



# DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E & Permanently Affiliated to JNTUK)

Recognised u/s 2(f) & 12 (b) of UGC Act NAAC Accredited Institute

National Highway-16, Anakapalle, Visakhapatnam-531002, A.P.

Phone: 9963981111, E-Mail: [info@diet.edu.in](mailto:info@diet.edu.in), Web: [www.diet.edu.in](http://www.diet.edu.in)

## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

### Remedial Classes information

<b>PROGRAM</b>	: B.Tech
<b>CLASS</b>	: I B.Tech I-Sem., CIVIL
<b>ACADEMIC YEAR</b>	: 2020-2021
<b>COURSE NAME &amp; CODE</b>	: MATHEMATICS-I
<b>COURSE INSTRUCTOR</b>	: Y. SOMESWARA RAO

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 25-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### Topics Covered:

- 1) Exact Differential Equations
- 2) Non- Exact Differential Equations
- 3) Linear Differential Equations
- 4) Bernoullis Differential Equations
- 5) Newtons law of cooling

#### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	25.03.2021	01.04.2021	08.04.2021	15.04.2021	22.04.2021
1	20U41A0110	K. MATYA RAJU	P	P	P	P	P



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## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., CSE-CSD  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : ENGLISH  
**COURSE INSTRUCTOR** :  
P.V.MURALI

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 10-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### Topics Covered:

Topic 1: Paraphrasing

Topic 2: Paragraph

Writing Topic 3: Letter

Writing

Topic 4: Revision of Unit I 'A Drawer full of Happiness'

Topic 5: Revision of Unit II 'Nehru's Letter to Daughter Indira on her Birthday'

#### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	25-3-21	1-4-21	8-4-21	15-4-21	22-4-21
1	20U41A4423	B. SAI SARATH	P	P	P	P	P
2	20U41A4429	P. SAI KUMAR	P	P	P	P	P
3	20U41A4441	K.V. SAI CHARAN	P	P	P	P	P



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## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., CSE-CSD  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : MATHEMATICS-I  
**COURSE INSTRUCTOR** : Dr. V.V.S.RAMACHANDRAM

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 25-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

### Topics Covered:

- 1) Exact Differential Equations
- 2) Non- Exact Differential Equations
- 3) Linear Differential Equations
- 4) Bernoulli's Differential Equations
- 5) Newtons law of cooling

### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	25.03.2021	01.04.2021	08.04.2021	15.04.2021	22.04.2021
1	20U41A4423	BADHA SAI SARATH	P	P	P	P	P
2	20U41A4429	P. SAI KUMAR	P	P	P	P	P
3	20U41A4439	MAMIDI CHANDANA	P	P	P	P	P
4	20U41A4441	K.V.SAI CHARAN	P	P	P	P	P



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## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

### Remedial Classes information

<b>PROGRAM</b>	: B.Tech
<b>CLASS</b>	: I B.Tech I-Sem., CSE-CSD
<b>ACADEMIC YEAR</b>	: 2020-2021
<b>COURSE NAME &amp; CODE</b>	: AC
<b>COURSE INSTRUCTOR</b>	: D.SWAPNA

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 10-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

### Topics Covered:

1. Polymerisation
2. Bio degradable polymers
3. Cracking of petrol
4. Refining of petrol
5. Theories of corrosion

### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	26-3-21	9-4-21	16-4-21	23-4-21
1	20U41A4407	SIGATAPU UDAY KIRAN	P	P	P	P
2	20U41A4411	URIKITI YERRAJI PAVAN	P	P	P	P
3	20U41A4418	NEELAPU BALAJI YASODYA RAMKRISHNAREDDY	P	P	A	P
4	20U41A4423	BADHA SAI SARATH	P	A	P	P
5	20U41A4426	PALLA SASIDHAR	P	P	P	P
6	20U41A4427	GONNABATHULA SHANMUKHANAIDU	P	P	P	P
7	20U41A4428	KELLAKA HEMANTH NAGA SAIRAJU	P	A	P	P
8	20U41A4429	PENTAKOTA SAI KUMAR	P	P	P	P
9	20U41A4430	ADARI YASASWINI	P	P	P	P
10	20U41A4431	SAYEEDA FATHIMA	P	P	P	P
11	20U41A4432	PULAVARTHI NAGA SANTOSHMANIKANTA KUMAR	P	P	P	P
12	20U41A4434	MANTHRI SHIVA BHASKAR	P	P	A	P
13	20U41A4435	ATHIKAMISSETTI JAIRAM	P	P	P	P
14	20U41A4436	MYCHARLA ASHRIT	P	P	P	P
15	20U41A4437	SENAPATHI MOHAN VAMSI	P	P	P	P
16	20U41A4438	BHARGULA JAYASURYA	P	P	P	P
17	20U41A4439	MAMIDI CHANDANA	P	P	P	P
18	20U41A4440	JANAPAREDDY SAI NAGA ASRITHA	P	P	P	P
19	20U41A4441	KOTAGIRI VENKATA SAI CHARAN	P	P	A	P

20	20U41A4442	ALLA TEJA VARAPRASAD	A	P	P	P
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## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., CSE-A  
**ACADEMIC YEAR** : 2020-2021.  
**COURSE NAME & CODE** : ENGLISH  
**COURSE INSTRUCTOR** : S.  
VANAJA

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 10-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### Topics Covered:

Topic 1: Paraphrasing

Topic 2: Dialogue Writing/ Role Play

Topic 3: Letter Writing

Topic 4: Revision of Unit I 'A Drawer full of Happiness'

Topic 5: Revision of Unit II 'Nehru's Letter to Daughter Indira on her Birthday'

#### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	25-3-21	1-4-21	8-4-21	15-4-21	22-4-21
1	20U41A0555	M.MANIKANTA	P	P	P	P	P



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### DEPARTMENT OF BASIC SCIENCE & HUMANITIES Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., CSE-A  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : MATHEMATICS-I  
**COURSE INSTRUCTOR** : Dr. K.UMA KAMESWARI

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 22-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### Topics Covered:

- 1) Exact Differential Equations
- 2) Non- Exact Differential Equations
- 3) Newtons law of cooling
- 4) Variation parameters
- 5) Find particular integral methods

#### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	25.03.2021	01.04.2021	08.04.2021	15.04.2021	22.04.2021
1	20U41A0509	P.VENKATA ABHILASH	P	P	P	P	P
2	20U41A0512	G. NAVYA SATYA SAI SRI LAKSHMI	P	P	P	P	P
3	20U41A0518	B. LIKHITHA	P	P	P	P	P
4	20U41A0537	A. MAHITHA SRIVARSHINI	P	P	P	P	P
5	20U41A0540	A.VENKATARAMAN A	P	P	P	P	P
6	20U41A0544	B. BHARGAVI	P	P	P	P	P
7	20U41A0545	B.TEJASWINI	P	P	P	P	P
8	20U41A0547	K. SANTHOSH	P	P	P	P	P
9	20U41A0550	Y. SAI MANOJ	P	P	P	P	P



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### DEPARTMENT OF BASIC SCIENCE & HUMANITIES Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., CSE-A  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : AP  
**COURSE INSTRUCTOR** : T.R.K.PYDI RAJU

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 10-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### Topics Covered:

- 1) Interference
- 2) Lasers and its applications
- 3) Schrodinger equation
- 4) Nicol prism and its applications
- 5) Super conductivity

#### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	24-3-2020	31-3-2020	6-4-2020
1	20U41A0509	P.VENKATA ABHILASH	P	P	P
2	20U41A0536	P. AJAY SATYA SAI PAVAN	P	P	P
3	20U41A0555	M.MANIKANTA	P	P	P





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### DEPARTMENT OF BASIC SCIENCE & HUMANITIES

#### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., CSE-B  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : ENGLISH  
**COURSE INSTRUCTOR** :  
P.V.MURALI

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 22-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### Topics Covered:

Topic 1: Paraphrasing

Topic 2: Paragraph

Writing Topic 3: Letter

Writing

Topic 4: Revision of Unit I 'A Drawer full of Happiness'

Topic 5: Revision of Unit II 'Nehru's Letter to Daughter Indira on her Birthday'

#### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	25-3-21	1-4-21	8-4-21	15-4-21	22-4-21
1	20U41A0557	R. KIRAN KUMAR	P	P	P	P	P
2	20U41A0560	K.TEJA	P	P	P	P	P
3	20U41A0568	A. JAHANAVI	P	P	P	P	P
4	20U41A05A2	P. VENKATESWAR RAO	P	P	P	P	P



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## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., CSE-B  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : MATHEMATICS-I  
**COURSE INSTRUCTOR** : Dr.Ch.PRABHAKARA RAO

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 22-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### Topics Covered:

- 1) Exact Differential Equations
- 2) Non- Exact Differential Equations
- 3) Newtons law of cooling
- 4) Variation parameters
- 5) Find particular integral methods

#### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	25.03.2021	01.04.2021	08.04.2021	15.04.2021	22.04.2021
1	20U41A0557	R. KIRAN KUMAR	P	P	P	P	P
2	20U41A05A 2	P.VENKATESW ARRAO	P	P	P	P	P
3	20U41A05A 3	G. NAVEEN KUMAR	P	P	P	P	P
4	20U41A05A 8	S.VENKA TA TEJASWI NI	P	P	P	P	P
5	20U41A05A 9	R. DURGA PRASAD	P	P	P	P	P



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## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

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**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., CSE-B  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : AP  
**COURSE INSTRUCTOR** : K.SOMASEKHAR

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 22-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### Topics Covered:

- 1) Interference
- 2) Lasers and its applications
- 3) Schrodinger equation
- 4) Nicol prism and its applications
- 5) Super conductivity

#### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	24-3-2020	31-3-2020	6-4-2020
1	20U41A0557	R. KIRAN KUMAR	P	P	A
2	20U41A0558	K. SUMANTH	P	P	P
3	20U41A0560	K. TEJA	A	P	P
4	20U41A0567	K. LALITH KUMAR	P	P	A
5	20U41A0568	A. JAHANAVI	P	P	P
6	20U41A0587	V. SATYA PRATYUSHA	P	P	P
7	20U41A0594	TUSHAR HIRAWATH	P	P	P
8	20U41A0597	ERLA PREM KUMAR	P	A	P
9	20U41A05A2	P. VENKATESWAR RAO	P	A	P
10	20U41A05A3	G. NAVEEN KUMAR	P	P	P
11	20U41A05A9	R. DURGA PRASAD	P	P	P



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### **DEPARTMENT OF BASIC SCIENCE & HUMANITIES**

#### **Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., CSE-C  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : ENGLISH  
**COURSE INSTRUCTOR** :  
K.SUNITA

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 10-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### **Topics Covered:**

Topic 1: Paragraph Writing

Topic 2: Skimming and

Scanning

Topic 3: Letter

Writing

Topic 4: Revision of Unit I 'A Drawer full of Happiness'

Topic 5: Revision of Unit II 'Nehru's Letter to Daughter Indira on her Birthday'

#### **List of students for the Remedial Class**

S.No	Student Roll Number	Name of the Student	25-3-21	1-4-21	8-4-21	15-4-21	22-4-21
1	20U41A05C4	D. CHANDINI	P	P	P	P	P
2	20U41A05D3	SHAIK LAHIDD	P	P	A	A	P



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### **DEPARTMENT OF BASIC SCIENCE & HUMANITIES** **Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., CSE-C  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : MATHEMATICS-I  
**COURSE INSTRUCTOR** : Dr. V.V.S.RAMACHANDRAM

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 22-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### **Topics Covered:**

- 1) Exact Differential Equations
- 2) Non- Exact Differential Equations
- 3) Linear Differential Equations
- 4) Bernoullis Differential Equations
- 5) Variation parameters

#### **List of students for the Remedial Class**

S.No	Student Roll Number	Name of the Student	25.03.2021	01.04.2021	08.04.2021	15.04.2021	22.04.2021
1	20U41A05C4	DEVATA CHANDINI	P	A	A	P	P
2	20U41A05C5	PAVADA NAGA CHANDRA SEKHAR	P	P	P	P	P
3	20U41A05D3	SHAIK LAHIDD	A	P	A	P	P
4	20U41A05D5	GANDEPALLI SANDEEP	P	P	P	P	P



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## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

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**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., CSE-C  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : AP  
**COURSE INSTRUCTOR** : DR.G.GANAPATHI/K.SOMASEKHAR

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 22-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### Topics Covered:

- 1) Interference
- 2) Lasers and its applications
- 3) Schrodinger equation
- 4) Nicol prism and its applications
- 5) Super conductivity

#### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	24-3-2020	31-3-2020	6-4-2020
1	20U41A05B0	CHOWDARYSRIDHAR	P	A	P
2	20U41A05B3	BOLLUMADHURYA	P	P	P
3	20U41A05D3	SHAIKLAHIDD	A	P	P
			P	P	P



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## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., CSE-CSM  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : ENGLISH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 22-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

### Topics Covered:

Topic 1: Paraphrasing

Topic 2: Paragraph

Writing Topic 3: Letter

Writing

Topic 4: Revision of Unit I 'A Drawer full of Happiness'

Topic 5: Revision of Unit II 'Nehru's Letter to Daughter Indira on her Birthday'

### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	22.03.2021	01.04.2021	08.04.2021	15.04.2021
1	20U41A4224	A. SATYA TANYA	P	P	P	P
2	20U41A4237	S. PRASANTH REDDY	P	P	P	P
3	20U41A4238	DODDI BHARATH	P	P	P	P
4	20U41A4242	KARANA M NARESH	P	P	P	P
5	20U41A4243	KONATHALA SUMAN	P	P	P	P
6	20U41A4244	S. VENKATA SAI	P	P	P	P



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## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

### Remedial Classes information

<b>PROGRAM</b>	: B.Tech
<b>CLASS</b>	: I B.Tech I-Sem., CSE-CSM
<b>ACADEMIC YEAR</b>	: 2020-2021
<b>COURSE NAME &amp; CODE</b>	: MATHEMATICS-I
<b>COURSE INSTRUCTOR</b>	: Dr. K.UMA KAMESWARI

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:

- 1) Exact Differential Equations
- 2) Non- Exact Differential Equations
- 3) Linear Differential Equations
- 4) Bernoulli's Differential Equations
- 5) Find particular integral methods

### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	25.03.2021	01.04.2021	08.04.2021	15.04.2021	22.04.2021
1	20U41A4214	B. GUNA SEKHAR	P	A	A	P	P
2	20U41A4217	G. MANOJRATAN	P	P	P	P	P
3	20U41A4219	CH. SRI SAIGNANA DEEPAK	P	P	A	P	P
4	20U41A4205	G. JYOTHI SREE SATYA	P	P	P	P	P
5	20U41A4223	S. SRINIVASU	P	P	A	P	P
6	20U41A4231	M.SUJITHVARMA	P	P	P	P	P
7	20U41A4237	S. PRASANTH REDDY	A	P	A	P	P
8	20U41A4238	DODDI BHARATH	P	P	P	P	P
9	20U41A4240	U. MOHANSAI	P	A	A	P	P
10	20U41A4241	A. SAJEEVVARMA	P	P	P	P	P
11	20U41A4242	K. NARESH	A	P	A	P	P
12	20U41A4243	K. SUMAN	P	P	P	P	P
13	20U41A4244	S. VENKATA SAI	P	P	P	P	P





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## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., CSE-CSM  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : AC  
**COURSE INSTRUCTOR** :  
**D.SWAPNA**

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 10-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### Topics Covered:

1. Polymerisation
2. Bio degradable polymers
3. Hydrogen electrode & calomel electrode
4. Semi-Conductors
5. Photo voltaic cell & OTEC

#### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	26-3-21	9-4-21	16-4-21	23-4-21
1	20U41A4202	MARADANA INDU	P	A	A	P
2	20U41A4204	MAJJI SWAROOPA	P	P	P	P
3	20U41A4214	B. GUNA SEKHAR	P	P	A	P
4	20U41A4216	D. EVANS DAVID	P	P	P	P
5	20U41A4217	G. MANOJ RATAN	P	P	A	P
6	20U41A4219	CH.SRI SAI GNANA DEEPAK	P	P	P	P
7	20U41A4223	S.SRINIVASU	A	P	A	P
8	20U41A4225	P.LEELA NOOKA RAMSAGAR	P	P	P	P
9	20U41A4227	M. MOUNIKA PRATHYUSHA	P	A	A	P
10	20U41A4229	P. RAVIKIRAN REDDY	P	A	A	P
11	20U41A4231	M. SUJITH VARMA	P	P	P	P
12	20U41A4232	KILLI MOHAN KUMAR	P	P	A	P
13	20U41A4233	KILLI SRIKANTH	P	P	P	P
14	20U41A4236	K.V.N.DURGA SAKIRAN	P	P	A	P
15	20U41A4237	S. PRASANTH REDDY	P	P	P	P

16	20U41A4238	DODDI BHARATH	A	P	A	P
17	20U41A4239	KARRI SREEJA	P	P	P	P
18	20U41A4240	UGGINA MOHAN SAI	P	A	A	P
19	20U41A4241	ARYAN SAJEEV VARMA	A	P	A	P
20	20U41A4242	KARANAM NARESH	P	P	P	P
21	20U41A4243	KONATHALA SUMAN	P	A	A	P
22	20U41A4244	S.VENKATA SAI	P	P	P	P



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## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., ECE-A  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : ENGLISH  
**COURSE INSTRUCTOR** :  
S.PANIGRAHI

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 10-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### Topics Covered:

- Topic 1: Paraphrasing
- Topic 2: Paragraph Writing
- Topic 3: Dialogue Writing/ Role Play
- Topic 4: Skimming and Scanning
- Topic 5: Letter Writing

#### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	25-3-21	1-4-21	8-4-21	15-4-21	22-4-21
1	20U41A0423	G. SUNIL KUMAR	P	P	P	P	P
2	20U41A0434	K. AJITH KUMAR	P	P	P	P	P
3	20U41A0450	N. SAI KUMAR GOUD	P	P	P	P	P



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### DEPARTMENT OF BASIC SCIENCE & HUMANITIES

#### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., ECE-A  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : MATHEMATICS-I  
**COURSE INSTRUCTOR** : Dr.Ch.Prabhakara Rao

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 10-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### Topics Covered:

- 1) Linear Differential Equations
- 2) Bernoullis Differential Equations
- 3) Newtons law of cooling
- 4) Variation parameters
- 5) Find particular integral methods.

#### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	25.03.2021	01.04.2021	08.04.2021	15.04.2021	22.04.2021
1	20U41A0434	K. AJITH KUMAR	P	P	P	P	P



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## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., ECE-A  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : AC  
**COURSE INSTRUCTOR** : Dr.K.MADHAVI

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 10-03-2020 for the students who have got less than 50% Marks in First Mid Examination..

### Topics Covered:

1. Polymerisation
2. Bio degradable polymers
3. Cracking of petrol
4. Refining of petrol
5. Theories of corrosion

### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	26-3-21	9-4-21	16-4-21	23-4-21
1	20U41A0410	V LOKESH	P	P	P	P
2	20U41A0412	V ROHITH	P	P	P	P
3	20U41A0414	K SHYAM SAMPATH KUMAR	P	P	P	P
4	20U41A0418	T RAMA GANESH	P	P	P	P
5	20U41A0423	G SUNIL KUMAR	P	P	P	P
6	20U41A0425	BBHANU LOKESH	P	P	P	P
7	20U41A0426	M.NAVEENA	P	P	P	P
8	20U41A0427	APRUDHVI	P	P	P	P
9	20U41A0428	N PRAVEEN KUMAR	P	P	P	P
10	20U41A0429	A SAI TEJA	P	P	P	P
11	20U41A0430	M MOUNIKA	P	P	P	P
12	20U41A0432	V. BALAJI	P	P	P	P
13	20U41A0433	A. DINESH RAJ	P	P	P	P
14	20U41A0434	KAJITH KUMAR	P	P	P	P
15	20U41A0436	PIMURARI	P	P	P	P
16	20U41A0438	P DEEPAK	P	P	P	P
17	20U41A0439	T VINAY	P	P	P	P
18	20U41A0440	P ROHIT	P	P	P	P
19	20U41A0441	B NANI AVINASH RATNA	P	P	P	P
20	20U41A0443	M SAIMANIKANTA	P	P	P	P
21	20U41A0445	B KUSUMA	P	P	P	P
22	20U41A0446	K SHIVA NAGA SAI ABHISHEK	P	P	P	P
23	20U41A0447	K MANOJ BABU	P	P	P	P
24	20U41A0448	S.LEELADHAR	P	P	P	P
25	20U41A0449	P. SIVA DURGA MANI TEJA	P	P	P	P
26	20U41A0450	NANDANA SAI KUMAR GOUD	P	P	P	P



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## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., ECE-B  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : ENGLISH  
**COURSE INSTRUCTOR** : S.  
VANAJA

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 10-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### Topics Covered:

1. Dialogue Writing/ Role Play
2. Skimming and Scanning
3. Letter Writing
4. Revision of Unit I 'A Drawer full of Happiness'
5. Revision of Unit II 'Nehru's Letter to Daughter Indira on her Birthday'

#### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	25-3-21	1-4-21	8-4-21	15-4-21	22-4-21
1	20U41A0465	G.POORNACHANDRA	P	P	P	P	P



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## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., ECE-B  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : MATHEMATICS-I  
**COURSE INSTRUCTOR** : Dr.Ch.Prabhakara Rao

Class has been scheduled from 10-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### Topics Covered:

- 1) Non- Exact Differential Equations
- 2) Linear Differential Equations
- 3) Bernoullis Differential Equations
- 4) Newtons law of cooling
- 5) Variation parameters

#### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	25.03 .2021	01.04 .2021	08.04 .2021	15.04 .2021	22.04. 2021
1	20U41A0456	B. MOHAN KIRAN	P	P	P	P	P
2	20U41A0459	B. JYOTSNA	P	P	P	P	P
3	20U41A0460	K. LIKHITH	P	P	P	P	P
4	20U41A0465	G. POORNA CHANDRA	P	P	P	P	P
5	20U41A0466	V. MANIKISHOR	P	P	P	P	P
6	20U41A0467	J. SESHASAI MONIKA	P	P	P	P	P
7	20U41A0468	K.NIKIL	P	P	P	P	P
8	20U41A0470	B. JYOTSNA	P	P	P	P	P
9	20U41A0471	Ch. KIRANKUMAR	P	P	P	P	P



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## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., ECE-B  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : AC  
**COURSE INSTRUCTOR** : P.MADHURI

Remedial classes have been scheduled from 10-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

### Topics Covered:

- 1) Refining of petrol
- 2) Theories of corrosion
- 3) Hydrogen electrode & calomel electrode
- 4) Semi-Conductors
- 5) Photo voltaic cell & OTEC

### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	26-3-21	9-4-21	16-4-21	23-4-21
1	20U41A0452	L. VEERENDRA SAI	P			
2	20U41A0453	T. RAMYA	P	P	P	P
3	20U41A0455	P. V. SATYANARAYANA REDDY	P	P	P	P
4	20U41A0456	B. MOHAN KIRAN	P	P	P	P
5	20U41A0457	MD HASSAIN AKRAM	P	P	P	P
6	20U41A0460	K. LIKHITH	P	P	P	P
7	20U41A0462	K. SAI ESWAR	P	P	A	P
8	20U41A0463	M. VAMSI	P	P	P	P
9	20U41A0464	KOTAPADU SRINU	P	P	P	P
10	20U41A0465	G. POORNA CHANDRA	P	P	P	P
11	20U41A0466	VEGI MANI KISHOR	P	P	P	P
12	20U41A0467	J. SAI MONIKA	P	P	P	P
13	20U41A0468	KOIDALA NIKIL	P	P	P	P
14	20U41A0470	BUDDHA JYOTSNA	A	P	P	P
15	20U41A0471	C. KIRAN KUMAR	P	P	P	P
16	20U41A0472	M. PRANUSHA	P	P	A	P
17	20U41A0474	B. SYAMJAYMADHAV	P	P	P	P





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## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., EEE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : ENGLISH  
**COURSE INSTRUCTOR** :  
S.PANIGRAHI

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 10-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### Topics Covered:

- 1) Paragraph Writing
- 2) Dialogue Writing/ Role Play
- 3) Skimming and Scanning
- 4) Letter Writing
- 5) Revision of Unit

#### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	25-3-21	1-4-21	8-4-21	15-4-21	22-4-21
1	20U41A0204	M. ASHISH ISSAC	P	P	P	P	P
2	20U41A0208	G.VISWESWARA RAO	P	P	P	P	P
3	20U41A0212	K.VENKATESH	P	P	A	P	P
4	20U41A0216	S.SRINIVAS	P	P	P	P	P
5	20U41A0217	N.SIVAGANESH	P	P	P	P	P



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### DEPARTMENT OF BASIC SCIENCE & HUMANITIES

#### Remedial Classes information

<b>PROGRAM</b>	: B.Tech
<b>CLASS</b>	: I B.Tech I-Sem., EEE
<b>ACADEMIC YEAR</b>	: 2020-2021
<b>COURSE NAME &amp; CODE</b>	: MATHEMATICS-I
<b>COURSE INSTRUCTOR</b>	: Y.SOMESWARA RAO

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 10-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

#### Topics Covered:

- 1) Exact Differential Equations
- 2) Non- Exact Differential Equations
- 3) Linear Differential Equations
- 4) Variation parameters
- 5) Find particular integral methods

#### List of students for the Remedial Class

S.No	Student Roll Number	Name of the Student	25.03.2021	01.04.2021	08.04.2021	15.04.2021	22.04.2021
1	20U41A0204	M. ASHISH ISSAC	P	P	P	P	P
2	20U41A0212	K.VENKATESH	P	P	P	P	P
3	20U41A0216	S.SRINIVAS	P	P	P	P	P
4	20U41A0217	N.SIVAGANESH	P	P	P	P	P



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## DEPARTMENT OF BASIC SCIENCE & HUMANITIES

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : I B.Tech I-Sem., EEE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** :  
**MATHEMATICS-II COURSE INSTRUCTOR**  
: B.CH.K.

PREETHI

Based on the Mid Marks Analysis, a Remedial Class has been scheduled from 10-03-2020 for the students who have got less than 50% Marks in First Mid Examination.

### Topics Covered:

1. Find the rank of the matrix

$$\begin{bmatrix} 1 & -2 & 0 & 1 \\ 2 & -1 & 1 & 0 \\ 3 & -3 & 1 & 1 \\ -1 & -1 & -1 & 1 \end{bmatrix}$$

2. Reduce the matrix A to normal form & find the rank of the matrix

$$\begin{bmatrix} 2 & 1 & 3 & 4 \\ 0 & 3 & 4 & 1 \\ 2 & 3 & 7 & 5 \\ 2 & 5 & 11 & 6 \end{bmatrix}$$

3. Find the eigen values & eigen vectors of

$$\begin{bmatrix} 8 & -6 & 2 \\ -6 & 7 & -4 \\ 2 & -4 & 3 \end{bmatrix}$$

4. Verify Cayley -Hamilton theorem for the matrix  $A = \begin{bmatrix} 1 & 2 & 3 \\ 2 & 4 & 5 \\ 3 & 5 & 6 \end{bmatrix}$

5. Find the real root of the equation  $3x=e^x$  by Bisection method.

6. Find the real root of the equation  $\log x = \cos x$  by Regular falsi method.

7. Solve  $x = 1 + \tan^{-1}x$  by Iteration method.

**List of students for the Remedial Class**

S.No	Student Roll Number	Name of the Student	25.03.2021	01.04.2021	08.04.2021	15.04.2021	22.04.2021
1	20U41A0201	B. GOVINDARAO	A	P	P	P	P
2	20U41A0204	M. ASHISH ISSAC	P	P	P	P	A
3	20U41A0205	K.SAI YASWANTH	P	A	P	P	P
4	20U41A0212	K.VENKATESH	P	P	P	P	P
5	20U41A0216	S.SRINIVAS	P	P	P	P	P
6	20U41A0217	N.SIVAGANES H	P	P	A	P	P



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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  
**Date of Remedial Class** : 05-02-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 05-02-2021 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. 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.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.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  
**Date of Remedial Class** : 12-02-2021

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. 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.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  
**Date of Remedial Class** : 19-02-2021

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. 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

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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  
**Date of Remedial Class** : 26-02-2021

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. 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



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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  
**Date of Remedial Class** : 05-03-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 05-02-2021 1 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  
**Date of Remedial Class** : 12-03-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 5-02-2021 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. Find Fourier Transforms of  $u(t+2)$ ;  $\exp(-2t) u(t)$ ;  $\sin(2t) u(t)$ ;  $\text{sgn}(t)$ .
2. Write Trigonometric, Cosine and Exponential Fourier Series Representations. And write Fourier Transform of Basic signal .
3. Prove that  $\sin 2t$ ,  $\cos 3t$  &  $\cos t$ ,  $\cos 4t$  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  
**Date of Remedial Class** : 19-03-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 05-02-2021 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.  $X(t) = 1$  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  $x(t) = (\sin 400\pi t) / \pi t$ ,  $x(t) = \text{sinc} 100\pi t + \text{sinc}^2 60\pi t$ ,  $x(t) = \sin 40\pi t \cdot \sin 300\pi t$ .

**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



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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)  
**Date of Remedial Class** : 06-02-2021

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. 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	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



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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) **Date of Remedial Class** : 13-02-2021

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	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



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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)Date of Remedial Class** : 20-02-2021

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  $I_{CBO}=10\mu A$  at  $27^{\circ}C$  and  $h_{FE}=50$ .  
(i) Find  $I_c$  when  $I_b=0.25mA$  (ii) assuming  $h_{FE}$  does not increase with temperature. Find the value of new collector current, if the transistor temperature rises to  $50^{\circ}C$
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 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



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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)Date of Remedial Class** : 27-02-2021

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. An NPN transistor if  $\beta=50$  is used in common emitter circuit with  $V_{cc}=10V$  and  $R_c=2k\Omega$ . The bias is obtained by connecting  $100k\Omega$  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	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



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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)**Date of Remedial Class** : 04-03-2021

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. In a p-type semiconductor, the Fermi level lies 0.3 eV above the valance band at a room temperature of 300 OK. Determine the new position of Fermi level for a temperature of (i) 350 OK and (ii) 400 OK. 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 for 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	Jetti Padma Priya	Present
8	20U45A0412	Mantri Usha Rani	Absent





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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)  
**Date of Remedial Class** : 11-03-21

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 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  $V_T = 26$  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	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



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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)**Date of Remedial Class** : 18-03-21

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 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	Pakurthi 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



## DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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Phone: 9963694444/9963981111, E-Mail: [info@diet.edu.in](mailto:info@diet.edu.in), Web: [www.diet.edu.in](http://www.diet.edu.in)

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

#### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech II-SEM., ECE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Electronic Circuit  
**Analysis(R1922041)Date of Remedial Class** : 15-5-21

Based on the Analysis, a Remedial Class has been scheduled for the slow learners

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

1. Derive the expressions for the following hybrid II conductance i) gm ii) gb'e iii) gb'c iv) gce
2. Give the Analysis of common Source Amplifier circuit at high frequencies.
3. Derive the expression for the high frequency parameters in terms of low frequency parameters of a BJT.

#### 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	Pakurthi 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



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### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

#### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech II-SEM., ECE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** :Electronic Circuit  
**Analysis(R1922041)Date of Remedial Class** :22-5-21

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

1. With neat sketch explain Boot-strap emitter follower
2. Explain three types of coupling methods used in multistage amplifiers with neat sketch
3. Explain current shunt and voltage shunt feedback amplifiers?

#### 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	Pakurthi 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



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### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

#### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech II-SEM., ECE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** :Electronic Circuit  
**Analysis(R1922041)Date of Remedial Class : 29-5-21**

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

1. An amplifier requires an input signal of 60mV to produce a certain output with a negative feedback to get the same output the required signal is 0.5V. The voltage gain with feedback is 90. Find the open loop gain and feedback factor.
2. An amplifier has a gain of 50 with negative feedback. For a specified output voltage, if the input required is 0.1V without feedback and 0.8V with feedback, Compute  $\beta$  and open loop gain
3. Derive the expression for output resistance of a voltage sampled circuit.

#### 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
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### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

#### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech II-SEM., ECE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME & CODE** :Electronic Circuit  
**Analysis(R1922041)Date of Remedial Class : 5-6-21**

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

1. Explain the concept of feedback with block diagram. What are the advantages and disadvantages of negative feedback?
2. A single transistor is acting as ideal Class B amplifier with load of  $1K\Omega$ , if DC collector current is 15mA,  $V_{CC}=20V$ . Determine its efficiency
3. Draw the complimentary-symmetry class-B power amplifier 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	Karri Hanurathan	Present
3	19U41A0411	Kummari Ashok	Present
4	19U41A0418	Pakurthi 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



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### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

#### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech II-SEM., ECE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** : Electronic Circuit Analysis(R1922041)  
**Date of Remedial Class** :12-6-21

#### Topics Covered:

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

1. Define a Q-factor of a resonant circuit. What is the need for tuned amplifiers?
2. With the help of suitable schematic explain the operation of a Wien Bridge oscillator and derive an expression for its frequency of operation.
3. Derive the expression for the harmonic distortion in a power amplifier if the relation between input and output currents is nth order.

#### 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
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### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

#### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech II-SEM., ECE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** :Electronic Circuit  
**Analysis(R1922041)Date of Remedial Class : 19-6-21**

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

1. Explain the operation of class B push-Pull power amplifier
2. Derive an expression for bandwidth of a capacitive coupled tuned amplifier.
3. Give classification of tuned amplifiers.

#### 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
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### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

#### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech II-SEM., ECE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME & CODE** :Electronic Circuit Analysis(R1922041)  
**Date of Remedial Class** : 26-6-21

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

1.  $V_{CE(max)}=15V, V_{CE(min)}=1V$ , find the overall efficiency for (i) series –fed load (ii) transformer-coupled Load
2. Draw the diagram of a capacitance coupled tuned amplifier and derive an expression for its quality factor.
3. Show that Bandwidth decreases with cascading of single tuned amplifiers

#### 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



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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** : Linear IC's and Applications

**Date of Remedial Class** : 22-01-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 22-01-2021 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. Draw and explain the 555 timer circuit in Astable mode to get output waveform with 50% duty cycle.
2. Define the Op-Amp parameters: (i) Input offset voltage,  $V_{io}$  (ii) Input bias current,  $I_{io}$  with a practical setup explain how these parameters can be measured.
3. Draw the block diagram of a 566 PLL IC and explain its working.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0424	K JAGAN	Attendance
2	18U41A0403	VECHALAPU BINDU	Present
3	18U41A0424	PAKKI SATYA LASWIK	Present
4	18U41A0427	PUDI HARISH	Present
5	18U41A0434	VELURI NAGA SAI ROHINI KUMAR	Absent
6	18U41A0436	DEVADA JESWANTH REDDY	Present
7	18U41A0439	YELAMARTHI SAI SURENDRA	Absent
8	18U41A0441	PAPPALA NEELIMA	Present
9	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
10	18U41A0443	REDDI SRINIVAS	Present
11	18U41A0453	GORLE MADHAVI	Present
12	19U41A0405	BIKKAVILLI RAGHURAM	Absent
13	19U41A0420	KOBBARI RAJESH	Present
14	19U41A0432	POLAVARAPU AMRUTHA	Absent
15	19U41A0442	GOMPA MOUNIKA	Present



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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** : Linear IC's and Applications  
**COURSE INSTRUCTOR** :  
**Date of Remedial Class** : 29-01-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 29-01-2021 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. With a neat diagram explain the successive approximation converter in detail.
2. Draw and explain the circuit of astable multivibrator using 555 timer.
3. Draw the circuit diagram of first order high pass filter and its frequency response. Derive the expression for output voltage.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0424	K JAGAN	Present
2	18U41A0403	VECHALAPU BINDU	Present
3	18U41A0424	PAKKI SATYA LASWIK	Present
4	18U41A0427	PUDI HARISH	Absent
5	18U41A0434	VELURI NAGA SAI ROHINI KUMAR	Present
6	18U41A0436	DEVADA JESWANTH REDDY	Absent
7	18U41A0439	YELAMARTHI SAI SURENDRA	Present
8	18U41A0441	PAPPALA NEELIMA	Present
9	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
10	18U41A0443	REDDI SRINIVAS	Present
11	18U41A0453	GORLE MADHAVI	Absent
12	19U41A0405	BIKKAVILLI RAGHURAM	Present
13	19U41A0420	KOBBARI RAJESH	Absent
14	19U41A0432	POLAVARAPU AMRUTHA	Present
15	19U41A0442	GOMPA MOUNIKA	Present



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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** : Linear IC's and Applications  
**COURSE INSTRUCTOR** :  
**Date of Remedial Class** : 05-02-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 05-02-2021 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 first order low pass filter for a high cut-off frequency of 2 kHz and Pass band gain of 2.
2. Explain how an op-amp can be used as integrator? Also derive expression for the output.
3. Draw the block schematic of an op-amp and explain the functions of each block.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0424	K JAGAN	Present
2	18U41A0403	VECHALAPU BINDU	Present
3	18U41A0424	PAKKI SATYA LASWIK	Present
4	18U41A0427	PUDI HARISH	Absent
5	18U41A0434	VELURI NAGA SAI ROHINI KUMAR	Present
6	18U41A0436	DEVADA JESWANTH REDDY	Absent
7	18U41A0439	YELAMARTHI SAI SURENDRA	Present
8	18U41A0441	PAPPALA NEELIMA	Present
9	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
10	18U41A0443	REDDI SRINIVAS	Present
11	18U41A0453	GORLE MADHAVI	Absent
12	19U41A0405	BIKKAVILLI RAGHURAM	Present
13	19U41A0420	KOBBARI RAJESH	Absent
14	19U41A0432	POLAVARAPU AMRUTHA	Present
15	19U41A0442	GOMPA MOUNIKA	Present



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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** : Linear IC's and Applications  
**COURSE INSTRUCTOR** :  
**Date of Remedial Class** : 12-02-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 12-02-2021 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. Explain planar technology for device fabrication.
2. Differentiate between SSI, MSI, LSI and VLSI.
3. Draw the circuit diagram of differential amplifier with Single input and unbalanced output. Derive expressions for differential gain  $A_d$ , input resistance  $R_i$ , and output resistance  $R_o$ .

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0424	K JAGAN	Present
2	18U41A0403	VECHALAPU BINDU	Present
3	18U41A0424	PAKKI SATYA LASWIK	Present
4	18U41A0427	PUDI HARISH	Absent
5	18U41A0434	VELURI NAGA SAI ROHINI KUMAR	Present
6	18U41A0436	DEVADA JESWANTH REDDY	Absent
7	18U41A0439	YELAMARTHI SAI SURENDRA	Present
8	18U41A0441	PAPPALA NEELIMA	Present
9	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
10	18U41A0443	REDDI SRINIVAS	Present
11	18U41A0453	GORLE MADHAVI	Absent
12	19U41A0405	BIKKAVILLI RAGHURAM	Present
13	19U41A0420	KOBBARI RAJESH	Absent
14	19U41A0432	POLAVARAPU AMRUTHA	Present
15	19U41A0442	GOMPA MOUNIKA	Present



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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** : Linear IC's and Applications  
**COURSE INSTRUCTOR** :  
**Date of Remedial Class** : 19-02-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 19-02-2021 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. Explain the fundamentals of Differential amplifier.
2. Explain the concept of Virtual Ground in detail.
3. With a neat sketch explain the operation of Triangular generator.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0424	K JAGAN	Present
2	18U41A0403	VECHALAPU BINDU	Present
3	18U41A0424	PAKKI SATYA LASWIK	Present
4	18U41A0427	PUDI HARISH	Absent
5	18U41A0434	VELURI NAGA SAI ROHINI KUMAR	Present
6	18U41A0436	DEVADA JESWANTH REDDY	Absent
7	18U41A0439	YELAMARTHI SAI SURENDRA	Present
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9	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
10	18U41A0443	REDDI SRINIVAS	Present
11	18U41A0453	GORLE MADHAVI	Absent
12	19U41A0405	BIKKAVILLI RAGHURAM	Present
13	19U41A0420	KOBBARI RAJESH	Absent
14	19U41A0432	POLAVARAPU AMRUTHA	Present
15	19U41A0442	GOMPA MOUNIKA	Present

Course Instructor



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### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech I-Sem., ECE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Linear IC's and Applications  
**COURSE INSTRUCTOR** :  
**Date of Remedial Class** : 26-02-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 26-02-2021 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. With a neat sketch explain the operation of Four Quadrant Multiplier.
2. Draw a weighted resistor DAC and obtain the transfer characteristics of a 3 bitDAC.
3. Draw and explain the circuit operation of Successive approximation ADC.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0424	K JAGAN	Present
2	18U41A0403	VECHALAPU BINDU	Present
3	18U41A0424	PAKKI SATYA LASWIK	Present
4	18U41A0427	PUDI HARISH	Absent
5	18U41A0434	VELURI NAGA SAI ROHINI KUMAR	Present
6	18U41A0436	DEVADA JESWANTH REDDY	Absent
7	18U41A0439	YELAMARTHI SAI SURENDRA	Present
8	18U41A0441	PAPPALA NEELIMA	Present
9	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
10	18U41A0443	REDDI SRINIVAS	Present
11	18U41A0453	GORLE MADHAVI	Absent
12	19U41A0405	BIKKAVILLI RAGHURAM	Present
13	19U41A0420	KOBBARI RAJESH	Absent
14	19U41A0432	POLAVARAPU AMRUTHA	Present
15	19U41A0442	GOMPA MOUNIKA	Present



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NAAC Accredited Institute

An ISO 9001:2008, 14001:2004 & OHSAS 18001:2007 Certified InstituteNH-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** : Linear IC's and Applications  
**Date of Remedial Class** : 05-03-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 05-03-2021 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. Draw and explain the circuit operation of Successive approximation ADC.
2. Derive the expressions for i) Lock in range. ii) Capture range.
3. Design a monostable multivibrator using 555 timer to produce a pulse width of 100  $\mu$  sec.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0424	K JAGAN	Present
2	18U41A0403	VECHALAPU BINDU	Present
3	18U41A0424	PAKKI SATYA LASWIK	Present
4	18U41A0427	PUDI HARISH	Absent
5	18U41A0434	VELURI NAGA SAI ROHINI KUMAR	Present
6	18U41A0436	DEVADA JESWANTH REDDY	Absent
7	18U41A0439	YELAMARTHI SAI SURENDRA	Present
8	18U41A0441	PAPPALA NEELIMA	Present
9	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
10	18U41A0443	REDDI SRINIVAS	Present
11	18U41A0453	GORLE MADHAVI	Absent
12	19U41A0405	BIKKAVILLI RAGHURAM	Present
13	19U41A0420	KOBBARI RAJESH	Absent
14	19U41A0432	POLAVARAPU AMRUTHA	Present
15	19U41A0442	GOMPA MOUNIKA	Present





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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  
**Date of Remedial Class** :08-02-21

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:**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.	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** :Digital Communications  
**Date of Remedial Class** : 15-02-21

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

1. A signal ( $t$ ) of bandwidth  $B = 4 \text{ kHz}$  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	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** :Digital Communications  
**Date of Remedial Class** :22-02-21

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:**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



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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  
**Date of Remedial Class** :01-03-21

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:**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  $f_m$  and amplitude  $A_m$  applied to a delta modulator having step size  $\Delta$ . Find the condition on  $A_m$  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	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



## 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  
**Date of Remedial Class** :8-03-21

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:**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.	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** :Digital Communications  
**Date of Remedial Class** :15-03-21

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:**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 channel.
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** :Digital Communications  
**Date of Remedial Class** :22-03-21

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:** 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.	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 II-Sem., ECE  
**ACADEMIC YEAR** :2020-21  
**COURSE NAME &CODE** : Digital IC Applications  
**Date of Remedial Class** : 8-5-21

Based on the Analysis, a Remedial Class has been scheduled for the slow learners

**Topics Covered:** Questions from Previous JNTU Kakinada end exam papers were discussed.

- (a) Discuss the behaviour of a CMOS as an inverter.i) Inductive effects ii) Propagation delay[5M]
- (b) What are features of TTL logic family? Discuss about the fastest logic family and mention the typical values of its various parameters.[5M]
2. (a) Draw the circuit diagram of basic TTL NAND gate and explain with the help of functional operation.[5M]
- (b) What are the advantages and disadvantages of ECL gates? Draw and explain the 2-input OR/NOR gate using ECL logic.[5M]
3. (a) Explain dynamic electrical behaviour of a CMOS. [5M] (b) Design a 4 input CMOS AND-OR-INVERT gate. Explain the circuit with the help of a logic diagram and function table.[5M]

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0405	BEJAWADA HARI KRISHNA	Present
2	18U41A0424	PAKKI SATYA LASWIK	Present
3	18U41A0441	PAPPALA NEELIMA	Present
4	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
5	19U45A0405	BIKKAVILLI RAGHURAM	Present
6	19U45A0411	GADI MAHA LAKSHMI DEVI	Present





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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**PROGRAM** : B.Tech

**CLASS** : III B.Tech II-Sem., ECE

**ACADEMIC YEAR** :2020-21

**COURSE NAME & CODE** : Digital IC Applications

**Date of Remedial Class** : 15-5-21

Based on the Analysis, a Remedial Class has been scheduled for the slow learners.

**Topics Covered:** Questions from Previous JNTU Kakinada end exam papers were discussed.

1. What are the different data objects supported by VHDL? Explain scalar types with suitable examples. (b) Write a VHDL Entity and Architecture for the following function.  $F = a(XOR) b(XOR)c$ . Also draw the relevant logic diagram.
2. (a) Write a short note on package declaration. (b) Write a syntax of VHDL array declaration. (c) What statement is primarily used to describe a design in data flow style? Explain about data flow design elements of VHDL.
3. (a) What is the purpose of the 'timescale' compiler derivative? Give an example. (b) Write a short note on Elements of VHDL. (c) Write short notes on sub programs.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0405	BEJAWADA HARI KRISHNA	Present
2	18U41A0424	PAKKI SATYA LASWIK	Present
3	18U41A0441	PAPPALA NEELIMA	Present
4	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
5	19U45A0405	BIKKAVILLI RAGHURAM	Present
6	19U45A0411	GADI MAHA LAKSHMI DEVI	Present



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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., ECE  
**ACADEMIC YEAR** :2020-21  
**COURSE NAME &CODE** : Digital IC Applications  
**Date of Remedial Class** : 22-5-21

Based on the Analysis, a Remedial Class has been scheduled for the slow learners.

**Topics Covered:** Questions from Previous JNTU Kakinada end exam papers were discussed.

1. (a) With Example explain Process statement, variable assignment statement, signal assignment statement.(b) Explain Transport Delay Model.
2. (a) With Example explain wait statement and if statement. (b) Write a short note on signal drivers.(c) With example, explain case statement.
3. (a) With Example explain null statement, loop statement, exit statement, next statement, assertion Statement.(b) Explain Multiple Processes concept with example.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0405	BEJAWADA HARI KRISHNA	Present
2	18U41A0424	PAKKI SATYA LASWIK	Present
3	18U41A0441	PAPPALA NEELIMA	Present
4	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
5	19U45A0405	BIKKAVILLI RAGHURAM	Present
6	19U45A0411	GADI MAHA LAKSHMI DEVI	Present



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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., ECE  
**ACADEMIC YEAR** :2020-21  
**COURSE NAME &CODE** : Digital IC Applications  
**Date of Remedial Class** : 29-5-21

Based on the Analysis, a Remedial Class has been scheduled for the slow learners

**Topics Covered:** Questions from Previous JNTU Kakinada end exam papers were discussed.

1. (a) Explain Inertial Delay Model. (b) Explain Other Sequential Statements.
2. How to Create Signal Waveforms
3. Explain Logic Synthesis.(b) Write a short note on Inside a logic Synthesizer.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0405	BEJAWADA HARI KRISHNA	Present
2	18U41A0424	PAKKI SATYA LASWIK	Present
3	18U41A0441	PAPPALA NEELIMA	Present
4	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
5	19U45A0405	BIKKAVILLI RAGHURAM	Present
6	19U45A0411	GADI MAHA LAKSHMI DEVI	Present



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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., ECE  
**ACADEMIC YEAR** :2020-21  
**COURSE NAME &CODE** : Digital IC Applications  
**Date of Remedial Class** : 5-6-21

Based on the Analysis, a Remedial Class has been scheduled for the slow learners

**Topics Covered:** Questions from Previous JNTU Kakinada end exam papers were discussed.

1. (a) Write a VHDL code for a 4-bit up counter. (b) Draw the truth table and circuit diagram of a 2-to-4decoder. (c)Discuss about the implementation of a comparator using digital IC.
2. (a) Explain about the Dual Priority Encoder with a neat diagram. (b) Write a VHDL code to simulate a full adder circuit. (c)What is a floating-point encoder? Explain.
3. (a) Design a full adder using two half adders. Write its structural code. (b) Design the logic circuit and write a data-flow style VHDL program for the following functions  $F(X) = \Sigma A, B, C, D (0,1,3,5,14) + d (8,15)$

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0405	BEJAWADA HARI KRISHNA	Present
2	18U41A0424	PAKKI SATYA LASWIK	Present
3	18U41A0441	PAPPALA NEELIMA	Present
4	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
5	19U45A0405	BIKKAVILLI RAGHURAM	Present
6	19U45A0411	GADI MAHA LAKSHMI DEVI	Present



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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**PROGRAM** : B.Tech

**CLASS** : III B.Tech II-Sem., ECE

**ACADEMIC YEAR** :2020-21

**COURSE NAME &CODE** : Digital IC Applications

**Date of Remedial Class** : 12-6-21

Based on the Analysis, a Remedial Class has been scheduled for the slow learners

**Topics Covered:** Questions from Previous JNTU Kakinada end exam papers were discussed.

1. (a) Write a VHDL program to design a modulo-8 counter. (b) Write a VHDL program to simulate the behaviour of a positive edge triggered J-K flip – flop.
2. (a) Explain in detail about the working of Johnson Counter using 74LS194. (b) Discuss the logic circuit of the 74x377 register. Write a VHDL program for the same in structural style.
3. (a) Write a VHDL code for a 4-bit down counter. (b) Design an 8-bit parallel-in and serial-out shift register. Explain the operation of the above shift register with the help of timing wave forms. (c) Write a VHDL code for the Ring counter.
4. (a) Design, explain and write VHDL code for Universal Shift Register. (b) Write VHDL code for T Flip Flop with asynchronous reset using behavioural modelling.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0405	BEJAWADA HARI KRISHNA	Present
2	18U41A0424	PAKKI SATYA LASWIK	Present
3	18U41A0441	PAPPALA NEELIMA	Present
4	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
5	19U45A0405	BIKKAVILLI RAGHURAM	Present
6	19U45A0411	GADI MAHA LAKSHMI DEVI	Present



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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., ECE  
**ACADEMIC YEAR** :2020-21  
**COURSE NAME &CODE** : Digital IC Applications  
**Date of Remedial Class** : 19-6-21

Based on the Analysis, a Remedial Class has been scheduled for the slow learners

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 from Previous JNTU Kakinada end exam papers were discussed.

1. a) Draw state diagrams of a sequence detector which can detect 011. (b) Distinguish between Moore and Mealy Machines. (c) The output Z of a fundamental mode, two input sequential circuit is to change from 0 to 1 only when  $x_2$  changes from 0 to 1 while  $x_1=1$ . The output changes from 1 to 0 only when  $x_1$  changes from 1 to 0 while  $x_2=1$ . Find a minimum row reduced flow table [6M]
2. (a) Draw the diagram of Mealy type FSM for serial adder. (b) Explain the procedure of Mealy to Moore conversion. (c) A clocked sequential circuit is provided with a single input  $x$  and single output  $z$ , whenever the input produces a string pulsed 111 or 000 and at the end of the sequence it produces an output  $z=1$  and overlapping is also allowed. i) Obtain state diagram and state table. ii) Find equivalence classes using the partition method and design the circuit using D flip-flop.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0405	BEJAWADA HARI KRISHNA	Present
2	18U41A0424	PAKKI SATYA LASWIK	Present
3	18U41A0441	PAPPALA NEELIMA	Present
4	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
5	19U45A0405	BIKKAVILLI RAGHURAM	Present
6	19U45A0411	GADI MAHA LAKSHMI DEVI	Present



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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., ECE  
**ACADEMIC YEAR** :2020-21  
**COURSE NAME & CODE** : Microwave Engineering  
**Date of Remedial Class** : 6-5-21

Based on the Analysis, a Remedial Class has been scheduled for the slow learners.

**Topics Covered**

1. TE Mode Analysis of Rectangular wave guides.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0424	K JAGAN	Absent
2	18U41A0402	ANAPAREDDI RAM JAGAN	Present
3	18U41A0405	BEJAWADA HARI KRISHNA	Present
4	18U41A0407	BOTTA BALAJI	Present
5	18U41A0409	CHADARAM PRASAD	Present
7	18U41A0416	KOILADA CHANAKYA	Present
8	18U41A0421	MALLA DAKSHAYANI	Present
9	19U45A0423	MATHALA MADHAVI	Present



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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., ECE  
**ACADEMIC YEAR** :2020-21  
**COURSE NAME & CODE** : Microwave Engineering.  
**Date of Remedial Class** : 13-5-21

**Topics Covered**

1. TM Mode Analysis of Rectangular wave guides

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0424	K JAGAN	Absent
2	18U41A0402	ANAPAREDDI RAM JAGAN	Present
3	18U41A0405	BEJAWADA HARI KRISHNA	Present
4	18U41A0407	BOTTA BALAJI	Present
5	18U41A0409	CHADARAM PRASAD	Present
7	18U41A0416	KOILADA CHANAKYA	Present
8	18U41A0421	MALLA DAKSHAYANI	Present
9	19U45A0423	MATHALA MADHAVI	Present





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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., ECE  
**ACADEMIC YEAR** :2020-21  
**COURSE NAME & CODE** : Microwave Engineering.  
**Date of Remedial Class** : 20-5-21

**Topics Covered**

1. TE Mode Analysis of Circular wave guides

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0424	K JAGAN	Absent
2	18U41A0402	ANAPAREDDI RAM JAGAN	Present
3	18U41A0405	BEJAWADA HARI KRISHNA	Present
4	18U41A0407	BOTTA BALAJI	Present
5	18U41A0409	CHADARAM PRASAD	Present
7	18U41A0416	KOILADA CHANAKYA	Present
8	18U41A0421	MALLA DAKSHAYANI	Present
9	19U45A0423	MATHALA MADHAVI	Present



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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., ECE  
**ACADEMIC YEAR** :2020-21  
**COURSE NAME & CODE** : Micro wave Engineering.  
**Date of Remedial Class** : 27-5-21

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. TM Mode Analysis of Circular wave guides

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0424	K JAGAN	Absent
2	18U41A0402	ANAPAREDDI RAM JAGAN	Present
3	18U41A0405	BEJAWADA HARI KRISHNA	Present
4	18U41A0407	BOTTA BALAJI	Present
5	18U41A0409	CHADARAM PRASAD	Present
7	18U41A0416	KOILADA CHANAKYA	Present
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9	19U45A0423	MATHALA MADHAVI	Present



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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., ECE  
**ACADEMIC YEAR** :2020-21  
**COURSE NAME & CODE** : Microwave Engineering.  
**Date of Remedial Class** :3-6-21

### Topics Covered

1. TWO CAVITY KLYSTRON AMPLIFIER.
2. REFLEX KLYSTRON.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0424	K JAGAN	Absent
2	18U41A0402	ANAPAREDDI RAM JAGAN	Present
3	18U41A0405	BEJAWADA HARI KRISHNA	Present
4	18U41A0407	BOTTA BALAJI	Present
5	18U41A0409	CHADARAM PRASAD	Present
7	18U41A0416	KOILADA CHANAKYA	Present
8	18U41A0421	MALLA DAKSHAYANI	Present
9	19U45A0423	MATHALA MADHAVI	Present



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**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., ECE  
**ACADEMIC YEAR** :2020-21  
**COURSE NAME & CODE** : Microwave Engineering.  
**Date of Remedial Class** : 10-6-21

**Topics Covered**

**1. Magnetron Analysis**

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0424	K JAGAN	Absent
2	18U41A0402	ANAPAREDDI RAM JAGAN	Present
3	18U41A0405	BEJAWADA HARI KRISHNA	Present
4	18U41A0407	BOTTA BALAJI	Present
5	18U41A0409	CHADARAM PRASAD	Present
7	18U41A0416	KOILADA CHANAKYA	Present
8	18U41A0421	MALLA DAKSHAYANI	Present
9	19U45A0423	MATHALA MADHAVI	Present



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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., ECE  
**ACADEMIC YEAR** :2020-21  
**COURSE NAME &CODE** : Micro wave Engineering.  
**Date of Remedial Class** :17-6-21

**Topics Covered**

**1. S-Matrix of E-Plane, M-Plane, Magic tee**

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0424	K JAGAN	Absent
2	18U41A0402	ANAPAREDDI RAM JAGAN	Present
3	18U41A0405	BEJAWADA HARI KRISHNA	Present
4	18U41A0407	BOTTA BALAJI	Present
5	18U41A0409	CHADARAM PRASAD	Present
7	18U41A0416	KOILADA CHANAKYA	Present
8	18U41A0421	MALLA DAKSHAYANI	Present
9	19U45A0423	MATHALA MADHAVI	Present



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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech

**CLASS** : III B.Tech II-Sem., ECE

**ACADEMIC YEAR** :2020-21

**COURSE NAME &CODE** : Microprocessors and Microcontrollers

**Date of Remedial Class** : 9-5-21

Based on the Analysis, a Remedial Class has been scheduled for the slow learners

**Topics Covered:** Questions from Previous JNTU Kakinada end exam papers were discussed.

1. Pin Diagram of 8086
2. Architecture of 8086
3. Draw the flag register of 8086 processor and explain the register organization of this processor.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0405	BEJAWADA HARI KRISHNA	Present
2	18U41A0424	PAKKI SATYA LASWIK	Present
3	18U41A0441	PAPPALA NEELIMA	Present
4	18U41A0442	KANDREGULA MANIKANTA NAIDU	Present
5	19U45A0405	BIKKAVILLI RAGHURAM	Present
6	19U45A0411	GADI MAHA LAKSHMI DEVI	Present



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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., ECE  
**ACADEMIC YEAR** :2020-21  
**COURSE NAME &CODE** : Microprocessors and Microcontrollers  
**Date of Remedial Class** : 16-5-21

Based on the Analysis, a Remedial Class has been scheduled for the slow learners.

**Topics Covered:** Questions from Previous JNTU Kakinada end exam papers were discussed.

1. Write an assemble language program for finding the sum of the number in an Array, the length of array is ten 16-bit numbers.
2. Describe the arithmetic and logical instructions of 8086.
3. Discuss different addressing modes of 8086

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0405	BEJAWADA HARI KRISHNA	Present
2	18U41A0424	PAKKI SATYA LASWIK	Present
3	18U41A0441	PAPPALA NEELIMA	Present
4	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
5	19U45A0405	BIKKAVILLI RAGHURAM	Present
6	19U45A0411	GADI MAHA LAKSHMI DEVI	Present



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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech

**CLASS** : III B.Tech II-Sem., ECE

**ACADEMIC YEAR** :2020-21

**COURSE NAME &CODE** : Microprocessors and Microcontrollers

**Date of Remedial Class** : 23-5-21

Based on the Analysis, a Remedial Class has been scheduled for the slow learners.

**Topics Covered:** Questions from Previous JNTU Kakinada end exam papers were discussed.

1. Show the control word format of 8255 and explain how each bit is programmed.
2. Architecture and operating modes of 8255

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0405	BEJAWADA HARI KRISHNA	Present
2	18U41A0424	PAKKI SATYA LASWIK	Present
3	18U41A0441	PAPPALA NEELIMA	Present
4	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
5	19U45A0405	BIKKAVILLI RAGHURAM	Present
6	19U45A0411	GADI MAHA LAKSHMI DEVI	Present





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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech

**CLASS** : III B.Tech II-Sem., ECE

**ACADEMIC YEAR** :2020-21

**COURSE NAME &CODE** : Microprocessors and Microcontrollers

**Date of Remedial Class** : 30-5-21

Based on the Analysis, a Remedial Class has been scheduled for the slow learners

**Topics Covered:** Questions from Previous JNTU Kakinada end exam papers were discussed.

1. ADC/DAC interfacing with 8086 through 8255
2. Interfacing stepper motor with 8086
3. Static memory interfacing with 8086

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0405	BEJAWADA HARI KRISHNA	Present
2	18U41A0424	PAKKI SATYA LASWIK	Present
3	18U41A0441	PAPPALA NEELIMA	Present
4	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
5	19U45A0405	BIKKAVILLI RAGHURAM	Present
6	19U45A0411	GADI MAHA LAKSHMI DEVI	Present



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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech

**CLASS** : III B.Tech II-Sem., ECE

**ACADEMIC YEAR** :2020-21

**COURSE NAME &CODE** : Microprocessors and Microcontrollers

**Date of Remedial Class** : 07-6-21

Based on the Analysis, a Remedial Class has been scheduled for the slow learners.

**Topics Covered:** Questions from Previous JNTU Kakinada end exam papers were discussed.

1. Pin diagram and architecture of 8051.
2. Timers and counters in 8051.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0405	BEJAWADA HARI KRISHNA	Present
2	18U41A0424	PAKKI SATYA LASWIK	Present
3	18U41A0441	PAPPALA NEELIMA	Present
4	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
5	19U45A0405	BIKKAVILLI RAGHURAM	Present
6	19U45A0411	GADI MAHA LAKSHMI DEVI	Present



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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**PROGRAM** : B.Tech

**CLASS** : III B.Tech II-Sem., ECE

**ACADEMIC YEAR** :2020-21

**COURSE NAME &CODE** : Microprocessors and Microcontrollers

**Date of Remedial Class** : 14-6-21

Based on the Analysis, a Remedial Class has been scheduled for the slow learners

**Topics Covered:** Questions from Previous JNTU Kakinada end exam papers were discussed.

1. Interfacing 8051 with keyboard.
2. ADC / DAC interfacing with 8051
3. Interrupts in 8051

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0405	BEJAWADA HARI KRISHNA	Present
2	18U41A0424	PAKKI SATYA LASWIK	Present
3	18U41A0441	PAPPALA NEELIMA	Present
4	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
5	19U45A0405	BIKKAVILLI RAGHURAM	Present
6	19U45A0411	GADI MAHA LAKSHMI DEVI	Present



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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**PROGRAM** : B.Tech

**CLASS** : III B.Tech II-Sem., ECE

**ACADEMIC YEAR** :2020-21

**COURSE NAME &CODE** : Microprocessors and Microcontrollers

**Date of Remedial Class** : 21-6-21

Based on the Analysis, a Remedial Class has been scheduled for the slow learners.

**Topics Covered:** Questions from Previous JNTU Kakinada end exam papers were discussed.

1. Basic architecture of ARM processors
2. Instruction set of ARM processors

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0405	BEJAWADA HARI KRISHNA	Present
2	18U41A0424	PAKKI SATYA LASWIK	Present
3	18U41A0441	PAPPALA NEELIMA	Present
4	18U41A0442	KANDREGULA MANIKANTANAIDU	Present
5	19U45A0405	BIKKAVILLI RAGHURAM	Present
6	19U45A0411	GADI MAHA LAKSHMI DEVI	Present



**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 & R1641041  
**Date of Remedial Class** :29/1/2021

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:** 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	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:** Radar Systems & R1641041  
**Date of Remedial Class** :05/02/2021

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:** 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	SIDDA BHAVANI	Absent
8	17U41A0458	TEPPALA RAJASEKHAR	Present



**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 & R1641041  
**Date of Remedial Class** : 12/02/2021

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 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	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 & R1641041  
**Date of Remedial Class** : 19/02/2021

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:** 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 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** : Radar Systems & R1641041  
**Date of Remedial Class** : 26/02/2021

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

1. How the target can track with phase comparison 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 system
  - ii) Fn of N-Cascade system
  - iii) 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	17U41A0458	TEPPALA RAJASEKHAR	Present



**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 & R1641041  
**Date of Remedial Class** : 05/3/2021

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:** 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
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



**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 & R1641041  
**Date of Remedial Class** : 12/03/2021

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

1. With suitable diagram explain the working principle of conical scan technique
2. Suggest the suitable techniques to acquire 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	17U41A0458	TEPPALA RAJASEKHAR	Present

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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** : Electronic Measurements & Instrumentation

**COURSE INSTRUCTOR** :

**Date of Remedial Class** : 22-01-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 22-01-2021 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. Draw Schearing Bridge and explain the measurement of unknown Capacitance.
2. Draw the circuit diagram of Ohmmeters series type, and shunt type and explain its Operation in detail.
3. Explain the working of a multichannel DAS system with block diagram.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0414	ELUSURI BHOGESH	Present
2	17U41A0436	MURUKURTI ASHOK	Present
3	17U41A0438	KADAVALA MADHURI	Present
4	17U41A0453	SIRIGIRISETTI NAGAMANI	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** : Electronic Measurements & Instrumentation

**COURSE INSTRUCTOR** :

**Date of Remedial Class** : 29-01-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 29-01-2021 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. What are the dynamic characteristics of measurement systems? Explain.
2. Draw the Thermocouple type RF ammeter and explain its operation.
3. Describe briefly about Harmonic distortion analyzer.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0414	ELUSURI BHOGESH	Present
2	17U41A0436	MURUKURTI ASHOK	Present
3	17U41A0438	KADAVALA MADHURI	Present
4	17U41A0453	SIRIGIRISETTI NAGAMANI	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** : Electronic Measurements & Instrumentation

**COURSE INSTRUCTOR** :

**Date of Remedial Class** : 05-02-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 05-02-2021 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. What are the various applications of Digital Fourier Analyzers?
2. Illustrate why is triggering circuit provided in a CRO?
3. With neat sketch explain the measurements of proximity.

### **List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0414	ELUSURI BHOGESH	Present
2	17U41A0436	MURUKURTI ASHOK	Present
3	17U41A0438	KADAVALA MADHURI	Present
4	17U41A0453	SIRIGIRISETTI NAGAMANI	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** : Electronic Measurements & Instrumentation

**COURSE INSTRUCTOR** :

**Date of Remedial Class** : 12-02-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 12-02-2021 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. With neat sketch explain the measurements of humidity and moisture.
2. Define the following

(i) Response    (ii) Fidelity    (iii) Lag    (iv) Dynamic error

3. Draw the circuit diagram of Ohmmeters series type, and shunt type and explain its operation in detail.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0414	ELUSURI BHOGESH	Present
2	17U41A0436	MURUKURTI ASHOK	Present
3	17U41A0438	KADAVALA MADHURI	Present
4	17U41A0453	SIRIGIRISETTI NAGAMANI	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** : Electronic Measurements & Instrumentation

**COURSE INSTRUCTOR** :

**Date of Remedial Class** : 19-02-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 19-02-2021 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 Describe briefly about Total harmonic distortion.
2. Draw the circuit diagram of delay line circuit and explain its operation.
3. Analyze Q meter? Explain about its application.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0414	ELUSURI BHOGESH	Present
2	17U41A0436	MURUKURTI ASHOK	Present
3	17U41A0438	KADAVALA MADHURI	Present
4	17U41A0453	SIRIGIRISETTI NAGAMANI	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** : Electronic Measurements & Instrumentation

**COURSE INSTRUCTOR** :

**Date of Remedial Class** : 26-02-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 26-02-2021 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. Explain the operation of LVDT. Explain it's merits demerits and applications.
2. With neat sketch explain the measurement of Velocity.
3. Explain the measurement of force using photoelectric Transducer.

### **List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0414	ELUSURI BHOGESH	Present
2	17U41A0436	MURUKURTI ASHOK	Present
3	17U41A0438	KADAVALA MADHURI	Present
4	17U41A0453	SIRIGIRISETTI NAGAMANI	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** : Electronic Measurements & Instrumentation

**COURSE INSTRUCTOR** :

**Date of Remedial Class** : 05-03-2021

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 05-03-2021 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. Draw the internal structure of CRT and list its functions.
2. Explain the frequency and phase measurement using Lissajous figures.
3. Discuss in detail about the principle of Q meter..

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0414	ELUSURI BHOGESH	Present
2	17U41A0436	MURUKURTI ASHOK	Present
3	17U41A0438	KADAVALA MADHURI	Present
4	17U41A0453	SIRIGIRISETTI NAGAMANI	Absent



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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,R1641044  
**Date of Remedial Class** : **05-02-21**

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 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 ( $n_1$ ) = 1.46 Core diameter ( $2a$ ) = 8  $\mu\text{m}$ , Numerical aperture (NA) = 0.1 Estimate the total insertion loss of a fiber joint with a lateral misalignment of 1  $\mu\text{m}$  and an angular misalignment of 10 .

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

**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



**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,R1641044  
**Date of Remedial Class** :12-02-21

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.

**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



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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,R1641044  
**Date of Remedial Class** : 19-02-21

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. 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

**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	yes



**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,R1641044  
**Date of Remedial Class** : 26-02-21

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. Glass fiber exhibits material dispersion given by  $\lambda^2 (d^2 n_1/d \lambda^2)$  of 025. Determine material dispersion parameter at a wavelength of  $0.85\mu\text{m}$  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.

**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	17U41A0458	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,R1641044  
**Date of Remedial Class** : 05-03-21

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. 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

**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	No
9	18U45A0414	R.Rajyalaxmi	Yes

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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,R1641044  
**Date of Remedial Class** : 12-03-21

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

**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





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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,R1641044  
**Date of Remedial Class** :19-03-21

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. 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.

**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	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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# DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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Phone: 9963981111, E-Mail: [info@diet.edu.in](mailto:info@diet.edu.in), Web: [www.diet.edu.in](http://www.diet.edu.in)

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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : SHWM  
**COURSE INSTRUCTOR** : P.LAVANYA

1. Write a detailed note on the characteristics, sources and problems arising from mining and industrial waste.
2. Discuss in detail about the factors affecting the solid waste generation rates.

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

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0123	P.Somesh	Attended
2	18U45A0124	N.TEJA	Attended
3	18U45A0151	S.UMA MAHESH	Not Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : SHWM  
**COURSE INSTRUCTOR** : P.LAVANYA

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

1. Differentiate between Rural and Urban solid wastes.
2. Explain the types of waste collection systems based on their mode of operation with a neat sketch

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0123	P.Somesh	Attended
2	18U45A0124	N.TEJA	Attended
3	18U45A0151	S.UMA MAHESH	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : SHWM  
**COURSE INSTRUCTOR** : P.LAVANYA

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

1. Explain the process followed for storage and analysis of collection system for municipal solid waste in present day scenario.
2. b) Discuss about waste minimization.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0123	P.Somesh	Attended
2	18U45A0124	N.TEJA	Attended
3	18U45A0151	S.UMA MAHESH	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : SHWM  
**COURSE INSTRUCTOR** : P.LAVANYA

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

1. Explain how effectively solid waste can be managed.
2. Describe the impact of solid waste on environmental health.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0123	P.Somesh	Attended
2	18U45A0124	N.TEJA	Attended
3	18U45A0151	S.UMA MAHESH	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : SHWM  
**COURSE INSTRUCTOR** : P.LAVANYA

1. Write a detail note on handling and segregation of wastes at source.
2. Discuss the problems associated with solid waste.

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

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0123	P.Somesh	Attended
2	18U45A0124	N.TEJA	Attended
3	18U45A0151	S.UMA MAHESH	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : SHWM  
**COURSE INSTRUCTOR** : P. Lavanya

1. Discuss the collection and transfer of solid waste.
2. Explain the mechanical and thermal ways and means of reduction of volume of solid wastes.

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

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0123	P.Somesh	Not Attended
2	18U45A0124	N.TEJA	Attended
3	18U45A0151	S.UMA MAHESH	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II  
**COURSE INSTRUCTOR** :S.NAVEEN KUMAR

1. Write the factor of safety against a slope made up of pure clay
2. What are the Different types of slope failures

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

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEENKUMAR	Attended



## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II

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

- 1 What is the depth of tension crack in clay backfill?
- 2 Differentiate critically between Rankine and Coulomb theories of earth pressure

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II  
**COURSE INSTRUCTOR**: S.NAVEEN KUMAR

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

1. Write the assumptions of Terzaghi are bearing capacity theory and discuss their limitations.
2. What is general shear failure? Write a note.

#### List of students for the Remedial Class.

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2	18U45A0124	BOTLA TARUN	Attended
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4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II  
**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

1 Discuss about pile load tests and interpretation of results

2. A group of 12 piles each having a diameter of 500 mm and 30m long supports a column. The piles are arranged in 3 rows and spaced at 1.25m c/c. The properties of the foundation soil (clay) are as follows: Unit weight =  $11 \text{ kN/m}^3$  , Unconfined compressive strength =  $100 \text{ kN/m}^2$  . Determine the capacity of the pile group. Assume adhesion factor as 0.6. permeameter.

#### List of students for the Remedial Class.

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3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II  
**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

1. Discuss the various kinds of forces likely to act on a well foundation
2. What is 'Grip Length' of well? What are the considerations in the determination of the grip length?.

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

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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II  
**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

1. Discuss with neat sketches any two boring methods used in soil exploration

2. What is undisturbed soil sample?

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

#### List of students for the Remedial Class.

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**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical  
**engineering-II**  
**COURSE INSTRUCTOR** :  
**S.NAVEEN KUMAR**

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

1. Discuss the Taylors stability number approach for factor of safety against slope failure.
2. What are the reasons for steady seepage in an earth dam? Discuss its effect on downstream slope failure.

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

**List of students for the Remedial Class.**

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3	18U45A0130	JAGARAPU YASWANTH	Attended
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5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEENKUMAR	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

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

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

1 A retaining wall, 6 m high, retains dry sand with an angle of friction of  $30^\circ$  and unit weight of  $16.2 \text{ kN/m}^3$ . Determine the active earth pressure force and its position from bottom of wall. If the water table rises to the top of the wall, determine the increase in the thrust on the wall. Assume the submerged unit weight of sand as  $10 \text{ kN/m}^3$

2 ) Explain the following with neat sketches (i) active earth pressure (ii) at rest earth pressure and (iii) passive earth pressure.

#### List of students for the Remedial Class.

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3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEENKUMAR	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II  
**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

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

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

1. Discuss the tolerable settlements of various structures
2. A 1.8 m square column is founded at a depth of 1.8 m in sand, for which the corrected N- value is 24. The water table is at a depth of 2.7 m. Determine the net allowable bearing pressure for a permissible settlement of 40 mm and a factor of safety of 3 against shear failure.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEENKUMAR	Attended



## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**CLASS** : IV B.Tech I-Sem., CE

**ACADEMIC YEAR** : 2020-2021

**COURSE NAME & CODE** : Geotechnical engineering-II

**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

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

1. What is group effect and how will you estimate the capacity of a pile group in sand? Discuss.
2. A square pile 0.3m size penetrates a soft clay with unit cohesion of 85 kN/m<sup>2</sup> for a depth of 16 m and rests on stiff soil. Determine the capacity of the pile, if the unit cohesion of stiff clay is 180 kPa. Assume an adhesion factor of 0.70.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEENKUMAR	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II  
**COURSE INSTRUCTOR**: S.NAVEEN KUMAR

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.

1. Discuss various shapes of well foundation with their practical relevance.
2. What is grip length of well foundation? Discuss how it is estimated as per the Indian standard code of practice.

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

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEENKUMAR	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-I  
**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

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.

- 1 How do you judge the disturbing effect of soil-sampler?
2. Explain briefly how do you plan an exploration programme for a housing colony.

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

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S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEENKUMAR	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : CTM  
**COURSE INSTRUCTOR** : P.LAVANYA

1. Explain the grades of concrete recommended for different types of works?
2. Explain the factors affecting workability of strength of concrete?

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

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U45A0102	BADAMPUDI RAVICHINNA	Attended
2	17U45A0108	CHUKKALA JAGADISHLOVA SAIRAM	Attended
3	17U45A0109	DEKKA RAMCHANDU	Not Attended
4	17U45A0110	DEVI POLAMARASETTY	Attended
5	17U45A0111	GEDUTHURI RAMYA	Attended
6	17U45A0112	GODDU ASIRINAIDU	Attended
7	17U45A0108	CHUKKALA JAGADISHLOVA SAIRAM	Attended
8	17U45A0109	DEKKA RAMCHANDU	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : CTPM  
**COURSE INSTRUCTOR** : P.LAVANYA

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

1.Explain various contract systems available in construction industry?

2 Explain the need for calling of tenders?

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U45A0102	BADAMPUDI RAVICHINNA	Attended
2	17U45A0108	CHUKKALA JAGADISHLOVA SAIRAM	Attended
3	17U45A0109	DEKKA RAMCHANDU	Attended
4	17U45A0110	DEVI POLAMARASETTY	Attended
5	17U45A0111	GEDUTHURI RAMYA	Not Attended
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**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : CTPM  
**COURSE INSTRUCTOR** : P.LAVANYA

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

- 1.State any three objectives of planning?
- 2.List any three documents to be attached to the signed tender?

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : CTPM  
**COURSE INSTRUCTOR** : P.LAVANYA

- 1.State the financial institution that have come into existence after 1948 in India?
- 2.List any three assisting institutions setup for development of small-scale units?

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
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7	17U45A0108	CHUKKALA JAGADISHLOVA SAIRAM	Not Attended
8	17U45A0109	DEKKA RAMCHANDU	Not Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : CTPM  
**COURSE INSTRUCTOR**: P. LAVANYA

1. Define Contract and contractor?
2. List any three recoveries to be made from bills to be paid to contractor?

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

#### List of students for the Remedial Class.

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**PROGRAM** : B.Tech  
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**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : CTPM  
**COURSE INSTRUCTOR** : P. LAVANYA

1. What are the aspects to be considered during preliminary planning?
2. What are the duties of AEE, DEE, EE, SE?

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

#### List of students for the Remedial Class.

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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : CTM  
**COURSE INSTRUCTOR** : P. LAVANYA

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

1. Explain the grades of concrete recommended for different types of works?
2. Explain the factors affecting workability of strength of concrete?

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

#### List of students for the Remedial Class.

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**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : CTPM  
**COURSE INSTRUCTOR:** P. LAVANYA

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

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

- 1.Explain various contract systems available in construction industry?
- 2 Explain the need for calling of tenders?

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**DEPARTMENT OF CIVIL ENGINEERING**

**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : CTPM COURSE  
**INSTRUCTOR** : P. LAVANYA

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

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

- 1.State any three objectives of planning?
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**DEPARTMENT OF CIVIL ENGINEERING**

**Remedial Classes information**

**PROGRAM** : B.Tech  
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**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : CTPM  
**COURSE INSTRUCTOR: P. LAVANYA**

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

- 1.State the financial institution that have come into existence after 1948 in india?
- 2.List any three assisting institutions setup for development of small scale units?

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### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech II-Sem., CE  
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**COURSE NAME & CODE** :CTPM

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.

1. Define Contract and contractor?
2. List any three recoveries to be made from bills to be paid to contractor?

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

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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : CTPM

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.

1. What are the aspects to be considered during preliminary planning ?
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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** :RRS  
**COURSE INSTRUCTOR** : M.R.V.S.GUPTA

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 2-02-2021 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.

- (a) Enlist different tests to be performed to carry out Non Destructive Testing of structures and explain any one in detail
- (b) Define Durability of concrete. Explain factors affecting durability of concrete
  - (a) Explain various demolition techniques
  - (b) State and explain causes and preventive measures of distress in structures

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0132	POLAMARASETTY DIVYA	Attended
2	18U45A0133	N.SAI MANIKANTA	Attended
3	18U45A0142	K.ANIL KUMAR	Attended
4	18U45A0145	M.SAI	Attended
5	18U45A0150	G.ROHITH	Attended



**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : RRS  
**COURSE INSTRUCTOR** : M.R.V.S. GUPTA

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 9-02-2021 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) Describe properties of repair materials and their importance
- (2) Explain various positive and negative effect of temperature on concrete

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0132	POLAMARASETTY DIVYA	Attended
2	18U45A0133	N.SAI MANIKANTA	Attended
3	18U45A0142	K.ANIL KUMAR	Attended
4	18U45A0145	M.SAI	Attended
5	18U45A0150	G.ROHITH	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : RRS COURSE  
**INSTRUCTOR** : M.R.V.S. GUPTA

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 16-02-2021 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) Explain carbonation of concrete in detail.
- 2) Write a brief note on Ferrocement

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0132	POLAMARASETTY DIVYA	Attended
2	18U45A0133	N.SAI MANIKANTA	Attended
3	18U45A0142	K.ANIL KUMAR	Attended
4	18U45A0145	M.SAI	Attended
5	18U45A0150	G.ROHITH	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : RRS  
**COURSE INSTRUCTOR** : M.R.V.S. GUPTA

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 23-02-2021 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) Write short note on expansive cement
- 2) Defining alkali aggregate reaction, explain causes and preventive measures of alkali aggregate reaction

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0132	POLAMARASETTY DIVYA	Attended
2	18U45A0133	N.SAI MANIKANTA	Attended
3	18U45A0142	K.ANIL KUMAR	Attended
4	18U45A0145	M.SAI	Attended
5	18U45A0150	G.ROHITH	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : RRS  
**COURSE INSTRUCTOR** : M.R.V.S. GUPTA

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 3-03-2021 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) Write short note on post Audit activities.
- 2) Write a detailed note on identification of surface water quantity and quality impacts.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0132	POLAMARASETTY DIVYA	Attended
2	18U45A0133	N.SAI MANIKANTA	Attended
3	18U45A0142	K.ANIL KUMAR	Attended
4	18U45A0145	M.SAI	Attended
5	18U45A0150	G.ROHITH	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : RRS  
**COURSE INSTRUCTOR** : M.R.V.S.GUPTA

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 9-03-2021 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) Explain the long term health monitoring techniques for structures
- 2) Explain seismic retrofitting of concrete structures

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0132	POLAMARASETTY DIVYA	Attended
2	18U45A0133	N.SAI MANIKANTA	Attended
3	18U45A0142	K.ANIL KUMAR	Attended
4	18U45A0145	M.SAI	Attended
5	18U45A0150	G.ROHITH	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II  
**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

1. Write the factor of safety against a slope made up of pure clay
2. What are the Different types of slope failures

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

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEENKUMAR	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II  
**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

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

- 1 What is the depth of tension crack in clay backfill?
- 2 Differentiate critically between Rankine and Coulomb theories of earth pressure

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEENKUMAR	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II  
**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

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

1. Write the assumptions of Terzaghi are bearing capacity theory and discuss their limitations.
2. What is general shear failure? Write a note.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEENKUMAR	Attended



## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II  
**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

1 Discuss about pile load tests and interpretation of results

2. A group of 12 piles each having a diameter of 500 mm and 30m long supports a column. The piles are arranged in 3 rows and spaced at 1.25m c/c. The properties of the foundation soil (clay) are as follows: Unit weight = 11 kN/m<sup>3</sup> , Unconfined compressive strength = 100kN/m<sup>2</sup> . Determine the capacity of the pile group. Assume adhesion factor as 0.6. permeameter.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEENKUMAR	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II  
**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

1. Discuss the various kinds of forces likely to act on a well foundation

2. What is 'Grip Length' of well? What are the considerations in the determination of the grip length?.

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

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEENKUMAR	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II  
**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

1. Discuss with neat sketches any two boring methods used in soil exploration
2. What is undisturbed soil sample?

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

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEENKUMAR	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II  
**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

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.

1. Discuss the Taylors stability number approach for factor of safety against slope failure.
2. What are the reasons for steady seepage in an earth dam? Discuss its effect on downstream slope failure.

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

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEENKUMAR	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II  
**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

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

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

1 A retaining wall, 6 m high, retains dry sand with an angle of friction of  $30^\circ$  and unit weight of  $16.2 \text{ kN/m}^3$ . Determine the active earth pressure force and its position from bottom of wall. If the water table rises to the top of the wall, determine the increase in the thrust on the wall. Assume the submerged unit weight of sand as  $10 \text{ kN/m}^3$

2 ) Explain the following with neat sketches (i) active earth pressure (ii) at rest earth pressure and (iii) passive earth pressure.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEENKUMAR	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II  
**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

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

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

1. Discuss the tolerable settlements of various structures
2. A 1.8 m square column is founded at a depth of 1.8 m in sand, for which the corrected N- value is 24. The water table is at a depth of 2.7 m. Determine the net allowable bearing pressure for a permissible settlement of 40 mm and a factor of safety of 3 against shear failure.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEEN KUMAR	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**CLASS** : IV B.Tech I-Sem., CE

**ACADEMIC YEAR** : 2020-2021

**COURSE NAME & CODE** : Geotechnical engineering-II

**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

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

1. What is group effect and how will you estimate the capacity of a pile group in sand? Discuss.
2. A square pile 0.3m size penetrates a soft clay with unit cohesion of 85 kN/m<sup>2</sup> for a depth of 16 m and rests on stiff soil. Determine the capacity of the pile, if the unit cohesion of stiff clay is 180 kPa. Assume an adhesion factor of 0.70.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEENKUMAR	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-II  
**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

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.

1. Discuss various shapes of well foundation with their practical relevance.
2. What is grip length of well foundation? Discuss how it is estimated as per the Indian standard code of practice.

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

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEEN KUMAR	Attended



**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : Geotechnical engineering-I  
**COURSE INSTRUCTOR** : S.NAVEEN KUMAR

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.

1. How do you judge the disturbing effect of soil-sampler?
2. Explain briefly how do you plan an exploration programme for a housing colony.

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

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
2	18U45A0124	BOTLA TARUN	Attended
3	18U45A0130	JAGARAPU YASWANTH	Attended
4	18U45A0132	KANDREGULA SAMPATH KUMAR	Attended
5	18U45A0134	KANDULA RAVI TEJA	Attended
6	18U45A0140	MANDAPAKA KISHORE	Attended
7	18U45A0142	MATHALA PRAVEENKUMAR	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : EIA & M  
**COURSE INSTRUCTOR** : O. SURESH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 2-02-2021 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) a) Give a brief account on cost benefit analysis of EIA.  
b) Discuss about the need of EIA for engineering projects.
- 2) Describe possible changes in the environment by various project activities.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0109	B.Ramesh	Attended
2	18U45A0111	YERRAMSETTY SAI SANKAR	Attended
3	18U45A0115	AMMUJURI VENKATESH	Attended
4	18U45A0122	LALAM SANTHI	Attended
5	18U45A0132	POLAMARASETTY DIVYA	Attended
6	18U45A0133	N.SAI MANIKANTA	Attended
7	18U45A0142	K.ANIL KUMAR	Attended
8	18U45A0145	M.SAI	Attended
9	18U45A0150	G.ROHITH	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : EIA & M  
**COURSE INSTRUCTOR** : O.SURESH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 9-02-2021 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) List out different EIA methods. Explain Ad-hoc methods.
- 2) Describe Environmental media Quality Index method

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0109	B.Ramesh	Attended
2	18U45A0111	YERRAMSETTY SAI SANKAR	Attended
3	18U45A0115	AMMUJURI VENKATESH	Attended
4	18U45A0122	LALAM SANTHI	Attended
5	18U45A0132	POLAMARASETTY DIVYA	Attended
6	18U45A0133	N.SAI MANIKANTA	Attended
7	18U45A0142	K.ANIL KUMAR	Attended
8	18U45A0145	M.SAI	Attended
9	18U45A0150	G.ROHITH	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : EIA & M  
**COURSE INSTRUCTOR** : O.SURESH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 16-02-2021 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) How to assess the impacts on soil and water by mining activity? Explain in detail.
- 2) Explain the impact of developmental activities and land use on environment.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0109	B.Ramesh	Attended
2	18U45A0111	YERRAMSETTY SAI SANKAR	Attended
3	18U45A0115	AMMUJURI VENKATESH	Attended
4	18U45A0122	LALAM SANTHI	Attended
5	18U45A0132	POLAMARASETTY DIVYA	Attended
6	18U45A0133	N.SAI MANIKANTA	Attended
7	18U45A0142	K.ANIL KUMAR	Attended
8	18U45A0145	M.SAI	Attended
9	18U45A0150	G.ROHITH	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : EIA & M  
**COURSE INSTRUCTOR** : O.SURESH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 23-02-2021 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) Explain the Qualitative approaches for prediction of environmental impacts of engineering projects.
- 2) Explain the following approaches for prediction of environmental impacts of engineering projects  
a) Mass balance approaches b) Mathematical modeling approach.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0109	B.Ramesh	Attended
2	18U45A0111	YERRAMSETTY SAI SANKAR	Attended
3	18U45A0115	AMMUJURI VENKATESH	Attended
4	18U45A0122	LALAM SANTHI	Attended
5	18U45A0132	POLAMARASETTY DIVYA	Attended
6	18U45A0133	N.SAI MANIKANTA	Attended
7	18U45A0142	K.ANIL KUMAR	Attended
8	18U45A0145	M.SAI	Attended
9	18U45A0150	G.ROHITH	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : EIA & M  
**COURSE INSTRUCTOR** : O.SURESH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 3-03-2021 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) Write short note on post Audit activities.
- 2) Write a detailed note on identification of surface water quantity and quality impacts.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0109	B.Ramesh	Attended
2	18U45A0111	YERRAMSETTY SAI SANKAR	Attended
3	18U45A0115	AMMUJURI VENKATESH	Attended
4	18U45A0122	LALAM SANTHI	Attended
5	18U45A0132	POLAMARASETTY DIVYA	Attended
6	18U45A0133	N.SAI MANIKANTA	Attended
7	18U45A0142	K.ANIL KUMAR	Attended
8	18U45A0145	M.SAI	Attended
9	18U45A0150	G.ROHITH	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : EIA & M  
**COURSE INSTRUCTOR** : O.SURESH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 9-03-2021 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) Write a note on Preparation of Audit Report
- 2) Write a note on Environmental legislation.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U45A0109	B.Ramesh	Attended
2	18U45A0111	YERRAMSETTY SAI SANKAR	Attended
3	18U45A0115	AMMUJURI VENKATESH	Attended
4	18U45A0122	LALAM SANTHI	Attended
5	18U45A0132	POLAMARASETTY DIVYA	Attended
6	18U45A0133	N.SAI MANIKANTA	Attended
7	18U45A0142	K.ANIL KUMAR	Attended
8	18U45A0145	M.SAI	Attended
9	18U45A0150	G.ROHITH	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** : WWM

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

1	Explain about the cotton textile mill waste
2	Explain about the Breweries waste

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0119	B.Chakri sai swaroop	Attended
3	19U45A0109	B.Sravan sai Dheeraj	Attended
4	19U45A0110	Ch.Meghana	Attended
5.	19U45A0130	M.Satya Sireesha	Not Attended



**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : WWM  
**COURSE INSTRUCTOR** : O.SURESH

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

1	Describe the principles and problems in using ion exchange and its major use for industrial wastewater.
2	Describe the process of removal of phosphates from industrial wastewater

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0119	B.Chakri sai swaroop	Attended
3	19U45A0109	B.Sravan sai Dheeraj	Attended
4	19U45A0110	Ch.Meghana	Attended
5.	19U45A0130	M.Satya Sireesha	Not Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : WWM  
**COURSE INSTRUCTOR** : O.SURESH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 28-01-2021 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	Explain the different stages of waste water treatments
2	Explain the various types of waste volume reduction

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0119	B.Chakri sai swaroop	Attended
3	19U45A0109	B.Sravan sai Dheeraj	Attended
4	19U45A0110	Ch.Meghana	Attended
5.	19U45A0130	M.Satya Sireesha	Not Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : WWM  
**COURSE INSTRUCTOR** : O.SURESH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 04-02-2021 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	Enumerate the basic theories of industrial waste water management and explain the volume reduction
2	Explain the manufacture process of oil refinerier

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0119	B.Chakri sai swaroop	Attended
3	19U45A0109	B.Sravan sai Dheeraj	Attended
4	19U45A0110	Ch.Meghana	Attended
5.	19U45A0130	M.Satya Sireesha	Not Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : WWM  
**COURSE INSTRUCTOR** : O.SURESH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 11-02-2021 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	Explain the sources of food processing wastes and the recommended process for their treatment
2	Explain the sources of sugar mill wastes and the recommended process for their treatment.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0119	B.Chakri sai swaroop	Attended
3	19U45A0109	B.Sravan sai Dheeraj	Attended
4	19U45A0110	Ch.Meghana	Attended
5.	19U45A0130	M.Satya Sireesha	Not Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : WWM  
**COURSE INSTRUCTOR** : O.SURESH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 18-02-2021 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	Explain the manufacture process of tanneries
2	Explain the manufacture process of sugar mill

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0119	B.Chakri sai swaroop	Attended
3	19U45A0109	B.Sravan sai Dheeraj	Attended
4	19U45A0110	Ch.Meghana	Attended
5.	19U45A0130	M.Satya Sireesha	Not Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** :WATER RESOURCES ENGINEERING-I  
**COURSE INSTRUCTOR** : B.SUDHEER

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

. (1) Explain the different methods of determining the average rainfall over a catchment due to a storm. Discuss the relative merits and demerits of the various methods.

(2) What is an intensity duration curve? Write down the general expression for intensity duration relationship of rainfall. Explain the necessity for frequency analysis.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0119	B.Chakri sai swaroop	Attended
3	19U45A0109	B.Sravan sai Dheeraj	Attended
4	19U45A0110	Ch.Meghana	Attended
5.	19U45A0130	M.Satya Sireesha	Not Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : **WATER RESOURCES ENGINEERING-I**  
**COURSE INSTRUCTOR** : **B.SUDHEER**

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

. (a) Explain the following: (i) Evaporation (ii) Transpiration

(iii) Infiltration (iv) consumptive use

(b) Write down the most common empirical formula used to calculate evaporation.

2. (a) Explain the difference between evaporation, interception and transpiration ratio.

(b) Briefly describe any method by which you can measure the evaporation loss from a free water surface.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0119	B.Chakri sai swaroop	Attended
3	19U45A0109	B.Sravan sai Dheeraj	Attended
4	19U45A0110	Ch.Meghana	Attended
5.	19U45A0130	M.Satya Sireesha	Not Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : WATER RESOURCES ENGINEERING-I  
**COURSE INSTRUCTOR** : B.SUDHEER

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 28-01-2021 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.(a). What is runoff? Discuss the factors in details that affect the runoff process  
(b) What are the elements of Unit Hydrograph? Show with a neat sketch? Enumerate the limitations and applications of Unit Hydrograph?
2. (a). Briefly explain about Synthetic Unit Hydrograph? Give its limitations and applications.(b). Given below are the observed flows a storm of 6 hour duration on a stream with a catchment of 600 km<sup>2</sup>. Derive the ordinates of a 6 hour unit hydrograph. Assume the base flow as zero.

Time (hr)	0	6	12	18	24	30	36	48	54	60
Observed flow(m <sup>3</sup> /s)	0	100	200	150	90	60	30	15	5	0

**List of students for the Remedial Class.**

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2	18U41A0119	B.Chakri sai swaroop	Attended
3	19U45A0109	B.Sravan sai Dheeraj	Attended
4	19U45A0110	Ch.Meghana	Attended
5.	19U45A0130	M.Satya Sireesha	Not Attended



**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : WATER RESOURCES ENGINEERING-I  
**COURSE INSTRUCTOR** : : B.SUDHEER

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 04-02-2021 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. a) Describe the Muskingum method of routing an inflow hydrograph through a channel reach.  
(b) What are the basic equations used for flood routing by (i) Hydrologic method and (ii) Hydraulic method.
2. (a) Enumerate the different methods of measuring discharge.  
(b) Describe the Muskingum flood routing .

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0119	B.Chakri sai swaroop	Attended
3	19U45A0109	B.Sravan sai Dheeraj	Attended
4	19U45A0110	Ch.Meghana	Attended
5.	19U45A0130	M.Satya Sireesha	Not Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : WATER RESOURCES ENGINEERING-I  
**COURSE INSTRUCTOR** : : B.SUDHEER

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 11-02-2021 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. (a) What do you understand by recuperation test? Derive the equations used in the test.  
(b) A 30 cm diameter well penetrates 20 m below the static water table. After 24 hours of pumping at 5000 lit/min, the water level in a test well at 100 m away is lowered by 0.5 m and in a well at away, the drawdown is 1 m. What is the transmissibility of the aquifer?
2. (a) Briefly explain the following terms: (i) specific yield (ii) aquifer and aquitard (iii) Darcy's law (iv) storage coefficient of an aquifer.  
(b) A 25 cm well penetrates 50 m below the static water table. After a long period of pumping at a rate of 1000 lpm, the drawdown in the wells 20 m and 40 m from the pumped well is found to be 4 m and 2.5 m respectively. Determine the transmissibility of the aquifer. What is the drawdown in the pumped well?

**List of students for the Remedial Class.**

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1	18U41A0101	B.yashwanth	Attended
2	18U41A0119	B.Chakri sai swaroop	Attended
3	19U45A0109	B.Sravan sai Dheeraj	Attended
4	19U45A0110	Ch.Meghana	Attended
5.	19U45A0130	M.Satya Sireesha	Not Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : WATER RESOURCES ENGINEERING-I  
**COURSE INSTRUCTOR** : : B.SUDHEER

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 18-02-2021 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.(a) Explain briefly about instantaneous unit hydrograph

(b). The ordinates of 6-hr unit hydrograph are given as follows:

Time (hr)	0	3	6	9	12	15	18	21	24	27	30	33	36
6-hr UH ordinates	0	15	24	42	58	78	69	58	43	30	17	15	0

A storm has successive 3-hr rainfall of 3, 5, and 4 cm respectively.  $\phi$ - Index is 0.2 cm/hr, base flow is 53 m<sup>3</sup>/s. Determine the resulting instantaneous unit hydrograph. (a) Explain about clark and nash models.

(b) Explain about kulandaiswamy model

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0119	B.Chakri sai swaroop	Attended
3	19U45A0109	B.Sravan sai Dheeraj	Attended
4	19U45A0110	Ch.Meghana	Attended
5.	19U45A0130	M.Satya Sireesha	Not Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : STRUCTURAL ANALYSIS-II  
**COURSE INSTRUCTOR** : MANOHARINI

1. What is the effect of temperature on three hinged and two hinged arch?
2. State and prove Eddy's theorem?

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

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0106	K.B.chaitanya	Attended
3	18U41A0111	R.santha Kumar	Attended
4	18U41A0118	M.Sai	Attended
5	19U45A0104	A.Pavan	Attended
6	19U45A0106	A.madhusudhan	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : STRUCTURAL ANALYSIS-II  
**COURSE INSTRUCTOR** : MANOHARINI

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

1. What is substitute frame analysis?..
- 2 Explain along with the assumptions, the Portal method for analyzing a building frame subjected to horizontal forces by taking an example.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0106	K.B.chaitanya	Attended
3	18U41A0111	R.santha Kumar	Attended
4	18U41A0118	M.Sai	Attended
5	19U45A0104	A.Pavan	Attended
6	19U45A0106	A.madhusudhan	Attended

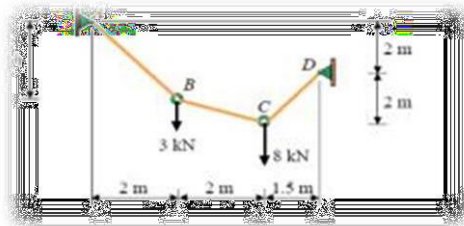
**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : **STRUCTURAL ANALYSIS-II**  
**COURSE INSTRUCTOR** : **MANOHARINI**

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

1. Mention a few applications of cables.

2 Determine the tension in each segment of the cable shown in the figure below. Also, what is the dimension h ?



**List of students for the Remedial Class.**

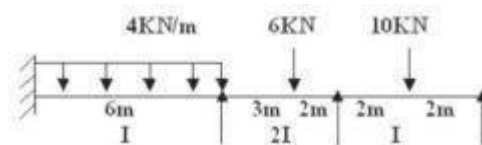
S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0106	K.B.chaitanya	Attended
3	18U41A0111	R.santha Kumar	Attended
4	18U41A0118	M.Sai	Attended
5	19U45A0104	A.Pavan	Attended
6	19U45A0106	A.madhusudhan	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : STRUCTURAL ANALYSIS-II  
**COURSE INSTRUCTOR** : MANOHARINI

1. Explain the Kani's method for the frames with columns of equal height and subjected to horizontal loads with fixed ends and also hinged ends.



2. Analyse the Continuous beam shown in figure using Kani's method.

#### List of students for the Remedial Class.

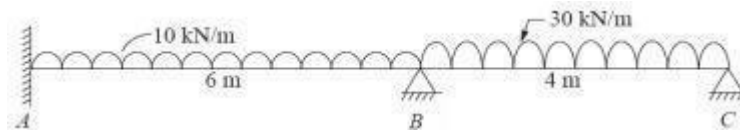
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3	18U41A0111	R.santha Kumar	Attended
4	18U41A0118	M.Sai	Attended
5	19U45A0104	A.Pavan	Attended
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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : STRUCTURAL ANALYSIS-II  
**COURSE INSTRUCTOR** : MANOHARINI

1. Analyse the continuous beam shown in Figure by the moment distribution method. Draw the bending moment diagram and shear force diagram. The beam is of uniform section.



2. Why is the moment distribution method called displacement method.

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

#### List of students for the Remedial Class.

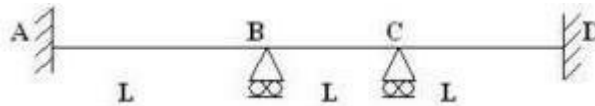
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3	18U41A0111	R.santha Kumar	Attended
4	18U41A0118	M.Sai	Attended
5	19U45A0104	A.Pavan	Attended
6	19U45A0106	A.madhusudhan	Attended



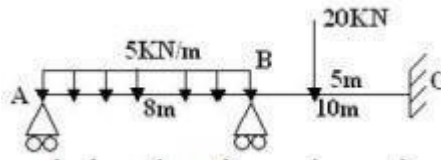
**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : STRUCTURAL ANALYSIS-II  
**COURSE INSTRUCTOR** : MANOHARINI

1. Using the displacement method, analyse the continuous beam shown in figure , if spans AB& BC carry a u.d.l. of  $p/\text{unit length}$ . Hence calculate bending moments at B& C. EI is constant.



2. Using the force method, analyse the continuous beam shown in figure, treating the bending moments at B&C as redundants. Hence calculate support reactions. EI is constant.



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

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0106	K.B.chaitanya	Attended
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4	18U41A0118	M.Sai	Attended
5	19U45A0104	A.Pavan	Attended
6	19U45A0106	A.madhusudhan	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : STRUCTURAL ANALYSIS-II  
**COURSE INSTRUCTOR** : MANOHARINI

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

1. A three hinged parabolic arch hinged at the crown and springing has a horizontal span of 12m and a central rise of 2.5m. it carries a udl of 30 kN/m run over the left hand half of the span. Calculate the resultant at the end hinges.
2. A two hinged segmental arch of constant section is of horizontal span 24m and central rise 6m. Calculate the horizontal thrust induced due to a rise in temperature of 30°C if the coefficient of expansion  $\alpha = 12 \times 10^{-6} / \text{oC}$  and  $E = 200 \text{ kN/mm}^2$ . If the rib section is symmetrical and 1m deep. Find the max change in bending stress due to rise in temperature

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

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0106	K.B.chaitanya	Attended
3	18U41A0111	R.santha Kumar	Attended
4	18U41A0118	M.Sai	Attended
5	19U45A0104	A.Pavan	Attended
6	19U45A0106	A.madhusudhan	Attended

## DEPARTMENT OF CIVIL ENGINEERING

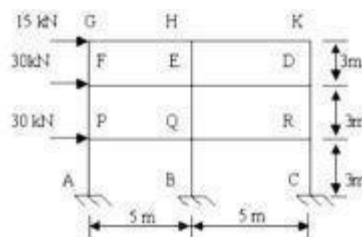
### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : STRUCTURAL ANALYSIS-II  
**COURSE INSTRUCTOR**: MANOHARINI

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

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

1. Explain along with the assumptions, the Portal method for analyzing a building frame subjected to horizontal forces by taking an example
- 2 Analyze the frame shown in figure, for forces in top storey by Cantilever method. Assume that all the columns have equal area of cross-section for the purpose of analysis



### List of students for the Remedial Class.

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6	19U45A0106	A.madhusudhan	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : **STRUCTURAL ANALYSIS-II**  
**COURSE INSTRUCTOR**: **MANOHARINI**

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

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

1. Deduce an expression for general cable theorem?
2. What are stiffening girders? Discuss

**List of students for the Remedial Class.**

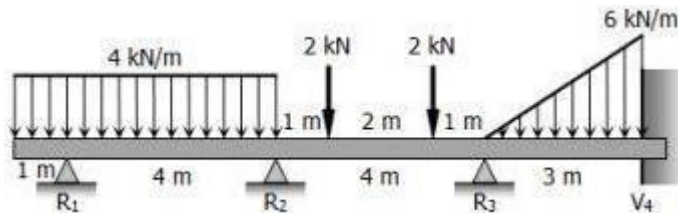
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4	18U41A0118	M.Sai	Attended
5	19U45A0104	A.Pavan	Attended
6	19U45A0106	A.madhusudhan	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : **STRUCTURAL ANALYSIS-II**  
**COURSE INSTRUCTOR** : **MANOHARINI**

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

1. Compute the moments over the supports of the beam shown in Figure below



Explain the two cycle moment distribution method for maximum negative moments at various joints of a frame with an example.

**List of students for the Remedial Class.**

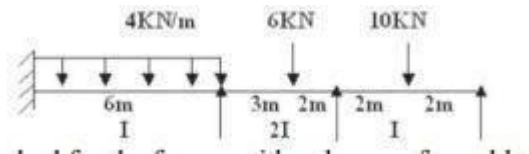
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4	18U41A0118	M.Sai	Attended
5	19U45A0104	A.Pavan	Attended
6	19U45A0106	A.madhusudhan	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : **STRUCTURAL ANALYSIS-II**  
**COURSE INSTRUCTOR** : **MANOHARINI**

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.

1. Analyse the Continuous beam shown in figure using Kani's method



2. Explain the Kani's method for the frames with columns of equal height and subjected to horizontal loads with fixed ends and also hinged ends..

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

**List of students for the Remedial Class.**

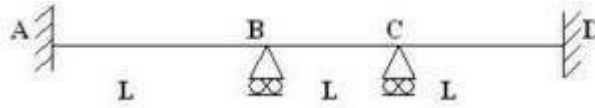
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4	18U41A0118	M.Sai	Attended
5	19U45A0104	A.Pavan	Attended
6	19U45A0106	A.madhusudhan	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : **STRUCTURAL ANALYSIS-II**  
**COURSE INSTRUCTOR** : **MANOHARINI**

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.

1. Explain the matrix approach to structural analysis of continuous beams .
2. Using the displacement method, analyse the continuous beam shown in figure , if spans AB& BC carry a u.d.l. of  $p$ /unit length. Hence calculate bending moments at B& C. EI is constant.



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

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6	19U45A0106	A.madhusudhan	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2019-2020  
**COURSE NAME & CODE** : Geotechnical engineering-I

1. What are different types of soil structures which can occur in nature? Describe in brief
2. What are the factors that affect the compaction? Discuss in brief

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

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0106	K.B.chaitanya	Attended
3	18U41A0111	R.santha Kumar	Attended
4	18U41A0118	M.Sai	Attended
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6	19U45A0106	A.madhusudhan	Attended



## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech

**CLASS** : III B.Tech II-Sem., CE

**ACADEMIC YEAR** : 2019-2020

**COURSE NAME & CODE** : Geotechnical engineering-I

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

1. Write short notes on the determination of shrinkage limit test
- 2 Define (i) Stokes' law and (ii) Flow index.

#### List of students for the Remedial Class.

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1	18U41A0101	B.yashwanth	Attended
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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2019-2020  
**COURSE NAME & CODE** : Geotechnical engineering-I

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

1. What are the assumptions made in the Darcy's law?
2. Describe in detail the Indian System of soil classification. When would you use dual symbols for soils?

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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2019-2020  
**COURSE NAME & CODE** : Geotechnical engineering-I  
**COURSE INSTRUCTOR** : G.NARAHARI

1. Differentiate the Boussinesq's and Westergaard's theories
2. Derive the expression for the coefficient of permeability as obtained from the variable head permeameter.

#### List of students for the Remedial Class.

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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2019-2020  
**COURSE NAME & CODE** : Geotechnical engineering-I  
**COURSE INSTRUCTOR** : G.NARAHARI

1. Explain in detail the construction of Newmark's chart with an influence value of 0.005.
2. Draw a typical time-consolidation curve for an increment of load and show the process of consolidation.

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

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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2019-2020  
**COURSE NAME & CODE** : Geotechnical engineering-I  
**COURSE INSTRUCTOR** : G.NARAHARI

1. Sketch the stress-strain relationship for dense and loose sand.
2. What are the advantages and disadvantages of a triaxial compression test? Briefly explain how to conduct the test and compute the shear parameters for the soil from the test data.

**Topics Covered:** Solutions of the Problems given in Previous JNTU Kakinada were discussed  
**List of students for the Remedial Class.**

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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2019-2020  
**COURSE NAME & CODE** : Geotechnical engineering-I  
**COURSE INSTRUCTOR** : G.NARAHARI

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

1. Calculate the dry unit weight, the saturated unit weight and the buoyant unit weight of a soil having a void ratio of 0.70 and a value of  $G_s$  of 2.72. Calculate also the unit weight and water content at a degree of saturation of 75%
2. What are different types of soil structures which can occur in nature? Describe in brief

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

#### List of students for the Remedial Class.

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**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2019-2020  
**COURSE NAME & CODE** : Geotechnical engineering-I  
**COURSE INSTRUCTOR**: G.NARAHARI

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

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

1. A sample of soil of mass 40 g is dispersed in 1000 ml of water. How long after the commencement of sedimentation should the hydrometer reading is taken in order to estimate the percentage of particles less than 0.002 mm effective diameter? The center of the bulb is at an effective depth of 20 cm below the surface of the water. Take  $\mu = 0.01$  poise.  $\rho_s = 2.70$  and

2 Briefly describe the procedure to determine the Liquid Limit of a soil.

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6	19U45A0106	A.madhusudhan	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2019-2020  
**COURSE NAME & CODE** : Geotechnical engineering-I  
**COURSE INSTRUCTOR**: G.NARAHARI

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

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

1. Differentiate between 'Constant Head type' and 'Variable Head type' permeameters. Are both of them required in the laboratory? If so, why?

2. A concrete dam is constructed across a river over a permeable stratum of soil of limited thickness. The water heads are upstream side 16 m and 2 m on the downstream side. The flow net constructed under the dam gives  $N_f = 4$  and  $N_d = 12$ . Calculate the seepage loss through the subsoil, if the average value of the hydraulic conductivity is  $6 \times 10^{-3}$  cm/sec horizontally and  $3 \times 10^{-4}$  cm/sec vertically. Calculate the exit gradient, if the average length of the last field is 0.9 m. Assuming  $e = 0.56$ , and  $G_s = 2.65$ , determine the critical gradient. Comment on the stability of the river bed on the downstream side

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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2019-2020  
**COURSE NAME & CODE** : Geotechnical engineering-I  
**COURSE INSTRUCTOR**: G.NARAHARI

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

1. Using Boussinesq's expression, derive the expression for vertical stress at depth,  $h$ , under the centre of a circular area of radius,  $a$ , loaded uniformly with a load,  $q$ , at the surface of the mass of soil.
2. Explain the concept of 'Pressure Bulb' in soils.

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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

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**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2019-2020  
**COURSE NAME & CODE** : Geotechnical engineering-I  
**COURSE INSTRUCTOR**: G.NARAHARI

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.

1. Discuss the spring analogy for primary consolidation. What are its uses?
2. A saturated soil stratum 4 m thick lies above an impervious stratum and below a previous stratum. It has a void ratio of 1.50 at an initial pressure of 150 kN/m<sup>2</sup> .
  - i) Compute the change in void ratio due to an increase of stress of 50 kN/m<sup>2</sup> . Take  $C_c = 0.20$ .
  - ii) Also compute the final settlement of the soil stratum due to above increase in stress.
  - iii) What would be the time required for 50 percent consolidation? Take  $k = 3.0 \times 10^{-4}$  cm/sec.

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

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**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2019-2020  
**COURSE NAME & CODE** : **Geotechnical engineering-I**  
**COURSE INSTRUCTOR** : **G.NARAHARI**

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.

1. Differentiate between shear strength parameters obtained from total and effective stress.
2. Samples of compacted, clean, dry sand were tested in a shear box, 6 cm × 6 cm, and the following observations were recorded:
  - Normal load (N): 100 200 300
  - Peak shear load (N): 90 180 270
  - Ultimate shear load (N): 75 150 225

Determine the angle of shearing resistance in (a) the dense state and in (b) the loose state.

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

**List of students for the Remedial Class.**

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5	19U45A0104	A.Pavan	Attended
6	19U45A0106	A.madhusudhan	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : DDSS  
**COURSE INSTRUCTOR** : K.SANTHOSH

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

- 1) A tie member consists of two ISMC 250. The channels are connected on either side of a 12mm thick gusset plate. Design the welded joint to develop the full strength of the tie. However the overlap is to be limited to 400mm.
- 2) What are the advantages and disadvantages of steel structures?

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0108	A.sai	Attended
3	18U41A0118	Malla sai kumar	Attended
4	18U41A0119	B.Chakri sai swaroop	Attended
5.	19U45A0109	B.Sravan sai Dheeraj	Attended
6.	19U45A0110	Ch.Meghana	Attended
7.	19U45A0130	M.Satya Sireesha	Not Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : DDSS  
**COURSE INSTRUCTOR** :K.SANTHOSH

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

- 1) Describe the Difference between laterally supported and unsupported beam?
- 2) An ISMB 500 section is used as a beam over a span of 6m, with simply supported ends. Determine the maximum factored uniformly distributed load that the beam can carry if the ends are restrained against torsion but compression flange is laterally unsupported.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0108	A.sai	Attended
3	18U41A0118	Malla sai kumar	Attended
4	18U41A0119	B.Chakri sai swaroop	Attended
5.	19U45A0109	B.Sravan sai Dheeraj	Attended
6.	19U45A0110	Ch.Meghana	Attended
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**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : DDSS  
**COURSE INSTRUCTOR** :K.SANTHOSH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 28-01-2021 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) Determine the design angle tension member ISA 75 X 50 X 8 connected on each side of a 10mm thick gusset plate, to carry axial factored load 375KN. Use M20 black bolts. Assume shop connection.
- 2) Determine the design tensile strength of a roof truss member 2 ISA 90 x 60 x 6mm connected to the gusset plate of 8mm thickness by 4 mm weld. The effective length of the weld is 200mm.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0108	A.sai	Attended
3	18U41A0118	Malla sai kumar	Attended
4	18U41A0119	B.Chakri sai swaroop	Attended
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7.	19U45A0130	M.Satya Sireesha	Not Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : DDSS  
**COURSE INSTRUCTOR** :K.SANTHOSH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 04-02-2021 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) Explain the design procedure for lacing and battening lateral system.
- 2) A column section ISHB 300 @ 577 N/m is carrying a factored load of 600KN, a factored moment of 30KN-m and factored shear-force of 60KN .Design a suitable column splice. Assume ends are milled.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0108	A.sai	Attended
3	18U41A0118	Malla sai kumar	Attended
4	18U41A0119	B.Chakri sai swaroop	Attended
5.	19U45A0109	B.Sravan sai Dheeraj	Attended
6.	19U45A0110	Ch.Meghana	Attended
7.	19U45A0130	M.Satya Sireesha	Not Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : DDSS  
**COURSE INSTRUCTOR** : K.SANTHOSH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 11-02-2021 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 slab base for a column ISHB 300@ 577 N/m carrying an axial factored load of 1000kN, M20 concrete is used for the foundation. Provide welded connection between column and base plate.
- 2) Design a gusseted base to carry an axial factored load of 3000KN. The column is ISHB 450@ 855 N/m with two 250 x 22 mm cover plates on either side. The effective height of the column is 5m. The column is to rest on M20 Concrete pedestal.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0108	A.sai	Attended
3	18U41A0118	Malla sai kumar	Attended
4	18U41A0119	B.Chakri sai swaroop	Attended
5.	19U45A0109	B.Sravan sai Dheeraj	Attended
6.	19U45A0110	Ch.Meghana	Attended
7.	19U45A0130	M.Satya Sireesha	Not Attended



**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : DDSS  
**COURSE INSTRUCTOR** : K.SANTHOSH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 18-02-2021 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 gantry girder to carry an overhead electrically operated crane for the following data:  
Span of gantry girder=6.0m,  
span of crane girder =18m,  
crane capacity =200kN,  
self weight crane girder=180kN,  
self weight of trolley=75 kN,  
Minimum hook approach=1.0 m,  
Distance between wheels=3.5m,  
self weight of rails=0.3kN/m, Draw to scale the cross section and longitudinal section
- 2) Describe briefly about gantry girder and gantry girder with neat sketches.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0108	A.sai	Attended
3	18U41A0118	Malla sai kumar	Attended
4	18U41A0119	B.Chakri sai swaroop	Attended
5.	19U45A0109	B.Sravan sai Dheeraj	Attended
6.	19U45A0110	Ch.Meghana	Attended
7.	19U45A0130	M.Satya Sireesha	Not Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020- 2021  
**COURSE NAME &CODE** : SOM II

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. Derive the expression for a member is subjected to direct stress in mutually perpendicular direction
2. Define mohr's circle and explain any example problem

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravaniJyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** :SOM II

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. Derivation of shear stress produced in a circular shaft subjected to torsion
2. Expression for the torque in terms of polar moment of inertia

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravaniJyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** :SOM II

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. Expression for the crippling load when one end is fixed and other end is free
2. Explain about rankines formulae

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravaniJyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** :SOM II

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. Derive the resultant stress when a column of rectangular section which is subjected to an eccentric load
2. Explain about trapezoidal dam when water face is vertical

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravaniJyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** :SOM II

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 about thick cylinders
2. Explain about lame' formulae

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravaniJyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** :SOM II

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 hollow square column of external depth of 1m and external width of 1m is 10 cm thick .calculate the max and min stresses in the section of the column if vertical load 200kN acting with an eccentric 20cm
2. Determine the max and min hoop stresses across the pipe of 400mm and internal dia 100mm thick when the pipe contains a fluid at a pressure  $8\text{N/mm}^2$  also sketch the radial pressure distribution and hoop stress distribution across the section

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravaniJyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** :SOM II

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. Derive the expression for a member is subjected to direct stress in mutually perpendicular direction
2. Define mohr's circle and explain any example problem

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
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3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravaniJyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended



**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** :SOM II

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. Derivation of shear stress produced in a circular shaft subjected to torsion
2. Expression for the torque in terms of polar moment of inertia

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
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3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravaniJyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** :SOM II

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. Expression for the crippling load when one end is fixed and other end is free
2. Explain about Rankine's formulae

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravaniJyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** :SOM II

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. Derive the resultant stress when a column of rectangular section which is subjected to an eccentric load
2. A hallow square column of external depth of 1m and external width of 1m is 10 cm thick .calculate the max and min stresses in the section of the column if vertical load 200kNacting with an eccentric 20cm

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravaniJyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** : SOM II

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 about thick cylinders
2. Determine the max and min hoop stresses across the pipe of 400mm and internal dia 100mm thick when the pipe contains a fluid at a pressure  $8\text{N/mm}^2$  also sketch the radial pressure distribution and hoop stress distribution across the section

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravaniJyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** :2020-2021  
**COURSE NAME &CODE** :SOM II

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 any three theories of failures
2. Derive the deflection in open coiled helical spring

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravaniJyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : EG  
**COURSE INSTRUCTOR:** GUPTHA

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 13-08-2020 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) What are the physical parameters of weathering process?  
b) Explain the development of river and valley development.
  
- 2) a) What are the geological agents?  
b) Discuss the geological work of river. Explain the erosional and depositionalland forms made by river.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0108	A.sai	Attended
3	18U41A0118	Malla sai kumar	Attended
4	18U41A0119	B.Chakri sai swaroop	Attended
5.	19U45A0109	B.Sravan sai Dheeraj	Attended
6.	19U45A0110	Ch.Meghana	Attended
7.	19U45A0130	M.Satya Sireesha	Not Attended
8.	19U45A0148	V.Ramu	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : EG  
**COURSE INSTRUCTOR**: GUPTHA

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 20-08-2020 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 follow types of sand stones based on size, shape, mineral composition, structure, types of Shales, types of Lime stones, conglomerates, and laterites.
2. Write the physical properties, crystal system, chemical composition and uses of following minerals. a) Quartz group b) Mica group c) Garnet group

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0108	A.sai	Attended
3	18U41A0118	Malla sai kumar	Attended
4	18U41A0119	B.Chakri sai swaroop	Attended
5.	19U45A0109	B.Sravan sai Dheeraj	Attended
6.	19U45A0110	Ch.Meghana	Attended
7.	19U45A0130	M.Satya Sireesha	Not Attended
8.	19U45A0148	V.Ramu	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : EG  
**COURSE INSTRUCTOR**: GUPTHA

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 27-08-2020 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 Unconformity? Explain the parts and types of Unconformity
2. Define fold? Explain different types of folds.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0108	A.sai	Attended
3	18U41A0118	Malla sai kumar	Attended
4	18U41A0119	B.Chakri sai swaroop	Attended
5.	19U45A0109	B.Sravan sai Dheeraj	Attended
6.	19U45A0110	Ch.Meghana	Attended
7.	19U45A0130	M.Satya Sireesha	Not Attended
8.	19U45A0148	V.Ramu	Attended



## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : EG  
**COURSE INSTRUCTOR**: GUPTHA

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 03-9-2020 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 an earthquake? and b) Explain Terminology and classification of earth quake.
2. a) What are the types of waves?  
b) What is meant by intensity and magnitude of an earthquake? What consideration and safety measures taken building construction in seismic areas?

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0108	A.sai	Attended
3	18U41A0118	Malla sai kumar	Attended
4	18U41A0119	B.Chakri sai swaroop	Attended
5.	19U45A0109	B.Sravan sai Dheeraj	Attended
6.	19U45A0110	Ch.Meghana	Attended
7.	19U45A0130	M.Satya Sireesha	Not Attended
8.	19U45A0148	V.Ramu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : EG  
**COURSE INSTRUCTOR** : GUPTHA

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 10-9-2020 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 principles, methods of seismic refraction method?
2. Write the Principle, Parameters, Equipment and applications of Gravity and Magnetic Methods.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0108	A.sai	Attended
3	18U41A0118	Malla sai kumar	Attended
4	18U41A0119	B.Chakri sai swaroop	Attended
5.	19U45A0109	B.Sravan sai Dheeraj	Attended
6.	19U45A0110	Ch.Meghana	Attended
7.	19U45A0130	M.Satya Sireesha	Not Attended
8.	19U45A0148	V.Ramu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : III B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : EG  
**COURSE INSTRUCTOR** : GUPTHA

Based on the Mid Marks Analysis, a Remedial Class has been scheduled on 17-09-2020 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 influencing factors for a successful reservoir? And explain.
2. What are the types of dams and give their purpose? Explain the influence of rock types for successful construction of dams.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	18U41A0101	B.yashwanth	Attended
2	18U41A0108	A.sai	Attended
3	18U41A0118	Malla sai kumar	Attended
4	18U41A0119	B.Chakri sai swaroop	Attended
5.	19U45A0109	B.Sravan sai Dheeraj	Attended
6.	19U45A0110	Ch.Meghana	Attended
7.	19U45A0130	M.Satya Sireesha	Not Attended
8.	19U45A0148	V.Ramu	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : SOM I  
**COURSE INSTRUCTOR** : K. APPALA NAIDU

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. Derive the relation between young modulus and bulk modulus
2. Draw stress - strain diagram for mild steel. Indicate salient points and define them.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : SOM I  
**COURSE INSTRUCTOR** : K. APPALA NAIDU

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 simply supported beam of length 5m carries a uniformly increasing load of 800 N/m run at one end to 1600 N/m run at the other end. Draw the S.F. and B.M. diagrams for the beam.
2. A cantilever beam of length 2m carries an uniformly distributed load of 3KN/m over a length of 1.5m from its fixed end and a point load 5 KN at its free end. Draw the shear force and bending moment diagrams

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : SOM I  
**COURSE INSTRUCTOR** : K.APPALA NAIDU

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 the assumptions made in the theory of simple bending
2. A timber cantilever 200 mm wide and 300 mm deep is 3 m long. It is loaded with a U.D.L of 3kN/m over the entire length. A point load of 2.7 kN is placed at the free end of the cantilever. Find the maximum bending stress produced.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : SOM I  
**COURSE INSTRUCTOR** : K.APPALA NAIDU

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. Calculate the section modulus for rectangle, hallow rectangle, circle, hallow circle.
2. Find the expression for the slope and deflection of a cantilever of length L which carries a uniformly distributed load over a length 'a' from the fixed end by Moment area method

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : SOM I  
**COURSE INSTRUCTOR** : K.APPALA NAIDU

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. Deduce the longitudinal stress for a thin spherical shell subjected to an internal pressure
2. A boiler shell is made of 15 mm thick plate having a limiting tensile stress of 125 N/mm<sup>2</sup>. If the longitudinal and circumferential efficiencies are 70% and 60% respectively, determine the maximum diameter of the shell. The allowable maximum pressure is 2.2 N/mm<sup>2</sup>

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
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4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended



**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : SOM I  
**COURSE INSTRUCTOR** : K.APPALA NAIDU

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. Derive formulae for longitudinal and circumferential stresses of Thin cylinder
2. Deduce the longitudinal stress for a thin spherical shell subjected to an internal pressure

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : SOM I  
**COURSE INSTRUCTOR** : K.APPALA NAIDU

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. Derive the relation between young modulus and bulk modulus
2. Derive the relation between young modulus and modulus of rigidity

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : SOM I  
**COURSE INSTRUCTOR** : K.APPALA NAIDU

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 simply supported beam of length 5m carries a uniformly increasing load of 800 N/m run at one end to 1600 N/m run at the other end. Draw the S.F. and B.M. diagrams for the beam
2. Explain the Concept of shear force and bending moment with neat sketches

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : SOM I  
**COURSE INSTRUCTOR** : K.APPALA NAIDU

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 the assumptions made in the theory of simple bending
2. A water main 80 cm diameter contains water at a pressure head of 100 m. If the density of water is  $9810 \text{ N/m}^3$ , find the thickness of the metal required for the water main. Given the permissible stress as  $20 \text{ N/mm}^2$

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : SOM I  
**COURSE INSTRUCTOR** : **K. APPALA NAIDU**

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. Find the expression for the slope and deflection of a cantilever of length L which carries a uniformly distributed load over a length 'a' from the fixed end by Moment area method
2. A cantilever of length 3 m carries a uniformly distributed load of 15kN/m over a length of 2 m from the free end. If  $I=10^8 \text{ mm}^4$  and  $E=2 \times 10^5 \text{ N/mm}^2$ , find (i) Slope at the free end and (ii) Deflection at the free end.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : SOM I  
**COURSE INSTRUCTOR** : K. APPALA NAIDU

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. Deduce the longitudinal stress for a thin spherical shell subjected to an internal pressure
2. What is the radial pressure and hoop stresses for a thick spherical shell?

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : SOM I  
**COURSE INSTRUCTOR** : K. APPALA NAIDU

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 boiler shell is made of 15 mm thick plate having a limiting tensile stress of 125 N/mm<sup>2</sup>. If the longitudinal and circumferential efficiencies are 70% and 60% respectively, determine the maximum diameter of the shell. The allowable maximum pressure is 2.2 N/mm<sup>2</sup>
2. Deduce the longitudinal stress for a thin spherical shell subjected to an internal pressure

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : FM  
**COURSE INSTRUCTOR** : K. APPALANAIDU

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. Define specific weight, mass density, specific volume and also write the units? Define mohr's circle and explain any example problem
2. If 200m<sup>3</sup> of fluid has a weight of 1060 N measured on the planet having acceleration due to gravity 6.625 m/s<sup>2</sup>, what will be its specific volume.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended



**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : FM  
**COURSE INSTRUCTOR** : K.APPALA NAIDU

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. If the dynamic viscosity of a fluid is 0.5 poise and specific gravity is 0.5, determine the kinematic viscosity of that fluid in stokes?
2. Define rotational and irrotational flows., State steady and unsteady flows.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : FM  
**COURSE INSTRUCTOR** : K.APPALA NAIDU

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. Express pressure in terms of various units and also Express the relation between absolute pressure and gauge pressure
2. Explain the importance of manometer with the neat sketch and discuss in detail the principle of working the manometers

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : FM  
**COURSE INSTRUCTOR** : K.APPALA NAIDU

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 is Venturimeter and define its working principle
2. Define laminar, turbulent and transitional flows in a pipe.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : FM  
**COURSE INSTRUCTOR** : K.APPALA NAIDU

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 is Euler's equation? How will you obtain Bernoulli's equation from it.
2. A hollow square column of external depth of 1m and external width of 1m is 10 cm thick.calculate the max and min stresses in the section of the column if vertical load 200kNacting with an eccentric 20cm

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
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4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : FM  
**COURSE INSTRUCTOR** : K.APPALA NAIDU

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. Define displacement thickness
2. Define Energy thickness

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : FM  
**COURSE INSTRUCTOR** : K.APPALA NAIDU

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. Define specific weight, mass density, specific volume and also write the units?
2. Define mohr's circle and explain any example problem
3. Explain the phenomenon of viscosity with a neat diagram? And also derive the expression for viscosity?

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : FM  
**COURSE INSTRUCTOR** : K.APPALA NAIDU

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 intensity of pressure developed by surface tension of 0.075 N/m in a droplet of water of 0.075mm diameter?
2. Obtain an expression for continuity equation for a 3-D Flow.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : FM  
**COURSE INSTRUCTOR** : K. APPALA NAIDU

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. How the pressure at a point can be measured using various devices.
2. Define Uniform and non- uniform, Compressible and non- compressible, ideal and non-ideal fluids

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
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5	20U45A0124	G.Bangaru Naidu	Attended



**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : FM  
**COURSE INSTRUCTOR** : K. APPALANAIDU

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. Define compressible and incompressible flows.Explain about trapezoidal dam when water face is vertical
2. Define an orifice meter AND its working principle

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME &CODE** : FM  
**COURSE INSTRUCTOR** : K. APPALANAIDU

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. Define displacement thickness
2. Define Energy thickness

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
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4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : FM  
**COURSE INSTRUCTOR** : K. APPALANAIDU

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 horizontal Venturimeter with inlet and throat and diameters 30 cm and 15 cm is used to measure the flow of water. The reading of differential manometer connected to the inlet and throat is 20 cm of mercury. Determine the rate of flow. Take  $C_d = 0.98$ .
2. An oil of specific gravity 0.85 is flowing steadily in a 25 cm diameter pipe at a velocity of 5 m/s. At points X and Y measurements of pressure and elevation are 250 kN/m<sup>2</sup> and 200 kN/m<sup>2</sup> and 15 m and 20 m respectively. Find the loss between two points.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	K.anjali	Attended
2	19U41A0102	K.YuvRaj	Attended
3	20U45A0101	A.bhargav	Attended
4	20U45A0103	B.sravani Jyothi	Attended
5	20U45A0124	G.Bangaru Naidu	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-21  
**COURSE NAME & CODE** : HHM

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. Find the bed slope of trapezoidal channel of bed width 7m, depth of water 4m and side slope of 3 horizontal to 4 vertical, when the discharge through the channel is 40 m<sup>3</sup>/s. Take Chezy's Constant, C= 65.

2. Derive an expression for the discharge through a channel by chezy's formulae

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	KALLA ANJALI	Attended
2	19U41A0102	KIDARI YUVARAJ	Attended
3	20U45A0101	ADARI BARGAVA SAI KRISHNA	Attended
4	20U45A0106	GANDEPALLI GANESH	Attended
5	20U45A0109	KOMARA LAKSHMANA RAO	Attended
6	20U45A0114	MAKIREDDI LOVAPRASAD	Attended
7	20U45A0118	PAYALA CHANDRA KIRAN	Attended
8	20U45A0119	PEELA VARAHA GANESH	Attended
9	20U45A0122	UPPALAPATI VINAY	Attended
10	20U45A0123	VEGI BHARGAV	Attended
11	20U45A0124	BANGARU NAIDU BABU	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-21  
**COURSE NAME & CODE** : HHM  
**COURSE INSTRUCTOR** : E. KEDARESWARI

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 terms: specific energy of a flowing liquid, minimum specific energy, critical depth, critical velocity and alternate depths as applied to non-uniform flow.
2. The depth of flow of water, at a certain section of a rectangular channel of 4m wide is 0.5 m. This discharge through the channel is 16 m<sup>3</sup>/sec. If a hydraulic jump takes place on the downstream side, find the depth of flow after the jump.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	KALLA ANJALI	Attended
2	19U41A0102	KIDARI YUVARAJ	Attended
3	20U45A0101	ADARI BARGAVA SAI KRISHNA	Attended
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5	20U45A0109	KOMARA LAKSHMANA RAO	Attended
6	20U45A0114	MAKIREDDI LOVAPRASAD	Attended
7	20U45A0118	PAYALA CHANDRA KIRAN	Attended
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9	20U45A0122	UPPALAPATI VINAY	Attended
10	20U45A0123	VEGI BHARGAV	Attended
11	20U45A0124	BANGARU NAIDU BABU	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-21  
**COURSE NAME & CODE** : HHM  
**COURSE INSTRUCTOR** : E. KEDARESWARI

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. Prove that for a channel of circular section the depth of flow  $d = 0.95 D$  for maximum discharge where  $d =$  depth of flow and  $D =$  diameter of circular channel.
2. A rectangular channel 5 m wide has depth of water 2 m. The slope of the bed of the channel is 1 in 900 and value of chezy's constant  $C=50$ . It is desired to increase the discharge to a maximum by changing the dimensions of the section for constant area of cross-section, slope of the bed and roughness of the channel.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	KALLA ANJALI	Attended
2	19U41A0102	KIDARI YUVARAJ	Attended
3	20U45A0101	ADARI BARGAVA SAI KRISHNA	Attended
4	20U45A0106	GANDEPALLI GANESH	Attended
5	20U45A0109	KOMARA LAKSHMANA RAO	Attended
6	20U45A0114	MAKIREDDI LOVAPRASAD	Attended
7	20U45A0118	PAYALA CHANDRA KIRAN	Attended
8	20U45A0119	PEELA VARAHA GANESH	Attended
9	20U45A0122	UPPALAPATI VINAY	Attended
10	20U45A0123	VEGI BHARGAV	Attended
11	20U45A0124	BANGARU NAIDU BABU	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-21  
**COURSE NAME & CODE** : HHM  
**COURSE INSTRUCTOR** : E. KEDARESWARI

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. The depth of flow of water, at a certain section of a rectangular channel of 4m wide is 0.5 m. This discharge through the channel is 16 m<sup>3</sup>/sec. If a hydraulic jump takes place on the downstreamside, find the depth of flow after the jump.
2. A 1:50 spillway model has a discharge of 1.25m<sup>3</sup> /s. What is the corresponding prototype discharge? If a flood phenomenon takes 12 hours to occur in the prototype, how long should it take in the model?

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	KALLA ANJALI	Attended
2	19U41A0102	KIDARI YUVARAJ	Attended
3	20U45A0101	ADARI BARGAVA SAI KRISHNA	Attended
4	20U45A0106	GANDEPALLI GANESH	Attended
5	20U45A0109	KOMARA LAKSHMANA RAO	Attended
6	20U45A0114	MAKIREDDI LOVAPRASAD	Attended
7	20U45A0118	PAYALA CHANDRA KIRAN	Attended
8	20U45A0119	PEELA VARAHA GANESH	Attended
9	20U45A0122	UPPALAPATI VINAY	Attended
10	20U45A0123	VEGI BHARGAV	Attended
11	20U45A0124	BANGARU NAIDU BABU	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-21  
**COURSE NAME & CODE** : HHM  
**COURSE INSTRUCTOR** : E. KEDARESWARI

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. Derive the dynamic equation for gradually varied flow in terms of Froude number.
2. A hydraulic jump forms at the downstream end of spillway carrying 18.74 m<sup>3</sup>/sec discharge. If the depth before jump is 0.80 m, determine the depth after the jump and energy loss.

### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	KALLA ANJALI	Attended
2	19U41A0102	KIDARI YUVARAJ	Attended
3	20U45A0101	ADARI BARGAVA SAI KRISHNA	Attended
4	20U45A0106	GANDEPALLI GANESH	Attended
5	20U45A0109	KOMARA LAKSHMANA RAO	Attended
6	20U45A0114	MAKIREDDI LOVAPRASAD	Attended
7	20U45A0118	PAYALA CHANDRA KIRAN	Attended
8	20U45A0119	PEELA VARAHA GANESH	Attended
9	20U45A0122	UPPALAPATI VINAY	Attended
10	20U45A0123	VEGI BHARGAV	Attended
11	20U45A0124	BANGARU NAIDU BABU	Attended



## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : II B.Tech II-Sem., CE  
**ACADEMIC YEAR** : 2020-21  
**COURSE NAME & CODE** :HHM  
**COURSE INSTRUCTOR** : E. KEDARESWARI

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 are the methods of dimensional analysis? Describe the Rayleigh's method for dimensional analysis
2. Write the dimensions for the following quantities (i) pressure intensity (ii) dynamic viscosity (iii) power (iv) surface tension

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	19U41A0101	KALLA ANJALI	Attended
2	19U41A0102	KIDARI YUVARAJ	Attended
3	20U45A0101	ADARI BARGAVA SAI KRISHNA	Attended
4	20U45A0106	GANDEPALLI GANESH	Attended
5	20U45A0109	KOMARA LAKSHMANA RAO	Attended
6	20U45A0114	MAKIREDDI LOVAPRASAD	Attended
7	20U45A0118	PAYALA CHANDRA KIRAN	Attended
8	20U45A0119	PEELA VARAHA GANESH	Attended
9	20U45A0122	UPPALAPATI VINAY	Attended
10	20U45A0123	VEGI BHARGAV	Attended
11	20U45A0124	BANGARU NAIDU BABU	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-21  
**COURSE NAME & CODE** : GIT  
**COURSE INSTRUCTOR** : E. KEDARESWARI

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 werediscussed.

1. What is dewatering? Explain the practical situation and purpose with examples where the dewatering techniques are employed commonly.
2. Explain with neat sketches the electro osmosis technique of dewatering from soil.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0102	KARE GOVINDU	Attended
2	17U41A0103	VANUMU RESHMA SIVA MADHURI	Attended
3	18U45A0103	BODI MEGHANA	Attended
4	18U45A0132	POLAMARASETTY DIVYA	Attended
5	18U45A0137	BUDDHA LAXMANA	Attended
6	18U45A0142	KARUR ANIL KUMAR	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-21  
**COURSE NAME & CODE** : GIT

**COURSE INSTRUCTOR** : E.KEDARESWARI

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 werediscussed.

1. What is grouting? Explain the engineering benefits of grouting of soils.
2. Describe the jet grouting technique of improving the soil with the neat sketches.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0102	KARE GOVINDU	Attended
2	17U41A0103	VANUMU RESHMA SIVA MADHURI	Attended
3	18U45A0103	BODI MEGHANA	Attended
4	18U45A0132	POLAMARASETTY DIVYA	Attended
5	18U45A0137	BUDDHA LAXMANA	Attended
6	18U45A0142	KARUR ANIL KUMAR	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

<b>PROGRAM</b>	:	B.Tech
<b>CLASS</b>	:	IV B.Tech I-Sem., CE
<b>ACADEMIC YEAR</b>	:	2020-21
<b>COURSE NAME &amp; CODE</b>	:	GIT

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 werediscussed.

1. What are the different types of geotextiles? Discuss the differences between geogrids and geocells.
2. Discuss with neat sketches how effective the geocells in transferring the load onto the soft subgrade soil and also controlling the settlements.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0102	KARE GOVINDU	Attended
2	17U41A0103	VANUMU RESHMA SIVA MADHURI	Attended
3	18U45A0103	BODI MEGHANA	Attended
4	18U45A0132	POLAMARASETTY DIVYA	Attended
5	18U45A0137	BUDDHA LAXMANA	Attended
6	18U45A0142	KARUR ANIL KUMAR	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-21  
**COURSE NAME & CODE** : GIT  
**COURSE INSTRUCTOR** : E.KEDARESWSARI

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 werediscussed.

1. What are the different admixtures that are used in expansive clay soil stabilization? Discuss plasticity, swelling and strength characteristics of fly ash treated black cotton soils. Also discuss how calcium chloride modifies the soil characteristics
2. Discuss the assumptions and principles of reinforced earth mechanism. Explain the design steps of reinforced earth walls.

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0102	KARE GOVINDU	Attended
2	17U41A0103	VANUMU RESHMA SIVA MADHURI	Attended
3	18U45A0103	BODI MEGHANA	Attended
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5	18U45A0137	BUDDHA LAXMANA	Attended
6	18U45A0142	KARUR ANIL KUMAR	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-21  
**COURSE NAME & CODE** : GIT

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 werediscussed.

1. What are the shallow soil compaction equipment? Discuss their suitability for different soils.
2. Differentiate the effects of standard and modified compaction on soils

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0102	KARE GOVINDU	Attended
2	17U41A0103	VANUMU RESHMA SIVA MADHURI	Attended
3	18U45A0103	BODI MEGHANA	Attended
4	18U45A0132	POLAMARASETTY DIVYA	Attended
5	18U45A0137	BUDDHA LAXMANA	Attended
6	18U45A0142	KARUR ANIL KUMAR	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE2020-  
**ACADEMIC YEAR** : 21  
**COURSE NAME & CODE** : GIT  
**COURSE INSTRUCTOR** : E. KEDARESWARI

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 werediscussed.

1. Discuss the advantages and applications of reinforced earth structures with neat sketches.
2. Discuss the necessary requirements of geotextiles when used for different hydraulic & mechanical functions.**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0102	KARE GOVINDU	Attended
2	17U41A0103	VANUMU RESHMA SIVA MADHURI	Attended
3	18U45A0103	BODI MEGHANA	Attended
4	18U45A0132	POLAMARASETTY DIVYA	Attended
5	18U45A0137	BUDDHA LAXMANA	Attended
6	18U45A0142	KARUR ANIL KUMAR	Attended

**DEPARTMENT OF CIVIL ENGINEERING**  
**Remedial Classes information**

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-21  
**COURSE NAME & CODE** : GIT  
**COURSE INSTRUCTOR** : E. KEDARESWARI

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 werediscussed.

1. List the objectives of compacting soil and explain the purpose of compaction.
2. Write short notes on the following with reference to dewatering: (i) Horizontal wells (ii) Foundation drains and (iii) Blanket drains

**List of students for the Remedial Class.**

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0103	VANUMU RESHMA SIVA MADHURI	Attended
2	18U45A0132	POLAMARASETTY DIVYA	Attended
3	18U45A0142	KARUR ANIL KUMAR	Attended



## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-21  
**COURSE NAME & CODE** : GIT  
**COURSE INSTRUCTOR** : E. KEDARESWARI

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 werediscussed.

1. What is Dynamic Compaction? Discuss how it is carried out. Also write its benefits and limitations.
2. Discuss with neat sketches the following pre-drainage methods:  
(i) Well points and (ii) Vacuum wells

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0103	VANUMU RESHMA SIVA MADHURI	Attended
2	18U45A0132	POLAMARASETTY DIVYA	Attended
3	18U45A0142	KARUR ANIL KUMAR	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-21  
**COURSE NAME & CODE** :GIT  
**COURSE INSTRUCTOR** : E. KEDARESWARI

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 werediscussed.

1. Explain in brief Ground Improvement Texchniques.
2. Write short notes on the following with reference to dewatering: (i) Horizontal wells (ii) Foundation drains and (iii) Interceptor drains

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0103	VANUMU RESHMA SIVA MADHURI	Attended
2	18U45A0132	POLAMARASETTY DIVYA	Attended
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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-21  
**COURSE NAME & CODE** : GIT  
**COURSE INSTRUCTOR** : E. KEDARESWARI

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 werediscussed.

3. What are the applications of geosynthetics
4. What are the different types of geotextiles? Discuss the differences between geogrids and geocells.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0103	VANUMU RESHMA SIVA MADHURI	Attended
2	18U45A0132	POLAMARASETTY DIVYA	Attended
3	18U45A0142	KARUR ANIL KUMAR	Attended

# 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

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## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-21  
**COURSE NAME & CODE** : GIT

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 werediscussed.

1. What is reinforced earth? Explain the principle involved in the reinforced earth
2. Discuss the jet grouting technique of improving the soil with the neat sketches

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0103	VANUMU RESHMA SIVA MADHURI	Attended
2	18U45A0132	POLAMARASETTY DIVYA	Attended
3	18U45A0142	KARUR ANIL KUMAR	Attended

## DEPARTMENT OF CIVIL ENGINEERING

### Remedial Classes information

**PROGRAM** : B.Tech  
**CLASS** : IV B.Tech I-Sem., CE  
**ACADEMIC YEAR** : 2020-21  
**COURSE NAME & CODE** : GIT  
**COURSE INSTRUCTOR**: E.KEDARESWARI

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 werediscussed.

1. Why grouting is important in soil engineering? Explain in detail the methods of grouting.
2. Why slope stability is required to analyze? Discuss how geo synthetics control the slope failures.

#### List of students for the Remedial Class.

S.No	Student Roll Number	Name of the Student	Attendance
1	17U41A0103	VANUMU RESHMA SIVA MADHURI	Attended
2	18U45A0132	POLAMARASETTY DIVYA	Attended
3	18U45A0142	KARUR ANIL KUMAR	Attended



PRINCIPAL  
Dadi Institute of  
Engineering & Technology  
ANAKAPALLE - 531 002

**DEPARTMENT OF COMPUTER SCIENCE AND  
ENGINEERING**

**REMEDIAL CLASSWORK DETAILS**

**DATE** :  
**PROGRAM** : **B.TECH**  
**CLASS** : **IV-I CSE A & B**  
**ACADEMIC YEAR** : **2020-21**  
**COURSE NAME & CODE** : **WEB TECHNOLOGIES**  
**COURSE INSTRUCTOR** : **MR.G.APPARAO**

S.N O	DATE	TOPIC COVERED IN THE CLASS
1	3/02/2020	Html tags and structure
2	10/02/2020	CSS and frames
3	11/02/2020	Java scripting
4	17/02/2020	Xml schema, XSLT
5	24/03/2020	Document type definition
6	2/03/2020	Perl programming
7	9/03/2020	Ruby programming

S N	Roll No	STUDENT NAME	DATE & STUDENT SIGNATURE						
			3/02/20	10/02/20	11/02/20	17/02/20	24/02/20	2/03/20	9/03
1	17U41A0502	ADARI HARITHA	P	P	P	A	P	P	P
2	17U41A0506	BHAVYA KONATHALA	P	P	P	P	P	P	P
3	17U41A0508	B KASI ANNAPOORNA DEVI	P	P	P	P	A	P	P
4	17U41A0511	B ROSHINI SANGEETHA	P	P	P	A	P	P	P
5	17U41A0515	GODDI SWEETY	P	P	P	P	P	P	P
6	17U41A0521	I PRANAY SAI VARMA	P	P	P	P	A	P	P
7	17U41A0524	KALLEPALLI SHAMINI	P	P	P	A	P	P	P
8	17U41A0534	KONATHALA LOHITHA	P	P	P	P	P	P	P
9	17U41A0538	K SATYA SAI SANTHOSH	P	P	P	A	P	P	P
10	17U41A0541	MALLA NAGU	P	P	P	A	P	P	P
11	17U41A0544	MYCHARLA SRAVANI	P	P	P	P	P	P	P
12	17U41A0552	SARAGADAM LEKHA SRI	P	P	P	P	A	P	P
13		TIRIGSETTI							

	17U41A0554	UPENDRA	P	P	P	A	P	P	P
14	17U41A0556	VEGI TEJASWI	P	P	P	P	P	P	P
15	17U41A0559	YELLAPU DHARANI	P	P	P	P	A	P	P
<b>IV-I CSE B</b>	<b>Roll No</b>	<b>STUDENTNAME</b>	<b>7/02/20</b>	<b>14/02/20</b>	<b>21/02/20</b>	<b>28/02/20</b>	<b>06/02/20</b>	<b>13/03/20</b>	<b>20/03</b>
16	17A61A0548	VELGA AKHILESWARI	P	P	P	A	P	P	P
17	17U41A0563	BODDEDA SIVA PRASAD	P	P	P	P	P	P	P
18	17U41A0566	CHINTA NAVYA SREE	P	P	P	P	P	P	P
19	17U41A0568	DADI BINDUPRIYA	P	P	P	A	P	P	P
20	17U41A0573	KOLLI SRUTHI	P	P	P	P	P	P	P
21	17U41A0577	KOYYA PRIYANKA	P	P	P	P	P	P	P
22	17U41A0580	M BHUVANPREM SAIKUMAR	P	P	P	A	P	P	P
23	17U41A0582	MALLA ADISONIA	P	P	P	P	P	P	P
24	17U41A0586	M SWETHAPRIYA	P	P	P	P	P	P	P
25	17U41A0589	OMMI KIRANMAYI	P	P	P	P	P	P	P
26	17U41A0592	POOLLASURYA PRABHA	P	P	P	P	P	P	P
27	17U41A0593	R L HARSHAPRIYA	P	P	P	P	P	P	P
28	17U41A0594	S MOHAMMAD HAJERA	P	P	P	P	P	P	P
29	17U41A0597	VIROTHI VENKATA SWAROOP	P	P	P	P	A	P	P
30	17U41A05A2	K BHANU PRASANNA	P	P	P	A	P	P	P
31	18U45A0501	BUDDHA DIVYA DURGA	P	P	P	P	P	P	P
32	18U45A0504	S PAVANKALYAN	P	P	P	P	A	P	P
33	18U45A0505	KANDREGULA VANAJA	P	P	P	P	P	P	P
34	18U45A0506	KILLADI SAI SAMPATH	P	P	P	P	P	P	P

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**REMEDIAL CLASSWORK DETAILS**

**DATE** :  
**PROGRAM** : **B.TECH**  
**CLASS** : II-I CSE A&B  
**ACADEMIC YEAR** : **2020-2021**  
**COURSE NAME & CODE** : PYTHON PROGRAMMING  
**COURSE INSTRUCTOR** : MRS.B.RENUKA

S.N O	DATE	TOPIC COVERED IN THE CLASS
1	4/02/2020	Data types in python, features of pp
2	11/02/2020	String methods in pp, loops
3	18/02/2020	Lists and dictionaries
4	25/02/2020	Inheritances in pp, modules creation and accessing
5	3/03/2020	Handling exceptions in pp
6	10/03/2020	File handling in pp
7	17/03/2020	Errors and exceptions in python

**Note:** Based on the NEED BASED Analysis, Remedial Classes are scheduled for the students in the concerned subject

S N	Roll No	STUDENT NAME	DATE & ATTENDANCE						
			4/02	11/02	18/02	25/02	3/03	10/03	17/03
1	19U41A0501	ADARI RAVI SHANKAR	P	P	P	A	P	P	P
2	19U41A0502	ALA VENKATA SOUMYA	P	A	P	P	P	P	P
3	19U41A0503	A SAMARA SIMHA REDDY	P	A	P	P	P	P	P
4	19U41A0506	BODDEDA REECHA	P	P	P	P	A	P	P
5	19U41A0507	CHANDANA DURG APRASAD	P	P	P	P	P	P	P
6	19U41A0508	CHATTI LAKSHMI PRIYANKA	P	P	A	P	P	P	P
7	19U41A0510	C VENKATA ADITYALAHAR	P	P	P	P	P	P	P
8	19U41A0511	DABBIRU SAI KIRAN	P	P	A	P	P	P	P
9	19U41A0512	DADI BALASREEBHARGAVI	P	P	P	P	P	P	P



10	19U41A0519	GEDELA BHAVANA RESHMA	A	P	P	P	P	P	P
11	19U41A0520	GONNABATHULA PAVAN SAI	P	A	P	P	P	P	P
12	19U41A0521	GUDIPATI SRILASYA	P	P	P	P	P	P	P
13	19U41A0534	KARRI VARUN KUMAR	A	P	A	P	P	A	P
14	19U41A0535	KATTAMURI SATYAVATHI	P	P	P	A	P	P	P
15	19U41A0536	KATTAMURI VSN SAILAJA	P	P	P	P	P	P	P
16	19U41A0542	K JASWANTH ADITYA	P	P	P	P	A	P	A
17	19U41A0543	KONATHALA LOHITHA	P	P	P	A	A	P	P
18	19U41A0544	KONATHALA MOWNIKA	P	P	P	P	P	P	P
19	19U41A0545	KOPPAKA SRI GANESH	P	P	P	P	P	P	P
20	19U41A0546	KOTTAPU BHANU PRAKASH	P	P	P	A	P	P	P
21	19U41A0547	KURMADASU SUPRIYA	P	P	P	P	P	A	P
22	19U41A0548	MADAGALA NAVEEN	P	P	P	P	P	A	P
23	19U41A0553	MUDDA SAI CHANDRA	P	P	P	A	P	P	P
24	19U41A0554	MUDDADA RAMYA	P	P	P	P	P	P	P
25	19U41A0555	NAKKA AKHILA SAI	P	P	P	P	A	P	P
26	19U41A0556	NAMA JOSHUA PRUDHVIRAJ	P	P	P	P	A	P	P
27	19U41A0557	NECHUVALA SANTHIKIRAN	P	P	P	A	P	P	P
28	19U41A0558	NEELAPU LIVI ADITYAREDDY	P	P	P	P	P	P	P
29	19U41A0547	KURMADASU SUPRIYA	P	P	P	P	A	P	P

<b>II-I CSE B</b>	<b>6/02</b>	<b>3/02</b>	<b>20/02</b>	<b>27/02</b>	<b>5/03</b>	<b>12/03</b>	<b>19/03</b>
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30	19U41A0561	ARI HEYSHNIKA	P	P	P	A	A	P	P
31	19U41A0563	NOTLA GOVINDA RAJU	P	P	P	P	P	P	P
32	19U41A0565	PANDURI GAYATHRI	P	P	P	P	P	P	P
33	19U41A0568	PILLA RANI	P	P	P	A	P	P	P
34	19U41A0571	RAYI SARATH KUMAR	P	P	P	P	P	A	P
35	19U41A0572	RONGALI DHANASRI	P	P	P	P	P	A	P
36	19U41A0575	SAI PALLAVI MANAPURAM	P	P	P	A	P	P	P
37	19U41A0577	SARVASUDDI RAVALI	P	P	P	P	P	P	P
38	19U41A0579	SIRIMISSETTY REKHA	P	P	P	P	A	P	P
39	19U41A0582	TABASSUM	P	P	P	P	A	P	P
40	19U41A0585	TENTU TARAKESH NAIDU	P	P	P	A	P	P	P
41	19U41A0587	TIRUMALARAJU SAISUREKHA	P	A	P	P	P	P	P
42	19U41A0588	UGGINA BHAVANI	P	A	P	P	P	P	P
43	19U41A0589	VANTAKU SWATHI	P	P	P	P	A	P	P
44	19U41A0591	V SAI LAKSHMI SNEHA	P	P	P	P	P	P	P
45	19U41A0593	VELAGA KALYANI	P	P	A	P	P	P	P
46	19U41A0595	VELPULA VIJAYA KEERTHI	P	P	P	P	P	P	P
47	19U41A0597	VUJJI SRUJANA	P	P	A	P	P	P	P
48	19U41A05A0	YEGIREDDY JAGADEESH	P	P	P	P	P	P	P
49	19U41A05A3	D KUSWANTH SIVA	A	P	P	P	P	P	P
50	19U41A05A5	K. RAKESH	P	A	P	P	P	P	P
51	19U41A05A8	MATTURTHI PRASUNA	P	P	P	P	P	P	P
52	19U41A05B1	PEDDINTI JAYA LAKSHMI	P	P	P	P	P	P	P
53	19U41A05B2	RAPETI PAVAN KUMAR	P	P	A	P	P	P	P

54	19U41A05B4	TEKKALI MONISH	P	P	P	P	P	P	P
55	19U41A05B7	M DURGA PRASAD	A	P	P	P	P	P	P
56	19U41A05B9	B MOUNIKA PADMAJA	P	A	P	P	P	P	P
57	19U41A05C0	DONEL AKHIL	P	P	P	P	P	P	P



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NAAC Accredited Institute, NH-16, Anakapalle, Visakhapatnam-531002, Andhra Pradesh

Dept. Name- CSE

Course/Year/Sem- B. Tech-IV/I

Section- A

Academic Year -2020-21

w.e.f.- 3/02/2020

Class Teacher- :Mr.Y.Dinesh Kumar

Strength:56

**SLOW LEARNERS**

Day / Time	9:00 AM to 9:50 AM	9:50 AM to 10:40 AM	B R E A K	11:00 AM to 11:50 AM	11:50 AM to 12:40 PM	L U N C H	1:30 PM to 2:20 PM	2:20 PM to 3:10 PM	3:10 PM to 4:00 PM		
Monday					WT(RC)						
Tuesday											
Wednesday											
Thursday					CNS(RC)						
Friday											
Saturday											

S. No	Sub. Code	Sub. Name	FACULTY NAME
1	WT	WEB TECHNOLOGIES	MR.G.APPA RAO
2	CNS	CRYPTOGRAPHY AND NETWORK SECURITY	DR.L.PRASANNA KUMAR





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NAAC Accredited Institute, NH-16, Anakapalle, Visakhapatnam-531002, Andhra Pradesh

Dept. Name- CSE      Course/Year/Sem- B. Tech-III/II      Section- B      Academic Year -2020-2021  
w.e.f.- 3/02/2020      Class Teacher- :MrS.T.Sujatha      Strength:43      SLOW LEARNERS

Day / Time	9:00 AM to 9:50 AM	9:50 AM to 10:40 AM	11:00 AM to 11:50 AM	11:50 AM to 12:40 PM	L U N C H	1:30 PM to 2:20 PM	2:20 PM to 3:10 PM	3:10 PM to 4:00 PM	
Monday									
Tuesday		CNS(RC)							
Wednesday									
Thursday									
Friday		WT(RC)							
Saturday									

S. No	Sub. Code	Sub. Name	FACULTY NAME
1	WT	WEB TECHNOLOGIES	MR.G.APPA RAO
2	CNS	CRYPTOGRAPHY AND NETWORK SECURITY	DR.L.PRASANNA KUMAR



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NAAC Accredited Institute, NH-16, Anakapalle, Visakhapatnam-531002, Andhra Pradesh

Dept. Name- CSE      Course/Year/Sem- B. Tech-III/I      Section- A      Academic Year -2020-21

w.e.f.- 03/02/2021      Class Teacher- :Mr.Ch.Dinesh Kumar      Strength:47      SLOW LEARNERS

Day / Time	9:00 AM to 9:50 AM	9:50 AM to 10:40 AM	B R E A K	11:00 AM to 11:50 AM	11:50 AM to 12:40 PM	L U N C H	1:30 PM to 2:20 PM	2:20 PM to 3:10 PM	3:10 PM to 4:00 PM		
Monday					DBMS(RC)						
Tuesday		CD(RC)									
Wednesday											
Thursday											
Friday											
Saturday											

S. No	Sub. Code	Sub. Name	FACULTY NAME
1	CD	COMPILER DESIGN	MRS.G.SUJATHA
2	DBMS	DATABASE MANAGEMENT SYSTEMS	MR.CH.DINESH KUMAR



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NAAC Accredited Institute, NH-16, Anakapalle, Visakhapatnam-531002, Andhra Pradesh

Dept. Name- CSE

Course/Year/Sem- B. Tech-III/I

Section- B

Academic Year -2020-2021

w.e.f.- 03/02/2021

Class Teacher- :MrS.T.Sujatha

Strength:43

**SLOW LEARNERS**

Day / Time	9:00 AM to 9:50 AM	9:50 AM to 10:40 AM	11:00 AM to 11:50 AM	11:50 AM to 12:40 PM	L U N C H	1:30 PM to 2:20 PM	2:20 PM to 3:10 PM	3:10 PM to 4:00 PM	
Monday				CD(RC)					
Tuesday									
Wednesday									
Thursday			DBMS(RC)						
Friday									
Saturday									

S. No	Sub. Code	Sub. Name	FACULTY NAME
1	CD	COMPILER DESIGN	MRS.G.SUJATHA
2	DBMS	DATABASE MANAGEMENT SYSTEMS	MR.CH.DINESH KUMAR





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NAAC Accredited Institute, NH-16, Anakapalle, Visakhapatnam-531002, Andhra Pradesh

Dept. Name- CSE      Course/Year/Sem- B. Tech-III/I      Section- A      Academic Year -2020-21

w.e.f.- 03/02/2021      Class Teacher- :Mr.Ch.Dinesh Kumar      Strength:47      SLOW LEARNERS

Day / Time	9:00 AM to 9:50 AM	9:50 AM to 10:40 AM	B R E A K	11:00 AM to 11:50 AM	11:50 AM to 12:40 PM	L U N C H	1:30 PM to 2:20 PM	2:20 PM to 3:10 PM	3:10 PM to 4:00 PM		
Monday					DBMS(RC)						
Tuesday		CD(RC)									
Wednesday											
Thursday											
Friday											
Saturday											

S. No	Sub. Code	Sub. Name	FACULTY NAME
1	CD	COMPILER DESIGN	MRS.G.SUJATHA
2	DBMS	DATABASE MANAGEMENT SYSTEMS	MR.CH.DINESH KUMAR



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NAAC Accredited Institute, NH-16, Anakapalle, Visakhapatnam-531002, Andhra Pradesh

Dept. Name- CSE

Course/Year/Sem- B. Tech-III/I

Section- B

Academic Year -2020-2021

w.e.f.- 03/02/2021

Class Teacher- :MrS.T.Sujatha

Strength:43

**SLOW LEARNERS**

Day / Time	9:00 AM to 9:50 AM	9:50 AM to 10:40 AM	11:00 AM to 11:50 AM	11:50 AM to 12:40 PM	L U N C H	1:30 PM to 2:20 PM	2:20 PM to 3:10 PM	3:10 PM to 4:00 PM	
Monday				CD(RC)					
Tuesday									
Wednesday									
Thursday			DBMS(RC)						
Friday									
Saturday									

S. No	Sub. Code	Sub. Name	FACULTY NAME
1	CD	COMPILER DESIGN	MRS.G.SUJATHA
2	DBMS	DATABASE MANAGEMENT SYSTEMS	MR.CH.DINESH KUMAR



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Dept. Name- CSE Course/Year/Sem- B. Tech-IV/Section- A

Academic Year –2020-21

w.e.f.-03/02/2020

Class Teacher- :Mr.S.V.S.V.P.RAMARAJU

Strength:56SLOW LEARNERS

Day / Time	9:00 AM to 9:50 AM	9:50 AM to 10:40 AM		11:00 AM to 11:50 AM	11:50 AM to 12:40 PM		1:30 PM to 2:20 PM	2:20 PM to 3:10 PM	3:10 PM to 4:00 PM	
Monday			<b>B R E A K</b>			<b>L U N C H</b>				
Tuesday					PP(RC)					
Wednesday		DS(RC)								
Thursday										
Friday										
Saturday										

S. No	Sub. Code	Sub. Name	FACULTY NAME
1	PP	PYTHON PROGRAMMING	MRS.B.RENUKA
2	DS	DATA STRUCTURES	MRS.G.PUSHPA



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Dept. Name- CSE

Course/Year/Sem- B. Tech-III/II

Section- B

Academic Year —2020-2021

w.e.f.- 03/02/2020

Class Teacher- :MrS.T.Sujatha

Strength:40SLOW LEARNERS

Day / Time	9:00 AM to 9:50 AM	9:50 AM to 10:40 AM	11:00 AM to 11:50 AM	11:50 AM to 12:40 PM		1:30 PM to 2:20 PM	2:20 PM to 3:10 PM	3:10 PM to 4:00 PM
Monday					L U N C H			
Tuesday				DS(RC)				
Wednesday								
Thursday				PP(RC)				
Friday								
Saturday								

S. No	Sub. Code	Sub. Name	FACULTY NAME
1	PP	PYTHON PROGRAMMING	MRS.B.RENUKA
2	DS	DATA STRUCTURES	MRS.G.PUSHPA



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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### REMEDIAL CLASSWORK DETAILS

DATE :  
PROGRAM : B.TECH  
CLASS : II-I CSE A&B  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : DATA STRUCTURES  
COURSE INSTRUCTOR : MRS.G.PUSHPA

S.N O	DATE	TOPIC COVERED IN THE CLASS
1	4/02/20	Data structures operations, asymptotic notations
2	11/02/20	Searching algorithms, linked lists
3	18/02/20	Double linked lists, sparse matrix
4	25/02/20	Simple queues, stacks
5	3/03/20	Binary search tree, avl trees
6	10/03/20	Tree traversals algorithms
7	17/03/20	Graph traversals (bfs,dfs)

**Note:** Based on the NEED BASED Analysis, Remedial Classes are scheduled for the students in the concerned subject

S N	Roll No	STUDENT NAME	DATE & attended						
			4/02	11/02	18/02	25/02	3/03	10/03	17/03
1	19U41A0501	ADARI RAVI SHANKAR	P	P	P	A	P	P	P
2	19U41A0503	A SAMARA SIMHA REDDY	P	P	P	P	P	P	P
3	19U41A0504	PETRUM HARSHA VARDHAN	P	P	P	P	A	P	P
4	19U41A0505	BHESETTI THARUN VAMSI	P	P	P	A	P	P	P
5	19U41A0508	CHATTI LAKSHMI PRIYANKA	P	P	P	P	P	P	P
6	19U41A0509	CHAVA SAI RESHMA	P	P	P	P	A	P	P
7	19U41A0513	DADI ROSHINI	P	P	P	A	P	P	P

8	19U41A0519	GEDELA BHAVANA RESHMA	P	P	P	P	P	P	P
9	19U41A0521	GUDIPATI SRILASYA	P	P	P	P	A	P	P
10	19U41A0523	JAYANTHI SAI	P	P	P	A	P	P	P
11	19U41A0526	KALAGA PRIYA	P	P	P	P	P	P	P
12	19U41A0531	KARANAM SOMESWARI	P	P	P	A	P	P	P
13	19U41A0533	KARRI DIVYA	P	P	P	P	P	P	P
14	19U41A0544	KONATHALA MOWNIKA	P	P	P	P	A	P	P
15	19U41A0545	KOPPAKA SRI GANESH	P	P	P	A	P	P	P
16	19U41A0546	KOTTAPU BHANU PRAKASH	P	P	P	P	P	P	P
17	19U41A0547	KURMADASU SUPRIYA	P	P	P	P	A	P	P
18	19U41A0548	MADAGALA NAVEEN	P	P	P	A	P	P	P
19	19U41A0549	MALLA YOGITHA	P	P	P	P	P	P	P
20	19U41A0550	MARADAPA BHARGAVI	P	P	P	P	A	P	P
21	19U41A0555	NAKKA AKHILA SAI	P	P	P	A	P	P	P
22	19U41A0556	NAMA JOSHUA PRUDHVIRAJ	P	P	P	P	P	P	P
23	19U41A0557	NECHUVALA SANTHI KIRAN	P	P	P	P	A	P	P
24	19U41A0558	NEELAPU LIVI ADITYA REDDY	P	P	P	A	P	P	P
25	19U41A0559	SARIDI SOWMYA	P	P	P	A	P	P	P
26	19U41A0560	TANKALA AMRUTHA SAI	P	P	P	P	P	P	P
<b>II-I CSE-B</b>			<b>4/02</b>	<b>11/02</b>	<b>18/02</b>	<b>25/02</b>	<b>3/03</b>	<b>10/03</b>	<b>17/03</b>
27	19U41A0562	D KAMESHWARI SAI ROSHINI	P	P	P	A	P	P	P
28	19U41A0563	NOTLA GOVINDA RAJU	P	P	P	P	P	P	P



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29	19U41A0564	PALAKA HARIKA	P	P	P	P	A	P	P
30	19U41A0565	PANDURI GAYATHRI	P	P	P	A	P	P	P
31	19U41A0566	PASUMARTHY PADMAVATHI	P	P	P	P	P	P	P
32	19U41A0569	P HYNDHAVI SAI SANTHOSHI	P	P	P	P	A	P	P
33	19U41A0570	R NARSHIMA NAIDU	P	P	P	A	P	P	P
34	19U41A0571	RAYI SARATH KUMAR	P	P	P	P	P	P	P
35	19U41A0572	RONGALI DHANASRI	P	P	P	P	A	P	P
36	19U41A0579	SIRIMISSETTY REKHA	P	P	P	A	P	P	P
37	19U41A0580	SUNDARAPU KIRAN KUMARI	P	P	P	P	P	P	P
38	19U41A0581	SURISSETTI DINESH	P	P	P	P	A	P	P
39	19U41A0582	TABASSUM	P	P	P	A	P	P	P
40	19U41A0583	MOLLETI HANEESHA	P	P	P	P	P	P	P
41	19U41A0584	TARRA YASHODA	P	P	P	A	P	P	P
42	19U41A0585	TENTU TARAKESHNAIDU	P	P	P	P	P	P	P
43	19U41A0589	VANTAKU SWATHI	P	P	P	A	P	P	P
44	19U41A0590	VEDHURI JASWANTH SAI	P	P	P	P	P	P	P
45	19U41A0594	VELAGA TEJASRI MANASA	P	P	P	A	P	P	P
46	19U41A0595	VELPULA VIJAYA KEERTHI	P	P	P	P	P	P	P
47	19U41A0596	VELPULA VINAYA KRUTHI	P	P	P	A	P	P	P
48	19U41A0597	VUJJI SRUJANA	P	P	P	P	P	P	P
49	19U41A0599	YALAMANCHILI MANIKANTA	P	P	P	A	P	P	P
50	19U41A05A0	YEGIREDDY JAGADEESH	P	P	P	P	P	P	P
51	19U41A05A1	YELLAPU MEGHAN	P	P	P	A	P	P	P



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52	19U41A05A5	K. RAKESH	P	P	P	P	P	P	P
53	19U41A05A9	BHEEMISETTI DEVA MANOJ	P	P	P	A	P	P	P
54	19U41A05B0	VUPPALA GAYATHRI	P	P	P	P	P	P	P
55	19U41A05B1	PEDDINTI JAYA LAKSHMI	P	P	P	A	P	P	P
56	19U41A05B6	K SRIKAR NARAYAN	P	P	P	P	P	P	P
57	19U41A05B8	THOTA VENKATA SAI	P	P	P	A	P	P	P





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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### REMEDIAL CLASSWORK DETAILS

**PROGRAM** : B.TECH  
**CLASS** : IV-I CSE A&B  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : CRYPTOGRAPHY AND NETWORK SECURITY  
**COURSE INSTRUCTOR** : DR.L.PRASANNA KUMAR

S.N O	DATE	TOPIC COVERED IN THE CLASS
1	6/02/20	Cryptography modes of operations
2	13/02/20	Block cipher
3	20/02/20	Public key encryption
4	27/02/20	Data integrity
5	5/03/20	Message authentication
6	12/03/20	Data encryption
7	19/03/20	Public key infrastructure

**Note:** Based on the NEED BASED Analysis, Remedial Classes are scheduled for the students in the concerned subject

S N	Roll No	STUDENT NAME	DATE & ATTENDANCE						
			6/02	3/02	20/02	27/02	5/03	12/03	19/03
1	17U41A0502	ADARI HARITHA	P	P	P	P	P	P	P
2	17U41A0507	K L LAKSHMI GOWRI SATYA	P	P	P	P	P	P	P
3	17U41A0508	B KASI ANNAPOORNA DEVI	P	P	P	P	P	P	P
4	17U41A0514	ERRAMSETTY TEJASRI	P	P	P	P	P	P	P
5	17U41A0519	GUNDA RISHITHA	P	P	P	P	P	P	P
6	17U41A0522	JALDU AMURATHAVALLI	P	P	P	P	P	P	P
7	17U41A0527	KANDREGULA LOKESH	P	P	P	P	A	P	P
8	17U41A0528	K SANTHOSHI	P	P	P	A	P	P	P
9	17U41A0531	KATHA LAVANYA	P	P	P	P	P	P	P
10	17U41A0534	KONATHALA LOHITHA	P	P	P	P	A	P	P
11	17U41A0537	KOTYADA NAVYA	P	P	P	P	P	P	P
12	17U41A0540	M SAI PRASANTH	P	P	P	P	P	P	P

13	17U41A0546	NETTIMI MANIMALA	P	P	P	P	P	P	P
14	17U41A0550	POLNATI LALITHA	P	P	P	P	P	P	P
15	17U41A0554	TIRIGSETTI UPENDRA	P	P	P	P	P	P	P
16	17U41A0557	VESALAPU SREENU	P	P	P	P	P	P	P
17	17U41A0560	YELLAPU JYOTHSNA	P	P	P	P	P	P	P
<b>IV-I CSE B</b>			<b>4/02</b>	<b>11/02</b>	<b>18/02</b>	<b>25/02</b>	<b>3/03</b>	<b>10/03</b>	<b>17/03</b>
18	16U41A0539	K LOHIT SAI KRISHNA TEJA	P	P	P	P	P	P	P
19	17A61A0534	NAGIREDDI MAHESWARI	P	P	P	P	P	P	P
20	17U41A0563	BODDEDA SIVA PRASAD	P	P	P	P	P	P	P
21	17U41A0564	B JAGANNADHA SATYA SRI	P	P	P	P	P	P	P
22	17U41A0567	CHITTIBONU SREE HARIKA	P	P	P	P	P	P	P
23	17U41A0573	KOLLI SRUTHI	P	P	P	P	P	P	P
24	17U41A0574	KONATHALA BHARGHAVI	P	P	P	P	A	P	P
25	17U41A0575	KONATHALA SUSHMA	P	P	P	A	P	P	P
26	17U41A0579	MADDALA APARNA	P	P	P	P	P	P	P
27	17U41A0582	MALLA ADI SONIA	P	P	P	P	A	P	P
28	17U41A0584	MALLA PADMAJA	P	P	P	P	P	P	P
29	17U41A0586	M SWETHA PRIYA	P	P	P	P	P	P	P
30	17U41A0588	MUNAGAPAKA POORNIMA	P	P	P	P	P	P	P
31	17U41A0591	PENTAKOTA DEEPTHI DEVI	P	P	P	P	P	P	P
32	17U41A0594	S MOHAMMAD HAJERA	P	P	P	P	P	P	P
33	17U41A0596	POLIMERA BHANU PRAKASH	P	P	P	P	P	P	P
34	17U41A0599	YENNETI SRINIVAS	P	P	P	P	P	P	P
35	17U41A05A3	VIYYAPU SIRISHA	P	P	P	P	P	P	P
36	18U45A0501	BUDDHA DIVYA DURGA	P	P	P	P	A	P	P
37	18U45A0503	ILLAPU RAMU	P	P	P	A	P	P	P
38	18U45A0505	KANDREGULA VANAJA	P	P	P	P	P	P	P
39	18U45A0507	VELUGULA BHANU	P	P	P	P	A	P	P



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40	16U41A0539	K LOHIT SAI KRISHNA TEJA	P	P	P	P	P	P	P
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### REMEDIAL CLASSWORK DETAILS

**PROGRAM** : B.Tech  
**CLASS** : III-ICSE-A  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : COMPILER DESIGN  
**COURSE INSTRUCTOR** : Mrs.G.SUJATHA

S.N O	DATE	TOPIC COVERED IN THE CLASS
1	4/02/2020	Identification of tokens
2	11/02/2020	Identification of keywords
3	18/02/2020	Top-down Parsing with examples
4	25/02/2020	Bottom –up parsing with examples
5	3/03/2020	Types of LR parsers and example problems
6	10/03/2020	Types of LR parsers and example problems
7	17/03/2020	Three address code generation
8	17/02/2020	Identification of tokens

**Note:** Based on the NEED BASED Analysis, Remedial Classes are scheduled for the students in the concerned subject

S N	Roll No	STUDENT NAME	DATE & ATTENDANCE						
			4/02	11/02	18/02	25/02	3/03	10/03	17/03
1	18U41A0502	ADARI SARVANI	P	P	P	P	P	P	A
2	18U41A0504	ANKIREDDY DEVA	P	P	P	P	P	P	P
3	18U41A0507	BOKKU MOHAN	P	P	P	P	A	P	P
4	18U41A0509	ADARI LEENA GOWTHAMI	P	P	P	P	P	P	P
5	18U41A0512	BODDU SUSHMA SAHITHI	P	P	A	P	P	P	P
6	18U41A0515	BORA MOUNIKA	A	P	P	P	P	P	P
7	18U41A0519	GARIKINA NAVEEN	P	P	P	P	P	P	P
8	18U41A0520	GEMMELI SAI SUSHMA	P	P	P	A	P	P	P



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9	18U41A0522	KARRI SHYAM SRIDHAR	P	P	P	P	P	P	P
10	18U41A0525	KANURU HEMANTH	P	A	P	P	P	P	P
11	18U41A0529	KURMADASU	P	P	P	P	P	P	P
12	18U41A0532	MALLA KUSHAL MANOHAR	P	P	P	P	P	P	P
13	18U41A0536	NAKKA HEMA	A	P	A	P	P	P	P
14	18U41A0539	PAPPALADHARANI	P	P	P	P	P	A	P
15	18U41A0543	POLAMARASETTY BHAVANA	P	P	A	P	P	P	P
16	18U41A0548	SARAGADAM HARI SHANKAR	P	P	P	P	P	P	P



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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### REMEDIAL CLASSWORK DETAILS

**PROGRAM** : B.Tech  
**CLASS** : III-I CSE-B  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : COMPILER DESIGN  
**COURSE INSTRUCTOR** : Mrs.G.SUJATHA

S.N O	DATE	TOPIC COVERED IN THE CLASS
1	3/02/2020	Identification of tokens
2	10/02/2020	Identification of keywords
3	11/02/2020	Top-down Parsing with examples
4	17/02/2020	Bottom –up parsing with examples
5	24/03/2020	Types of LR parsers and example problems
6	2/03/2020	Types of LR parsers and example problems
7	9/03/2020	Three address code generation

**Note:** Based on the NEED BASED Analysis, Remedial Classes are scheduled for the students in the concerned subject

S N	Roll No	STUDENT NAME	DATE & ATTENDANCE						
			3/02/20	10/02/20	11/02/20	17/02/20	24/02/20	2/03/20	9/03
1	18U41A0552	PEDAPUDI SIRISHA	P	P	P	P	P	P	P
2	18U41A0554	T MANOJ SWAMY	A	P	P	P	P	P	P
3	18U41A0555	V S K GAYITHRI	P	P	P	P	A	P	P
4	18U41A0559	YANANDA RAJU	P	P	A	P	P	P	P
5	18U41A0560	YENNINTIARAVIND	P	P	P	A	P	P	P
6	18U41A0565	KCHANDRASEKHAR	P	P	P	P	P	A	P
7	18U41A0570	KOTHAPALLI DEVIKA	P	A	P	P	P	P	P
8	18U41A0572	YELLAPU VAMSI	P	P	P	P	P	P	A



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9	18U41A0575	NAGIREDDY KURMA VIJAYA LAKSHMI	P	P	P	P	P	P	P
10	18U41A0577	BANDARU SAI LIKITHA	P	A	P	P	P	P	P
11	18U41A0581	RAMADUGU SAI TEJA	P	P	P	P	P	P	P
12	18U41A0586	SAHUKARINIMISHA	P	P	P	P	P	P	P
13	19U45A0501	AKKIREDDY MOUNIKA	P	P	P	A	P	P	P
14	19U45A0505	TERAPALLI SUVARNA	P	P	P	P	P	A	P
15	19U45A0507	ULABALA ANITHA	P	P	P	P	P	P	P

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### REMEDIAL CLASSWORK DETAILS

**PROGRAM** : B.Tech  
**CLASS** : III-I CSE-A  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : DATABASE MANAGEMENT SYSTEM  
**COURSE INSTRUCTOR** : Mr.CH.Dinesh

S.N O	DATE	TOPIC COVERED IN THE CLASS
1	3/02/2020	Entity relationships models
2	10/02/2020	Database normalization
3	11/02/2020	file structure
4	17/02/2020	transactions management
5	24/03/2020	Concurrency control
6	2/03/2020	Deadlocks
7	9/03/2020	Joins

**Note:** Based on the NEED BASED Analysis, Remedial Classes are scheduled for the students in the concerned subject

S N	Roll No	STUDENT NAME	DATE & ATTENDANCE						
			3/02/20	10/02/20	11/02/20	17/02/20	24/02/20	2/03/20	9/03
1	18U41A0501	ADADI NAGA DIVYA	P	P	P	P	P	P	P
2	18U41A0503	ANDUKURI HEMALATHA	P	P	P	P	P	P	P
3	18U41A0505	APPIKONDA LOHITHA	P	A	P	P	P	P	P
4	18U41A0509	ADARI LEENA GOWTHAMI	P	P	P	P	P	P	P
5	18U41A0512	BODDU SUSHMA SAHITHI	P	P	P	P	P	P	P
6	18U41A0520	GEMMELI SAI SUSHMA	P	P	P	P	P	P	P
7	18U41A0525	KANURU HEMANTH	A	P	P	A	P	P	P





## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### REMEDIAL CLASSWORK DETAILS

**PROGRAM** : B.Tech  
**CLASS** : III-I CSE-B  
**ACADEMIC YEAR** : 2020-2021  
**COURSE NAME & CODE** : DATABASE MANAGEMENT SYSTEM  
**COURSE INSTRUCTOR** : Mr.CH.Dinesh

S.N O	DATE	TOPIC COVERED IN THE CLASS
1	4/02/2020	Entity relationships models
2	11/02/2020	Database normalization
3	18/02/2020	file structure
4	25/02/2020	transactions management
5	4/03/2020	Concurrency control
6	11/03/2020	Deadlocks
7	18/03/2020	Joins

**Note:** Based on the NEED BASED Analysis, Remedial Classes are scheduled for the students in the concerned subject

S N	Roll No	STUDENT NAME	DATE & ATTENDANCE						
			4/02/21	11/02/21	18/02/21	25/02/21	4/03/21	11/03	18/03
1	18U41A0553	BEELA DHARANI KUMAR	P	P	P	P	P	P	P
2	18U41A0557	YALLAPU NIRISHA DEVI	P	P	P	P	P	P	P
3	18U41A0559	YEMISETTY ANANDA RAJU	P	A	P	P	P	P	P
4	18U41A0565	KARANAM CHANDRA SEKHAR	P	P	P	P	P	P	P
5	18U41A0570	KOTHAPALLI DEVIKA	P	P	P	P	P	P	P
6	18U41A0575	NAGIREDDY KURMA VIJAYA LAKSHMI	P	P	P	P	P	P	P
7	18U41A0577	BANDARU SAI	A	P	P	A	P	P	P



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		LIKITHA							
8	18U41A0587	KARRI SRINIVAS	P	P	P	P	P	A	P
9	19U45A0502	ANIMIREDDY NEELAVENI	P	A	P	P	P	P	P
10	19U45A0505	TERAPALLI SUVARNA	P	P	P	A	P	P	P



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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING Remedial Classes information

PROGRAM : B.Tech  
CLASS : IV B.Tech I-Sem., SEC A  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : SGP  
COURSE INSTRUCTOR : K.VIJAY KUMAR

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	
1	11/2/21	Heads Rate curve
2	5/2/21	Derivation of Economic Scheduling
3	8/2/21	Hydrothermal Equilibrium
4	20/2/21	Unit Commitment
5	22/2/21	Dynamic Programming method

### Remedial classes attendance sheet

S.NO.	ROLL NO.		DATE OF REMEDIAL CLASS TAKEN				
			11/2	5/2	8/2	20/2	22/2
1	17U41A0218	U Chandan kumar	P	P	A	P	P
2	17U41A0226	K Ch Surendra Naidu	A	A	P	P	P
3	18U45A0203	B Radha	P	P	P	P	P
4	18U45A0205	Ch Durga Venkatesh	P	P	P	A	P
5	18U45A0214	K Sai Mani Krishna	P	P	P	P	A

  
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Ph : 9963981111, 9963694444 / diet.edu.in / info@diet.edu.in

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING Remedial Classes information

PROGRAM : B.Tech  
 CLASS : IV B.Tech I-Sem., SEC A  
 ACADEMIC YEAR : 2020-2021  
 COURSE NAME & CODE : LICA  
 COURSE INSTRUCTOR : K.SOMESWARA RAO

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	
1	2/2/21	DC Analysis of Diff. Amp
2	6/2/21	AC Analysis of Diff. Amp
3	12/2/21	Freq. compensation
4	16/2/21	Amplifiers
5	23/2/21	Types of Amplifiers

### Remedial classes attendance sheet

S.NO.	ROLL NO.	NAME	DATE OF REMEDIAL CLASS TAKEN						
1	17U41A0206	K Mohan Babu	P	P	P	P	P	P	
2	17U41A0226	K Ch Surendra Naidu	P	A	P	P	P	P	
3	17U41A0206	K Mohan Babu	P	P	P	P	P	P	
4	17U41A0213	P Syamala	P	P	A	P	P	A	
5	17U41A0225	B Shankar	P	P	P	A	P	P	
6	17U41A0226	K Ch Surendra Naidu	A	P	P	P	P	P	

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING Remedial Classes information

PROGRAM : B.Tech  
CLASS : IV B.Tech I-Sem., SEC A  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : INSTRUMENTATION  
COURSE INSTRUCTOR : B.AISWARYA

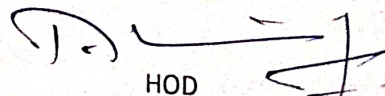
Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	
1	2/2/21	Characteristics of measuring instrument.
2	6/2/21	LVDT working principle.
3	12/2/21	Strain gauge, working
4	16/2/21	Temp. measurements using thermocouple.
5	20/2/21	Types of DVMS.
6	22/2/21	Frequency & Phase angle measurement.
7	24/2/21	Spectrum Analyzers.
8	25/2/21	Types of Spectrum Analyzers.

### Remedial classes attendace sheet

S.NO.	ROLL NO.	NAME	DATE OF REMEDIAL CLASS TAKEN						
1	17U41A0206	K Mohan Babu	P	P	P	A	P	P	
2	17U41A0226	K Ch Surendra Naidu	A	P	P	P	P	P	
3	18U45A0203	B Radha	P	P	P	A	P	P	
4	18U45A0205	Ch Durga Venkatesh	A	P	P	P	P	P	
5	18U45A0214	K Sai Mani Krishna	P	A	A	P	P	P	

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING Remedial Classes Information

PROGRAM : B.Tech  
CLASS : IV B.Tech I-Sem., SEC A  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : UEE  
COURSE INSTRUCTOR : A.KRISHNA NAG

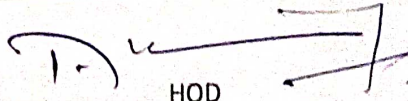
Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	
1	2/2/21	Electrical Traction,
2	6/2/21	Speed-torque characteristics of E.T.
3	12/2/21	Types of Supply in Elect. Traction
4	16/2/21	Heating,
5	20/2/21	Welding,
6	23/2/21	Illumination.

### Remedial classes attendance sheet

S.NO.	ROLL NO.		DATE OF REMEDIAL CLASS TAKEN						
			2/2	6/2	12/2	16/2	20/2	23/2	
1	17U41A0206	K Mohan Babu	A	P	P	P	A	P	
2	17U41A0214	P Somesh	P	P	P	A	P	P	
3	17U41A0226	K Ch Surendra Naidu	A	A	A	P	P	P	
4	18U45A0205	Ch Durga Venkatesh	P		P	P	P	A	

  
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING Remedial Classes information

PROGRAM : B.Tech  
CLASS : IV B.Tech I-Sem., SEC A  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : PSOC  
COURSE INSTRUCTOR : K.SRINIVASA RAO

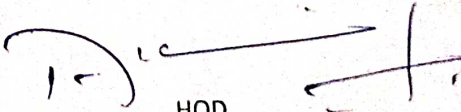
Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	
1	11/2/21	Heat Rate, IFC
2	5/2/21	Design of Economic Scheduling
3	8/2/21	Hydro Thermal Constraints.
4	20/2/21	Unit Commitment
5	22/2/21	Dynamic Programming

### Remedial classes attendace sheet

S.NO.	ROLL NO.		DATE OF REMEDIAL CLASS TAKEN				
			1/2	5/2	8/2	20/2	22/2
1	17U41A0226	K Ch Surendra Naidu	P	P	A	P	P
2	17U41A0206	K Mohan Babu	A	A	P	P	P.
3	17U41A0213	P Syamala	P	P	P	A	P.
4	17U41A0225	B Shankar	P	P	P	P	A

  
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING Remedial Classes information


PROGRAM : B.Tech  
 CLASS : IV B.Tech I-Sem., SEC A  
 ACADEMIC YEAR : 2020-2021  
 COURSE NAME & CODE : SEM  
 COURSE INSTRUCTOR : ALFONI JOSE

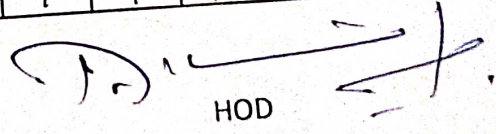
Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	
1	2/1/21	Reluctance Motor
2	5/2/21	Operation of Stepper Motor
3	8/2/21	Switched Reluctance Motor
4	21/2/21	Brushless DC Motor.
5	22/3/21	Stepper Motor
6	26/3/21	Operation of Permanent Magnet Motor

Remedial classes attendace sheet

S.NO.	ROLL NO.		DATE OF REMEDIAL CLASS TAKEN					
			2/1	6/2	8/2	21/3	22/3	26/3
1	17U41A0206	K Mohan Babu	A	P	P	P	A	P
2	17U41A0226	K Ch Surendra Naidu	P	A	A	P	P	P
3	18U45A0203	B Radha	P	P	P	P	P	P
4	18U45A0205	Ch Durga Venkatesh	P	P	P	P	A	A
5	18U45A0214	K Sai Mani Krishna	A	P	P	P	A	A

  
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Remedial Classes Information

PROGRAM : B.Tech  
 CLASS : IV B.Tech I-Sem., SEC B  
 ACADEMIC YEAR : 2020-2021  
 COURSE NAME & CODE : PSOC  
 COURSE INSTRUCTOR : K.SRINIVASA RAO

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	
1	1/2/21	Heat rate curves JFC
2	5/2/21	Derivation of economic scheduling
3	8/2/21	cost curves
4	20/2/21	Unit commitment solution
5	21/2/21	dynamic programming method
6	22/2/21	load frequency control.

### Remedial classes attendance sheet

S.NO.	ROLL NO.	DATE OF REMEDIAL CLASS TAKEN					
1	18U45A0222	P	P	P	P	A	P
2	18U45A0223	A	P	P	P	P	P
3	18U45A0243	A	P	P	A	P	P
4	18U45A0253	P	A	P	P	P	P
5	18U45A0258	P	P	P	P	P	P
6	18U45A0260	P	P	A	P	P	P

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Remedial Classes information

PROGRAM : B.Tech  
CLASS : IV B.Tech I-Sem., SEC B  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : SGP  
COURSE INSTRUCTOR : K.VIJAY KUMAR

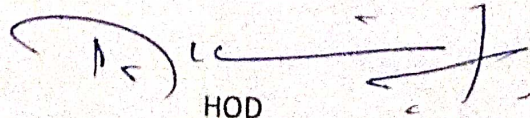
Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	
1	2/2/21	Circuit Breaker Ratings
2	6/2/21	Current chopping, Resistance Switching
3	12/2/21	Types of welds, Pick up current
4	16/2/21	Differential Protection of Transformer
5	20/2/21	Differential Protection of Alternators.

### Remedial classes attendance sheet

S.NO.	ROLL NO.	DATE OF REMEDIAL CLASS TAKEN				
		2/2	6/2	12/2	16/2	20/2
1	18U45A0243	A	P	P	A	P
2	18U45A0247	P	P	A	P	P
3	18U45A0258	P	A	P	A	P
4	18U45A0261	A	P	A	P	P

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING Remedial Classes information

PROGRAM : B.Tech  
CLASS : IV B.Tech I-Sem., SEC B  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : LICA  
COURSE INSTRUCTOR : K.SOMESWARA RAO

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	
1	3/12/21	DC Analysis of Differentiation
2	7/12/21	AC Analysis of Differentiation.
3	10/12/21	Frequency Compensation.
4	14/12/21	Integrator.
5	16/12/21	Differentiator.
6	18/12/21	Active LPF, HPF
7	20/12/21	Second order filter, 555 timer
8	22/12/21	monostable mv, Astable mv.

### Remedial classes attendance sheet

S.NO.	ROLL NO.	DATE OF REMEDIAL CLASS TAKEN						
		3/12	7/12	10/12	14/12	16/12	18/12	
1	18U45A0222	A	P	P	P	P	P	
2	18U45A0224	P	P	P	A	P	P	
3	18U45A0225	P	P	P	P	P	P	
4	18U45A0228	P	A	P	A	P	P	
5	18U45A0238	P	P	P	P	A	P	
6	18U45A0243	A	P	P	P	P	A	
7	18U45A0247	P	P	P	A	P	P	
8	18U45A0248	P	P	A	P	P	P	
9	18U45A0250	P	P	P	P	P	A	
10	18U45A0253	P	P	P	P	A	P	
11	18U45A0259	A	P	P	P	P	P	
12	18U45A0261	P	P	A	P	P	P	
13	18U45A0264	P	P	P	A	P	A	

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING Remedial Classes information


PROGRAM : B.Tech  
 CLASS : IV B.Tech I-Sem., SEC B  
 ACADEMIC YEAR : 2020-2021  
 COURSE NAME & CODE : SEM  
 COURSE INSTRUCTOR : ALFONI JOSE

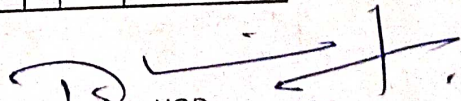
Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	
	6/2/21	switched reluctance motor
	8/2/21	PMSM, PMBLDCM.
	13/2/21	Stepper motor operation.
	15/2/21	single phase motor.
	26/2/21	Digital motor.
	28/2/21	Reluctance motor.

### Remedial classes attendance sheet

S.NO.	ROLL NO.	DATE OF REMEDIAL CLASS TAKEN						
		6/2	8/2	13/2	15/2	26/2	28/2	
1	18U45A0243	P	A	P	P	A	P	
2	18U45A0255	A	P	P	A	P	P	
3	18U45A0265	P	P	A	P	P	P	
4	17U41A0226	P	P	P	P	P	P	

  
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Remedial Classes information

PROGRAM : B.Tech  
 CLASS : IV B.Tech I-Sem., SEC B  
 ACADEMIC YEAR : 2020-2021  
 COURSE NAME & CODE : INSTRUMENTATION  
 COURSE INSTRUCTOR : P.JAGRUTHI

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	
1	1/2/21	synthesis, piezoelectricity
2	5/2/21	Thermistors, Thermocouples
3	8/2/21	Measurement of Humidity, Temperature.
4	27/2/21	CAR Type DVM
5	16/3/21	Dual slope DVM
6	26/3/21	Heterodyne wave analyzer.
7	16/4/21	Spectrum Analyzer

### Remedial classes attendance sheet

S.NO.	ROLL NO.	DATE OF REMEDIAL CLASS TAKEN						
		1/2	5/2	8/2	27/2	16/3	26/3	16/4
1	18U45A0243	P	P	.	P	P	P	P
2	18U45A0247	P	P	P	P	.	P	P
3	18U45A0256	P	.	P	P	P	.	P
4	18U45A0261	P	P	P	.	P	P	P.

  
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Remedial Classes information

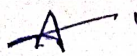
PROGRAM : B.Tech  
CLASS : IV B.Tech I-Sem., SEC B  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : UEE  
COURSE INSTRUCTOR : A.KRISHNA NAG

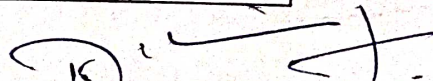
Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	
1	2/2/21	Types of Traction.
2	6/2/21	Motors used in Traction
3	12/2/21	power supplies for traction
4	16/2/21	speed - acceleration - Tdque curve.
5	20/2/21	Types of welding, Heating
6	26/2/21	Types of lighting schemes.

### Remedial classes attendace sheet

S.NO.	ROLL NO.	DATE OF REMEDIAL CLASS TAKEN						
		2/2	6/2	12/2	16/2	20/2	26/2	
1	18U45A0227	P	P		P	P	P	
2	18U45A0243	P	P	P	P		P	
3	18U45A0247	P	P	P	P	P		
4	18U45A0250		P	P	P	P	P	
5	18U45A0264	P	P	P		P	P	

  
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING Remedial Classes information

PROGRAM : B.Tech  
CLASS : III B.Tech I-Sem., SEC-A  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : PULSE AND DIGITAL CIRCUITS  
COURSE INSTRUCTOR : ARCHANA B.T

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	TOPIC COVERED IN THE CLASS
1	2/11/20	Modulation technique
2	3/12/20	Continuous wave modulation
3	14/12/20	Non linear wave shaping
4	20/1/21	Diode clipped, Transistor clipped
5	24/1/21	Switching characteristics of devices
6	10/1/21	Multivibrators
7	23/1/21	Monostable multivibrators

### Remedial classes attendance sheet

S.NO.	ROLL NO.	STUDENT NAME	DATE OF REMEDIAL CLASS TAKEN							
			2/11	13/11	14/11	20/11	24/11	10/12	23/12	
1	18U41A0201	B. PAVAN SAI PRAKASH RAO	P	A	A	P	P	P	P	
2	18U41A0208	KODURU VAMSI KRISHNA		P	P	P	P	P		
3	18U41A0219	V. MUNI HEMANTH RAO	P	P	P	P		P	P	
4	19U45A0203	BADAMPUDI VAMSI	P	P	P		P	P	P	

*Archana B.T.*  
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*[Signature]*  
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Remedial Classes information

PROGRAM : B.Tech  
 CLASS : III B.Tech I-Sem., SEC-A  
 ACADEMIC YEAR : 2020-2021  
 COURSE NAME & CODE : PE  
 COURSE INSTRUCTOR : D.CH.NOOKESH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	TOPIC COVERED IN THE CLASS
1	3/11/20	1- $\phi$ half rectifier
2	8/11/20	1- $\phi$ full wave rectifier
3	10/12/20	3- $\phi$ full wave rectifier
4	22/12/20	firing angles at $30^\circ, 60^\circ$
5	20/1/21	Space vector modulation
6	23/1/21	Modulation Technique
7	20/2/21	Single wave S PWM

### Remedial classes attendace sheet

S.NO.	ROLL NO.	STUDENT NAME	DATE OF REMEDIAL CLASS TAKEN							
			3/11	5/12	10/12	22/12	20/1	23/1	20/2	
1	18U41A0201	B. PAVAN SAI PRAKASH RAO								
2	18U41A0202	BODI PRASANNA KUMAR	P			P				
3	18U41A0203	D. YAGNA SHIVA DATTA	P	P		P	P	P	P	P
4	18U41A0208	KODURU VAMSI KRISHNA	P	P	P	P	P	P	P	P

*D.P. Ch*  
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Remedial Classes information

PROGRAM : B.Tech  
CLASS : III B.Tech I-Sem., SEC-A  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : POWER SYSTEMS II  
COURSE INSTRUCTOR : J,DILEEP KUMAR

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	TOPIC COVERED IN THE CLASS
1	26/8/20	3- $\phi$ line Inductance
2	3/9/20	Capacitance of Double ckt
3	9/9/20	Effect of latter on Capacitance
4	22/9/20	ABCD Parameters
5	1/10/20	Surge impedance
6	8/10/20	Travelling waves
7	15/10/20	skin effect
8	23/10/20	Sag Calculation

Remedial classes attendace sheet

S.NO.	ROLL NO.	STUDENT NAME	DATE OF REMEDIAL CLASS TAKEN							
			28/8	3/9	9/9	22/9	1/10	8/10	15/10	
1	18U41A0201	B. PAVAN SAI PRAKASH RAO	.							
2	18U41A0208	KODURU VAMSI KRISHNA	A	A	A	A	A	A	A	
3	18U41A0202	BODI PRASANNA KUMAR	A	A	A	A	A			
4	18U41A0203	D. YAGNA SHIVA DATTA								

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Remedial Classes information

PROGRAM : B.Tech  
CLASS : III B.Tech I-Sem., SEC-A  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : RENEWABLE ENERGY SOURCES  
COURSE INSTRUCTOR : P.JAGRUTHI

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	TOPIC COVERED IN THE CLASS
1	6/11/20	Discrete time signals
2	15/12/20	Optimization of Biodiesel
3	15/12/21	Optimization of Bioethanol
4	27/1/21	Evaluation of potential
5	21/2/21	Barriers to entry
6	24/2/21	Over Supply
7	28/2/21	Politics, costs

### Remedial classes attendace sheet

S.NO.	ROLL NO.	STUDENT NAME	DATE OF REMEDIAL CLASS TAKEN						
			6/11	15/12	16/12	27/1	21/2	24/2	28/2
1	18U41A0219	V. MUNI HEMANTH RAO		P		P	P	P	P
2	19U45A0203	BADAMPUDI VAMSI		P	P	P	P	P	P
3	18U41A0201	B. PAVAN SAI PRAKASH RAO		P	P	P	P	P	P
4	18U41A0208	KODURU VAMSI KRISHNA		P	P		P	P	P

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Remedial Classes information

PROGRAM : B.Tech  
CLASS : III B.Tech I-Sem., SEC-A  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : SIGNALS AND SYSTEMS  
COURSE INSTRUCTOR : JAGANMOHAN PANI GRAHI

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	TOPIC COVERED IN THE CLASS
1	6/11/20	Discrete time Signals
2	11/12/20	Fast Fourier Transforming
3	16/11/21	Discrete Fourier Transforming
4	27/11/21	characteristics & classification of signals.
5	21/2/21	Fourier transform - Applications
6	24/2/21	Laplace transform - Fourier transform
7	28/2/21	DFT, IDFT

### Remedial classes attendace sheet

S.NO.	ROLL NO.	STUDENT NAME	DATE OF REMEDIAL CLASS TAKEN						
			6/11	11/12	16/11	27/11	21/2	24/2	28/2
1	18U41A0203	D. YAGNA SHIVA DATTA	P	P	A	P	P	A	P
2	18U41A0208	KODURU VAMSI KRISHNA	A	P	P	P	P	P	A
3	18U41A0201	B. PAVAN SAI PRAKASH RAO	P	P	A	A	P	P	P
4	18U41A0202	BODI PRASANNA KUMAR	P	P	P	P	A	P	A

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING Remedial Classes information

PROGRAM : B.Tech  
CLASS : III B.Tech I-Sem., SEC-B  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : PULSE AND DIGITAL CIRCUITS  
COURSE INSTRUCTOR : ARCHANA B.T

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	TOPIC COVERED IN THE CLASS
1	2/11/20	Modulation Technique
2	3/12/20	continuous wave Modulation
3	14/12/20	Non linear Wave shaping
4	20/1/21	Diode digger, Transistor digger
5	24/1/21	switching characteristics of diodes
6	10/2/21	Multivibrator
7	23/2/21	Monostable Multivibrator

### Remedial classes attendace sheet

S.NO.	ROLL NO.	STUDENT NAME	DATE OF REMEDIAL CLASS TAKEN							
			2/11	3/12	14/12	20/1	24/1	10/2	23/2	
1	19U45A0267	VATHADA LOKESH	P	P	P	P	P	P	P	
2	19U45A0268	VEGI SAI KUMAR	P	P	P	P	A	P	P	
3	19U45A0272	MSAVAN KUMAR	P	P	P	A	P	P	P	

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Remedial Classes information

PROGRAM : B.Tech  
CLASS : III B.Tech I-Sem., SEC-B  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : PE  
COURSE INSTRUCTOR : D.CH.NOOKESH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	TOPIC COVERED IN THE CLASS
	3/11/20	single phase half rectifier
	5/12/20	1-φ full wave rectifier
	10/12/20	2-φ full wave rectifier
	12/12/20	firing angles at 30° 60°
	20/1/21	space vector Modulation
	23/1/21	Modulation techniques
	20/2/21	single wave symm

Remedial classes attendace sheet

S.NO.	ROLL NO.	STUDENT NAME	DATE OF REMEDIAL CLASS TAKEN							
			3/11	5/12	10/12	22/12	29/1	23/1	20/2	
1	19U45A0232	LALAM UMA MAHESH	P	A	A	P	A	A	P	
2	19U45A0264	TALARI VENKATA SUDHEER	A	P	P	P	P	P	P	
	19U45A0267	VATHADA LOKESH	P	P	P	A	A	P	P	

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING Remedial Classes information

PROGRAM : B.Tech  
CLASS : III B.Tech I-Sem., SEC-B  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : POWER SYSTEMS II  
COURSE INSTRUCTOR : RAMESH BABU

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	TOPIC COVERED IN THE CLASS
1	28/8/20	3- $\phi$ line Inductance
2	3/9/20	capacitance of double circuit
3	9/9/20	effect of earth on capacitor
4	22/9/20	ABCD parameters
5	11/10/20	Surge Impedance
6	8/10/20	Traveling waves
7	15/10/20	skin effect
8	23/10/20	Sag calculations

Remedial classes attendance sheet

S.NO.	ROLL NO.	STUDENT NAME	DATE OF REMEDIAL CLASS TAKEN						
			28/8	3/9	9/9	22/9	11/10	8/10	15/10
1	19U45A0232	LALAM UMA MAHESH	A	A	A	A	P	P	P
2	19U45A0264	TALARI VENKATA SUDHEER	P	A	P	P	P	A	P
3	19U45A0267	VATHADA LOKESH	P	P	P		P	P	P
4	19U45A0261	SOMIREDDY VARA PRASAD	P	P	A	P	P	A	A

  
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING Remedial Classes information

PROGRAM : B.Tech  
 CLASS : III B.Tech I-Sem., SEC-B  
 ACADEMIC YEAR : 2020-2021  
 COURSE NAME & CODE : RENEWABLE ENERGY SOURCES  
 COURSE INSTRUCTOR : P.JAGRUTHI

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	TOPIC COVERED IN THE CLASS
1	5/11/20	Wind, Tidal Energy sources
2	15/11/20	Optimization of Biodiesel
3	15/11/20	Optimization of Bioethanol
4	6/1/21	Evaluation of Potential Barriers to entry
5	8/2/21	oversupply
6	9/3/21	Politics, costs
7	9/3/21	

Remedial classes attendace sheet

S.NO.	ROLL NO.	STUDENT NAME	DATE OF REMEDIAL CLASS TAKEN							
			5/11	15/11	15/11	6/1	8/2	9/3	9/3	9/3
1	19U45A0232	LALAM UMA MAHESH	A	A	P	P	P	P	P	
2	19U45A0264	TALARI VENKATA SUDHEER	P	P	A	P	P	A	P	
3	19U45A0267	VATHADA LOKESH	P	A	P	P	P	P	P	

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING Remedial Classes information

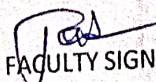
PROGRAM : B.Tech  
CLASS : III B.Tech I-Sem., SEC-B  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : SIGNALS AND SYSTEMS  
COURSE INSTRUCTOR : JAGANMOHAN PANI GRAHI

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	TOPIC COVERED IN THE CLASS
1	6/11/20	Discrete time signals
2	11/12/20	Convolution
3	16/1/21	Fourier Transforms
4	27/1/21	System classifications
5	21/2/21	Singularity function
6	24/2/21	Nyquist Sampling theorem
7	28/2/21	Fourier Analysis of Discrete Systems

### Remedial classes attendance sheet

S.NO.	ROLL NO.	STUDENT NAME	DATE OF REMEDIAL CLASS TAKEN						
			6/11	11/12	16/1/21	27/1/21	21/2	24/2	28/2
1	19U45A0264	TALARI VENKATA SUDHEER	P	A	P	A	A	P	A
2	19U45A0267	VATHADA LOKESH	P	P	P	P	P	P	P
3	19U45A0268	VEGI SAI KUMAR	A	P	A	P	P	P	P
4	19U45A0270	YELCHURI CHANDRASEKHAR	P	P	P	P	P	A	P

  
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PROGRAM : B.Tech  
CLASS : II B.Tech I-Sem.,  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : ELECTRICAL CIRCUIT ANALYSIS II  
COURSE INSTRUCTOR : T.RAMESH BABU

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	TOPIC COVERED IN THE CLASS
	1/2/21	Thevenin Theorem
	5/2/21	Maximum Power Transfer theorem
	8/2/21	RMS, Avg Values
	20/2/21	D.C. Transients
	21/2/21	A.C. Circuits
	22/2/21	Poles Zero of transfer function

Remedial classes attendace sheet

S.NO.	ROLL NO.	STUDENT NAME	DATE OF REMEDIAL CLASS TAKEN					
			1/2	5/2	8/2	20/2	21/2	22/2
1	19U41A0208	YATHIRAJYAM VENKATESWARA RAO	P	A	P	P	P	P
2	19U41A0209	NAGULAPALLI VENKATA SAI TRI	P	A	P	P	P	P
3	20U45A0206	BENARJEE VAMSI BHEEMUNI	P	P	A	P	P	P
4	20U45A0220	JALLA VISWASWARA RAO	P	P	P	A	P	P
5	20U45A0239	OBIREDDY LOKESH	P	A	P	P	P	P
6	20U45A0243	PRAMUDULA PAVAN KUMAR	A	P	P	P	P	P

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING Remedial Classes information

PROGRAM : B.Tech  
 CLASS : II B.Tech I-Sem.,  
 ACADEMIC YEAR : 2020-2021  
 COURSE NAME & CODE : ELECTRONIC DEVICES AND CIRCUITS  
 COURSE INSTRUCTOR : S.SURESH KUMAR

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	TOPIC COVERED IN THE CLASS
1	2/2/21	BJT
2	5/2/21	PN Junction diode
3	9/2/21	Transistor Biasing
4	15/2/21	CE, CC configurations
5	16/2/21	Diode
6	19/2/21	Amplifiers
7	20/2/21	CRO Oscillators

### Remedial classes attendace sheet

S.NO.	ROLL NO.	STUDENT NAME	DATE OF REMEDIAL CLASS TAKEN							STUDENT SIGN
			2/2	5/2	8/2	15/2	16/2	18/2	20/2	
1	19U41A0203	RAPETI JAYARAM	P	P	P	P	P	P	P	
2	19U41A0210	PILLA SAI KONDAYYA	P	P	P	A	P	P	A	
3	20U45A0209	BOKKA LAKSHMI NARAYANA	A	P	P	P	P	P	P	
4	20U45A0219	GARIKI LAKSHMAN	P	P	A	P	P	P	P	
5	20U45A0222	KAMPARA CHANDU	P	P	P	A	P	A	P	
6	20U45A0224	KANDREGULA SANJAY	P	A	P	P	P	P	P	
7	20U45A0230	KOMMANAPALLI VENKATA	P	A	P	A	P	P	P	

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING Remedial Classes information

PROGRAM : B.Tech  
CLASS : II B.Tech I-Sem.,  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : ELECTRICAL MACHINES I  
COURSE INSTRUCTOR : D.CH.NOOKESH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	TOPIC COVERED IN THE CLASS
	3/2	Electromechanical Energy Conversion
	6/2	Construction
	10/2	Working Principle
	15/2	Types of D.C. Machines
	17/2	Characteristics
	19/2	Speed - performance
	20/2	D.C. Motors characteristics

### Remedial classes attendace sheet

S.NO.	ROLL NO.	STUDENT NAME	DATE OF REMEDIAL CLASS TAKEN							STUDENT SIGN
			3/2	6/2	10/2	15/2	17/2	19/2	20/2	
1	19U41A0205	SINGAMPALLI VENKATA KALYANI	P	P	P	P	A	P	P	
2	19U41A0207	VIYYAPU NOOKA RAJU	A	P	A	P	P	P	P	
3	19U41A0210	PILLA SAI KONDAYYA	P	P	P	P	P	P	P	
4	20U45A0203	ANAKAPALLI NAGENDRA	P	P	A	P	P	P	P	
5	20U45A0231	KONATALA MADHU	P	A	P	P	P	P	P	
6	20U45A0236	MALLA SAI	P	P	P	A	P	A	P	
7	20U45A0262	KARRI KESAVA	P	A	P	P	P	P	P	

  
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Remedial Classes information

PROGRAM : B.Tech  
 CLASS : II B.Tech I-Sem.,  
 ACADEMIC YEAR : 2020-2021  
 COURSE NAME & CODE : ELECTROMAGNETIC FEILDS  
 COURSE INSTRUCTOR : G.JAGADEESH

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	TOPIC COVERED IN THE CLASS
1	3/2/21	Vectors Basics
2	5/2/21	Electric field Intensity
3	7/2/21	Polarization
4	10/2/21	Displacement Current & Density
5	13/2/21	Magnetostatics
6	15/2/21	Inductance
7	18/2/21	Time-varying fields

### Remedial classes attendace sheet

S.NO.	ROLL NO.	STUDENT NAME	DATE OF REMEDIAL CLASS TAKEN						STUDENT SIGN	
			3/2	5/2	7/2	10/2	13/2	15/2		18/2
1	19U41A0203	RAPETI JAYARAM	P	P	P	P	P	A	P	
2	19U41A0209	NAGULAPALLI VENKATA SAI TRI	A	P	P	P	A	P	P	
3	20U45A0219	GARIKI LAKSHMAN	P	P	P	P	P	A	P	
4	20U45A0220	JALLA VISWASWARA RAO	P	A	A	P	P	P	P	
5	20U45A0267	SANDRANI BHANUSREE	A	P	P	P	P	P	P	

FACULTY SIGN

HOD



# Dadi Institute of Engineering & Technology

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to J.V.T.U.K., Kakinada)

NAAC Accredited Institute and Inclusion of section 2(f) & 12 (B) of UGC Act

An ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution

NH-16, Anakapalle, Visakhapatnam - 531002, A.P.

Ph : 9963981111, 9963694444 / diet.edu.in / info@diet.edu.in

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING Remedial Classes information

PROGRAM : B.Tech  
CLASS : II B.Tech I-Sem.,  
ACADEMIC YEAR : 2020-2021  
COURSE NAME & CODE : MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS  
COURSE INSTRUCTOR : USHA RANI

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	TOPIC COVERED IN THE CLASS
1	2/2/21	Managerial Economics
2	5/2/21	Production Cost Analysis
3	7/2/21	Pricing Policies
4	9/2/21	Methods of Pricing
5	10/2/21	Business Types
6	15/2/21	Accounting & Financing
7	17/2/21	Capital Budgeting

### Remedial classes attendace sheet

S.NO.	ROLL NO.	STUDENT NAME	DATE OF REMEDIAL CLASS TAKEN							STUDENT SIGN
			2/2	5/2	7/2	9/2	10/2	15/2	17/2	
4	20U45A0219	GARIKI LAKSHMAN	P	P	P	P	P	P	A	
5	20U45A0222	KAMPARA CHANDU	A	P	P	P	P	A	P	
6	20U45A0224	KANDREGULA SANJAY	P	P	P	A	P	P	P	
7	20U45A0230	KOMMANAPALLI VENKATA	A	P	A	P	P	P	P	
8	20U45A0232	LANKI VIJAY KUMAR	P	P	P	P	A	P	P	
9	20U45A0255	SURISETTY UDAY KIRAN	P	P	P	P	A	P	P	
10	20U45A0259	VINDULA CHARAN SAI TEJA	P	P	A	P	P	P	P	

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Remedial Classes information

PROGRAM : B.Tech  
 CLASS : II B.Tech I-Sem.,  
 ACADEMIC YEAR : 2020-2021  
 COURSE NAME & CODE : T&HPM  
 COURSE INSTRUCTOR : D.A.RAMACHARI

Based on the Mid Marks Analysis, a Remedial Class has been scheduled for the students who have got less than 60% Marks in First Mid Examination

S.NO	DATE	TOPIC COVERED IN THE CLASS
1	6/2/21	Thermal Radiation
2	8/2/21	Prime Movers
3	10/2/21	T.P.P. Maintenance
4	11/2/21	Hydro Prime movers
5	15/2/21	Hydro electric plant
6	17/2/21	Prime mover Types
7	18/2/21	Turbines

### Remedial classes attendance sheet

S.NO.	ROLL NO.	STUDENT NAME	DATE OF REMEDIAL CLASS TAKEN							
			6/2	8/2	10/2	11/2	15/2	17/2	18/2	
3	20U45A0206	BENARJEE VAMSI BHEEMUNI	P	P	P	A	P	P	P	
4	20U45A0220	JALLA VISWASWARA RAO	A	P	P	P	P	A	P	
5	20U45A0239	OBIREDDY LOKESH	P	P	P	A	P	P	P	
6	20U45A0243	PRAMUDULA PAVAN KUMAR	P	P	P	A	P	P	P	
7	20U45A0252	SHAIK JALALUDDIN	P	P	P	P	A	P	P	
8	20U45A0262	KARRI KESAVA	A	A	P	P	P	P	P	

*Ally*  
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*(Signature)*  
PRINCIPAL  
Dadi Institute of  
Engineering & Technology  
ANAKAPALLE - 531102