Remedial Classes 2022-23

Department of

Electronics and Communications Engineering

GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Autonomous)

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GRIET/PRIN/12A/G/20-21 9th August 2023

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

REMEDIAL CLASSES 2023-24

CIRCULAR

FINISHING SCHOOL

This is to inform you all that Remedial Classes will be held for academically weak students from 12th June 2023.

Dean Finishing School

From Dean,
Finishing school GRIET.

9th August 2023

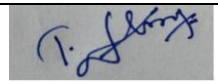
To
The HOD ECE GRIET

Sub: 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 to Selective students of B.Tech II year students who are slow learners. This would help in improving their performance in the mid exams of 1st Semester .To conduct the classes in offline mode. We Request you to Nominate faculty to teach the following courses.

Remedial Classes Schedule for II Year-I Semester, 2023-2024.

S.No	Year	Course title	No.of Students	Name of the faculty	Signature
1	II	(GR20A2054) Signals and Systems	24	T.Santosh Kumar	
2	II	(GR20A2055) Probabiltiy Theory and Stochastic Processes (PTSP)	14	Dr.V.Hima Bindu	

Thanking you
Yours Sincerely,
Dr V N Ramadevi

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,AIML,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 Rama Devi

Dean, Finishing School

List of students failed in Signals and Systems					
S.NO	Roll Number	Year Sem	Subject Code	Subject name	Status
1	21241A04H9	210	GR20A2054	Signals and Systems	F
2	21241A0432	210	GR20A2054	Signals and Systems	P
3	21241A0461	210	GR20A2054	Signals and Systems	P
4	21241A04F7	210	GR20A2054	Signals and Systems	P
5	21241A0467	210	GR20A2054	Signals and Systems	P
6	21241A0416	210	GR20A2054	Signals and Systems	P
7	21241A0477	210	GR20A2054	Signals and Systems	P
8	21241A0466	210	GR20A2054	Signals and Systems	P
8	21241A0487	210	GR20A2054	Signals and Systems	P
10	21241A0439	210	GR20A2054	Signals and Systems	P
11	21241A0486	210	GR20A2054	Signals and Systems	P
12	21241A0436	210	GR20A2054	Signals and Systems	P
13	21241A04H4	210	GR20A2054	Signals and Systems	P
14	21241A0490	210	GR20A2054	Signals and Systems	P
15	21241A04K2	210	GR20A2054	Signals and Systems	P
16	21241A0445	210	GR20A2054	Signals and Systems	P
17	21241A0457	210	GR20A2054	Signals and Systems	P
18	21241A0459	210	GR20A2054	Signals and Systems	P
19	21241A04G0	210	GR20A2054	Signals and Systems	P
20	21241A04D9	210	GR20A2054	Signals and Systems	P
21	21241A04B7	210	GR20A2054	Signals and Systems	P
22	21241A04C9	210	GR20A2054	Signals and Systems	F
23	21241A0489	210	GR20A2054	Signals and Systems	F
24	21241A04J2	210	GR20A2054	Signals and Systems	F

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

II Year-I Semester, 2022-2023 Subject: Signals and Systems

#	Roll Number	12/07/23	13/07/23	14/07/23	15/07/23
1	21241A04H9	A	A	P	P
2	21241A0432	P	P	A	A
3	21241A0461	P	P	P	P
4	21241A04F7	P	P	P	P
5	21241A0467	P	P	A	P
6	21241A0416	P	P	P	P
7	21241A0477	P	P	P	P
8	21241A0466	A	P	P	P
9	21241A0487	P	P	P	P
10	21241A0439	A	P	P	P
11	21241A0486	P	P	P	A
12	21241A0436	P	A	A	A
13	21241A04H4	P	P	P	P
14	21241A0490	P	A	A	A
15	21241A04K2	P	P	P	P
16	21241A0445	P	P	P	P
17	21241A0457	P	P	P	P
18	21241A0459	P	P	P	P
19	21241A04G0	P	P	P	A
20	21241A04D9	P	P	P	P
21	21241A04B7	P	A	A	A
22	21241A04C9	P	P	P	P
23	21241A0489	P	P	P	P
24	21241A04J2	P	P	P	P

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

FINISHING SCHOOL

REMEDIAL CLASSES (Academic support for students) Student Feed Back

Branch: ECE Year:II Sem: I

Subject: SS Faculty Name: Mr. T.Santosh Kumar

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:

Dean Finishing School

Faculty Report on Subject

Subject: Signals and Systems

Unit1. Introduction to Continuous-time Signals and Fourier series Unit2. Fourier Transform, and Laplace Transform

Unit3. Signal Transmission through Linear Systems Continuous-Linear Time-Invariant systems

Unit4. Discrete Time signal characteristics

Unit5. Sampling

II. Previous question papers

III. Notes or PPTs

Periodic & Non-periodic Signals

- Periodic signals have the property that x(t + T) = x(t) for all t.
- The smallest value of T that satisfies the definition is called the period.
- Shown below are an non-periodic signal (left) and a periodic signal (right).

Even &Odd Signals

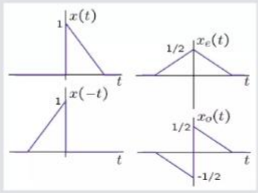
- Even signals xe(t) and odd signals xo(t) are defined as

$$x_e(t) = x_e(-t) \text{ and } x_o(t) = -x_o(-t).$$

- Any signal is a sum of unique odd and even signals. Using

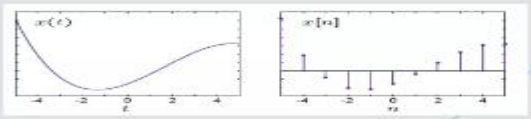
$x(t) = x_e(t)+x_o(t)$ and $x(-t) = x_e(t) - x_o(t)$, yields

$x_e(t) = 0.5(x(t)+x(-t))$ and $x_o(t) = 0.5(x(t) - x(-t))$.



Continuous time (CT) & discrete time (DT) signals:

- CT signals take on real or complex values as a function of an independent variable that ranges over the real numbers and are denoted as x(t).
- DT signals take on real or complex values as a function of an independent variable that ranges over the integers and are denoted as x[n].
- Note the subtle use of parentheses and square brackets to distinguish between CT and DT signals.



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

II Year-I Semester, 2022-2023
Subject: Probabiltiy Theory and Stochastic Processes (PTSP)

List of students failed in PTSP					
S.No	Roll No	Semester	Course Code	Course Name	Status
1	22245A0416	210	GR20A2055	PTSP	P
2	21241A04H7	210	GR20A2055	PTSP	P
3	21241A0478	210	GR20A2055	PTSP	P
4	21241A0419	210	GR20A2055	PTSP	P
5	21241A0486	210	GR20A2055	PTSP	P
6	21241A04K2	210	GR20A2055	PTSP	P
7	21241A0404	210	GR20A2055	PTSP	P
8	21241A0457	210	GR20A2055	PTSP	P
9	21241A0459	210	GR20A2055	PTSP	P
10	21241A04G0	210	GR20A2055	PTSP	P
11	21241A04D9	210	GR20A2055	PTSP	P
12	21241A04C9	210	GR20A2055	PTSP	P
13	21241A0489	210	GR20A2055	PTSP	F
14	22245A04J2	210	GR20A2055	PTSP	F

Attendance, PTSP Remedial Classwork, 2022-23					
S.No	**Roll No**	**18-Jul**	**19-Jul**	**20-Jul**	**21-Jul**
1	22245A0416	P	P	P	P
2	21241A04H7	P	P	P	P
3	21241A0478	P	P	P	P
4	21241A0419	A	P	P	A
5	21241A0486	A	P	P	P
6	21241A04K2	P	P	P	P
7	21241A0404	P	P	P	P
8	21241A0457	P	P	P	P
9	21241A0459	P	P	P	P
10	21241A04G0	P	P	P	P
11	21241A04D9	A	P	P	P
12	21241A04C9	P	P	P	P
13	21241A0489	P	P	P	A
14	22245A04J2	P	P	P	P

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

FINISHING SCHOOL

REMEDIAL CLASSES (Academic support for students) Student Feed Back

Branch: ECE Year:II Sem: I

Subject: PTSP Faculty Name: Dr V Hima Bindu

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
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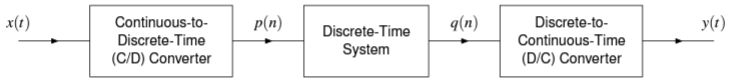
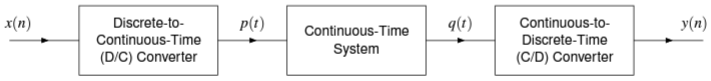
Suggestions:

V N Ramadevi

Dean Finishing School



Processing a Continuous-Time Signal With a Discrete-Time System



Processing a Discrete-Time Signal With a Continuous-Time System

Faculty Report on Subject

Subject: Probabiltiy Theory and Stochastic Processes (PTSP)

Unit1. Introduction to the modelling concepts of Probability, Random Variable, Probability Density and Distribution functions. Special Distributions. Previous QPs solved.

Unit2. Understanding Single Random Variable and Moments, Characteristic Function. Previous QPs solved.

Unit3. Understanding Single Random Variable and Moments, Characteristic Function. Tranformation concepts of a RVs for Discrete and Continuous Variables. Previous QPs solved.

Unit4. Analysing the temporal characteristics of Joint and Multiple RV's using Correlation and Covariance principles. Previous QPs solved.

Unit5. Analysing the Spectral characteristics of Joint and Multiple RV's using Power Spectral Density concepts. Understanding of Noise and analysis. Previous QPs solved.

II. Previous question papers

III. Notes or PPTs

Material Posted to students:

https://classroom.google.com/c/NTcwMzU0NTYzMTQ5/m/NTA4MjI5NjE3NDUz/details
https://classroom.google.com/c/NTcwMzU0NTYzMTQ5/m/NTA4MjI3NzgxMjQ4/details
https://classroom.google.com/w/NTcwMzU0NTYzMTQ5/tc/NTM5Nzg2NzQwNjE5
https://classroom.google.com/w/NTcwMzU0NTYzMTQ5/tc/NTcyNTk0MTI2ODcx

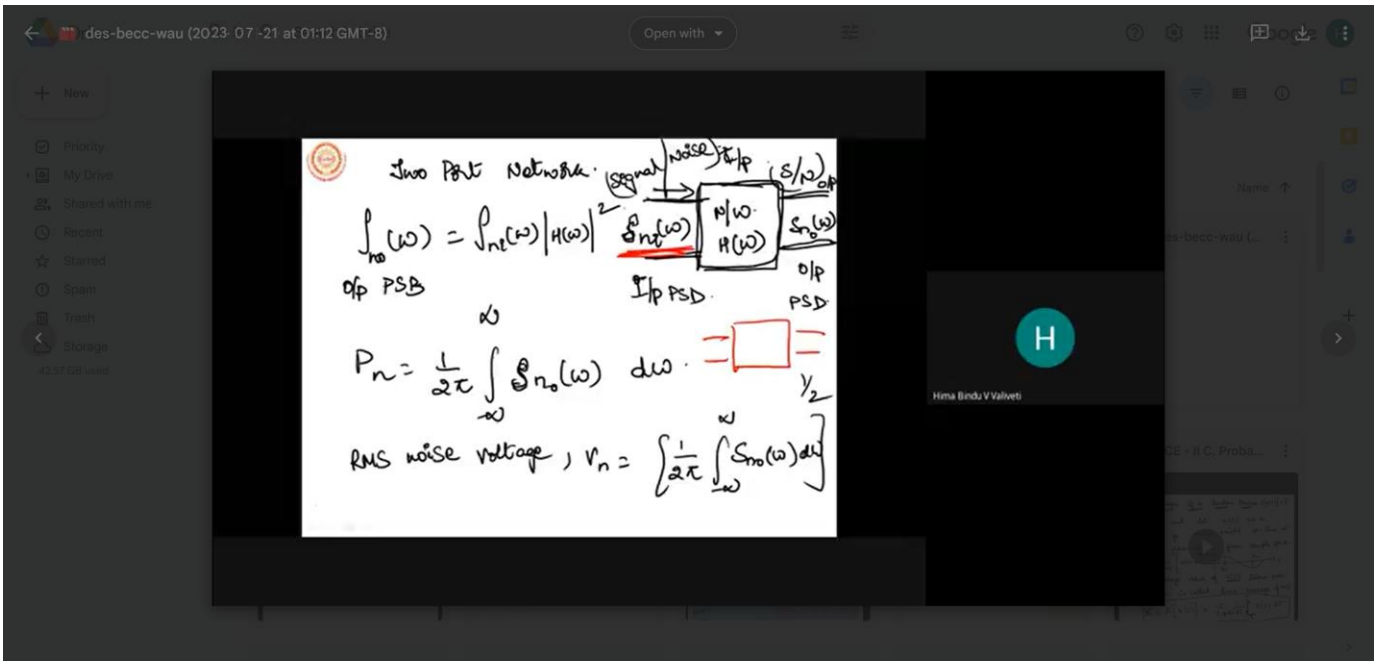


Fig: Screenshot of Online class for students

Report on Remedial Classes

This is to inform you that Finishing school of GRIET is conducting Remedial classes for B.Tech IIyear,III year,IV year students to clear their backlogs.

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 three backlogs 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 & III-year 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.	SS	24	20	83.33
2.	PTSP	14	12	85.14