

Unit1. Discussed the concepts of Limit state design, types of cross sections and difference between Limit State Design and Working Stress Method.

Unit 2 . Discussed an analysis and design of singly reinforced beams, doubly reinforced beams, T-Beams and L-Beams. Problems solved for shear and torsion of beams.

Unit 3. Explained the design procedure of one way slab, two way slab, continuous slab, Stairs and Canopy.

Unit4. Discussed the design of Short columns, Long columns and Footings.

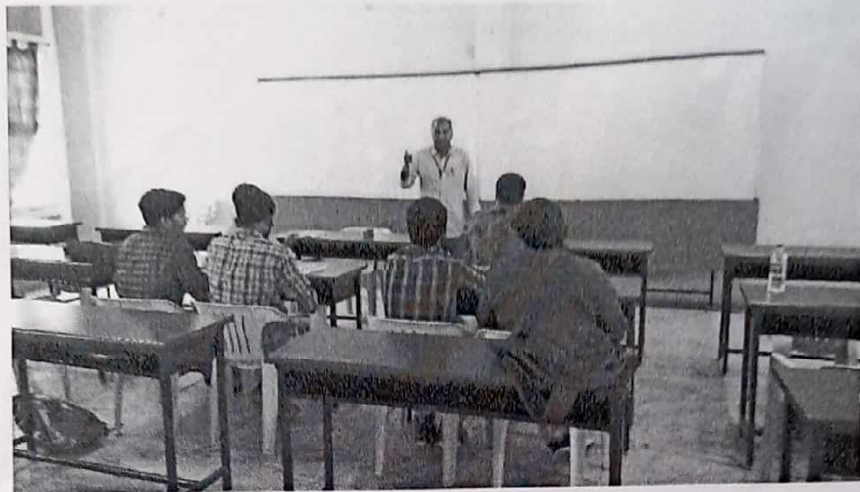
Unit5: Discussed Limit state design of serviceability.

II. Shared Model question papers

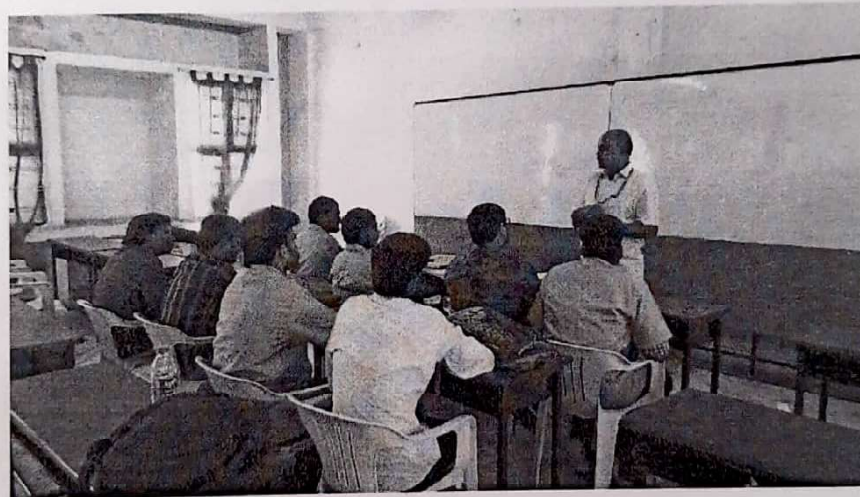
III. Shared Notes

IV. Assignments given

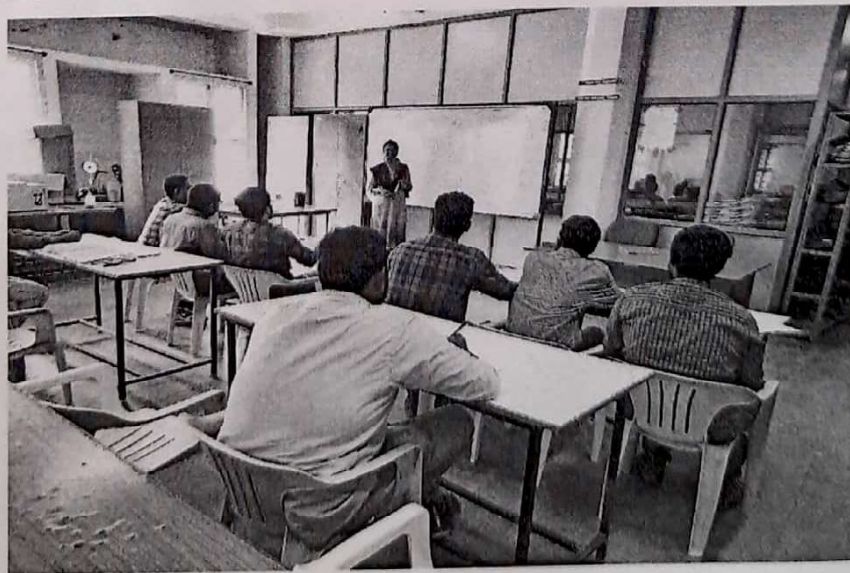
V. Srinivas



ASA



DRCS



SAT-1

V. Mallappa



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REMEDIAL CLASSES 2019-2020

Report on Remedial Classes

Remedial classes for B.Tech II and 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.	Solid Mechanics	24	20	83
2.	Design of Reinforced Concrete Structures	25	24	96
3.	Advanced Structural Analysis	27	27	100