

Remedial Classes 2021-22

DEPARTMENT OF MECHANICAL ENGINEERING





GRIET Remedial School

To support the weak students, RS has conducted remedial classes in four phases in the a.y 2021-22. This includes 2 phases of I – year subjects and 2 phases of core subjects. In this document, phase2 and phase 3 details are given.



Remedial Classes 2021-22

PHASE-II

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GRIET/PRIN/12A/G/21-22

05 Nov 2021

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY REMEDIAL CLASSES 2021-22

<u>CIRCULAR</u>

FINISHING SCHOOL

This is to inform you all that Remedial Classes will be held for academically weak students from 15th November 2021.

List of students and time tables are send to individual departments.

V NoRamatici

Dean Finishing School

5TH Nov 2021

From Dean, Finishing school GRIET.

To The HOD MECH GRIET

Request for faculty and Class rooms to conduct Remedial classes.

Sir/Madam,

This is to inform you that Finishing school of GRIET is conducting Remedial classes for B.Tech II year students to prevent failure of Sem-I tough subjects.

To conduct the classes we request you

- 1) Permit us to use 2 online classes from 3PM -4PM from 11th Nov 2021 to 18th Nov 2021
- 2) Nominate faculty to teach the following courses:

S.No	YEAR	Course title	No. of Students	Name of the faculty
1	II-I	Thermodynamics (GR20A2041)	24	Mr. B Ch Nookaraju

V Nohamati

Thanking you Yours Sincerely, (Dr V N Ramadevi)

Gokaraju Rangaraju Institute of Engineering and Technology Mechanical Engineering Remedial Classes -List of Students

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Thermodynamics

Sl.No	Roll.No	Subject Code	Subject Name
1	21245A0301	GR20A2041	Thermodynamics
2	20241A0325	GR20A2041	Thermodynamics
3	20241A0328	GR20A2041	Thermodynamics
4	20241A0327	GR20A2041	Thermodynamics
5	20241A0337	GR20A2041	Thermodynamics
6	20241A0318	GR20A2041	Thermodynamics
7	20241A0323	GR20A2041	Thermodynamics
8	20241A0330	GR20A2041	Thermodynamics
9	20241A0305	GR20A2041	Thermodynamics
10	20241A0348	GR20A2041	Thermodynamics
11	21245A0305	GR20A2041	Thermodynamics
12	20241A0336	GR20A2041	Thermodynamics
13	20241A0308	GR20A2041	Thermodynamics
14	20241A0313	GR20A2041	Thermodynamics
15	21245A0302	GR20A2041	Thermodynamics
16	20241A0331	GR20A2041	Thermodynamics
17	20241A0353	GR20A2041	Thermodynamics
18	20241A0345	GR20A2041	Thermodynamics
19	20241A0342	GR20A2041	Thermodynamics
20	21245A0307	GR20A2041	Thermodynamics
21	20241A0310	GR20A2041	Thermodynamics
22	20241A0339	GR20A2041	Thermodynamics
23	20241A0316	GR20A2041	Thermodynamics
24	20241A0303	GR20A2041	Thermodynamics

Syllabus

Subject: Thermodynamics (II-I)

UNIT I

Fundamentals: System & Control volume, Property, State & Process, Exact & Inexact differentials, Thermodynamic definition of work, examples, Displacement work, Path dependence of displacement work and illustrations for simple processes, electrical, magnetic, gravitational, spring and shaft work.

Temperature, Definition of thermal equilibrium and Zeroth law, Temperature scales, Various Thermometers- Definition of heat, examples of heat/work interaction in systems- First Law for Cyclic & Non-cyclic processes, Concept of total energy E, Demonstration that E is a property, Various modes of energy, Internal energy and Enthalpy.

UNIT II

First Law for Flow Processes-Derivation of general energy equation for a control volume; Steady state steady flow processes including throttling; Examples of steady flow devices; Unsteady processes; examples of steady and unsteady I law applications for system and control volume.

Second law-Definitions of direct and reverse heat engines; Definitions of thermal efficiency and COP; Kelvin-Planck and Clausius statements; Definition of reversible process; Internal and external irreversibility; Carnot cycle; Absolute temperature scale.

UNIT III

Clausius inequality, Definition of entropy S, Demonstration that entropy S is a property, Evaluation of S for solids, liquids, ideal gases and ideal gas mixtures undergoing various processes, Determination of s from steam tables-Principle of increase of entropy, Illustration of processes in T-s coordinates, Definition of Isentropic efficiency for compressors, turbines and nozzles-Irreversibility and Availability, Availability function for systems and Control volumes undergoing different processes, Second law analysis for a control volume, Exergy balance equation and Exergy analysis.

UNIT IV

Definition of Pure substance, Ideal Gases and ideal gas mixtures, Real gases and real gas mixtures, Compressibility charts- Properties of two phase systems-Const. temperature and Const. pressure heating of water, Definitions of saturated states, P-v-T surface, Use of steam tables and R134a tables, dryness fraction & measurement, Saturation tables, Superheated tables, Identification of states & determination of properties, Mollier's chart.

UNIT V

Thermodynamic cycles: Basic Rankine cycle, Basic Brayton cycle, Basic vapor compression cycle and comparison with Carnot cycle.

Faculty Report on Subject

(Topics Covered)

Subject: Thermodynamics (II-I)

Unit 1.

- Discussed System & Control volume, Property, State & Process, Exact & Inexact differentials, Thermodynamic
- definition of work, examples, Displacement work,
- Path dependence of displacement work
- and illustrations for simple processes, electrical, magnetic, gravitational, spring and shaft work.

Unit2.

- Explained the First Law for Flow Processes-
- Derivation of general energy equation for a control volume; Steady state steady flow processes including throttling;
- Examples of steady flow devices;
- Unsteady processes; examples of steady and unsteady I law applications for system and control volume.

Unit 3.

- Discussed Clausius inequality,
- Definition of entropy S,
- Demonstration that entropy S is a property,
- Evaluation of S for solids, liquids, ideal gases and ideal gas mixtures undergoing various processes.

Unit4.

- Explained Definition of Pure substance,
- Ideal Gases and ideal gas mixtures,
- Real gases and real gas mixtures,
- Compressibility charts- Properties of two phase systems-Const. temperature and Const.

Unit5. Discussed

Thermodynamic cycles: Basic Rankine cycle, Basic Brayton cycle, Basic vapor compression cycle and comparison with Carnot cycle.

Images of ONLINE classes taken Thermodynamics





GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY FINISHING SCHOOL

REMEDIAL CLASSES (Academic support for students) Student Feed Back

Branch:	MECH	Year:	II	Sem: I
Subject: There	modynamics	Faculty Nar	ne: Mr. BCH N	Jookaraju

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:

V NoRamaDei

Dean Finishing School

Gokaraju Rangaraju Institute of Engineering and Technology Mechanical Engineering Remedial Classes - Result analysis

Subject: Thermodynamics

AY 2021-22 II Sem-I

S.NO	Roll.N0	11-11-2021	15-11-2021	17-11-2021	18-11-2021	Result
1	21245A0301	Р	Р	Р	Р	Pass
2	20241A0325	Р	Р	Р	Р	Pass
3	20241A0328	Р	Р	Р	Р	Pass
4	20241A0327	А	А	А	Р	Pass
5	20241A0337	Р	Р	Р	Р	Pass
6	20241A0318	Р	Р	А	Р	Pass
7	20241A0323	Р	Р	Р	Р	Pass
8	20241A0330	А	Р	Р	Р	Pass
9	20241A0305	Р	А	Р	Р	Pass
10	20241A0348	Р	Р	Р	Р	Pass
11	21245A0305	Р	А	Р	Р	Pass
12	20241A0336	Р	Р	Р	Р	Pass
13	20241A0308	А	Р	Р	Р	Pass
14	20241A0313	Р	Р	Р	Р	Pass
15	21245A0302	Р	Р	Р	Р	Pass
16	20241A0331	Р	Р	Р	Р	Pass
17	20241A0353	Р	А	Р	Р	Pass
18	20241A0345	Р	Р	Р	Р	Pass
19	20241A0342	Р	Р	Р	Р	Pass
20	21245A0307	А	Р	Р	Р	Pass
21	20241A0310	Р	A	Р	Р	Pass
22	20241A0339	A	Р	A	A	FAIL
23	20241A0316	Р	A	Р	A	FAIL
24	20241A0303	A	A	Р	Р	FAIL



Remedial Classes PHASE-III

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GRIET/PRIN/12A/G/21-22

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20 Jan 2022

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY REMEDIAL CLASSES 2021-22

<u>CIRCULAR</u>

FINISHING SCHOOL

This is to inform you all that Remedial Classes will be held for academically weak students from 27 November 2022. List of students and time tables are send to individual departments.

V Nohamadei

Dean Finishing School

20th Jan 2022

From Dean, Finishing school GRIET.

To The HOD MECH GRIET

Request for faculty and Classrooms to conduct Remedial classes.

Sir/Madam,

This is to inform you that Finishing school of GRIET is conducting Remedial classes for B.Tech II year students to prevent failure of Sem-II tough subjects.

To conduct the classes we request you

- 3) Permit us to use 4 online classes from 3PM -4PM from 27th Jan 2022 to 2nd Feb 2022
- 4) Nominate faculty to teach the following courses:

S.No	YEAR	Course title	No. of Students	Name of the faculty
1	II-II	Thermal Engineering (GR20A2045)	24	Dr Karthykeyan
2	II-II	Fluid Mechanics and Fluid Machines (GR20A2046)	24	Mr Nookaraju BCH

V NoRamaDei

Thanking you Yours Sincerely, Dr V N Ramadevi



Gokaraju Rangaraju Institute of Engineering and Technology Remedial School A.y:2021-22, Phase III, Remedial Classes Schedule(online)

27th Jan 2022 to 2nd Feb 2022 II B.Tech II Sem

Sl	Subject	Name of the faculty	Year	Session 1	Session 2	Session 3	Session 4
1	Thermal Engineering	Dr Karthykeyan	II-II	27/1/2022 (3 pm to 4 pm)	31/1/2022 (3 pm to 4 pm)	1/2/2022 (3 pm to 4 pm)	2/2/2022 (3 pm to 4 pm)
2	Fluid mechanics and Fluid machines	Mr BCH Nookaraju	II-II	27/1/2022 (3 pm to 4 pm)	31/1/2022 (3 pm to 4 pm)	1/2/2022 (3 pm to 4 pm)	2/2/2022 (3 pm to 4 pm)





HOD-MECH

Dean, Finishing School

(Faculty Coordinator)

Gokaraju Rangaraju Institute of Engineering and TechnologyMechanical Engineering Remedial Classes -List of Students



SUBJECT: Thermal Engineering. AY 2021-22 Sem 2

Sl.No	Roll.No	Subject Code	Subject Name
1	20241A0314	GR20A2045	Thermal Engineering
2	20241A0305	GR20A2045	Thermal Engineering
3	21245A0302	GR20A2045	Thermal Engineering
4	20241A0313	GR20A2045	Thermal Engineering
5	20241A0318	GR20A2045	Thermal Engineering
6	20241A0356	GR20A2045	Thermal Engineering
7	20241A0328	GR20A2045	Thermal Engineering
8	20241A0345	GR20A2045	Thermal Engineering
9	20241A0308	GR20A2045	Thermal Engineering
10	21245A0305	GR20A2045	Thermal Engineering
11	20241A0331	GR20A2045	Thermal Engineering
12	20241A0349	GR20A2045	Thermal Engineering
13	20241A0323	GR20A2045	Thermal Engineering
14	20241A0353	GR20A2045	Thermal Engineering
15	20241A0336	GR20A2045	Thermal Engineering
16	20241A0330	GR20A2045	Thermal Engineering
17	20241A0319	GR20A2045	Thermal Engineering
18	20241A0346	GR20A2045	Thermal Engineering
19	21245A0307	GR20A2045	Thermal Engineering
20	20241A0306	GR20A2045	Thermal Engineering
21	20241A0310	GR20A2045	Thermal Engineering
22	20241A0316	GR20A2045	Thermal Engineering
23	20241A0334	GR20A2045	Thermal Engineering
24	20241A0342	GR20A2045	Thermal Engineering

Syllabus

Subject: Thermal Engineering (II-II)

UNIT I

I.C. Engines: Classification - Working principles of Four & Two stroke engine, SI & CI Engines, Valve and Port Timing Diagrams, Air – Standard air-fuel and actual cycles. Comparison of Air Standard and Actual Cycles, Time Loss Factor, Heat Loss Factor, Exhaust Blow down-Loss due to Gas exchange process.

Volumetric Efficiency. Loss due to Rubbing Friction, Actual and Fuel-Air Cycles of CI Engines.

Engine systems, cooling and lubrication systems, Fuel properties and Combustion Stoichiometry.

UNIT II

Combustion in S.I. Engines: Fuel system components, Carburetor, Fuel Injection System, Ignition systems, Normal Combustion and abnormal combustion, Importance of flame speed and effect of engine variables – Type of Abnormal combustion, pre-ignition and knocking. Fuel requirements and fuel rating, anti- knock additives, combustion chamber requirements, types.

Combustion in C.I. Engines: Four stages of combustion, Delay period and its importance, Effect of engine variables, Diesel Knock, need for air movement, suction, compression and combustion induced turbulence, open and divided combustion chambers and nozzles used, fuel requirements and fuel rating.

UNIT III

Testing and Performance: Parameters of performance, measurement of cylinder pressure, fuel consumption, air intake, exhaust gas composition.

Significance of Performance test: Determination of Brake power, frictional losses and indicated power, Air fuel ratio, thermal and Mechanical efficiencies

Heat balance sheet: Significance, losses due to exhaust gases, cooling systems and various ways, Chart of Heat balance

UNIT IV

Reciprocating and Rotary Compressors:

Compressors: Classification-positive displacement and roto dynamic machinery-Power producing and power absorbing machines, fan, blower and compressor-positive displacement and dynamic types-reciprocating and rotary types.

Reciprocating: Principle of operation, work required, Isothermal efficiency volumetric efficiency and effect of clearance, stage compression, under cooling, saving of work, minimum work condition for stage compression.

Rotary (Positive displacement type): Roots Blower, vane sealed compressor, Lysholm Compressor, mechanical details and principle of working and efficiency considerations. UNIT – V

Dynamic and Axial Flow Compressors Dynamic Compressors:

Centrifugal compressors: Mechanical details and principle of operation, velocity and pressure variation, Energy transfer-impeller blade shape-losses, slip factor, power input factor, pressure coefficient and adiabatic coefficient, velocity diagrams, power.

Axial Flow Compressors: Mechanical details and principle of operation, velocity triangles and energy transfer per stage degree of reaction, work done factor, isentropic efficiency, Pressure rise calculations –Polytropic efficiency.

Faculty Report on Subject

(Topics Covered)

Subject: Thermal Engineering (II-II)

Unit 1.

Discussed I.C. Engines:

- Classification Working principles of Four & Two stroke engine,
- SI & CI Engines,
- Valve and Port Timing Diagrams, Air

Unit2. Explained Combustion in S.I. Engines:

- Fuel system components, Carburetor,
- Fuel Injection System, Ignition systems,
- Normal Combustion and abnormal combustion,

Unit 3.

- Discussed Testing and Performance:
- Parameters of performance,
- measurement of cylinder pressure, fuel consumption, air intake, exhaust gas composition.

Unit4.

- Explained Reciprocating and Rotary Compressors:
- Compressors: Classification-positive displacement and roto dynamic machinery-Power producing and power absorbing machines,
- fan, blower and compressor-positive displacement and dynamic typesreciprocating and rotary types.

Unit5.

- Discussed dynamic and Axial Flow Compressors Dynamic Compressors:
- Centrifugal compressors:
- ✓ Mechanical details and principle of operation, velocity and

pressure variation, Energy transfer-impeller blade shape-losses,

✓ slip factor, power input factor, pressure coefficient and adiabatic coefficient, velocity diagrams, power.



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

FINISHING SCHOOL

REMEDIAL CLASSES (Academic support for students) Student Feed Back

Branch: MECH

Year: II Sem: II

Subject: Thermal Engineering Faculty Name: Dr Karthykeyan R

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:

V NoRamaDei

Dean Finishing School



Gokaraju Rangaraju

Institute of Engineering and TechnologyMechanical Engineering Remedial Classes -Result analysis



Subject: Thermal Engineering AY 2021-22 II Sem-II

	Dell NO	27/1/2022	31/1/2022	1/2/2022	2/2/2022	Decult
S.NO	KOII.NU	(3 pm to 4 pm)	Result			
1	20241A0314	Р	Р	Р	Р	Pass
2	20241A0305	Р	Р	Р	Р	Pass
3	21245A0302	Р	Р	Р	Р	Pass
4	20241A0313	А	А	А	Р	Pass
5	20241A0318	Р	Р	Р	Р	Pass
6	20241A0356	Р	Р	А	Р	Pass
7	20241A0328	Р	Р	Р	Р	Pass
8	20241A0345	А	Р	Р	Р	Pass
9	20241A0308	Р	А	Р	Р	Pass
10	21245A0305	Р	Р	Р	Р	Pass
11	20241A0331	Р	А	Р	Р	Pass
12	20241A0349	Р	Р	Р	Р	Pass
13	20241A0323	Α	Р	Р	Р	Pass
14	20241A0353	Р	Р	Р	Р	Pass
15	20241A0336	Р	Р	Р	Р	Pass
16	20241A0330	Р	Р	Р	Р	Pass
17	20241A0319	Р	А	Р	Р	Pass
18	20241A0346	Р	Р	Р	Р	Pass
19	21245A0307	Р	Р	Р	Р	Pass
20	20241A0306	Α	Р	Р	Р	Pass
21	20241A0310	Р	A	Р	Р	FAIL
22	20241A0316	Α	Р	A	A	FAIL
23	20241A0334	Р	A	Р	A	FAIL
24	20241A0342	A	A	Р	Р	FAIL

Gokaraju Rangaraju

Institute of Engineering and TechnologyMechanical Engineering Remedial Classes -List of Students



SUBJECT: Fluid mechanics and fluid machines. AY 2021-22 Sem 2

Sl.No	Roll.No	Subject Code	Subject Name
1	20241A0343	GR20A2046	Fluid mechanics and fluid machines
2	20241A0312	GR20A2046	Fluid mechanics and fluid machines
3	20241A0354	GR20A2046	Fluid mechanics and fluid machines
4	20241A0307	GR20A2046	Fluid mechanics and fluid machines
5	20241A0325	GR20A2046	Fluid mechanics and fluid machines
6	20241A0305	GR20A2046	Fluid mechanics and fluid machines
7	21245A0302	GR20A2046	Fluid mechanics and fluid machines
8	20241A0313	GR20A2046	Fluid mechanics and fluid machines
9	20241A0318	GR20A2046	Fluid mechanics and fluid machines
10	20241A0317	GR20A2046	Fluid mechanics and fluid machines
11	20241A0356	GR20A2046	Fluid mechanics and fluid machines
12	20241A0328	GR20A2046	Fluid mechanics and fluid machines
13	20241A0345	GR20A2046	Fluid mechanics and fluid machines
14	20241A0308	GR20A2046	Fluid mechanics and fluid machines
15	21245A0305	GR20A2046	Fluid mechanics and fluid machines
16	20241A0333	GR20A2046	Fluid mechanics and fluid machines
17	20241A0331	GR20A2046	Fluid mechanics and fluid machines
18	20241A0337	GR20A2046	Fluid mechanics and fluid machines
19	20241A0335	GR20A2046	Fluid mechanics and fluid machines
20	20241A0349	GR20A2046	Fluid mechanics and fluid machines
21	20241A0323	GR20A2046	Fluid mechanics and fluid machines
22	20241A0353	GR20A2046	Fluid mechanics and fluid machines
23	20241A0336	GR20A2046	Fluid mechanics and fluid machines
24	20241A0330	GR20A2046	Fluid mechanics and fluid machines
25	20241A0310	GR20A2046	Fluid mechanics and fluid machines
26	20241A0319	GR20A2046	Fluid mechanics and fluid machines
27	20241A0316	GR20A2046	Fluid mechanics and fluid machines
28	20241A0346	GR20A2046	Fluid mechanics and fluid machines
29	20241A0334	GR20A2046	Fluid mechanics and fluid machines
30	20241A0342	GR20A2046	Fluid mechanics and fluid machines
31	21245A0307	GR20A2046	Fluid mechanics and fluid machines
32	20241A0322	GR20A2046	Fluid mechanics and fluid machines
33	20241A0348	GR20A2046	Fluid mechanics and fluid machines
34	20241A0303	GR20A2046	Fluid mechanics and fluid machines

Syllabus

Subject: Fluid mechanics and fluid machines (II-II)

UNIT I Definition of fluid, Newton's law of viscosity, Units and dimensions- Properties of fluids, mass density, specific volume, specific gravity, viscosity, compressibility and surface tension, Control volume- application of continuity equation and momentum equation, Incompressible flow, Bernoulli's equation and its applications.

UNIT II Exact flow solutions in channels and ducts, Couette and Poiseuille flow, laminar flow through circular conduits and circular annuli-concept of boundary layer– measures of boundary layer thickness–Darcy Weisbach equation, friction factor, Moody's diagram.

UNIT III Need for dimensional analysis-methods of dimension analysis-Similitude-types of similitude Dimensionless parameters-application of dimensionless parameters-Model analysis.

UNIT IV Euler's equation-theory of roto dynamic machines-various efficiencies-velocity components at entry and exit of the rotor, velocity triangles-Centrifugal pumps, working principle, work done by the impeller, performance curves-Cavitation in pumps-Reciprocating pump-working principle.

UNIT V Classification of water turbines, heads and efficiencies, velocity triangles-Axial, radial and mixed flow turbines- Pelton wheel, Francis turbine and Kaplan turbines, working principles- draft tube-Specific speed, unit quantities, performance curves for turbines-governing of turbines.

Faculty Report on Subject

(Topics Covered)

Subject: Fluid mechanics and fluid machines (II-II)

Unit 1.

- ✓ Discussed Definition of fluid, Newton's law of viscosity,
- ✓ Units and dimensions- Properties of fluids, mass density, specific volume,
- ✓ specific gravity, viscosity, compressibility and surface tension,

Unit2.

- ✓ Explained Exact flow solutions in channels and ducts,
- ✓ Couette and Poiseuille flow, laminar flow through circular conduits

Unit 3.

- Discussed Need for dimensional analysis-methods of dimension analysis-
- Similitude-types of similitude Dimensionless parameters

Unit4.

- Explained Euler's equation-theory of roto dynamic machines-various efficienciesvelocity components at entry and exit of the rotor,
- velocity triangles–Centrifugal pumps, working principle,

Unit5.

- Discussed Classification of water turbines, heads and efficiencies, velocity triangles-Axial, radial and mixed flow turbines-
- > Pelton wheel, Francis turbine and Kaplan turbines, working principles

Images of ONLINE classes taken Fluid mechanics and fluid machines





GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

FINISHING SCHOOL

REMEDIAL CLASSES (Academic support for students) Student Feed Back

Branch: MECH Year: II Sem: II Subject: Fluid Mechanics and Fluid Machines

Faculty Name: Mr. BCH NOOKARAJU

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:

V Nohamadi

Dean Finishing School

Gokaraju Rangaraju Institute of Engineering and TechnologyMechanical Engineering



Remedial Classes -Result analysis

Subject: Fluid mechanics and Fluid machines

AY 2021-22 II Sem-II

	Dell NO	27/1/2022	31/1/2022	1/2/2022	2/2/2022	Pocult	
S.NO	ROII.NU	(3 pm to 4 pm)	Result				
1	20241A0343	Р	Р	Р	Р	Pass	
2	20241A0312	Р	Р	Р	Р	Pass	
3	20241A0354	Р	Р	Р	Р	Pass	
4	20241A0307	А	А	А	Р	Pass	
5	20241A0325	Р	Р	Р	Р	Pass	
6	20241A0305	Р	Р	Α	Р	Pass	
7	21245A0302	Р	Р	Р	Р	Pass	
8	20241A0313	А	Р	Р	Р	Pass	
9	20241A0318	Р	Α	Р	Р	Pass	
10	20241A0317	Р	Р	Р	Р	Pass	
11	20241A0356	Р	Α	Р	Р	Pass	
12	20241A0328	Р	Р	Р	Р	Pass	
13	20241A0345	Α	Р	Р	Р	Pass	
14	20241A0308	Р	Р	Р	Р	Pass	
15	21245A0305	Р	Р	Р	Р	Pass	
16	20241A0333	Р	Р	Р	Р	Pass	
17	20241A0331	Р	Α	Р	Р	Pass	
18	20241A0337	Р	Р	Р	Р	Pass	
19	20241A0335	Р	Р	Р	Р	Pass	
20	20241A0349	А	Р	Р	Р	Pass	
21	20241A0323	Р	Α	Р	Р	Pass	
22	20241A0353	Α	Р	Α	А	Pass	
23	20241A0336	Р	А	Р	Α	Pass	
24	20241A0330	Α	Α	Р	Р	Pass	
25	20241A0310	Р	Α	Р	Р	Pass	
26	20241A0319	Р	Р	Р	Р	Pass	
27	20241A0316	Р	Р	Р	Р	Pass	
28	20241A0346	А	Р	Р	Р	Pass	
29	20241A0334	Р	А	Р	Р	Pass	
30	20241A0342	А	Р	А	А	FAIL	
31	21245A0307	Р	А	Р	А	FAIL	
32	20241A0322	А	А	Р	Р	FAIL	
33	20241A0348	Р	Α	Р	Р	FAIL	
34	20241A0303	Р	А	Р	А	FAIL	

Report on Remedial Classes

This is to inform you that Finishing school of GRIET is conducting Remedial classes for AY 21-22, B.Tech II & III year, I & II semester students to prevent them from failure.

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 for Final year and Marched out batches in three different schedules. Students were informed through SMS. Students shown lot of interest . Faculty gave tips as well as material for the students. 80-90% of the students who have attended got benefit and they passed in the exams.
- 2. The classes are aimed to help the students having a maximum of threebacklogs so that they will get the degree as per their academic calendar. Students preferred material and few tips as they were busy in Projects. For some subjects they came and attentive.
- 3. The sessions for II & I sem students are to prevent failure rate and thereby increasing transition rate. The subjects are selected based on I-semester results. To increase attendance for the classes a brief motivation lecture is organized with the key note address by HOD.

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

S.No	Course	No.of students attended	No.of students passed	Transition rate
1	Thermodynamics	24	21	87.5%
2.	Thermal Engineering	24	20	83.3%
3	Fluid mechanics and fluid machines	34	29	85.2%