DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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NH--16, Anakapalle, Visakhapatnam-531002, Andhra Pradesh

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech

CLASS : IV B.Tech I-Sem., ECE

ACADEMIC YEAR : 2020-2021

COURSE NAME &CODE :Radar Systems

COURSE INSTRUCTOR :D.L.Mythri

Date of Remedial Class : **30-09-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 30/9/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1.Draw the block diagram and explain the working of MTI radar.

2. What is blind speed? How can it be overcome practically in a radar system

3. What is a delay line canceller? Explain the same with a neat block diagram

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1	17U41A0408	C. SRITHA RAMALAKSHMI	Present
2	17U41A0425	KATTAMURI BHARATH KUMAR	Present
3	17U41A0431	MADDIMSETTY SAIKRISHNA	Present
4	17U41A0436	MURUKURI ANJUK	ABSENT
5	17U41A0442	PAKKURTI JANARDHANRAO	Present
6	17U41A0445	PALLA JANARDHAN	Present
7	17U41A0452	SIDDA BHAVANI	Absent
8	17U41A0458	TEPPALA RAJASEKHAR	Present

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME &CODE :Radar Systems
COURSE INSTRUCTOR :D.L.Mythri
Date of Remedial Class : **06-10-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 6/10/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. How the target can track with phase comparision Method? Explain?
2. What is the need of AGC circuit in tracking radar systems? Explain the working principle of AGC circuit?
3. Write short notes on
   i) Teff of N-Cascade systemii) Fn of N-Cascade systemiii) Phased array Antennas

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1	17U41A0408	C. SUTTIA RAMALAKSHMI	Present
2	17U41A0425	KATTAMURI BHARATH KUMAR	Present
3	17U41A0431	MADDIMSETTY SAI KRISHNA	Present
4	17U41A0436	MURUKURTI ADITYA	Absent
5	17U41A0442	PAKKURTI JANARDHANRAO	Present
6	17U41A0445	PALLA JANARDHAN	Present
7	17U41A0452	SIDDA BHAVANI	Absent
8	17U41A0458	TEPPALA RAJASEKHAR	Present

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME & CODE :Radar Systems
COURSE INSTRUCTOR :D.L.Mythri
Date of Remedial Class : **18-08-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 18/8/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Explain the need for isolation between transmitter and receiver in a CW radar.

2. A CW radar operating at 5 cm wavelength and target radial velocity is 200Knots, Calculate the doppler frequency of the radar

3. Explain the need of modulation in CW Radar for detecting Moving targets?

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1	17U41A0408	C. SRITHA RAMALAKSHMI	Present
2	17U41A0425	KATTAMURI BHARATH KUMAR	Present
3	17U41A0431	MADDIMSETTY SAI KRISHNA	Present
4	17U41A0436	MURUKURTI ASHOK	Absent
5	17U41A0442	PAKKURTI JANARDHANRAO	Present
6	17U41A0445	PALLA JANARDHAN	Present
7	17U41A0452	SUDA BHAVANI	Absent
8	17U41A0459	TEPPALA RAJASEKHAR	Present

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME &CODE :Radar Systems
COURSE INSTRUCTOR :D.L.Mythri
Date of Remedial Class : **16-09-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 16/9/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Explain the butterfly effect in MTI radar?
2. Explain about limitations to MTI performance
3. Explain the working principle of FM-CW altimeter

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1	17U41A0408	C. SRITHA RAMALAKSHMI	Present
2	17U41A0425	KATTAMURI BHARATH KUMAR	Present
3	17U41A0431	MADDIMSETTY SAI KRISHNA	Present
4	17U41A0436	MURUKURTI ASHOK	Absent
5	17U41A0442	PAKKURTI JANARDHANRAO	Present
6	17U41A0445	PALLA JANARDHAN	Present
7	17U41A0453	SIDDA DIVYANI	Absent
8	17U41A0458	TEPPALA RAJASEKHAR	Present

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :Radar Systems
COURSE INSTRUCTOR :D.L.Mythri
Date of Remedial Class : 04-08-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 04/8/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1.Define radar wave forms, maximum unambiguous range and resolution?

2 Mention the applications of Radar?

3. Explain in detail, the working principle of range –gated Doppler filter?

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1	17U41A0408	C. SRITHA RAMALAKSHMI	Present
2	17U41A0425	KATTAMURI BHARATH KUMAR	Present
3	17U41A0431	MADDIMSETTY SAI KRISHNA	Present
4	17U41A0434	MURUKURTI ASHOK	Absent
5	17U41A0442	PAKKURTI JANARDHANRAO	Present
6	17U41A0445	PALLA JANARDHAN	Present
7	17U41A0452	SIDDA BHAVANI	Absent
8	17U41A0458	TEPPALA RAJASEKHAR	Present

Course Instructor

HOD

Head of the Department
Electronics & Communication Engg.
Dadi Institute of Engg. & Tech.
Anakapalle - 531 002

List of Beneficiaries

S.No	Roll Number	Name of the Student	STATUS
1	17U41A0408	C. SRITHA RAMALAKSHMI	PASS
2	17U41A0425	KATTAMURI BHARATH KUMAR	PASS
3	17U41A0442	PAKKURTI JANARDHANRAO	PASS
4	17U41A0445	PALLA JANARDHAN	PASS
5	17U41A0452	SIDDA BHAVANI	PASS

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information(3)

PROGRAM : B.Tech
CLASS : IV B.Tech I Sem., ECE
ACADEMIC YEAR : 2020-21
COURSE NAME & CODE : Digital Image Processing (R16)
COURSE INSTRUCTOR : Mr M KISHORE KUMAR
Date of Remedial Class: 16-09-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 16.09.21 for the students who have got less than 50% Marks in First Mid Examinatron.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Briefly explain about: (i) Diode switching and (ii) Transistor switching times
2. With the help of a neat circuit diagram, explain the working of fixed-bias binary?
3. Describe what is clamping operation? State and prove the clamping circuit theorem?

List of students for the Remedial Class

S.NO	Register No:	Student Name	Attendance
1	17U41A0408	C. SRITHA RAMALAKSHMI	Yes
2	17U41A0436	MURUKURTI ASHOK	No
3	17U41A0438	KADAVALA MADHURI	Yes
4	17U41A0445	PALLA JANARDHAN	Yes
5	17U41A0452	SIDDA BHAVANI	Yes
6	17U41A0453	SIRIGIRISETTI NAGAMANI	Yes
7	17U41A0455	SIRISOLLA SAIRAM	No
8	17U41A0471	CH. CHETAN SATYA	Yes
9	18U45A0425	PEELA UDAY KUMAR	Yes

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PROGRAM : B.Tech
CLASS : IV B.Tech I Sem., ECE
ACADEMIC YEAR : 2020-21
COURSE NAME & CODE : Digital Image Processing (R16)
COURSE INSTRUCTOR : Mr M KISHORE KUMAR
Date of Remedial Class: 18-08-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 18-08-21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. What is meant by histogram specification? Explain
2. Explain image smoothing using ideal lowpass filters and Butterworth low pass filters
3. Explain the following operations:
   i) Contrast stretching ii) Bit-plane slicing

List of students for the Remedial Class

S.NO	Register No:	Student Name	Attendance
1	17U41A0408	C. SRITHA RAMALAKSHMI	Yes
2	17U41A0436	MURUKURTI ASHOK	Yes
3	17U41A0438	KADAVALA MADHURI	Yes
4	17U41A0445	PALLA JANARDHAN	Yes
5	17U41A0452	SIDDA BHAVANI	No
6	17U41A0453	SIRIGIRISETTI NAGAMANI	Yes
7	17U41A0455	SIRISOLLA SAIRAM	Yes
8	17U41A0471	CH. CHETAN SATYA	Yes
9	18U45A0425	PEELA UDAY KUMAR	Yes

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information(S)

PROGRAM : B.Tech
CLASS : IV B.Tech I Sem., ECE
ACADEMIC YEAR : 2020-21
COURSE NAME & CODE : Digital Image Processing (R16)
COURSE INSTRUCTOR : Mr M KISHORE KUMAR
Date of Remedial Class: 06-10-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 6-10-21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed

1. Explain two-band subband coding and decoding system
2. Draw the functional block diagram of image compression system and explain the purpose of each block
3. Discuss about wavelet transform in two dimensions

List of students for the Remedial Class

S.NO	Register No:	Student Name	Attendance
1	17U41A0408	C. SRITHA RAMALAKSHMI	Yes
2	17U41A0436	MURUKURTI ASHOK	No
3	17U41A0438	KADAVALA MADHURI	Yes
4	17U41A0445	PALLA JANARDHAN	Yes
5	17U41A0452	SIDDA BHAVANI	Yes
6	17U41A0453	SIRIGIRISETTI NAGAMANI	Yes
7	17U41A0455	SIRISOLLA SAIRAM	Yes
8	17U41A0471	CH. CHETAN SATYA	No
9	18U45A0425	PEELA UDAY KUMAR	Yes

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes Information(4)

PROGRAM : B.Tech
CLASS : IV B.Tech I Sem., ECE
ACADEMIC YEAR : 2020-21
COURSE NAME & CODE : Digital Image Processing (R16)
COURSE INSTRUCTOR : Mr M KISHORE KUMAR
Date of Remedial Class: 30-09-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 30-09-21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed

1. Explain about color image smoothing.
2. Explain about RGB color model?
3. Explain the procedure of converting colors from RGB to HSI

List of students for the Remedial Class

S.NO	Register No:	Student Name	Attendance
1	17U41A0408	C. SRITHA RAMALAKSHMI	Yes
2	17U41A0436	MURUKUTTI ASHOK	No
3	17U41A0438	KADAVALA MADHURI	Yes
4	17U41A0445	PALLA JANARDHAN	Yes
5	17U41A0452	SIDDA BHAVANI	Yes
6	17U41A0453	SIRIGIRISETTI NAGAMANI	Yes
7	17U41A0455	SIRISOLLA SAIRAM	Yes
8	17U41A0471	CH. CHETAN SATYA	No
9	18U45A0425	PEELA UDAY KUMAR	Yes

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information(6)

PROGRAM : B.Tech

CLASS : IV B.Tech I Sem., ECE

ACADEMIC YEAR : 2020-21

COURSE NAME & CODE : Digital Image Processing (R16)

COURSE INSTRUCTOR : Mr M KISHORE KUMAR

Date of Remedial Class: 14-10-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 14/10/21. for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Explain the following morphological algorithms
   i) Thinning ii) Thickening

2. Discuss about region based segmentation
3. What is meant by edge linking? Explain edge linking using local processing

List of students for the Remedial Class.

S.NO	Register No:	Student Name	Attendance
1	17U41A0408	C SRITHA KAMALAKSHMI	Yes
2	17U41A0436	MURUKURTI ASHOK	No
3	17U41A0438	KADAVALA MADHURI	Yes
4	17U41A0445	PALLA JANARDHAN	Yes
5	17U41A0452	SIDDA BHAVANI	Yes
6	17U41A0453	SIRIGIRISETTI NAGAMANI	Yes
7	17U41A0455	SIRISOLLA SAIRAM	No
8	17U41A0471	CH CHETAN SATYA	Yes
9	18U45A0425	PEELA UDAY KUMAR	Yes

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information(7)

PROGRAM : B.Tech
CLASS : IV B.Tech I Sem., ECE
ACADEMIC YEAR : 2020-21
COURSE NAME & CODE : Digital Image Processing (R16)
COURSE INSTRUCTOR : Mr M KISHORE KUMAR
Date of Remedial Class: 21-10-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 21/10/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Explain the Huffman coding with example
2. Discuss briefly about spatial filtering.
3. Explain the correspondence between filtering in the spatial and frequency domains.

List of students for the Remedial Class.

S.NO	Register No:	Student Name	Attendance
1	17U41A0408	C. SRITHA RAMALAKSHMI	Yes
2	17U41A0436	MURUKURTI ASHOK	Yes
3	17U41A0438	KADAVALA MADHURI	Yes
4	17U41A0445	PALLA JANARDHAN	Yes
5	17U41A0452	SIDDA BHAVANI	No
6	17U41A0453	SIRIGIRISETTI NAGAMANI	Yes
7	17U41A0455	SIRISOLLA SAIRAM	No
8	17U41A0471	CH. CHETAN SATYA	Yes
9	18U45A0425	PEELA UDAY KUMAR	Yes

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME &CODE :Embedded Systems
COURSE INSTRUCTOR : Mr R SUNEEL KUMAR
Date of Remedial Class : 21-10-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 21/10/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered

1. 8051 C Programs

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1	17U41A0408	C. SRITHA RAMALAKSHMI	Present
2	17U41A0425	KATTAMURI BHARATH KUMAR	Present
3	17U41A0431	MADDIMSETTY SAI KRISHNA	Present
4	17U41A0436	MURUKURTI ASHOK	Absent
5	17U41A0442	PAKKURTI JANARDHANRAO	Present
6	17U41A0445	PALLA JANARDHAN	Present
7	17U41A0452	SIDDA DIVYANI	Absent
8	17U41A0458	TEPPALA RAJASEKHAR	Present

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME &CODE :Embedded Systems
COURSE INSTRUCTOR : Mr R SUNEEL KUMAR
Date of Remedial Class : 14-10-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 14/10/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered

1.The integrated development environment, Types of files generated on cross-compilation, Deassembler/Decompiler, Simulators

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1	17U41A0408	C. SRITHA RAMALAKSHMI	Present
2	17U41A0429	KATTAMURI BHARATH KUMAR	Present
3	17U41A0431	MADDIMSETTY SAI KRISHNA	Present
4	17U41A0436	MURUKURTI ASHOK	Absent
5	17U41A0442	PAKKURTI JANARDHANRAO	Present
6	17U41A0445	PALLA JANARDHAN	Present
7	17U41A0452	SIDDA BHAVANI	Absent
8	17U41A0458	TEPPALA RAJASEKHAR	Present

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME &CODE :Embedded Systems
COURSE INSTRUCTOR : Mr R SUNEEL KUMAR
Date of Remedial Class : **06-10-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 6/10/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Operating system basics, Types of operating systems, Tasks, Process and Threads, Multiprocessing and Multitasking, Task Scheduling.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1	17U42A0408	C. SRITHA RAMALAKSHMI	Present
2	17U41A0425	KATTAMURI BHARATH KUMAR	Present
3	17U41A0431	MADDIMSETTY SAI KRISHNA	Present
4	17U41A0436	MURUKURTI ASHOK	Absent
5	17U41A0442	PAKKURTI JANARDHANRAO	Present
6	17U41A0445	PALLA JANARDHAN	Present
7	17U41A0452	SIDDA BHAVANI	Absent
8	17U41A0458	TEPPALA RAJASEKHAR	Present

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME &CODE :Embedded Systems
COURSE INSTRUCTOR : Mr R SUNEEL KUMAR
Date of Remedial Class : 30-09-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered:

1.Embedded Firmware design approaches, Embedded Firmware development languages, ISR concept, Interrupt sources

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1	17U41A0409	C. SRITHA RAMALAKSHMI	Present
2	17U41A0425	KATTAMURI BHARATH KUMAR	Present
3	17U41A0431	MADDIMSETTY SAI KRISHNA	Present
4	17U41A0436	MURUKURTI ASHOK	Absent
5	17U41A0442	PAKKURTI JANARDHANRAO	Present
6	17U41A0445	PALLA JANARDHAN	Present
7	17U41A0452	SIDDA BHAVANI	Absent
8	17U41A0458	TEPPALA RAJASEKHAR	Present

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME &CODE :Embedded Systems
COURSE INSTRUCTOR : Mr R SUNEEL KUMAR
Date of Remedial Class : **16-09-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 16/9/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered;

1.Operating system basics, Types of operating systems, Tasks, Process and Threads, Multiprocessing and Multitasking, Task Scheduling, Threads, Processes and Scheduling

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1	16U41A0410	JYOTHULA ANIRUDH	Present
2	16U41A0420	M VENKATA RAMA PRAKASH	Present
3	16U41A0429	SIRASAPALLI SANDHYA	Present
4	16U41A0446	NAGAMBOINA SREEKANTH	Absent
5	16U41A0449	BODU PRATHYUSHA	Present
6	17U45A0406	GANDREDDI TRINADH	Present
7	17U45A0407	GANESH SAI KANDREGULA	Absent
8	17U45A0416	PARUPALLI RAJESH	Present

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME &CODE :Embedded Systems
COURSE INSTRUCTOR : Mr R SUNEEL KUMAR
Date of Remedial Class : **18-08-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered

1. Timer and counting devices, Watchdog timer, Real time clock

2. Characteristics of an embedded system, Quality attributes of embedded systems.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1	17U41A0408	C. SRITHA RAMALAKSHMI	Present
2	17U41A0425	KATTAMURI BHARATH KUMAR	Present
3	17U41A0431	MADDIMSETTY SAI KRISHNA	Present
4	17U41A0436	MURUKURTI ASHOK	Absent
5	17U41A0442	PAKKURTI JANARDHANRAO	Present
6	17U41A0445	PALLA JANARDHAN	Present
7	17U41A0452	SIDDA BHAVANI	Absent
8	17U41A0458	TEPPALA RAJASEKHAR	Present

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME &CODE :Embedded Systems
COURSE INSTRUCTOR : Mr R SUNEEL KUMAR
Date of Remedial Class : 04-08-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 4/8/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered.

1. Memory, Sensors and Actuators, Communication Interface, Embedded firmware, Characteristics of an embedded system.
2. Application-specific and Domain-Specific examples of an embedded system.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1	17U41A0408	C. SRITHA RAMALAKSHMI	Present
2	17U41A0425	KATTAMURI BHARATH KUMAR	Present
3	17U41A0431	MADDIMSETTY SAI KRISHNA	Present
4	17U41A0436	MURUKURTI ASHOK	Absent
5	17U41A0442	PAKKURTI JANARDHANRAO	Present
6	17U41A0445	PALLA JANARDHAN	Present
7	17U41A0452	SIDDA BHAVANI	Absent
8	17U41A0458	TEPPALA RAJASEKHAR	Present

Course Instructor

HOD

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Anakapalle - 531 002

Beneficiaries of the above classes

S.No	Student Roll Number	Name of the Student	STATUS
1	19U41A0418	Pakkurthi Praveena Kumar	PASS
2	19U41A0437	Korathala Swaroop	PASS
3	19U41A0438	Singampalli Bharathi	PASS
4	20U45A0007	Jetti Padma Priya	PASS

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : OPTICAL COMMUNICATIONS
COURSE INSTRUCTOR : **Mrs P AMRUTHA**
Date of Remedial Class : **21-10-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. Derive an expression for pulse spreading due to material dispersion which is a function of wavelength and time delay.

2. Mention any six advantages of OFC. Discuss the intra modal dispersion effect in optical fiber

3. Discuss about connector return loss.

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List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	17U41A0406	C.Sritha Ramalakshmi	Yes
2	17U41A0436	M Ashok	Yes
3	17U41A0438	K.Madhuri	Yes
4	17U41A0445	P.Janardhan	No
5	17U41A0452	S.Bhavani	No
6	17U41A0458	T.Rajasekhar	Yes
7	17U41A0471	Ch.Chetan Satya	Yes
8	18U45A0402	M.Bharat	Yes
9	18U45A0414	R.Rajyalaxmi	Yes

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Remedial Classes Information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : OPTICAL COMMUNICATIONS
COURSE INSTRUCTOR : **Mrs P AMRUTHA**
Date of Remedial Class : **14-10-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 10-03-2021 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. Write about mode coupling and V number.
2. Explain Signal distortion in optical fibers due to attenuation and absorption.
3. Explain the fusion splicing technique in optical fiber with suitable diagrams

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List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	17U41A0408	C.Sritha Ramalakshmi	Yes
2	17U41A0436	M.Ashok	Yes
3	17U41A0438	K.Madhuri	Yes
4	17U41A0445	P.Janardhan	Yes
5	17U41A0452	S Bhavani	Yes
6	17U41A0458	T.Rajasekhar	Yes
7	17U41A0471	Ch.Chetan Satya	Yes
8	18U45A0402	M.Bharat	Yes
9	18U45A0414	R.Rajyalaxmi	no

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : OPTICAL COMMUNICATIONS
COURSE INSTRUCTOR : **Mrs P AMRUTHA**
Date of Remedial Class : **06-10-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. Explain the need of Expanded Beam Connectors (EBC) and working of EBC.

2. A silica optical fiber with a core diameter large enough to be considered by my theory analysis has a core refractive index of 1.50 and a cladding refractive index of 1.47. Determine: (i) the critical angle at the core cladding interface, (ii) the NA for the fiber; (iii) the acceptance angle in air for the fiber.

3. Define numerical Aperture. How to calculate numerical aperture of a given fiber? Explain

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List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	17U41A0408	C.Sritha Ramalakshmi	Yes
2	17U41A0436	M.Ashok	Yes
3	17U41A0438	K.Madhuri	Yes
4	17U41A0445	P.Janardhan	Yes
5	17U41A0452	S.Bhavani	Yes
6	17U41A0458	T.Rajasekhar	Yes
7	17U41A0471	Ch.Chetan Satya	Yes
8	16U45A0402	M.Bharat	No
9	16U45A0414	R.Rajyalaxmi	Yes

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Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : OPTICAL COMMUNICATIONS
COURSE INSTRUCTOR : **Mrs P AMRUTHA**
Date of Remedial Class : **30-09-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. Glass fiber exhibits material dispersion given by λ2 (d2 nl/d λ2) of 025. Determine material dispersion parameter at a wavelength of 0.85μm and estimate rms pulse broadening/km for good LED source with an rms spectral width of 20 nm at this wavelength.

2. Explain all four types of distortion mechanisms in optical communication.

3. Write about fiber alignment & joint losses.

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List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	17U41A0406	C.Sritha Ramalakshmi	Yes
2	17U41A0438	M.Ashok	no
3	17U41A0439	K.Madhuri	Yes
4	17U41A0445	P.Janardhan	Yes
5	17U41A0452	S.Bhavani	Yes
6	17U41A0456	T Rajasekhar	Yes
7	17U41A0471	Ch.Chetan Satya	Yes
8	18U45A0402	M.Bharat	yes
9	18U45A0414	R.Rajyalaxmi	no

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : OPTICAL COMMUNICATIONS
COURSE INSTRUCTOR : Mrs P AMRUTHA
Date of Remedial Class : 16-09-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. What are the major problems encountered in the early development of optical communication for the practical use? Explain

2. Discuss about multimode fiber joints

3. Explain different splicing techniques

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List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	17U41A0406	C.Sritha Ramalakshmi	yes
2	17U41A0436	M.Ashok	yes
3	17U41A0438	K.Madhuri	yes
4	17U41A0445	P.Janardhan	yes
5	17U41A0452	S.Bhavani	yes
6	17U41A0458	T.Rajasekhar	yes
7	17U41A0471	Ch.Chetan Satya	yes
8	18U45A0402	M.Bharat	yes
9	18U45A0414	R.Rajyalaxmi	yes

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME &CODE :Radar Systems
COURSE INSTRUCTOR :D.L.Mythri
Date of Remedial Class : **21-10-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 21/10/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1.With suitable diagram explain the working prinicipie of conical scan technique

2.Suggest the suitable techniques to acqusit the moving target on azimuth & elevation plane?

3. Write short notes on Phased Array Antennas

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1	17U41A0408	C. SRITHA RAMALAKSHMI	Present
2	17U41A0425	KATTAMURI BHARATH KUMAR	Present
3	17U41A0431	MADDIMSETTY SAI KRISHNA	Present
4	17U41A0436	MURUKURTI ASHOK	Absent
5	17U41A0442	PAKKURTI JANARDHANRAO	Present
6	17U41A0445	PALLA JANARDHAN	Present
7	17U41A0452	SIDDA BHAVANI	Absent
8	17U41A0459	TEPPALA RAJASEKHAR	Present

List of Beneficiaries:

S.No	Roll Number	Name of the Student	STATUS
1	17U41A0408	C. SRITHA RAMALAKSHMI	PASS
2	17U41A0425	KATTAMURI BHARATH KUMAR	PASS
3	17U41A0431	MADDIMSETTY SAI KRISHNA	PASS
4	17U41A0442	PAKKURTI JANARDHANRAO	PASS
5	17U41A0445	PALLA JANARDHAN	PASS
6	17U41A0452	SIDDA BHAVANI	PASS
7	17U41A0459	TEPPALA RAJASEKHAR	PASS

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes Information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME &CODE :Radar Systems
COURSE INSTRUCTOR :D.L.Mythri
Date of Remedial Class : **14-10-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 14/10/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. What are the different detection theories? Explain them in brief.
2. What do you understand by correlation detection?
3. Explain the principle and working of a balanced duplexer.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1	17U41A0408	C. SRITHA RAMALAKSHMI	Present
2	17U41A0425	KATTAMURI BHARATH KUMAR	Present
3	17U41A0431	MADDIMSETTY SAI KRISHNA	Present
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6	17U41A0445	PALLA JANARDHAN	Present
7	17U41A0452	SIDDA BHAVANI	Absent
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Course Instructor HOD

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : OPTICAL COMMUNICATIONS
COURSE INSTRUCTOR : **Mrs P AMRUTHA**
Date of Remedial Class : **18-08-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. Define an optical fiber. Explain in detail different types of optical fibers with neat

2. Write short note on the following: (i) Chromatic dispersion (ii) Polarization mode dispersion (iii)Material dispersion

3. Discuss the different techniques to connect the 2 optical fibers with different lengths and also calculate the Joint losses.

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List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	**17U41A0408**	C.Sritha Ramalakshmi	Yes
2	**17U41A0436**	M.Ashok	Yes
3	**17U41A0438**	K.Madhuri	Yes
4	**17U41A0445**	P.Janardhan	Yes
5	**17U41A0452**	S.Bhavani	Yes
6	**17U41A0458**	T.Rajasekhar	Yes
7	**17U41A0471**	Ch.Chetan Satya	no
8	**18U45A0402**	M.Bharat	yes
9	**18U45A0414**	R.Rajyalaxmi	yes

Course Instructor

HOD

Head of the Department
Electronics & Communication Engg.
Dadi Institute of Engg. & Tech.
Anakapalle 531 002

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : OPTICAL COMMUNICATIONS
COURSE INSTRUCTOR : **Mrs P AMRUTHA**
Date of Remedial Class : **21-10-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. Derive an expression for pulse spreading due to material dispersion which is a function of wavelength and time delay.

2. Mention any six advantages of OFC. Discuss the intra modal dispersion effect in optical fiber

3. Discuss about connector return loss.

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Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	17U41A0409	C.Sritha Ramalakshmi	Yes
2	17U41A0436	M.Ashok	Yes
3	17U41A0438	K.Madhuri	Yes
4	17U41A0445	P.Janardhan	No
5	17U41A0452	S.Bhavani	No
6	17U41A0458	T.Rajasekhar	Yes
7	17U41A0471	Ch.Chetan Satya	Yes
8	18U45A0402	M.Bharat	Yes
9	18U45A0414	R.Rajyalaxmi	Yes

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : OPTICAL COMMUNICATIONS
COURSE INSTRUCTOR : **Mrs P AMRUTHA**
Date of Remedial Class : **04-08-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1 Draw the electromagnetic spectrum, explain different ranges and their wavelengths. Clearly show the range of wavelengths used for optical fiber communication

2. A single-mode fiber has the following parameters: Normalized frequency (v) = 2.40, Core refractive index (n1) =1.46 Core diameter (2a) =8 μm, Numerical aperture (NA) =0.1 Estimate the total insertion loss of a fiber joint with a lateral misalignment of 1 μm and an angular misalignment of 10 .

3. Discuss the total internal reflection in OFC using Snell's law.

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List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	**17U41A0408**	C.Sritha Ramalakshmi	yes
2	**17U41A0436**	M.Ashok	yes
3	**17U41A0438**	K.Madhuri	no
4	**17U41A0445**	P.Janardhan	yes
5	**17U41A0452**	S.Bhavani	yes
6	**17U41A0458**	T.Rajasekhar	yes
7	**17U41A0471**	Ch.Chetan Satya	yes
8	**18U45A0402**	M.Bharat	yes
9	**18U45A0414**	R.Rajyalaxmi	Yes

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : OPTICAL COMMUNICATIONS
COURSE INSTRUCTOR : **Mrs P AMRUTHA**
Date of Remedial Class : **30-09-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. Glass fiber exhibits material dispersion given by λ2 (d2 n1/d λ2) of 025. Determine material dispersion parameter at a wavelength of 0.85μm and estimate rms pulse broadening/km for good LED source with an rms spectral width of 20 nm at this wavelength.

2. Explain all four types of distortion mechanisms in optical communication.

3. Write about fiber alignment & joint losses.

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List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	17U41A0408	C.Sritha Ramalakshmi	Yes
2	17U41A0436	M.Ashok	no
3	17U41A0438	K.Madhuri	Yes
4	17U41A0445	P.Janardhan	Yes
5	17U41A0452	S.Bhavani	Yes
6	17U41A0456	T.Rajasekhar	Yes
7	17U41A0471	Ch.Chetan Satya	Yes
8	16U45A0402	M.Bharat	yes
9	16U45A0414	R.Rajyalaxmi	no

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes Information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : OPTICAL COMMUNICATIONS
COURSE INSTRUCTOR : Mrs P AMRUTHA
Date of Remedial Class : 14-10-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 14-10-2021 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. Write about mode coupling and V number.
2. Explain Signal distortion in optical fibers due to attenuation and absorption.
3. Explain the fusion splicing technique in optical fiber with suitable diagrams

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List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	17U41A0408	C.Sritha Ramalakshmi	Yes
2	17U41A0436	M.Ashok	Yes
3	17U41A0438	K.Madhuri	Yes
4	17U41A0445	P.Janardhan	Yes
5	17U41A0452	S.Bhavani	Yes
6	17U41A0458	T.Rajasekhar	Yes
7	17U41A0471	Ch.Chetan Satya	Yes
8	18U45A0402	M.Bharat	Yes
9	18U45A0414	R.Rajyalaxmi	no

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes Information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : OPTICAL COMMUNICATIONS
COURSE INSTRUCTOR : **Mrs P AMRUTHA**
Date of Remedial Class : **06-10-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. Explain the need of Expanded Beam Connectors (EBC) and working of EBC.

2. A silica optical fiber with a core diameter large enough to be considered by ray theory analysis has a core refractive index of 1.50 and a cladding refractive index of 1.47. Determine: (i) the critical angle at the core–cladding interface; (ii) the NA for the fiber; (iii) the acceptance angle in air for the fiber.

3. Define numerical Aperture. How to calculate numerical aperture of a given fiber? Explain

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List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	17U41A0406	C.Sritha Ramalakshmi	Yes
2	17U41A0436	M.Ashok	Yes
3	17U41A0438	K.Madhuri	Yes
4	17U41A0445	P.Janardhan	Yes
5	17U41A0452	S.Bhavani	Yes
6	17U41A0458	T.Rajasekhar	Yes
7	17U41A0471	Ch.Chetan Satya	Yes
8	16U45A0402	M.Bharat	No
9	16U45A0414	R.Rajyalaxmi	Yes

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : OPTICAL COMMUNICATIONS
COURSE INSTRUCTOR : **Mrs P AMRUTHA**
Date of Remedial Class : **16-09-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. What are the major problems encountered in the early development of optical communication for the practical use? Explain

2. Discuss about multimode fiber joints

3. Explain different splicing techniques

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List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	17U41A0408	C.Sritha Ramalakshmi	yes
2	17U41A0430	M.Ashok	yes
3	17U41A0438	K.Madhuri	yes
4	17U41A0445	P.Janardhan	yes
5	17U41A0452	S.Bhavani	yes
6	17U41A0459	T.Rajasekhar	yes
7	17U41A0471	Ch.Chetan Satya	yes
8	18U45A0402	M.Bharat	yes
9	18U45A0414	R.Rajyalaxmi	yes

Course Instructor

HOD

Head of the Department
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information (1)

PROGRAM : B.Tech
CLASS : IV B.Tech I Sem., ECE
ACADEMIC YEAR : 2020-21
COURSE NAME & CODE : Digital Image Processing (R16)
COURSE INSTRUCTOR : Mr M KISHORE KUMAR
Date of Remedial Class: 04-08-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on --4/8/21-- for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Explain about image sampling and Quantization
2. Explain the following two properties of 2D-DFT:
   i) Convolution ii) Correlation
3. What is Haar Transform? Write the procedure to determine the Haar transformation matrix

List of students for the Remedial Class.

S.NO	Register No:	Student Name	Attendance
1	17U41A0408	C. SRITHA RAMALAKSHMI	Yes
2	17U41A0436	MURUKURTI ASHOK	Yes
3	17U41A0438	KADAVALA MADHURI	No
4	17U41A0445	PALLA JANARDHAN	NO
5	17U41A0452	SIDDA BHAVANI	Yes
6	17U41A0453	SIRIGIRISETTI NAGAMANI	Yes
7	17U41A0455	SIRISOLLA SAIRAM	Yes
8	17U41A0471	CH. CHETAN SATYA	Yes
9	18U45A0425	PEELA UDAY KUMAR	Yes

Course Instructor

HOD

LIST OF BENEFECIERIES

S No	Roll Number	Name of the Student	STATUS
1.	18U41A0406	BODDEDA REVATHI	PASS
2.	18U41A0423	MATHALA MADHAVI	PASS
3.	18U41A0424	PAKKI SATYA LASWIK	PASS
4.	18U41A0443	REDDI SRINIVAS	PASS
5.	18U41A0447	PANASA JHANSI	PASS
6.	18U41A0457	RAHUL KUMAR	PASS
7.	19U45A0401	ALETI SWAMY	PASS
8.	19U45A0402	ANE LOKESH	PASS
9.	19U45A0407	BUDDHA KEDHAR SAI	PASS
10.	19U45A0408	CHEVVETI LATHA	PASS
11.	19U45A0420	KOBBARI RAJESH	PASS
12.	19U45A0426	M SAI SHANMUKHA SRINADH	PASS
13	19U45A0427	MEDISETTI MANJU	PASS
14	19U45A0429	PADALA YAMINI	PASS
15	19U45A0430	PEDDADA NIHARIKA	PASS
16	19U45A0433	RAMPILLI INDRAJA	PASS
17	19U45A0434	SANAPATI JANAKI	PASS
18	19U45A0435	SENAPATHI JYOTHI	PASS
19	19U45A0436	SIMHADRI MOUNAVI	PASS
20	19U45A0439	VADALA GEETHA BHUVANA	PASS

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : OPTICAL COMMUNICATIONS
COURSE INSTRUCTOR : **Mrs P AMRUTHA**
Date of Remedial Class : **18-08-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. Define an optical fiber. Explain in detail different types of optical fibers with neat

2. Write short note on the following: (i) Chromatic dispersion (ii) Polarization mode dispersion (iii)Material dispersion

3. Discuss the different techniques to connect the 2 optical fibers with different lengths and also calculate the Joint losses.

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List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	**17U41A0408**	C.Sritha Ramalakshmi	Yes
2	**17U41A0436**	M.Ashok	Yes
3	**17U41A0438**	K.Madhuri	Yes
4	**17U41A0445**	P.Janardhan	Yes
5	**17U41A0452**	S.Bhavani	Yes
6	**17U41A0458**	T.Rajasekhar	Yes
7	**17U41A0471**	Ch.Chetan Satya	no
8	**18U45A0402**	M.Bharat	yes
9	**18U45A0414**	R.Rajyalaxmi	yes

Course Instructor

HOD

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : IV B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : OPTICAL COMMUNICATIONS
COURSE INSTRUCTOR : **Mrs P AMRUTHA**
Date of Remedial Class : **04-08-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1 Draw the electromagnetic spectrum, explain different ranges and their wavelengths. Clearly show the range of wavelengths used for optical fiber communication

2. A single-mode fiber has the following parameters: Normalized frequency (v) = 2.40, Core refractive index (n1) =1.46 Core diameter (2a) =8 μm, Numerical aperture (NA) =0.1 Estimate the total insertion loss of a fiber joint with a lateral misalignment of 1 μm and an angular misalignment of 10 .

3. Discuss the total internal reflection in OFC using Snell's law.

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List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	**17U41A0408**	C.Sritha Ramalakshmi	yes
2	**17U41A0436**	M.Ashok	yes
3	**17U41A0438**	K.Madhuri	no
4	**17U41A0445**	P.Janardhan	yes
5	**17U41A0452**	S.Bhavani	yes
6	**17U41A0458**	T.Rajasekhar	yes
7	**17U41A0471**	Ch.Chetan Satya	yes
8	**18U45A0402**	M.Bharat	yes
9	**18U45A0414**	R.Rajyalaxmi	Yes

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :AWP
COURSE INSTRUCTOR : Dr P POORNA PRIYA
Date of Remedial Class : **24-01-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 24/1/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. A transmitting antenna radiates 251W isotropically. A receiving antenna, located 100m away from the transmitting antenna, has an effective aperture of 500cm2 . Determine the total power received by the antenna
2. What are the differences between transmission line and dipole antenna?
3. Sketch and comment on the current distributions and radiation patterns of vertical antennas of length λ/2, λ, 3λ/2, 2λ

List of students for the Remedial Class

S.No	Roll Number	Name of the Student	Attendance
1.	17U47A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

P. Poorna Priya
Course Instructor

HOD

Head of the Department
Electronics & Communication Engg.
Dadi Institute of Engg. & Tech.

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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NH–16, Anakapalle, Visakhapatnam–531002, Andhra Pradesh

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :AWP
COURSE INSTRUCTOR : Dr P POORNA PRIYA
Date of Remedial Class : 10-01-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 10/1/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. A short antenna of height h = l/2 is mounted on a conducting plane. Show that its radiation resistance is one-half that of a short dipole antenna of length l and carrying the same current.
2. Explain the need and configuration of a folded dipole antenna. Sketch its radiation pattern and compare its characteristics with those of a simple half wave dipole.
3. Obtain the expression for the beam width of broadside and end-fire array and compare them.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U61A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0431	MATHAPU MADHAVI	Absent
5.	18U41A0424	PARKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

P. Poorna Priya
Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes Information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE -Digital Communications
COURSE INSTRUCTOR : MR K JOGI NAIDU
Date of Remedial Class : **20-01-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1.] Determine the bandwidth required for M-ary FSK system. Draw the geometrical representation of M-ary FSK signals and find out the distance between the signals

2.] Given a sine wave of frequency fm and amplitude Am applied to a delta modulator having step size Δ. Find the condition on Am for which slope overload distortion will occur.

3. What are power spectra? Explain power spectra of BPSK and BFSK signals along with graphs..

List of students for the Remedial Class

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATTIALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U42A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANTU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes Information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME & CODE :Digital Communications
COURSE INSTRUCTOR : MR K JOGI NAIDU
Date of Remedial Class : **24-01-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 24/1/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Explain quantization error and derive an expression for maximum SNR in PCM system that uses Linear quantization

2. In a binary PCM system, the output signal to quantizing noise ratio is to be held to a minimum value of 40dB. Determine the number of levels and find the corresponding signal to quantizing noise ratio

3. Sketch the QPSK waveform for the sequence 1101010010, assuming the carrier frequency equal to bit rate

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	19U41A0442	KANDREGULA MANIKANTA BABU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech

CLASS : III B.Tech I-Sem , ECE

ACADEMIC YEAR :2020-2021

COURSE NAME &CODE :Digital Communications

COURSE INSTRUCTOR : MR K JOGI NAIDU

Date of Remedial Class : **23-01-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Draw the QAM modulator and demodulator block diagram. Explain briefly

2. Explain the process of generating DM wave

3. Give the concept of information with suitable examples and state its properties.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4	19U41A0412	MATHALA MADHAVI	Absent
5	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	19U41A0447	PANASA JHANSI	Absent
11.	19U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech

CLASS : III B Tech I-Sem., ECE

ACADEMIC YEAR :2020-2021

COURSE NAME &CODE :Digital Communications

COURSE INSTRUCTOR : MR K JOGI NAIDU

Date of Remedial Class : 10-01-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 10/1/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. A message source generates one of four messages randomly every microsecond. The probabilities of these messages are 0.4, 0.3, 0.2, and 0.1. Each emitted message is independent of the other messages in the sequence. What is the entropy and rate of information generated by this source (in bits per second)?

2. Find the capacity of a Gaussian channel and Binary symmetric channe.

3. A source emits seven messages with probabilities 1/3, 1/3, 1/9, 1/9, 1/27, 1/27, and 1/27, respectively. Obtain the Shannon-Fano code and find the average length of the codeword and efficiency.

List of students for the Remedial Class.

S No	Roll Number	Name of the Student	Attendance
1	17U41A0424	K JAGAN	Present
2	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :DICA
COURSE INSTRUCTOR : Ms Sk SHABEENA
Date of Remedial Class : 24-01-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 24/1/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Write VHDL program for Serial-In Serial-Out Shift Register(SISO).
2. Design MOD 10 Synchronous Counter using D Flip Flop.
3. Design a conversion circuit to convert a D flip-flop to J-K flip-flop.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0409	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :DICA
COURSE INSTRUCTOR : Ms Sk SHABEENA
Date of Remedial Class : 10-01-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 10/1/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Design MOD 6 Asynchronous Counter using JK Flip Flop.
2. Design 3 Bit Up/Down Ripple Counter using JK Flip Flop
3. Write VHDL program for MOD-16 Counter.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	DEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0410	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :DICA
COURSE INSTRUCTOR : Ms Sk SHABEENA
Date of Remedial Class : **14-12-2020**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 14/12/20 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed

1. Design a 4 to 16 decoder using two 74×138 decoders
2. Write a VHDL code for BCD to 7-Segment Display.
3. With the help of Logic Diagram explain 74×157 Multiplexer. Write the Data Flow Style VHDL program for this IC.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1	17U41A0424	K JAGAN	Present
2	18U41A0405	BEJAWADA HARI KRISHNA	Present
3	18U41A0406	BODDEDA REVATHI	Present
4	18U41A0423	MATHALA MADHAVI	Absent
5	18U41A0424	PAKKI SATYA LASWIK	Present
6	18U41A0436	DEVADA JEEWANTH REDDY	Present
7	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8	18U41A0443	REDDI SRINIVAS	Present
9	18U41A0445	MAREDDY AKHILESH	Present
10	18U41A0447	PANASA JHANSI	Absent
11	18U41A0457	RAHUL KUMAR	Present
12	19U45A0401	ALETI SWAMY	Present
13	19U45A0402	ANE LOKESH	Present
14	19U45A0404	BERA SRAVANI	Present
15	19U45A0407	BUDDHA KEDHAR SAI	Present
16	19U45A0408	CHEVVETI LATHA	Absent
17	19U45A0420	KOBBARI RAJESH	Present
18	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

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Anakapalle 531 002

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada
NAAC Accredited Institute
An ISO 9001:2008, 14001:2004 & OHSAS 18001 2007 Certified Institute
NH-16, Anakapalle, Visakhapatnam-531002, Andhra Pradesh

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes Information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME & CODE :DICA
COURSE INSTRUCTOR : Ms Sk SHABEENA
Date of Remedial Class : **20-01-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 20/1/2021 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Design a 24-bit comparator circuit using 74×682 ICs and Explain the functionality of the circuit
2. Write VHDL code for D Latch
3. Explain the operation of Universal Shift Register

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7	18U41A0442	KANDREGULA MANIKANTANADH	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SAVAPATI JANAKI	Present
24	19U45A0435	SIVAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

Course Instructor

HOD

Head of the Department
Electronics & Communication Engg
Dadi Institute of Engg. & Tech
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :DICA
COURSE INSTRUCTOR : Ms Sk SHABEENA
Date of Remedial Class : **03-12-2020**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 03/12/20 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Implement the 32 input to 5 output priority encoder using four 74LS148 & gates.
2. Write a VHDL code for 4-bit Look ahead carry generator and Give the equation for C_1 to C_4 for a look-ahead carry adder circuit.
3. Draw the circuit of a 4-bit ripple carry adder circuit and Write VHDL code for 4-bit parallel adder.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0420	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

Course Instructor

HOD

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech

CLASS : III B.Tech I-Sem., ECE

ACADEMIC YEAR :2020-2021

COURSE NAME &CODE :DICA

COURSE INSTRUCTOR : Ms Sk SHABEENA

Date of Remedial Class : 02-11-2020

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 2/11/20 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered:Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Write a VHDL code for IC 74155(1x4 Demultiplexer)
2. Write a VHDL code for IC 74280 (9 bit Parity Generator/ Checker).
3. Write a VHDL code for IC 74381(4 bit ALU)

List of students for the Remedial Class

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
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15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANOJ	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :Digital Communications
COURSE INSTRUCTOR : MR K JOGI NAIDU
Date of Remedial Class : 03-12-2020

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 3/12/20 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. A signal (t) of bandwidth $B = 4\ kHz$ is transmitted using a binary companded PCM with $\mu = 100$. Compare the case of $L = 64$ with the case of $L = 256$ from the point of view of transmission bandwidth and the output SNR

2. Explain about power and bandwidth requirements of M-ary ASK and M-ary FSK schemes.

3. Derive the expression for minimum BER of matched filter.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	DODDEDA DEVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	19U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

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Remedial Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :Digital Communications
COURSE INSTRUCTOR : MR K JOGI NAIDU
Date of Remedial Class : **14-12-2020**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 14/12/20 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. A speech signal of maximum frequency 3.4KHz is applied to a delta modulator whose bit rate is 20Kbps. Determine minimum step size for the delta modulation so that there is no slope overload

2. Explain about coherent binary PSK transmitter and receiver. Assuming channel noise to be additive white Gaussian obtain expression for probability of error.

3. Calculate the transfer function of the Optimum filter

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech

CLASS : III B.Tech I-Sem., ECE

ACADEMIC YEAR :2020-2021

COURSE NAME &CODE :Digital Communications

COURSE INSTRUCTOR : MR K JOGI NAIDU

Date of Remedial Class : 02-11-2020

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 2/11/20 for the students who have got less than 50% Marks in First Mid Examination

Topics Covered:Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Write the difference between
a)Granular noise and Slope overload error
b) Distinguish between PCM and DPCM
c) Compare DM with PCM

2. Explain the similarity of
a)BFSK and BPSK
b) Explain DPSK and compare it with PSK
c) Represent BPSK scheme with neat block diagram and explain the operation of the receiver.

3. Define Matched filter and derive impulse response b) Define optimum receiver and derive signal to noise power ratio.

List of students for the Remedial Class

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0413	MATTALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

Course Instructor

HOD

Head of the Department
Electronics & Communication Engg.
Dadi Institute of Engg. & Tech.
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Beneficiaries:

S.No	Student Roll Number	Name of the Student	PASS/FAIL
1	17U41A0406	C.Sritha Ramalakshmi	PASS
2	17U41A0436	M.Ashok	AB
3	17U41A0438	K.Madhuri	FAIL
4	17U41A0445	P.Janardhan	PASS
5	17U41A0452	S.Bhavani	PASS
6	17U41A0471	Ch.Chetan Satya	PASS
7	18U45A0402	M.Bharat	PASS
8	18U45A0414	R.Rajyalaxmi	PASS

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech

CLASS : III B.Tech I-Sem., ECE

ACADEMIC YEAR :2020-2021

COURSE NAME & CODE :LICA

COURSE INSTRUCTOR : Mrs M KASIYAMMAL

Date of Remedial Class : 02-11-2020

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 2/11/20 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Derive the expression for voltage gain of a single input, balanced output differential amplifier
2. Draw the circuit diagram of two-stage differential amplifier and explain it
3. Explain about integrated circuit package types.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
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8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
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24	19U45A0435	SENAPATHI JYOTHI	Present
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Remedial Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :LICA
COURSE INSTRUCTOR : Mrs M KASIYAMMAL
Date of Remedial Class : **03-12-2020**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 3/12/20 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Explain the following: i) Input offset voltage ii) Input offset current.
2. Draw the circuit diagram of log amplifier and explain its operation.
3. Design an op-amp differentiator that will differentiate an input signal with fmax = 100 Hz.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
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8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANEJOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
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18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
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22	19U45A0431	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
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PROGRAM : B.Tech
CLASS : III B.Tech I-Sem , ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :LICA
COURSE INSTRUCTOR : Mrs M KASIYAMMAL
Date of Remedial Class : **20-01-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 20-01-21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Derive the expression for lock in range.
2. Explain about IC 1408 D/A convertor
3. Explain about counter type A/D convertor.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0434	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

Course Instructor

HOD

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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NH–16, Anakapalle, Visakhapatnam–531002, Andhra Pradesh

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :LICA
COURSE INSTRUCTOR : Mrs M KASIYAMMAL
Date of Remedial Class : 14-12-2020

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 14-12-20 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Design and plot the frequency response of a first order high pass filter for pass band gain of 2 and lower cut-off frequency of 2 KHz.
2. Explain the operation of Four-Quadrant Multiplier.
3. Draw the functional diagram of astable multivibrator using 555 timer and explain its operation.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

Course Instructor

HOD

Head of the Department
Electronics & Communication E...
Dadi Institute of E...
Anakapalle

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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NH–16, Anakapalle, Visakhapatnam–531002, Andhra Pradesh

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :LICA
COURSE INSTRUCTOR : Mrs M KASIYAMMAL
Date of Remedial Class : 10-01-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 10-01-21 for the students who have got less than 50% Marks in First Mid Examination

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Draw the circuit diagram of sample and hold circuit. Explain its operation
2. Draw the circuit diagram of second order generalized active filter and derive the expression for transfer function.
3. Design a second order Butterworth low-pass filter having a upper cut-off frequency of 1 kHz.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

Course Instructor

HOD

Electronics & Communication Engg
Dadi Institute of Engg. & Tech.

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes Information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :LICA
COURSE INSTRUCTOR : Mrs M KASIYAMMAL
Date of Remedial Class : 24-01-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 24-01-21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Derive the expression for voltage gain of a dual input, unbalanced output differential amplifier
2. Draw the circuit diagram of level translator using emitter follower and explain it
3. Draw the high frequency model of an op-amp with single break frequency and analyze the open loop voltage gain as a function of frequency.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	19U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDUHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

Course Instructor

HOD

Head of the Department
Electronics & Communication Engg.
Dadi Institute of Engg. & Tech.
Anakapalle - 531 002

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :LICA
COURSE INSTRUCTOR : Mrs M KASIYAMMAL
Date of Remedial Class : 23-01-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 23/01/21 for the students who have got less than 50% Marks in First Mid Examination

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Draw the functional diagram of monostable multivibrator using 555 timer and explain its operation
2. Explain about weighted resistor DAC and write the drawbacks of it.
3. Explain about successive approximation ADC.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI ERNIVAS	Present
9.	18U41A0446	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

Course Instructor

HOD

Head of the Department
Electronics & Communication Engg
Dadi Institute of Engg. & Tech

LIST OF BENEFECIERIES

S.No	Roll Number	Name of the Student	STATUS
1.	18U41A0486	BODDEDA REVATHI	PASS
2.	18U41A0423	MATHALA MADHAVI	PASS
3.	18U41A0424	PAKKI SATYA LASWIK	PASS
4.	18U41A0443	REDDI SRINIVAS	PASS
5.	18U41A0447	PANASA JHANSI	PASS
6.	18U41A0457	RAHUL KUMAR	PASS
7.	19U45A0401	ALETI SWAMY	PASS
8.	19U45A0402	ANE LOKESH	PASS
9.	19U45A0407	BUDDHA KEDHAR SAI	PASS
10.	19U45A0408	CHEVVETI LATHA	PASS
11.	19U45A0420	KOBBARI RAJESH	PASS
12	19U45A0426	M SAI SHANMUKHA SRINADH	PASS
13	19U45A0427	MEDISETTI MANJU	PASS
14	19U45A0429	PADALA YAMINI	PASS
15	19U45A0430	PEDDADA NIHARIKA	PASS
16	19U45A0433	RAMPILLI INDRAJA	PASS
17	19U45A0434	SANAPATI JANAKI	PASS
18	19U45A0435	SENAPATHI JYOTHI	PASS
19	19U45A0436	SIMHADRI MOUNAVI	PASS
20	19U45A0439	VADALA GEETHA BHUVANA	PASS

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :AWP
COURSE INSTRUCTOR : Dr P POORNA PRIYA
Date of Remedial Class : **23-01-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 23/1/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Explain the salient features of Microstrip Antennas.
2. What are the advantages and limitations of Microstrip antennas?
3. Explain the principle of formation of images in an active corner reflector antenna. Hence sketch the image formation for a 90o corner reflector. Obtain array factor for 90o corner reflector

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PAYASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0410	KOBBARI RAJESH	Present
18.	19U45A0420	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	PAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

P Poorna Priya
Course Instructor

HOD

Head of the Department
Electronics & Communication Engg.
Dadi Institute of Engg. & Tech
Anakapalle - 531 002

LIST OF BENEFECIERIES

S.No	Roll Number	Name of the Student	STATUS
1	18U41A0406	BODDEDA REVATHI	PASS
2	18U41A0423	MATHALA MADHAVI	PASS
3.	18U41A0424	PAKKI SATYA LASWIK	PASS
4.	18U41A0443	REDDI SRINIVAS	PASS
5	18U41A0447	PANASA JHANSI	PASS
6.	18U41A0457	RAHUL KUMAR	PASS
7.	19U45A0401	ALETI SWAMY	PASS
8.	19U45A0402	ANE LOKESH	PASS
9.	19U45A0407	BUDDHA KEDHAR SAI	PASS
10	19U45A0408	CHEVVETI LATHA	PASS
11	19U45A0420	KOBBARI RAJESH	PASS
12	19U45A0426	M SAI SHANMUKHA SRINADH	PASS
13	19U45A0427	MEDISETTI MANU	PASS
14	19U45A0429	PADALA YAMINI	PASS
15	19U45A0430	PEDDADA NIHARIKA	PASS
16	19U45A0433	RAMPILLI INDRAJA	PASS
17	19U45A0434	SANAPATI JANAKI	PASS
18	19U45A0435	SENAPATHI JYOTHI	PASS
19	19U45A0436	SIMHADRI MOUNAVI	PASS
20	19U45A0439	VADALA GEETHA BHUVANA	PASS

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :AWP
COURSE INSTRUCTOR : Dr P POORNA PRIYA
Date of Remedial Class : **14-12-2020**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 14/12/20 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Compare the requirements and radiation characteristics of resonant and nonresonant radiators?
2. List out the differences between active and passive corner reflectors.
3. Describe briefly the salient features of ground wave propagation.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0413	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KUBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

P. Poorna Priya
Course Instructor

HOD

Head of the Department
Electronics & Communication Engg.
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :AWP
COURSE INSTRUCTOR : Dr P POORNA PRIYA
Date of Remedial Class : 20-01-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. What should be the polarization of EM wave for the ground wave propagation? Just fy
2. Explain the term" wave tilt of surface waves".
3. What is the difference between directive gain and gain of antenna?

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SITANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
22	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

Course Instructor

P. Poorna Priya

HOD

Head of the Department
Electronics & Communication Engg
Dadi Institute of Engg. & Tech
Anakapalle - 531 002

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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NH–16, Anakapalle, Visakhapatnam–531002, Andhra Pradesh

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes Information

PROGRAM : B.Tech

CLASS : IIr B.Tech I-Sem., ECE

ACADEMIC YEAR :2020-2021

COURSE NAME &CODE :AWP

COURSE INSTRUCTOR : Dr P POORNA PRIYA

Date of Remedial Class : 02-11-2020

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered:Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. With the help of neat diagrams explain the principle of radiation mechanism in antennas
2. A source has a constant power pattern limited to top half of the hemisphere only. Find its directivity and effective area.
3. Derive the relationship between effective aperture area and gain of antenna.

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0423	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANUKMUTLA MANIKANTAMAHU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

P. Poorna Priya
Course Instructor

HOD

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes Information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :AWP
COURSE INSTRUCTOR : Dr P POORNA PRIYA
Date of Remedial Class : 03-12-2020

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Write short notes on: i) Collinear arrays ii) Binomial arrays and iii) Scanning arrays
2. Draw the radiation pattern of 8 – isotropic elements fed in phase, spaced λ/2 apart with the principle of pattern multiplication.
3. Derive the expression for pitch angle to get circularly polarized radiation pattern for a helical antenna, operating in broadside mode and sketch its pattern

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3.	18U41A0406	BODDEDA REVATHI	Present
4.	18U41A0421	MATHALA MADHAVI	Absent
5.	18U41A0424	PAKKI SATYA LASWIK	Present
6.	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NIHARIKA	Present
22	19U45A0433	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

Course Instructor
P. Poorna Priya

HOD

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : III B.Tech I-Sem., ECE
ACADEMIC YEAR :2020-2021
COURSE NAME &CODE :OICA
COURSE INSTRUCTOR : Ms Sk SHABEENA
Date of Remedial Class : **23-01-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 23/1/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Write VHDL program for IC7490(Decade Counter).
2. Write VHDL program for IC74LS74A(D Flip Flop).
3. Draw the logic diagram of Moore model & Explore its operation with examples

List of students for the Remedial Class.

S.No	Roll Number	Name of the Student	Attendance
1.	17U41A0424	K JAGAN	Present
2.	18U41A0405	BEJAWADA HARI KRISHNA	Present
3	18U41A0406	BODDEDA REVATHI	Present
4	18U41A0423	MATHALA MADHAVI	Absent
5	18U41A0424	PAKKI SATYA LASWIK	Present
6	18U41A0436	DEVADA JESWANTH REDDY	Present
7.	18U41A0442	KANDREGULA MANIKANTANADU	Present
8.	18U41A0443	REDDI SRINIVAS	Present
9.	18U41A0445	MAREDDY AKHILESH	Present
10.	18U41A0447	PANASA JHANSI	Absent
11.	18U41A0457	RAHUL KUMAR	Present
12.	19U45A0401	ALETI SWAMY	Present
13.	19U45A0402	ANE LOKESH	Present
14.	19U45A0404	BERA SRAVANI	Present
15.	19U45A0407	BUDDHA KEDHAR SAI	Present
16.	19U45A0408	CHEVVETI LATHA	Absent
17.	19U45A0420	KOBBARI RAJESH	Present
18.	19U45A0426	M SAI SHANMUKHA SRINADH	Present
19	19U45A0427	MEDISETTI MANJU	Present
20	19U45A0429	PADALA YAMINI	Present
21	19U45A0430	PEDDADA NOTARIKA	Present
22	19U45A0431	RAMPILLI INDRAJA	Absent
23	19U45A0434	SANAPATI JANAKI	Present
24	19U45A0435	SENAPATHI JYOTHI	Present
25	19U45A0436	SIMHADRI MOUNAVI	Present
26	19U45A0439	VADALA GEETHA BHUVANA	Absent

Course Instructor

HOD

Head of the Department
Electronics & Communication Engg
Dadi Institute of Engg. & Tech
Anakapalle 531 002

LIST OF BENEFECIERIES

S No	Roll Number	Name of the Student	STATUS
1.	18U41A0486	BODDEDA REVATHI	PASS
2	18U41A0423	MATHALA MADHAVI	PASS
3	18U41A0424	PAKKI SATYA LASWIK	PASS
4.	18U41A0443	REDDI SRINIVAS	PASS
5	18U41A0447	PANASA JHANSI	PASS
6.	18U41A0457	RAHUL KUMAR	PASS
7.	19U45A0401	ALETI SWAMY	PASS
8.	19U45A0402	ANE LOKESH	PASS
9.	19U45A0407	BUDDHA KEDHAR SAI	PASS
10.	19U45A0408	CHEVVETI LATHA	PASS
11.	19U45A0420	KOBBARI RAJESH	PASS
12.	19U45A0426	M SAI SHANMUKHA SRINADH	PASS
13	19U45A0427	MEDISETTI MANJU	PASS
14	19U45A0429	PADALA YAMINI	PASS
15	19U45A0430	PEDDADA NIHARIKA	PASS
16	19U45A0433	RAMPILLI INDRAJA	PASS
17	19U45A0434	SANAPATI JANAKI	PASS
18	19U45A0435	SENAPATHI JYOTHI	PASS
19	19U45A0436	SIMHADRI MOUNAVI	PASS
20	19U45A0439	VADALA GEETHA BHUVANA	PASS

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech

CLASS : II B.Tech I-Sem., ECE

ACADEMIC YEAR : 2020-2021

COURSE NAME & CODE : SIGNAL & SYSTEMS, R1921043

COURSE INSTRUCTOR : **Mr P JAGAN MOHAN**

Date of Remedial Class : 05-02-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 5/2/21 the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. Find the fourier transform of x(t)=u(2t), where u(t) is the unit step signal.
2. State and prove Parseval's Theorem.
3. State and prove any three properties of fourier series .

List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	19U41A0401	A. DURGA PRASAD	Yes
2	19U41A0416	M.LEELA KUMARI	Yes
3	19U41A0418	P.PRASANNA KUMAR	Yes
4	19U41A0424	P.SRAVANI	Yes
5	20U45A0408	K.S.V.AJAY KIRAN	Yes
6	20U45A0415	P.KHUSAN KUMAR	No
7	20U45A0422	V.SATYANARAYANA	Yes
8	20U45A0426	B.LORITHA	Yes
9	20U45A0427	K.SHANMUKHA	yes

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B Tech
CLASS : II B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : SIGNAL & SYSTEMS, R1921043
COURSE INSTRUCTOR : **Mr P JAGAN MOHAN**
Date of Remedial Class : **08-02-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 8/2/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. Define the following with examples
Energy and Power Signals; Even and Odd Signals; Periodic and Aperiodic Signals; Deterministic and Random Signals.
2. Check whether the following signals are Energy or Power
X(t)= exp(-2t); Y(t)= Cos(2t); P(t)= exp(-3t)-Sin(4t)
3. Define and prove Time shifting property; Convolution in Time property and Differentiation in time property of Fourier Transform

List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	19U41A0401	A. DURGA PRASAD	Yes
2	19U41A0416	M.LEELA KUMARI	Yes
3	19U41A0418	P.PRASANNA KUMAR	Yes
4	19U41A0424	P.SRAVANI	Yes
5	20U45A0408	K.S.V.AJAY KIRAN	Yes
6	20U45A0415	P.KHUSAN KUMAR	yes
7	20U45A0422	V.SATYANARAYANA	Yes
8	20U45A0426	B.LOHITHA	Yes
9	20U45A0427	K.SHANMUKHA	yes

Course Instructor

HOD

Head of the Department
Electronics & Communication Engg.
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Anakapalle - 531 002

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech

CLASS : II B.Tech I-Sem., ECE

ACADEMIC YEAR : 2020-2021

COURSE NAME & CODE : SIGNAL & SYSTEMS, R1921043

COURSE INSTRUCTOR : Mr P JAGAN MOHAN

Date of Remedial Class : 20-02-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 20/2/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. Find the Fourier Transform of impulse,double sided exponential and fourier transform of constant .

2. Explain about Sampling and Sampling theorem .

3. Explain Orthogonality Principle.

List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	19U41A0401	A. DURGA PRASAD	No
2	19U41A0416	M.LEELA KUMARI	Yes
3	19U41A0418	P.PRASANNA KUMAR	Yes
4	19U41A0424	P.SRAVANI	Yes
5	20U45A0408	K.S.V.AJAY KIRAN	Yes
6	20U45A0415	P.KHUSAN KUMAR	yes
7	20U45A0422	V.SATYANARAYANA	Yes
8	20U45A0426	B.LOHITHA	Yes
9	20U45A0427	K.SHANMUKHA	yes

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : II B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : SIGNAL & SYSTEMS, R1921043
COURSE INSTRUCTOR : Mr P JAGAN MOHAN
Date of Remedial Class : 21-02-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 21/2/21 for the students who have got less than 50% Marks in First Mid Examination

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. Define the following functions mathematically and graphically Unit step,unit ramp, parabolic,rectangular,signum,unit impulse .
2. Define any Ten properties of Fourier Transform .
3 What is meant by aliasing and draw the spectrum and explain the three conditions of nyquist rate .

What can be done to eliminate the aliasing effect.

List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	19U41A0401	A. DURGA PRASAD	No
2	19U41A0416	M.LEELA KUMARI	Yes
3	19U41A0418	P.PRASANNA KUMAR	Yes
4	19U41A0424	P.SRAVANI	Yes
5	20U45A0408	K.S.V.AJAY KIRAN	Yes
6	20U45A0415	P.KHUSAN KUMAR	yes
7	20U45A0422	V.SATYANARAYANA	No
8	20U45A0426	B.LOHITHA	Yes
9	20U45A0427	K.SHANMUKHA	yes

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech

CLASS : II B.Tech I-Sem., ECE

ACADEMIC YEAR : 2020-2021

COURSE NAME & CODE : SIGNAL & SYSTEMS, R1921043

COURSE INSTRUCTOR : **Mr P JAGAN MOHAN**

Date of Remedial Class : **22-02-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 22/2/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. Find Fourier Transforms of u(t+2); exp(-2t) u(t); Sin(2t) u(t); sgn(t).

2. Write Trigonometric, Cosine and Exponential Fourier Series Representations. And write Fourier Transform of Basic signal .

3. Prove that Sin2t, Cos3t & Cost, Cos4t are orthogonal over a time period

List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	19U41A0401	A. DURGA PRASAD	No
2	19U41A0416	M LEELA KUMARI	Yes
3	19U41A0418	P.PRASANNA KUMAR	Yes
4	19U41A0424	P.SRAVANI	Yes
5	20U45A0408	K.S.V.AJAY KIRAN	Yes
6	20U45A0415	P.KHUSAN KUMAR	Yes
7	20U45A0422	V.SATYANARAYANA	Yes
8	20U45A0426	B.LOHITHA	Yes
9	20U45A0427	K.SHANMUKHA	No

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech

CLASS : II B.Tech I-Sem., ECE

ACADEMIC YEAR : 2020-2021

COURSE NAME & CODE : SIGNAL & SYSTEMS, R1921043

COURSE INSTRUCTOR : **Mr P JAGAN MOHAN**

Date of Remedial Class : **24-02-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Questions given in Previous JNTU Kakinada were discussed.

1. X(t)= 1 for -1<t<1, x(t)=0 ,otherwise, find x(2t), x(-2+t),x(t+1).u(t), x(t+1) ,x(t).s(t).
2. Explain about Ideal, Natural and Flat-Top Sampling techniques.
3. Find the nyquist rate and nyquist interval of the following functions x(t)=(sin400Πt)/Πt ,x(t)= $sinc^2$100Πt +$sinc^2$60Πt, x(t)= sin40Πt.sin 300Πt.

List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	19U41A0401	A. DURGA PRASAD	Yes
2	19U41A0416	M.LEELA KUMARI	Yes
3	19U41A0418	P.PRASANNA KUMAR	Yes
4	19U41A0424	P.SRAVANI	Yes
5	20U45A0408	K.S.V.AJAY KIRAN	Yes
6	20U45A0415	P.KHUSAN KUMAR	Yes
7	20U45A0422	V.SATYANARAYANA	Yes
8	20U45A0426	B.LOHITHA	Yes
9	20U45A0427	K.SHANMUKHA	Yes

Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : II B.Tech I-Sem , ECE
ACADEMIC YEAR : 2020-21
COURSE NAME & CODE : **Electronics Devices and Circuits(R1921041)**
COURSE INSTRUCTOR : Mrs ARCHANA B.T
Date of Remedial Class : **01-02-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 1/2/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Derive the expression for Concentration of Hole and Electron in an intrinsic semiconductor and also prove the Fermi level position in intrinsic semiconductor
2. Sketch the conduction and valence bands before and after diffusion of carriers in a PN junction
3. What is UJT and draw the Construction, operation of a UJT along with its characteristics

List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0405	Boddeda Chandra Sekhar	Present
2	19U41A0410	Kanri Hanurathan	Present
3	19U41A0411	Kummari Ashok	Present
4	19U41A0418	Pakkurthi Prasanna Kumar	Absent
5	19U41A0437	Konathala Swaroop	Present
6	19U41A0438	Singampalli Bharathi	Absent
7	20U45A0407	Jetti Padma Priya	Present
8	20U45A0412	Mantri Usha Rani	Absent

Archana
Course Instructor

HOD

Beneficiaries:

S.NO	Register No:	Student Name	STATUS
1	17U41A0408	C. SRITHA RAMALAKSHMI	PASS
2	17U41A0436	MURUKURTI ASHOK	PASS
3	17U41A0438	KADAVALA MADHURI	PASS
4	17U41A0455	SIRISOLLA SAIRAM	PASS
5	17U41A0471	CH. CHETAN SATYA	PASS
6	18U45A0425	PEELA UDAY KUMAR	PASS

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : II B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-21
COURSE NAME & CODE : **Electronics Devices and Circuits(R1921041)**
COURSE INSTRUCTOR : Mrs ARCHANA B.T
Date of Remedial Class : **21-02-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 21/2/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. In a p-type semiconductor, the Fermi level lies 0.3 eV above the valance band at a room temperature of 300 0K. Determine the new position of Fermi level for a temperature of (i) 350 0K and (ii) 400 0K.
   Draw the Common emitter amplifier with Emitter resistor and explain its operation.
2. Draw the energy band diagram of a p-n junction under open circuit condition and derive the expression fc contact potential.
3. Explain about p-type and n-type semiconductors.

List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0405	Boddeda Chandra Sekhar	Present
2	19U41A0410	Karri Hanurathan	Present
3	19U41A0411	Kummari Ashok	Present
4	19U41A0418	Pakkurthi Prasanna Kumar	Absent
5	19U41A0437	Konathala Swaroop	Present
6	19U41A0438	Singampalli Bharathi	Absent
7	20U45A0407	Jetri Padma Priya	Present
8	20U45A0412	Mantri Usha Rani	Absent

Course Instructor

HOD

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : II B Tech I-Sem , ECE
ACADEMIC YEAR : 2020-21
COURSE NAME & CODE : **Electronics Devices and Circuits(R1921041)**
COURSE INSTRUCTOR : Mrs ARCHANA B.T
Date of Remedial Class : 20-02-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on ఆది for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. An NPN transistor if β=50 is used in common emitter circuit with Vcc=10V and Rc=2kΩ. The bias is obtained by connecting 100kΩ resistor from collector to base. Find the quiescent point and stability factor.
2. Draw the Common emitter amplifier with Emitter resistor and explain its operation.

List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0405	Boddeda Chandra Sekhar	Present
2	19U41A0410	Kem Hanurathan	Present
3	19U41A0411	Kummari Ashok	Present
4	19U41A0418	Pakkurthi Prasanna Kumar	Absent
5	19U41A0437	Konathala Swaroop	Present
6	19U41A0438	Singampalli Bharathi	Absent
7	20U45A0407	Jetti Padma Priya	Present
8	20U45A0412	Mantri Usha Rani	Absent

Archana
Course Instructor

HOD

Head of the Department
Electronics & Communication Engg.
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : II B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-21
COURSE NAME & CODE : **Electronics Devices and Circuits(R1921041)**
COURSE INSTRUCTOR : Mrs ARCHANA B.T
Date of Remedial Class : 08-02-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. A Germanium transistor used in a complementary symmetry amplifier has ICBO=10μA at 27oC and hFE=50. (i) Find Ic when Ib=0.25mA (ii) assuming hFE does not increase with temperature Find the value of new collector current, if the transistor temperature rises to 50oC
2. List out Few comparisons of CB ,CE and CC configurations with examples.
3. Draw and explain the ripple factor of full-wave rectifier with shunt capacitor filter in detail.

List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0405	Boddeda Chandra Sekhar	Present
2	19U41A0410	Karri Hamurathan	Present
3	19U41A0411	Kummari Ashok	Present
4	19U41A0418	Pakkurthi Prasanna Kumar	Absent
5	19U41A0437	Konathala Swaroop	Present
6	19U41A0438	Singampalli Bharathi	Absent
7	20U45A0407	Jetti Padma Priya	Present
8	20U45A0412	Mantri Usha Rani	Absent

Archana
Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : II B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-21
COURSE NAME & CODE : Electronics Devices and Circuits(R1921041)
COURSE INSTRUCTOR : Mrs ARCHANA B.T
Date of Remedial Class : 05-02-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Explain the following diodes in detail. (i)Photo diode (ii) Varactor diode
2. Define the following terms in detail (i)ripple factor (ii)peak Inverse voltage. (iii)efficiency (iv)transformer utilization factor (v)form factor (vi)peak factor
3. Draw and explain the ripple factor of full-wave rectifier with shunt capacitor filter in detail.

List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0405	Boddeda Chandra Sekhar	Present
2	19U41A0410	Kami Hanurathan	Present
3	19U41A0411	Kumuari Ashok	Present
4	19U41A0418	Pakkurthi Prasanna Kumar	Absent
5	19U41A0437	Konathala Swaroop	Present
6	19U41A0438	Singampalli Bharathi	Absent
7	20U45A0407	Jetti Padma Priya	Present
8	20U45A0412	Mantri Usha Rani	Absent

Course Instructor

Associate Professor
Electronics & Communication Engg.
Dadi Institute of Engg. & Tech.
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech
CLASS : II B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-21
COURSE NAME & CODE : **Electronics Devices and Circuits(R1921041)**
COURSE INSTRUCTOR : Mrs ARCHANA B.T
Date of Remedial Class : **24-02-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 24/2/21 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. What is meant by ripple factor and derive the expression for HWR..
2. What is meant by transistor biasing? Why it is needed? Explain. [ii]Define thermal runaway and thermal stability
3. Derive the expressions for current gain, input resistance, voltage gain and output resistance of a common emitter amplifier with an emitter resistance.

List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0405	Boddeda Chandra Sekhar	Present
2	19U41A0410	Karri Hanurathan	Present
3	19U41A0411	Kummari Ashok	Present
4	19U41A0418	Pakkurthi Prasanna Kumar	Absent
5	19U41A0437	Konathala Swaroop	Present
6	19U41A0438	Singampalli Bharathi	Absent
7	20U45A0407	Jetti Padma Priya	Present
8	20U45A0412	Mantri Usha Rani	Absent

Archana
Course Instructor

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes Information

PROGRAM : B.Tech
CLASS : II B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-21
COURSE NAME & CODE : **Electronics Devices and Circuits(R1921041)**
COURSE INSTRUCTOR : Mrs ARCHANA B.T
Date of Remedial Class : **22-02-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 22/2 for the students who have got less than 50% Marks in First Mid Examination.

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. Draw the energy band diagram of a p-n junction under open circuit condition and derive the expression for contact potential.
2. The voltage across a silicon diode at room temperature is 0.7 V when 2 mA current flows through it. If the voltage increases to 0.75 V, calculate the diode current. Assume VT = 26 mV.
3. Draw the circuit diagram of Half-wave rectifier and derive the expressions for average value, R.M.S value and voltage drop across diode.

List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0405	Boddeda Chandra Sekhar	Present
2	19U41A0410	Kam Hanurathan	Present
3	19U41A0411	Kunmari Ashok	Present
4	19U41A0418	Pakkurthi Prasanna Kumar	Absent
5	19U41A0437	Konathala Swaroop	Present
6	19U41A0438	Singampalli Bharathi	Absent
7	20U45A0407	Jetti Padma Priya	Present
8	20U45A0412	Mantri Usha Rani	Absent

Course Instructor

HOD

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Remedial Classes information

PROGRAM : B.Tech

CLASS : II B.Tech I-Sem., ECE

ACADEMIC YEAR : 2020-2021

COURSE NAME & CODE : SIGNAL &SYSTEMS,R1921043

COURSE INSTRUCTOR : **Mr P JAGAN MOHAN**

Date of Remedial Class : **01-02-2021**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 01 Feb for the students who have got less than 50% Marks in First Mid Examination. **Topics Covered: Questions** given in Previous JNTU Kakinada were discussed.

1.Define and Sketch the following Signals ,signum Function,impulse function,Unit step Function.

2.Define fourier Transform,explain the properties of fourier transform. .

3.State and prove sampling theorem for band limited signals. .

List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Present yes/no
1	19U41A0401	A. DURGA PRASAD	Yes
2	19U41A0416	M.LEELA KUMARI	Yes
3	19U41A0418	P.P KUMAR	Yes
4	19U41A0424	P.SRAVANI	Yes
5	20U45A0408	K.S.V.AJAY KIRAN	Yes
6	20U45A0415	P.KHUSAN KUMAR	No
7	20U45A0422	V.SATYANARAYANA	Yes
8	20U45A0426	B.LOHITHA	Yes
9	20U45A0427	K.SHANMUKHA	Yes

Course Instructor

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1	19U41A0418	Pakkurthi Prasanna Kumar	PASS
2	19U41A0437	Konathala Swaroop	PASS
3	19U41A0438	Singampalli Bharathi	PASS
4	20U45A0407	Jetti Padma Priya	PASS