

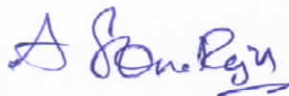
2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

UNIVERSAL COLLEGE OF ENGINEERING & TECHNOLOGY (Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada) Promoted by: The Diocese of Guntur Society, Guntur			
IV Mechanical Slow Learners			
Subject : NDE		SEM: I	AY : 2023-2024
S.NO	REG.NO	NAME	MARKS
1	20NF1A0307	SETTIPALLI NAVEEN	14
2	20NF1A0308	VEERLA ROSAIAH	18
3	21NF5A0301	AKKALA NAGA MALLIKHARJUNA REDDY	15
4	21NF5A0303	BUNGA AJAY DISNEY	18
5	21NF5A0305	NELAM VIJAY KUMAR	16
6	21NF5A0306	PATHAN FAYAZ KHAN	19
7	21NF5A0307	PITHAMBARAM SURYA	18
8	21NF5A0310	SHAIK AAMININUL ISLAM	17
9	21NF5A0311	SYED KALESHA	17
10	21NF5A0313	TOKALA BHANU KRISHNA	19

  
Faculty Signature

  
HOD Signature

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IV Mechanical Advanced Learners			
Subject : NDE		SEM: I	AY : 2023-2024
S.NO	REG.NO	NAME	MARKS
1	20NF1A0303	MANIKYALA NAGA GOPI	21
2	21NF5A0302	BONDADA NAVEENBABU	21
3	21NF5A0304	NALLAMAMIDI SRIKANTH	21
4	21NF5A0308	PUVVADA KOTINAGA SAIKUMAR	20
5	21NF5A0309	SALIMUTTI PAVAN BABU	20

  
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Promoted by: The Diocese of Guntur Society, Guntur  
**DEPARTMENT OF MECHANICAL ENGINEERING**



Regulation: R19

Year: IV B-TECH, SEM-1

A/Y: 2023-2024

Subject/Laboratory name: **NON DESTRUCTIVE EVALUATION**

**REMEDIAL CLASSES TO SLOW LEARNERS**

Date	Topic Covered
04-12-2023	Different NDT methods
05-12-2023	Radiographic testing
06-12-2023	ultrasonic testing
07-12-2023	Die Penetrant Testing (DPT)
08-12-2023	Magnetic Particle Testing
09-12-2023	Eddy Current Testing (ECT)

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Promoted by: The Diocese of Guntur Society, Guntur

DEPARTMENT OF MECHANICAL ENGINEERING



Regulation: R19

Year: IV B-TECH, SEM-1

A/Y: 2023-2024

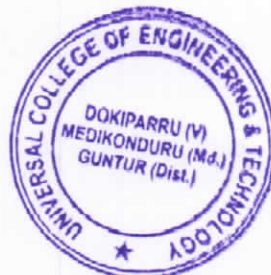
Subject/Laboratory name: NON DESTRUCTIVE EVALUATION

## REMEDIAL CLASSES TO SLOW LEARNERS ATTENDANCE

S.NO	REGD NO	STUDENT NAME	04-12-2023	05-12-2023	06-12-2023	07-12-2023	08-12-2023	09-12-2023
1	20NF1A0307	SETTIPALLI NAVEEN	P		P	P	P	
2	20NF1A0308	VEERLA ROSAIAH		P	P	P	P	
3	21NF5A0301	AKKALA NAGA MALLIKHARJUNA REDDY	P	P	P	P	P	P
4	21NF5A0303	BUNGA AJAY DISNEY	P		P	P	P	P
5	21NF5A0305	NELAM VIJAY KUMAR	P	P		P	P	P
6	21NF5A0306	PATHAN FAYAZ KHAN		P	P	P	P	P
7	21NF5A0307	PITHAMBARAM SURYA	P	P	P	P	P	P
8	21NF5A0310	SHAIK AAMININUL ISLAM	P		P	P	P	P
9	21NF5A0311	SYED KALESHA	P	P	P	P		
10	21NF5A0313	TOKALA BHANU KRISHNA	P	P	P	P	P	P

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## DEPARTMENT OF MECHANICAL ENGINEERING



Regulation: R19

Year: IV B-TECH, SEM-1

A/Y: 2023-2024

Subject/Laboratory name: NON DESTRUCTIVE EVALUATION

### IMPORTANT QUESTIONS FOR SLOW LEARNERS

#### UNIT-1

- 1.) What are the different NDT methods? State its advantages and limitations
- 2.) Explain the principle of radiographic testing? Write briefly the method of
- 3.) Explain about safety aspects of industrial radiography.
- 4.) Explain the working of radiographic equipment

#### UNIT-2

- 5.) Explain about ultrasonic transducers and their characteristics.
- 6.) Write about limitations of ultrasonic Testing.
- 7.) Explain the basic wave propagation principle of ultrasonic testing. Discuss the normal beam inspection technique.
- 8.) Discuss in brief the pulse echo ultrasonic testing technique and its application.

#### UNIT-3

- 9.) Briefly explain the method of Die Penetrant Testing (DPT) with legible sketch.
- 10.) Can DPT be used for subsurface defects? Yes/ No—Justify.
- 11.) Explain about the procedure of liquid penetrant test. Discuss how you can check the effectiveness of the test
- 12.) Describe the working of magnetic particle test equipment in detail.

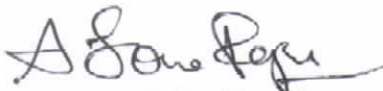
#### UNIT-4

- 13.) Explain in detail about the applications of Eddy Current Testing.
- 14.) Why and how the demagnetization is carried out? Explain the principle of Magnetic Particle Testing.
- 15.) Define the principle behind the magnetic particle testing. What are the various methods used to magnetize the specimen, with neat diagram.
- 16.) State the principles of Eddy Current Testing (ECT). What do you understand by sensitivity in ECT? Narrate one application on ECT.

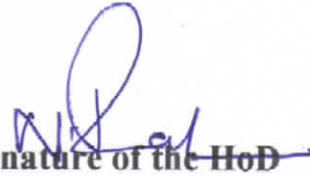


## UNIT-5

- 17.) What are the Surface & Sub Surface Defects? Discuss defects due to the forging process & Heat treatment process
- 18.) Write the most common NDE applications in the areas of the pressure vessels, castings and welded constructions.
- 19.) Explain about span of NDE activities in Nuclear, Non-nuclear and Chemical Industries.  
What are the Methods for identifying hazardous road locations



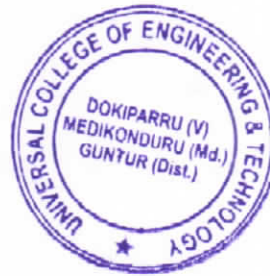
**Signature of the Faculty**



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**IV Mechanical Slow Learners**

**Subject : SAFETY ENGINEERING      SEM: I      AY : 2023-2024**

S.NO	REG.NO	NAME	MARKS
1	20NF1A0307	SETTIPALLI NAVEEN	19
2	20NF1A0308	VEERLA ROSAIAH	18
3	21NF5A0301	AKKALA NAGA MALLIKHARJUNA REDDY	18
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7	21NF5A0310	SHAIK AAMININUL ISLAM	19
8	21NF5A0311	SYED KALESHA	19

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*N. Pandu*  
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**IV Mechanical Advanced Learners**

**Subject : SAFETY ENGINEERING      SEM: I      AY : 2023-2024**

S.NO	REG.NO	NAME	MARKS
1	20NF1A0303	MANIKYALA NAGA GOPI	22
2	21NF5A0302	BONDADA NAVEENBABU	22
3	21NF5A0303	BUNGA AJAY DISNEY	20
4	21NF5A0304	NALLAMAMIDI SRIKANTH	20
5	21NF5A0306	PATHAN FAYAZ KHAN	21
6	21NF5A0307	PITHAMBARAM SURYA	21
7	21NF5A0313	TOKALA BHANU KRISHNA	21

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DEPARTMENT OF MECHANICAL ENGINEERING



Regulation: R19

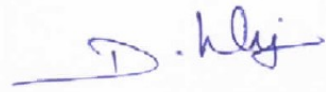
Year: IV B-TECH, SEM-1


A/Y: 2023-2024

Subject/Laboratory name: SAFETY ENGINEERING

## REMEDIAL CLASSES TO SLOW LEARNERS

Date	Topic Covered
04-12-2023	condition and collision diagram for the road accidents
05-12-2023	different challenges and its solutions faced by road practitioners for applying the crash prediction models
06-12-2023	stages involved in road safety auditing process
07-12-2023	different road sites that accident developed
08-12-2023	variables involved in jump and flip crashes
09-12-2023	Highway operation and accident control measures

  
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Promoted by: The Diocese of Guntur Society, Guntur

## DEPARTMENT OF MECHANICAL ENGINEERING



Regulation: R19

Year: IV B-TECH, SEM-1

A/Y: 2023-2024

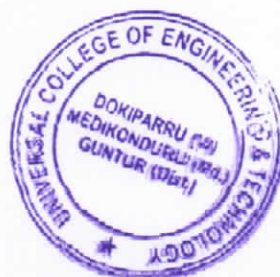
Subject/Laboratory name: SAFETY ENGINEERING

### REMEDIAL CLASSES TO SLOW LEARNERS ATTENDANCE

S.NO	REGD NO	STUDENT NAME	04-12-2023	05-12-2023	06-12-2023	07-12-2023	08-12-2023	09-12-2023
1	20NF1A0307	SETTIPALLI NAVEEN	P		P	P	P	
2	20NF1A0308	VEERLA ROSAIAH		P	P	P	P	
3	21NF5A0301	AKKALA NAGA MALLIKHARJUNA REDDY	P	P	P	P	P	P
4	21NF5A0305	NELAM VIJAY KUMAR	P		P	P	P	P
5	21NF5A0308	PUVVADA KOTINAGA SAIKUMAR	P	P		P	P	P
6	21NF5A0309	SALIMUTTI PAVAN BABU		P	P	P	P	P
7	21NF5A0310	SHAIK AAMININUL ISLAM	P	P	P	P	P	P
8	21NF5A0311	SYED KALESHA	P	P	P	P	P	P

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**DEPARTMENT OF MECHANICAL ENGINEERING**



Regulation: R19

Year: IV B-TECH, SEM-1

A/Y: 2023-2024

Subject/Laboratory name: SAFETY ENGINEERING

**IMPORTANT QUESTIONS FOR SLOW LEARNERS**

**UNIT-1**

- 1.) Explain condition and collision diagram for the road accidents?
- 2.) Analyse the trends observed in road accidents data in our nation?
- 3.) Examine the reasons for the increase in the number of accident data of pedestrian and bicycles? Can you suggest any solutions for that?
- 4.) Explain the various stages in road safety approaches?

**UNIT-2**

- 5.) Describe the initiatives taken by our Govt. to improve road and vehicle related 6 measures for the road safety
- 6.) Discuss about road safety improvement strategies in word level?
- 7.) Enumerate the different road sites that accident developed?
- 8.) Explore the different challenges and its solutions faced by road practitioners for applying the crash prediction models.

**UNIT-3**

- 9.) Investigate the challenges that can be faced during the data collection of developing models for predicting accidents?
- 10.) Explain the stages involved in road safety auditing process?
- 11.) What are the data requirements for RSA?
- 12.) How the ranking of hazardous location can be done to implement road safety improvement measures.

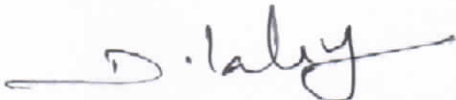
**UNIT-4**


- 13.) What are the Methods for identifying hazardous road locations
- 14.) Examine the reasons for the increase in the number of accident data of pedestrian and bicycles? Can you suggest any solutions for that?

- 15.) Enumerate the different road sites that accident developed?  
16.) Explain the stages involved in road safety auditing process?

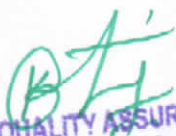
**UNIT-5**

- 17.) What are the variables involved in jump and flip crashes  
18.) Explain in detail about Highway operation and accident control measures.  
19.) Discuss about road safety improvement strategies in word level?  
20.) What are the Methods for identifying hazardous road locations

  
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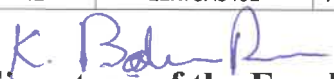
## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Advanced Learners

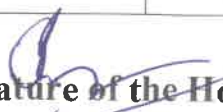
Subject : OC( R204104A)

SEM: IV-I AY :2023-24

S.NO	REG.NO	NAME	MARKS
1	20NF1A0401	ALLU DURGA BHAVANI	14
2	20NF1A0405	BEZAWADA DIVYA SNEHITHA	12
3	20NF1A0406	BOLLIMUNTHA HARSHITHA	13
4	20NF1A0408	CHALLA VISALI	12
5	20NF1A0411	CHIRUMAMILLA SIRISHA	12
6	20NF1A0402	ANEESH TIMMISSETTY	10
7	20NF1A0421	GANGADASU YAMINI	11
8	20NF1A0417	EEDARA VENKATA ROHINI	13
9	20NF1A0420	GANGA LAKSHMI SAHITHI	14
10	20NF1A0424	GUNTAKA BHARATHI	14
11	20NF1A0426	JALASUTRAM SAI VANI	14
12	20NF1A0442	RATNALA SARIKA	13
13	20NF1A0444	SHAIK KHADAR BASHA	14
14	20NF1A0455	VUYYURU KUMARA SWAMY	13
15	20NF1A0462	ATHMURI SOWMYA SRI	12
16	20NF1A0467	CHALLA VENKATA RAMI REDDY	11
17	20NF1A0469	ENADHULA TULASI RAM	11
18	20NF1A0478	KONDA NAGAJYOTHI	11
19	20NF1A0479	KONDA SIVA PARVATHI	11
20	20NF1A0480	KONDISSETTY MAHESH BABU	11
21	20NF1A0481	KOTA KAVI RAJU	4
22	20NF1A0482	KUCHIPUDI CHANDU	8
23	20NF1A0484	KURAGANTI JASHUVA	5
24	20NF1A0483	KUMMARIGUNTA SUSEELA	14
25	20NF1A0488	MALLALA SRIKANTH	11
26	20NF1A0491	MUTHYALA YAMINI	11
27	20NF1A0492	ONTERU TEJASWINI	14
28	20NF1A0498	REPALLE RAJASRI	11
29	20NF1A04A6	THADAVARTHI NAGA LAVANYA	11
30	20NF1A04A7	THADAVARTHI NAGA RAMYA	11
31	20NF1A0462	ATHMURI SOWMYA SRI	12
32	20NF1A0467	CHALLA VENKATA RAMI REDDY	11
33	20NF1A0469	ENADHULA TULASI RAM	11
34	20NF1A0495	POGARTHI CHENNAKESAVULU	11
35	20NF1A0496	RAMISSETTY NAGA HEMANTH ARYA	12
36	20NF1A0499	SETTY VINNY RAJU	13
37	20NF1A04A5	TALLURI ESTHERU RANI	14
38	20NF1A04A9	THIYAGURI JAYARAMI REDDY	15
39	20NF1A0495	POGARTHI CHENNAKESAVULU	16
40	20NF1A0496	RAMISSETTY NAGA HEMANTH ARYA	17
41	20NF1A0499	SETTY VINNY RAJU	18
42	21NF5A0401	ALAVALA VISWANADHA REDDY	15

  
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Regulation: R-20

Year: IV-I

A/Y: 2023-24

Subject/Laboratory name: OPTICAL COMMUNICATIONS (R204104A)

REMEDIAL CLASSES TO SLOW LEARNERS

Date	Topic Covered
2-10-23	Define Graded Index fiber (GIF)
4-10-23	Discuss about the properties and applications of Active glass fibers
6-10-23	Define the term dispersion in fibers. Discuss about Material dispersion
9-10-23	Discuss about single mode fibre joints
11-10-23	List out intrinsic coupling losses and explain any 2 losses with suitable diagrams
13-10-23	What is WDM? Explain the basic principle of WDM?

  
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Regulation: R-20

Year: IV-I

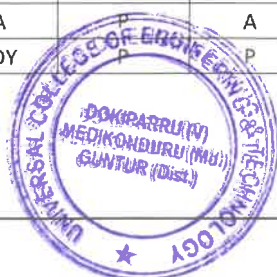
A/Y: 2023-24

Subject/Laboratory name: OPTICAL COMMUNICATIONS (R204104A)

### REMEDIAL CLASSES TO SLOW LEARNERS ATTENDANCE

S.NO	REGD NO	STUDENT NAME	2-10-23	4-10-23	6-10-23	9-10-23	11-10-23	13-10-23
1	20NF1A0404	BELLAM PADMAJA	P	A	P	P	P	P
2	20NF1A0407	B. VENKATA NARAYANA	A	P	A	A	A	A
3	20NF1A0409	CH.VENKAT RAMI REDDY	P	A	A	A	A	P
4	20NF1A0410	CH.BHARGAV KUMAR	A	P	A	P	P	A
5	20NF1A0412	C. VENKATA KALYANI	P	A	P	A	A	P
6	20NF1A0413	DASARI UDAYKIRAN	A	P	P	P	P	A
7	20NF1A0414	DESAM SUSMITHA	P	A	A	P	A	P
8	20NF1A0415	D. NITHIN REDDY	P	P	A	A	P	P
9	20NF1A0416	DUDIKA SIVA BAJI	A	P	A	P	A	A
10	20NF1A0418	EERLA SRAVAN KUMAR	P	A	P	P	P	P
11	20NF1A0422	G.JAGADEESH REDDY	P	A	P	A	A	A
12	20NF1A0427	KANDI YOGA BHARGAVI	A	P	A	A	P	P
13	20NF1A0428	KARASALA MEGHANA	P	P	P	A	A	A
14	20NF1A0431	KOLLI PAVANI	P	A	P	P	P	P
15	20NF1A0433	M.BALAKRISHNA	A	P	A	A	A	A
16	20NF1A0434	MANNEM SAI BALAJI	P	A	A	A	A	P
17	20NF1A0435	MOGADASU SAI KALYAN	A	P	A	P	P	A
18	20NF1A0438	PATAN SUBHANI	P	A	P	A	A	P
19	20NF1A0439	PELLURI GOURINADH	A	P	P	P	P	A
20	20NF1A0440	PULLAGURA SINDHU	P	A	P	P	P	P
21	20NF1A0441	R.MALLIKARJUNA REDDY	A	P	A	A	A	A
22	20NF1A0445	S.DIVYA SRAVANA LAKSHMI	P	A	A	A	A	P
23	20NF1A0447	SYAMALA ASHOK REDDY	A	P	A	P	P	A
24	20NF1A0449	T.VENKATA REDDY	P	A	P	A	A	P
25	20NF1A0450	THANNEERU MOUNIKA	A	P	P	P	P	A
26	20NF1A0451	T.BHANU PRAKASH	P	A	A	P	A	P
27	20NF1A0452	T. GNANAMBIKA	P	P	A	A	P	P
28	20NF1A0453	VANTARI SRAVANI	A	P	A	P	A	A
29	20NF1A0454	VELPURI SRINIVAS	P	A	P	P	P	P
30	20NF1A0456	YANNA PRAVEEN REDDY	P	A	P	A	A	A
31	20NF1A0457	Y.V. SAI PRAKASH	A	P	A	A	P	P
32	20NF1A0404	BELLAM PADMAJA	P	P	P	A	A	A
33	20NF1A0461	AKULA JAYA BABU	P	A	P	P	P	P
34	20NF1A0463	A.LAKSHMI NIKITHA	A	P	A	A	A	A
35	20NF1A0465	B.V.GOPALA REDDY	P	A	A	A	A	P
36	20NF1A0466	CH.CHAITANYA TEJA	A	P	A	P	P	A
37	20NF1A0471	GAJULA BABI GANESH	P	A	P	A	A	P
38	20NF1A0472	GOLLAPALLI RAVI KIRAN	A	P	P	P	P	A
39	20NF1A0473	G.VENKATA NARAYANA	P	A	A	P	A	P
40	20NF1A0474	K.VENKATA RAMI REDDY	P	P	A	A	P	P

*K. Balu*  
Signature of the Faculty



*[Signature]*  
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Regulation: R-20**

**Year: IV-I**

**A/Y: 2023-24**

**Subject/Laboratory name: OPTICAL COMMUNICATIONS (R204104A)**

**IMPORTANT QUESTIONS FOR SLOW LEARNERS**

**UNIT-1**

1. Define Graded Index fiber (GIF). Explain the ray transmission mechanism in GIF.
2. Draw the structure of an optical fiber. Explain mode coupling effects due to bends in fiber.
3. Draw the structure of an optical fiber and explain each part. Why is the cladding refractive index less than the core refractive index? Explain.
4. Draw the block diagram of an optical fiber communication system and explain each part.

**UNIT-2**

1. Discuss about the properties and applications of active glass fibers.
2. Define the term dispersion in fibers. Discuss about material dispersion.
3. Elucidate micro and macro bending losses.
4. Explain about information capacity determination.

**UNIT-3**

1. Discuss about single mode fiber joints.
2. List out intrinsic coupling losses and explain any 2 losses with suitable diagrams.
3. Explain about self-alignment types existing during fusion splicing.
4. What parameters should be considered while selecting a good OF connector design? Explain.



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UNIT – 4


1. Design a surface emitting LED and explain its irradiation property
2. How does the temperature affect the APD avalanche gain? Explain.
3. How can we estimate the resonant frequencies of a laser diode? Explain
4. Classify detector response time and explain any one of the methods.

UNIT – 5

1. Write a note on Equilibrium Numerical Aperture and discuss its applications
2. What is WDM? Explain the basic principle of WDM?
3. Explain how the power is coupled from source to fiber. Discuss the importance of acceptance angle during power coupling
4. List out the types of error sources and explain about any two sources.

  
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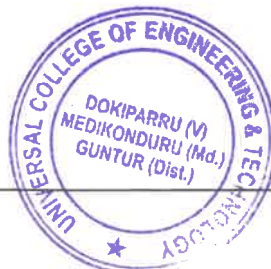


DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SLOW LEARNERS			
Subject: VLSI DESIGN (R2032042)		SEM: III-II	AY:2023-24
S.NO	REG.NO	NAME	MARKS
1	21NF1A0405	BULLA SAMUEL KIRAN	8
2	21NF1A0420	JANA SONU KUMAR	7
3	21NF1A0445	RACHAKONDA RAVIKIRAN	9
4	21NF1A0449	SHAIK MOHAMMAD AZHARUDDIN	7
5	21NF1A0457	YANDRAPALLI SRIKANTH	5
6	21NF1A0458	YENDREDDY NAVEEN REDDY	7
7	21NF1A0461	A MAHESHWARA REDDY	7
8	21NF1A0469	GUNTAGANI SAGARBABU	8
9	21NF1A0477	PATHI SHESHI VARDHAN REDDY	9
10	21NF1A0475	MUKKU BHAGYA LAKSHMI	9
11	21NF1A0476	PAGADALA SIVA KRISHNA	8
12	21NF1A0478	PERIKALA SWARNA LATHA	7
13	22NF5A0401	DASARI RAVI KUMAR	8

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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Advanced Learners			
Subject : VLSI DESIGN (R2032042)		SEM: III-II AY :2023-24	
S.NO	REG.NO	NAME	MARKS
1	21NF1A0401	BANDI NAGA SURENDRA REDDY	14
2	21NF1A0403	BITRA SAROJA	15
3	21NF1A0404	BOKKA PREETHI	15
4	21NF1A0406	CHATLA PRAVEEN	14
5	21NF1A0407	CHAVAPATI JAN SHAREEF	11
6	21NF1A0408	CHINTA REDDY VENKATA RAMANA	15
7	21NF1A0411	DIBBAMADUGU SRINU	15
8	21NF1A0412	DODDA JHANSI RANI	15
9	21NF1A0413	DOPPALAPUDI MERCY	14
10	21NF1A0414	GALLA LAKSHMI TRIVENI	15
11	21NF1A0416	INABATTENI TRIVENI	15
12	21NF1A0417	ITTE BHARATHI	15
13	21NF1A0418	JAGARLAMUDI ANIL	15
14	21NF1A0419	JAKKA ANITHA	15
15	21NF1A0422	KANAMARLAPUDI MANI KANTA	14
16	21NF1A0423	KATAM PAVANI	14
17	21NF1A0424	KILARU BHANU VENKATA NAGA HARI PRASAD	11
18	21NF1A0428	KONDAYAPALLE SRAVANI	15
19	21NF1A0429	KOTA JAHNAVI	15
20	21NF1A0430	KOTHURI VENKATESH	12
21	21NF1A0431	MADHAVARAPU AKHIL	13
22	21NF1A0432	MANGALAGIRI VARSHITHA	14
23	21NF1A0436	NALI KRISHNAVENI	15
24	21NF1A0438	NEERUDI NANDINI	15
25	21NF1A0439	OLETI THANMAYI	15
26	21NF1A0447	SHAIK KAMAL KALESHA VALI	11
27	21NF1A0450	TALLURI ANUSHA	15
28	21NF1A0455	VEMULA BALU	14
29	21NF1A0463	BOMMANABOINA SAIDARAO	15
30	21NF1A0464	CHINDUKURI JAHNAVI	14
31	21NF1A0466	CHUKKA SANTHAKUMAR	11
32	21NF1A0467	D VENKATA SIVA	15
33	21NF1A0468	EGA NAGA VARSHIKA LAKSHMI	14
34	21NF1A0470	JAMMI SAMANTH	13
35	21NF1A0471	JANNE SRIKANTH	15
36	21NF1A0472	KADURU RAMA KRISHNA	12
37	21NF1A0473	KOKKILIGADDA ESTHERU RANI	13
38	21NF1A0474	KOMMATHOTI KOKILA	15

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Regulation: R-20**

**Year: III-II**

**A/Y: 2023-24**

**Subject/Laboratory name: VLSI DESIGN**

**REMEDIAL CLASSES TO SLOW LEARNERS**

Date	Topic Covered
9-3-24	Write the steps involved to prototype the HDL code onto FPGA device
11-3-24	What is inverter delay? How delay is calculated for multiple stages
13-3-24	Draw the circuit diagram of Common Gate amplifier and explain its operation
15-3-24	Explain the operation of multiplexer based latches in detail.
18-3-24	Write short notes on Ultra Deep-Submicron Era in detail
20-3-24	Write about FPGA families of different vendors

  
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Regulation: R-20

Year: III-II

A/Y: 2023-24

Subject/Laboratory name: VLSI DESIGN

REMEDIAL CLASSES TO SLOW LEARNERS ATTENDANCE

S.NO	REGD NO	STUDENT NAME	9-3-24	11-3-24	13-3-24	15-3-24	18-3-24	20-3-24
1	21NF1A0405	BULLA SAMUEL KIRAN	P	A	P	A	P	P
2	21NF1A0420	JANA SONU KUMAR	A	P	P	P	P	A
3	21NF1A0445	RACHAKONDA RAVIKIRAN	P	P	A	A	A	P
4	21NF1A0449	SHAIK MOHAMMAD AZHARUDDIN	A	A	P	A	P	A
5	21NF1A0457	YANDRAPALLI SRIKANTH	P	P	A	P	A	P
6	21NF1A0458	YENDREDDY NAVEEN REDDY	P	A	P	P	P	A
9	21NF1A0461	A MAHESHWARA REDDY	P	P	P	A	P	A
10	21NF1A0469	GUNTAGANI SAGARBABU	P	A	A	P	A	P
11	21NF1A0477	PATHI SHESHI VARDHAN REDDY	A	P	P	A	P	A
12	21NF1A0475	MUKKU BHAGYA LAKSHMI	A	A	A	P	A	P
13	21NF1A0476	PAGADALA SIVA KRISHNA	A	A	A	P	A	P

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**Regulation: R20**

**Year: III-II A/Y: 2023-24**

**Subject/Laboratory name: VLSI DESIGN**

**IMPORTANT QUESTIONS FOR SLOW LEARNERS**

**UNIT-1**

1. Write down the equations for  $I_{ds}$  of an n-channel enhancement MOSFET operating in Non-saturated region and saturated region
2. Determine pull-up to pull-down ratio of an NMOS inverter when driven through one or more pass transistors
3. Design a stick diagram for CMOS logic  $Y = (A+B+C)$
4. Explain the steps in twin-tub process of CMOS fabrication with suitable sketch.

**UNIT-2**

1. What is inverter delay? How delay is calculated for multiple stages
2. Explain scaling of MOS circuits. Give merits and demerits of scaling.
3. How does depletion regions around source and drain are affected due to scaling down of device dimensions? Explain
4. Discuss about NMOS transistor as a switch and PMOS transistor as a switch

**UNIT-3**

1. Draw the circuit diagram of Common Gate amplifier and explain its operation
2. Draw the circuit diagram of Common Gate amplifier and explain its operation
3. Draw the circuit diagram of Common Drain amplifier and explain its operation
4. Draw the circuit diagram of single stage amplifier with resistive load and explain its operation.




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UNIT – 4

1. Explain the operation of multiplexer based latches in detail.
2. Write short notes on Meta stability in CMOS Logic
3. Draw the circuit diagram of SR Master Slave register and explain its operation
4. Write short notes on Ultra Deep-Submicron Era in detail.

UNIT – 5

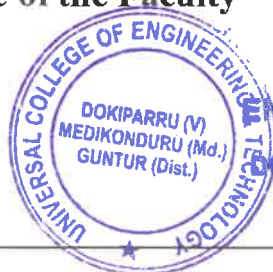
1. Write about FPGA families of different vendors.
2. Write short notes on Metal Gate Technology in detail .
3. What is the need of a FPGA? And write its applications
4. Write the steps involved to prototype the HDL code onto FPGA device

  
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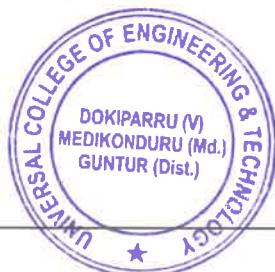
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SLOW LEARNERS			
Subject: EMWTL (R2031042)		SEM: III-I	AY:2023-24
S.NO	REG.NO	NAME	MARKS
1	21NF1A0401	BANDI NAGA SURENDRA REDDY	8
2	21NF1A0405	BULLA SAMUEL KIRAN	2
3	21NF1A0407	CHAVAPATI JAN SHAREEF	3
4	21NF1A0420	JANA SONU KUMAR	0
5	21NF1A0425	KODIREKKA JOSEPH	2
6	21NF1A0426	KOMMANABOINA VENKATA MANIKANTA	1
7	21NF1A0431	MADHAVARAPU AKHIL	2
8	21NF1A0445	RACHAKONDA RAVIKIRAN	7
9	21NF1A0447	SHAIK KAMAL KALESHA VALI	2
10	21NF1A0448	SHAIK MAHABU JANI	5
11	21NF1A0452	THOKALA SUBHASH	2
12	21NF1A0455	VEMULA BALU	0
13	21NF1A0456	YANGALA SANGEETH	2
14	21NF1A0461	ANNAPUREDDY VENKATA MAHESHWARA REDDY	9
15	21NF1A0462	ATLA SRINU	2
16	21NF1A0463	BOMMANABOINA SAIDARAO	4
17	21NF1A0465	CHINTHA MANIKANTA REDDY	3
18	21NF1A0468	EGA NAGA VARSHIKA LAKSHMI	9
19	21NF1A0469	GUNTAGANI SAGARBABU	9
20	21NF1A0472	KADURU RAMA KRISHNA	9
21	21NF1A0474	KOMMATHOTI KOKILA	9
22	21NF1A0475	MUKKU BHAGYA LAKSHMI	9
23	21NF1A0476	PAGADALA SIVA KRISHNA	8
24	21NF1A0481	SANAGA VISHNUVARDHAN REDDY	0
25	21NF1A0482	SHAIK FAIZ AHAMED	5
26	21NF1A0483	SHAIK MOHAMMAD AZIZULLA	6
27	21NF1A0484	SHAIK MOHAMMAD HAFIZULLA	9
28	21NF1A0485	THONTLA HEMANTH REDDY	4
29	21NF1A0491	SIRIGIRI KOTIREDDY	4
30	22NF5A0403	KATASANI MANJU	9

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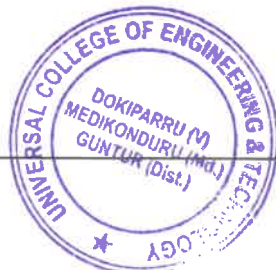


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Advanced Learners			
Subject : EMWTL(R201042)		SEM: III-I AY :2023-24	
S.NO	REG.NO	NAME	MARKS
1	21NF1A0411	DIBBAMADUGU SRINU	15
2	21NF1A0412	DODDA JHANSI RANI	13
3	21NF1A0414	GALLA LAKSHMI TRIVENI	13
4	21NF1A0415	GOWRU SUPRIYA	14
5	21NF1A0417	ITTE BHARATHI	15
6	21NF1A0418	JAGARLAMUDI ANIL	15
7	21NF1A0419	JAKKA ANITHA	14
8	21NF1A0428	KONDAYAPALLE SRAVANI	13
9	21NF1A0429	KOTA JAHNAVI	15
10	21NF1A0432	MANGALAGIRI VARSHITHA	14
11	21NF1A0436	NALI KRISHNAVENI	14
12	21NF1A0438	NEERUDI NANDINI	15
13	21NF1A0416	INABATTENI TRIVENI	15
14	21NF1A0430	KOTHURI VENKATESH	13
15	21NF1A0437	NALLAPANENI KALPANA	14
16	21NF1A0439	OLETI THANMAYI	15
17	21NF1A0450	TALLURI ANUSHA	13
18	21NF1A0464	CHINDUKURI JAHNAVI	13
19	21NF1A0466	CHUKKA SANTHAKUMAR	14
20	21NF1A0467	DHARANIKOTA NAGA VEERA VENKATA SIVA	14
21	21NF1A0471	JANNE SRIKANTH	14
22	21NF1A0478	PERIKALA SWARNA LATHA	13
23	21NF1A0479	RAGIPINDI BALA CHENNA REDDY	14
24	21NF1A0480	RAVELA VIJAYAPPAUL	14
25	21NF1A0486	THURAKA SANDEEP KUMAR	13
26	21NF1A0487	VEERNAPO MOUNIKA	14
27	21NF1A0488	VUYYURU VINEELA	12
28	21NF1A0489	YANNA SAMBHAVI	15
29	22NF5A0402	KATARAPU PRIYA	15
30	22NF5A0404	KOLUSU SAMBASIVAIAH	14
31	22NF5A0405	REDDIBOYINA MOUNIKA	12

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Regulation: R-20

Year: III-I

A/Y: 2023-24

Subject/Laboratory name: ELECTRO MAGNETIC WAVES AND TRANSMISSION LINES

REMEDIAL CLASSES TO SLOW LEARNERS

Date	Topic Covered
30-10-23	Transform vector $4a_x - 2a_y - 4a_z$ into spherical co ordinates at $(-2, 3, 4)$ .
2-10-23	Derive an equation of Characteristic Impedance? Estimate the Characteristic Impedance offered by a Lossless line?
5-10-23	Define coulomb's law? Explain coulomb's law in vector form
7-10-23	State Electric field intensity ( $\vec{E}$ ) and also express $\vec{E}$ in vector form
9-10-23	Define coulomb's law? Explain coulomb's law in vector form
11-10-23	Define Quarter Wave transformer? Explain the impedance behavior of the line?

  
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Regulation: R-20

Year: III-I

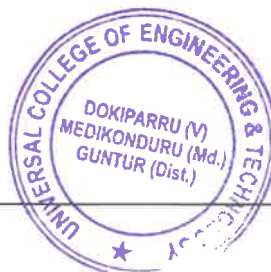
A/Y: 2023-24

Subject/Laboratory name: ELECTRO MAGNETIC WAVES AND TRANSMISSION LINES

### REMEDIAL CLASSES TO SLOW LEARNERS ATTENDANCE

S.NO	REGD NO	STUDENT NAME	30-9-2023	2-10-2023	5-10-2023	7-10-2023	9-10-2023	11-10-2023
1	21NF1A0401	BANDI NAGA SURENDRA REDDY	P	A	P	P	A	P
2	21NF1A0405	BULLA SAMUEL KIRAN	A	P	A	A	P	A
3	21NF1A0407	CHAVAPATI JAN SHAREEF	A	P	P	P	A	P
4	21NF1A0420	JANA SONU KUMAR	P	A	P	A	P	A
5	21NF1A0425	KODIREKKA JOSEPH	P	A	A	P	A	P
6	21NF1A0426	K. VENKATA MANIKANTA	A	P	P	A	P	A
7	21NF1A0431	MADHAVARAPU AKHIL	A	P	A	P	P	P
8	21NF1A0445	RACHAKONDA RAVIKIRAN	P	P	P	A	A	A
9	21NF1A0447	SHAIK KAMAL KALESHA VALI	A	P	A	P	A	A
10	21NF1A0448	SHAIK MAHABU JANI	P	A	P	A	P	P
11	21NF1A0452	THOKALA SUBHASH	A	P	P	P	A	A
12	21NF1A0455	VEMULA BALU	P	P	A	A	P	P
13	21NF1A0456	YANGALA SANGEETH	P	A	P	P	P	P
14	21NF1A0461	A.V.MAHESHWARA REDDY	A	P	P	A	A	A
15	21NF1A0462	ATLA SRINU	A	P	A	A	P	A
16	21NF1A0463	BOMMANABOINA SAIDARAO	A	P	P	P	A	P
17	21NF1A0465	CHINTHA MANIKANTA REDDY	P	A	P	A	P	A
18	21NF1A0468	EGA NAGA VARSHIKA LAKSHMI	A	P	A	A	P	A
19	21NF1A0469	GUNTAGANI SAGARBABU	A	P	P	P	A	P
20	21NF1A0472	KADURU RAMA KRISHNA	P	A	P	A	P	A
21	21NF1A0474	KOMMATHOTI KOKILA	P	A	A	P	A	P
22	21NF1A0475	MUKKU BHAGYA LAKSHMI	A	P	P	A	P	A
23	21NF1A0476	PAGADALA SIVA KRISHNA	A	P	A	P	P	P
24	21NF1A0481	S. VISHNUVARDHAN REDDY	P	P	P	A	A	A
25	21NF1A0482	SHAIK FAIZ AHAMED	A	P	A	P	A	A
26	21NF1A0483	SHAIK MOHAMMAD AZIZULLA	P	A	P	A	P	P
27	21NF1A0484	SHAIK MOHAMMAD HAFIZULLA	A	P	P	P	A	A
28	21NF1A0485	THONTLA HEMANTH REDDY	P	P	A	A	P	P
29	21NF1A0491	SIRIGIRI KOTIREDDY	P	A	P	P	P	P
30	22NF5A0403	KATASANI MANJU	A	P	P	A	A	A

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Regulation: R-20**

**Year: III-I**

**A/Y: 2023-24**

**Subject/Laboratory name: ELECTRO MAGNETIC WAVES AND TRANSMISSION LINES**

**IMPORTANT QUESTIONS FOR SLOW LEARNERS**

**UNIT-1**

1. Define a transmission Line? List out types of transmission lines? Draw an equivalent circuit of 2-wire transmission line?
2. Define Phase velocity and Group velocity? A lossless transmission line of length 100 m has an inductance of  $28\mu\text{H}$  and a capacitance of  $20\text{nF}$ . Estimate (i) propagation velocity (ii) propagation velocity in the medium of relative permittivity is 9.
3. A telephone line has  $R = 30 \Omega/\text{km}$ ,  $L = 100 \text{mH}/\text{km}$ ,  $G = 0$ , and  $C = 20 \mu\text{F}/\text{km}$ . At  $f = 1 \text{kHz}$ , obtain Secondary Constants: (i) The characteristic impedance of the line (ii) The propagation constant.
4. Derive an equation of Characteristic Impedance? Estimate the Characteristic Impedance offered by a Lossless line?

**UNIT-2**

1. Discuss SC lines of transmission lines.
2. Define Quarter Wave transformer? Explain the impedance behavior of the line?
3. Discuss OC lines of transmission lines.
4. Define stub matching? Explain the designing procedure of a single stub matching

**UNIT-3**

1. Define coulomb's law? Explain coulomb's law in vector form.
2. Two point charges  $Q_1=10\text{nc}$  located at  $(1,2,3)$  &  $Q_2=25\text{nc}$  located at  $(3,6,8)$  Find force experienced on  $Q_1$  and  $Q_2$ .
3. State Electric field intensity ( $\vec{E}$ ) and also express  $\vec{E}$  in vector form
4. Transform vector  $4a_x - 2a_y - 4a_z$  into spherical co ordinates at  $(-2,3,4)$ .

**UNIT - 4**

1. In a magnetic flux density of  $B=2ax + 3 ay \text{ wb}/\text{m}^2$ , a current element,  $10az \text{ mA}\cdot\text{m}$  is placed. Find the force on the current element.
2. Derive H-field due to a finite current element placed along Z- axis.
3. List out Maxwell's equations in Static and time varying form. Explain the differences between them
4. The tangential component of E in medium 1 is the same as that of E in medium 2 at any boundary?



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### UNIT – 5

1. Explain about need for biasing in Electronic circuits What are the factors effecting the stability factor.
2. Draw the h- parameter equivalent Circuit for a typical common base Amplifier & derive an Expression for ' $A_i$ ' & ' $A_v$ '
3. What are the benefits of h- parameter
4. Define the expression for voltage gain current gain i/p & o/p Impedance of cc amplifier using Exact and approximate Analysis

  
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SLOW LEARNERS			
Subject: ECA (R2022041)		SEM: II-II	AY:2023-24
S.NO	REG.NO	NAME	MARKS
1	22NF1A0409	DURU KARTHIKEYA	9
2	22NF1A0421	MELAM BALA SAIDULU	8
3	22NF1A0431	REPUDI EFRAYIMBABU	9
4	22NF1A0438	SHAIK NAGUR BASHA	8

  
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# UNIVERSAL COLLEGE OF ENGINEERING AND TECHNOLOGY

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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Advanced Learners			
Subject : ECA (R2022041)		SEM: II-II AY :2023-24	
S.NO	REG.NO	NAME	MARKS
1	22NF1A0403	BANDLAMURI ISWARYA	14
2	22NF1A0404	BARMA MOUNIKA	14
3	22NF1A0405	BATTULA VENKATESWARLU	14
4	22NF1A0406	BOINA VYSHNAVI	13
5	22NF1A0408	DABBUKOTTU NAGA SAI DURGA	14
6	22NF1A0410	GATTU LAKSHMI MANOHAR	13
7	22NF1A0411	KADAPA NAGA CHANDRASEKHAR	14
8	22NF1A0412	KATUPALLI NAGESWARA RAO	13
9	22NF1A0414	KOMERA ASWINI	14
10	22NF1A0415	KOMERA SABARI	14
11	22NF1A0416	KUMMARIGUNTA VANAJARANI	14
12	22NF1A0418	LINGSETTY BALA NAVYA SRI	13
13	22NF1A0419	MANDADI SRINIVASA RAO	14
14	22NF1A0423	MUKTHA RAMYA SAI	14
15	22NF1A0424	MUNNANGI YASWANTH VENKATA RAMIREDDY	14
16	22NF1A0425	NADIMINTI GURU HEMALATHA	13
17	22NF1A0426	NAGADASARI SHIVANI	15
18	22NF1A0429	RAVELA KRANTHIKISHORE	13
19	22NF1A0434	SHAIK IMRAN	13
20	22NF1A0439	SHAIK RAZIA	14
21	22NF1A0441	TELAGANETI ROHITH KUMAR	13
22	22NF1A0443	UDUMULA NANDINI	14
23	22NF1A0445	VALIVETI PRAMOD KUMAR	13

  
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Regulation: R-20

Year: II-II

A/Y: 2023-24

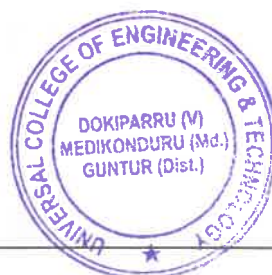
Subject/Laboratory name: ELECTRONIC CIRCUIT ANALYSIS

REMEDIAL CLASSES TO SLOW LEARNERS

Date	Topic Covered
26-2-24	Write about gain band width product
28-2-24	Write the Elements of Hybrid $\pi$ model
1-3-24	Perform the Analysis of Boot strapped Emitter follower
4-3-24	Draw the circuit diagram of current shunt feedback and derive Expression for $R_i$ and $R_o$
6-3-24	Draw the circuit diagram of BJT based RC phase shift oscillator and derive the expression for frequency of oscillator and condition for sustained oscillations
8-3-24	Draw the circuit diagram of direct coupled class A amplifier and derive expression for efficiency

  
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Regulation: R-20

Year: II-II

A/Y: 2023-24

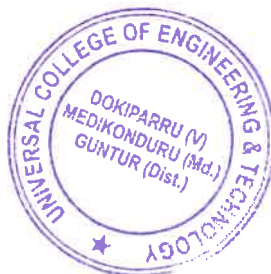
Subject/Laboratory name: ELECTRONIC CIRCUIT ANALYSIS

### REMEDIAL CLASSES TO SLOW LEARNERS ATTENDANCE

S.NO	REGD NO	STUDENT NAME	26-2-24	28-2-24	1-3-24	4-3-24	6-3-24	8-3-24
1	22NF1A0409	DURU KARTHIKEYA	P	P	A	P	P	A
2	22NF1A0421	MELAM BALA SAIDULU	A	P	P	A	A	P
3	22NF1A0431	REPUDI EFRAYIMBABU	P	A	P	P	P	A
4	22NF1A0438	SHAIK NAGUR BASHA	P	A	A	A	A	P

  
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Regulation: R-20**

**Year: II-II**

**A/Y: 2023-24**

**Subject/Laboratory name: ELECTRONIC CIRCUIT ANALYSIS**

**IMPORTANT QUESTIONS FOR SLOW LEARNERS**

**UNIT-1**

1. Write about gain band width product
2. Derive the Expression for output conductance of Hybrid  $\pi$  model
3. Derive the Expressions of Hybrid  $A_v$ ,  $A_i$  and input and output resistance of a common Drain Amplifier at high frequencies
4. Write the Elements of Hybrid  $\pi$  model

**UNIT-2**

1. Perform the Analysis of Boot strapped Emitter follower
2. Draw the circuit diagram of cascade Amplifier and Explain its working
3. What are the Advantages of common collector Amplifier? how the input resistance of CC Amplifier can be Enhanced further
4. What is darling ton Transistor? What are the features

**UNIT-3**

1. Draw the circuit diagram of current shunt feedback and derive Expression for  $R_i$  and  $R_o$
2. Draw the Block diagram of general feed back Amplifier. Explain the function of each block
3. How does negative feedback reduce distortion in an amplifier.
4. Draw the circuit diagram of current shunt feedback and derive expression for input and output resistances.

**UNIT - 4**

1. Draw the circuit diagram of BJT based RC phase shift oscillator and derive the expression for frequency of oscillator and condition for sustained oscillations.
2. What is Colpitts oscillator and derive an expression for frequency of oscillation
3. Draw the circuit diagram of Wein bridge oscillator and derive an expression for frequency of oscillation and condition for sustained oscillations
4. Perform the liner analysis of cc amplifier feedback concept.






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UNIT - 5

1. Discuss the techniques of wave incidences in the medium?
2. Explain the properties of Parallel Polarization in Oblique Wave Incidence?
3. The wavelength of an x-directed plane wave in a lossless medium is  $1\text{ m}$  and the velocity of propagation is  $1.5 \times 10^{10}\text{ cm/s}$ . The wave has z-directed electric field with an amplitude equal to  $10\text{ V/m}$ . Find the frequency and permittivity of the medium
4. When the amplitude of the magnetic field in a plane wave is  $2\text{ A/m}$ , (i) determine the magnitude of the electric field for the plane wave in free space (ii) determine the magnitude of the electric field when the wave propagates in a medium

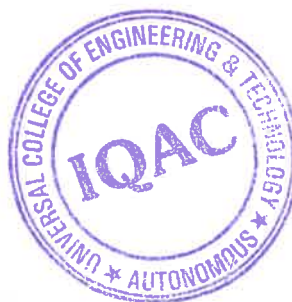
  
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SLOW LEARNERS			
Subject: EDC(R2021041)		SEM: II-I	AY:2023-24
S.NO	REG.NO	NAME	MARKS
1	22NF1A0402	ANISSETTY UDAY KIRAN	8
2	22NF1A0413	KOLA GOKULA MARUTHI	9
3	22NF1A0422	MOTHUKURI VENKATESH	4
4	22NF1A0424	MUNNANGI YASWANTH VENKATA RAMIREDDY	9
5	22NF1A0428	PILLI YASWANTH	8
6	22NF1A0429	RAVELA KRANTHIKISHORE	5
7	22NF1A0432	SETTI SRINIVAS	8
8	22NF1A0433	SHAIK GOUSE MASTAN	3
9	22NF1A0434	SHAIK IMRAN	8
10	22NF1A0435	SHAIK KHAJA	9
11	22NF1A0436	SHAIK MUJAHID	8
12	22NF1A0440	SHAIK YASIN	2
13	22NF1A0442	THONTLA LAKSHMI NARAYANA REDDY	8

  
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Advanced Learners			
Subject : EDC (R2021041)		SEM: II-I AY :2023-24	
S.NO	REG.NO	NAME	MARKS
1	22NF1A0403	BANDLAMURI ISWARYA	13
2	22NF1A0405	BATTULA VENKATESWARLU	14
3	22NF1A0408	DABBUKOTTU NAGA SAI DURGA	13
4	22NF1A0411	KADAPA NAGA CHANDRASEKHAR	14
5	22NF1A0414	KOMERA ASWINI	15
6	22NF1A0415	KOMERA SABARI	15
7	22NF1A0416	KUMMARIGUNTA VANAJARANI	15
8	22NF1A0418	LINGSETTY BALA NAVYA SRI	13
9	22NF1A0419	MANDADI SRINIVASA RAO	14
10	22NF1A0420	MATANGI MOHITH	13
11	22NF1A0425	NADIMINTI GURU HEMALATHA	15
12	22NF1A0426	NAGADASARI SHIVANI	15
13	22NF1A0431	REPUDI EFRAYIMBABU	13
14	22NF1A0439	SHAIK RAZIA	13
15	22NF1A0444	VADDIMUKKALA ANKAIAH BABU	13
16	22NF1A0445	VALIVETI PRAMOD KUMAR	13

  
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Regulation: R-20


Year: II-I

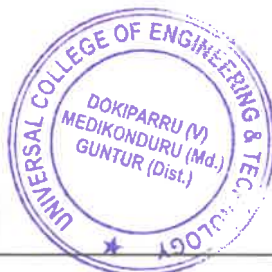
A/Y: 2023-24


Subject/Laboratory name: ELECTRONIC DEVICES AND CIRCUITS

### REMEDIAL CLASSES TO SLOW LEARNERS

Date	Topic Covered
7-10-23	Explain about Hall Effect
9-10-23	Explain about Current Components in P-N junction diode?
11-10-23	Explain how Zener Diode acts as a voltage Regulator
13-10-23	Explain the operation of Transistor in CE configuration and draw its input and O/P characteristics?
16-10-23	Explain the working of on Enhancement -Type MOSFET
18-10-23	Explain about need for biasing in Electronic circuits What are the factors effecting the stability factor.

  
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Regulation: R20

Year: II-I A/Y: 2023-24

Subject/Laboratory name: EDC (R2021041)

### REMEDIAL CLASSES TO SLOW LEARNERS ATTENDANCE

S.NO	REGD NO	STUDENT NAME	7-10-2023	09-10-2023	11-10-2023	13-10-2023	16-10-2023	18-10-2023
1	22NF1A0402	ANISETTY UDAY KIRAN	P	P	A	P	P	A
2	22NF1A0413	KOLA GOKULA MARUTHI	P	A	A	P	A	P
3	22NF1A0422	MOTHUKURI VENKATESH	A	P	P	A	P	A
4	22NF1A0424	MUNNANGI YASWANTH VENKATA RAMIREDDY	P	P	P	A	P	A
5	22NF1A0428	PILLI YASWANTH	A	A	A	P	A	P
6	22NF1A0429	RAVELA KRANTHIKISHORE	P	P	A	P	P	A
7	22NF1A0432	SETTI SRINIVAS	P	A	P	A	A	P
8	22NF1A0433	SHAIK GOUSE MASTAN	A	P	A	P	P	A
9	22NF1A0434	SHAIK IMRAN	A	A	A	P	A	P
10	22NF1A0435	SHAIK KHAJA	P	A	P	A	P	P
11	22NF1A0436	SHAIK MUJAHID	A	P	P	A	P	A
12	22NF1A0440	SHAIK YASIN	P	A	A	P	A	P
13	22NF1A0442	THONTLA LAKSHMI NARAYANA REDDY	A	P	A	P	P	P

  
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Regulation: R-20

Year: II-I A/Y: 2023-24

Subject/Laboratory name: ELECTRONIC DEVICES AND CIRCUITS

**IMPORTANT QUESTIONS FOR SLOW LEARNERS**

**UNIT-1**

1. What is meant by fermi level in semiconductor where does the fermi level lie in an intrinsic semiconductor? Prove that the fermi level in an n-type material is much closer to the conduction band.
2. Explain about Hall Effect
3. The Hall-coefficient of Specimen doped silicon is found to be  $3.66 \times 10^4 \text{ m}^3/\text{c}$  of charge carriers assume single carriers conduction.
4. Explain about Current Components in P-N junction diode?

**UNIT-2**

1. Explain how Zener Diode acts as a voltage Regulator
2. Explain the construction and operation of SCR ?
3. Draw and Explain the V-I characteristics of Varactor diode?
4. Explain the operation of Bridge Rectifier with neat CKT diagram?

**UNIT-3**

1. Explain the operation of Transistor in CE configuration and draw its input and O/P characteristics?
2. Explain the Various current Components in BJT?
3. certain Transistor has a current gain of 0.99 in CB configuration and other Transistor has  $\beta=70$ , determine it's  $\alpha$
4. Draw the Ebers Moll model of a Transistor for NPN Transistor and Explain the same

**UNIT – 4**

1. Explain the working of on Enhancement -Type MOSFET.
2. Explain about need for biasing in Electronic circuits What are the factors effecting the stability factor.
3. Explain the contractions and operation of n- channel JFET. Discuss it's drain and transfer characteristics
4. Define stability factor.



UNIT - 5

1. Draw the circuit diagram of direct coupled class A amplifier and derive expression for efficiency
2. Draw the circuit diagram of capacitance coupled single tuned amplifier
3. A single transistor operates as an ideal class B amplifier
4. Draw the circuit diagram double tuned amplifier and derive expression for 3db band width

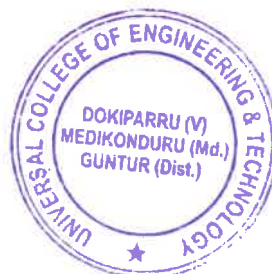
  
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SLOW LEARNERS			
Subject: OC (R204104A)		SEM: IV-I	AY:2023-24
S.NO	REG.NO	NAME	MARKS
1	20NF1A0404	BELLAM PADMAJA	7
2	20NF1A0407	BOLLU VENKATA NARAYANA	7
3	20NF1A0409	CHEREDDY VENKAT RAMI REDDY	4
4	20NF1A0410	CHINTIRALA BHARGAV KUMAR	7
5	20NF1A0412	CHOPPA VENKATA KALYANI	8
6	20NF1A0413	DASARI UDAYKIRAN	6
7	20NF1A0414	DESAM SUSMITHA	9
8	20NF1A0415	DEVIREDDY NITHIN REDDY	7
9	20NF1A0416	DUDIKA SIVA BAJI	8
10	20NF1A0418	EERLA SRAVAN KUMAR	4
11	20NF1A0422	GANTA JAGADEESH REDDY	6
12	20NF1A0427	KANDI YOGA BHARGAVI	9
13	20NF1A0428	KARASALA MEGHANA	7
14	20NF1A0431	KOLLI PAVANI	9
15	20NF1A0433	MANDAPATI BALAKRISHNA	4
16	20NF1A0434	MANNEM SAI BALAJI	8
17	20NF1A0435	MOGADASU SAI KALYAN	6
18	20NF1A0438	PATAN SUBHANI	8
19	20NF1A0439	PELLURI GOURINADH	7
20	20NF1A0440	PULLAGURA SINDHU	7
21	20NF1A0441	RAMI REDDY MALLIKARJUNA REDDY	4
22	20NF1A0445	SIKAKOLLI DIVYA SRAVANA LAKSHMI	7
23	20NF1A0447	SYAMALA ASHOKREDDY	8
24	20NF1A0449	THAMMINENI VENKATA REDDY	6
25	20NF1A0450	THANNEERU MOUNIKA	9
26	20NF1A0451	THUMU BALA BHANU PRAKASH	7
27	20NF1A0452	THUNUGUNTLA GNANAMBIKA	8
28	20NF1A0453	VANTARI SRAVANI	4
29	20NF1A0454	VELPURI SRINIVAS	6
30	20NF1A0456	YANNA PRAVEEN REDDY	9
31	20NF1A0457	YARASANI BHANU VENKATA SAI PRAKASH	7
32	20NF1A0461	AKULA JAYA BABU	1
33	20NF1A0463	ATUKURI LAKSHMI NIKITHA	9
34	20NF1A0465	BUTHUKURI VENKATA GOPALA REDDY	6
35	20NF1A0466	CHALLA CHAITANYA TEJA	5
36	20NF1A0471	GAJULA BABI GANESH	0
37	20NF1A0472	GOLLAPALLI RAVI KIRAN	6
38	20NF1A0473	GUMMA VENKATA NARAYANA	5
39	20NF1A0474	KALAM VENKATA RAMI REDDY	4
40	20NF1A0475	KALLURI CHANDU	6
41	20NF1A0493	PERIPOGULA PRAVEEN KUMAR	9

  
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DEPARTMENT OF CIVIL ENGINEERING

**LIST OF SLOW LEARNERS**

Branch, Year – Sem: CE, IV-I

Regulation: R20


Academic year:2023-24

Name of the Subject: UTP

Name of the faculty: K.Sahithi

Course Code:R204103D

S.No	Register No	Name of the Student	MID
1	20NF1A0104	JELDI DAVID	14
2	20NF1A0105	KADIYAM VAMSI	15
3	21NF5A0116	YAMARTHI JOHN PAUL	15
4	21NF5A0101	BANAVATHU CHINNA HANUMA NAIK	14
5	21NF5A0103	DUDI SIVA DEVA	14
5	21NF5A0106	NELAPATI ABBULU	14
6	21NF5A0107	PENUMOLU BALU	15

  
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**LIST OF ADVANCED LEARNERS**

**Branch, Year – Sem: CE, IV-I**

**Regulation: R20**

**Academic year:2023-2024**

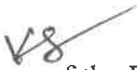
**Name of the Subject: UTP**

**Name of the faculty:K.SAHITHI**


**Course Code- R204103D**

S.No	Register No	Name of the Student	MID
1	20NF1A0101	BEZAWADA DILEEP KUMAR	20
2	20NF1A0102	BORUGADDA ANIL	18
3	20NF1A0103	GALI ASHA	18
4	20NF1A0106	KATARI SAI	19
5	20NF1A0107	KOMMANABOINA GANGAIAH	20
6	20NF1A0108	MUDIMALA PREM KUMAR	20
7	20NF1A0110	PALEM ANUDEEP	20
8	20NF1A0111	REPUDI LOKESH	22
9	20NF1A0112	SHAIK ISMAIL	19
10	20NF1A0113	TALAPANENI RAVALIKA	22
11	20NF1A0114	THUMBETI VENKATA CHANDU	23
12	20NF1A0115	VINNAKOTA MOUNIKA	20

13	21NF5A0102	DEVARAKONDA VAMSIKRISHNA	10
14	21NF5A0104	GUNTUPALLI BHARAT KUMAR	24
15	21NF5A0105	KANDULA DURGA SRAVANI	21
16	21NF5A0108	PULI ASHA SOWJANYA	22
17	21NF5A0109	SHAIK SAMEER	22
18	21NF5A0110	VARAGANI NAGA LAKSHMI	20
19	18NF5A0107	CHADARAJUPALLI MARY KUMARI	

  
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DEPARTMENT OF CIVIL ENGINEERING

**REMIDIAL CLASSES FOR SLOWLEARNERS**

Branch, Year – Sem: CE, IV-I

Regulation: R 20

Academic year: 2023-24

Subject- UTP

Name Of The Faculty: K.SAHITHI

Couse Code- R204103D

DATE	TOPIC COVERED
16-10-23	Explain about Evolution of Planning Process
16-10-23	Explain about Assumptions in Demand Estimation
17-10-23	Explain Aggregate and Disaggregate Techniques.
17-10-23	Explain Organization of surveys and Analysis
18-10-23	Explain Sampling Techniques, Expansion Factors
19-10-23	Explain About Analysis: Zonal Models, Category Analysis,
19-10-23	Explain About Aggregate and Disaggregate Approaches
20-10-23	Explain About Basic Elements of Transport Networks
20-10-23	Explain About Master plans, Selection of Corridor
21-10-23	Explain About Corridor deficiency Analysis
21-10-23	Explain About Impacts of New Development on Transportation Facilities

  
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**REMEDIAL CLASSES ATTENDENCE FOR SLOW LEARNERS**

Branch, Year – Sem: CE, IV-I

Regulation: R20

Academic year:2023-24

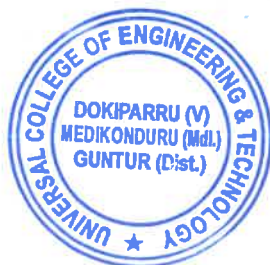
Subject-UTP

Name of the faculty: K.SAHITHI

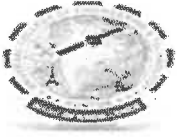
Course Code - R204103D

DAY			MON	TUE	WED	THU	FRI	SAT
DATE			16-10-23	17-10-23	18-10-23	19-10-23	20-10-23	21-10-23
S.No	Register No	Name of the Student						
1	20NF1A0101	BEZAWADA DILEEP KUMAR	P	P	P	A	P	P
2	20NF1A0105	KADIYAM VAMSI	A	P	P	A	P	P
3	20NF1A0108	MUDIMALA PREM KUMAR	P	P	P	P	P	A
4	20NF1A0110	PALEM ANUDEEP	P	P	P	P	P	P
5	20NF1A0112	SHAIK ISMAIL	A	P	P	P	P	P
6	20NF1A0115	VINNAKOTA MOUNIKA	P	A	P	P	P	P
7	21NF5A0101	BANAVATHU CHINNA HANUMA NAIK	A	P	P	P	P	P
8	21NF5A0106	NELAPATI ABBULU	A	P	P	P	P	P
9	21NF1A0107	PENUMOLU BAL	P	P	P	P	P	A

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DEPARTMENT OF CIVIL ENGINEERING

NAME OF THE FACULTY

DESIGNATION: ASSISTANT PROFESSOR.

ACADEMIC YEAR: 2023-24

REGULATION: R20

COURSE: B.Tech

YEAR&SEM: IV &I

### IMPORTANCE QUESTIONS

#### UNIT-I

- 1 a) Describe various urban transportation problems and issues.  
b) Distinguish between cordon lines and screen lines.
2. What is Urbanizations? State the causes of urbanization?
3. Explain problems in the urban transportation in the present scenario?
4. Explain various survey sampling techniques used in data collection process.

#### UNIT-II

1. Explain the classification of transit system with example?
2. Write a note on the following: (a) BRTS, (b) Metro trains.
3. Discuss the characteristics of highway networks.
4. What is trip generation? Describe in details about the trip characteristics?

#### UNIT-III

1. What is zoning? Discuss the points to be kept in the mind while doing zoning
2. Explain the personal trip generation models
3. Define external cordon line. What factors should be given due weightage in the selection of external cordon line?
4. Specify the advantages and disadvantages of growth factor method

#### UNIT-III


1. Define the term trip distribution along with various factors influencing the same. In detail explain the average factor method along with its merits and demerits.
- 2.a. Explain the terms trip generation and trip distribution along with suitable example.
  - b. List out the types of zonal models. Explain any three of them with suitable examples.
- 3.a. What is trip generation? Describe in details about the trip characteristics.
  - b. Explain the gravity models with suitable examples.
- 4.a. What do you mean by trip distribution? Explain various factors influencing the same.
  - b. What is an opportunity model? Explain types of opportunity models.


#### UNIT-IV

1. Explain with neat sketches the 'all-or-nothing assignment technique an capacity restraint technique'. . What are the limitations of each technique?
2. Explain mode split curves and diversion curves with suitable examples.
3. Write short note on route properties and its importance in the urban transportation planning.
4. What are the various applications of traffic assignment?

#### UNIT-V

1. a. Write a case study on selection of corridor and problems associated with it.
  - b. Write a case study on corridor identification and problems associated with it.
2. Write short note on master plan for successful UTPS.
  - b) Write a case study on corridor deficiency Analysis.
3. List out advantages of the new development on the transportation facilities with suitable case study?
4. List out the benefits and importance of travel forecasts to evaluate alternative improvements.

  
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DEPARTMENT OF CIVIL ENGINEERING

**LIST OF SLOW LEARNERS IN COURSE**

Branch, Year – Sem: CE, III-II

Regulation: R20

Academic year:2023-2024

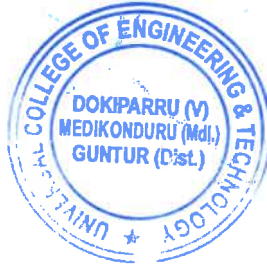
Name of the Subject: WRE

Name of the faculty:K.SAHITHI

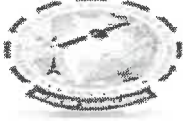
Course Code-R2032012

S.No	Register No	Name of the Student	MID
1	21NF1A0107	PRATHI THARUN	16
2	21NF1A0108	TALLURI RAVI KUMAR	15
3	21NF1A0111	VIPPARLA PRASANTH	14
4	22NF5A0101	PENUMALA KIRAN KUMAR	13
5	22NF5A0104	SHAIK SHAKEER	11

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DEPARTMENT OF CIVIL ENGINEERING

**LIST OF ADVANCED LEARNERS IN COURSE**

**Branch, Year – Sem: CE, III-II**

**Regulation: R20**

**Academic year:2023-2024**

**Name of the Subject-WRE**

**Name of the faculty:K.SAHITHI**

**Course Code- R2032012**

S.No	Register No	Name of the Student	MID
1	21NF1A0101	BHUKYA BABU NAIK	16
2	21NF1A0102	DEGANI SREEDHAR	15
3	21NF1A0103	KOTA ASWINI	14
4	21NF1A0104	KUMBA NAVEEN KUMAR	13
5	21NF1A0105	MEGHAVATH HARISH NAIK	24
6	21NF1A0110	VALLEPU SRINU	22
7	22NF1A0102	SAREDDY LAKSHMIPRASANNA	23
8	22NF1A0103	SHAIK ASHWAK	18

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DEPARTMENT OF CIVIL ENGINEERING

**REMIDIAL CLASSES FOR SLOW LEARNERS**

Branch, Year – Sem: CE, III-II

Regulation: R20

Academic year:2023-2024

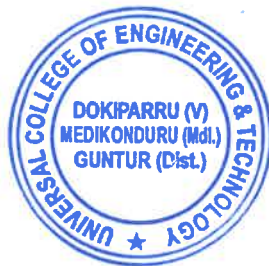
Subject-WRE

Name Of The Faculty:K.SAHITHI

Couse Code- R2032012

DATE	TOPIC COVERED
18-3-24	Explanation On Soil-Water-Plant Relationships
18-3-24	Explanation On Duty –Delta & Factors Affecting Duty & Delta
20-3-24	Determination Of Problems On Duty ,Delta,Base Period
20-3-24	Explanation On Classification & Design Of Non Erodible Canals
21-3-24	Explanation On Types Of Head Works
22-3-24	Explanation On About Hydrological Cycle & Its Importance
22-3-24	Explanation On Intensity –Duration-Frequency Curves
23-3-24	Explanation On About Factors Effecting Evaporation
23-3-24	Explanation On Unit & S Type Hydrographs

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**REMEDIAL CLASSES ATTENDENCE FOR SLOW LEARNERS**

Branch, Year – Sem: CE, III-II

Regulation: R20


Academic year:2023-2024

Subject-WRE

Name of the faculty:K.SAHITHI

Course Code- R2032012

DAY			SAT	MON	TUE	WED	THU
DATE			18-3-24	20-3-24	21-3-24	22-3-24	23-3-24
S.No	Register No	Name of the Student					
1	21NF1A0103	KOTA ASWINI	P	P	P	AB	P
2	21NF1A0107	PRATHI THARUN	P	P	P	P	AB
3	21NF1A0108	TALLURI RAVI KUMAR	AB	P	P	P	P
4	21NF1A0110	VALLEPU SRINU	P	P	P	P	P
5	22NF5A0103	SHAIK SHAKEER	P	P	AB	P	P

  
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DEPARTMENT OF CIVIL ENGINEERING

Branch, Year – Sem: CE, III-II

Regulation: R20

Academic year:2023-2024

Subject-WRE

Name of the faculty:K.SAHITHI

Course Code - R2032012

Name of the Subject: S.A

### IMPORTANT QUESTIONS

#### UNIT-1

1. A) Explain in detail about various factors affecting Duty ?  
B) The base period, intensity of irrigation and duty of water for various crops under the canal system are given. Determine the reservoir capacity if the culturable command area is 4000 hectares, canal losses are 20% and reservoir losses are 10%.

Crop	Base period(days)	Duty at field (Ha/cumec)	Intensity of irrigation
Wheat	120	1800	20%
Sugar cane	360	1600	20%
Cotton	180	1400	15%
Rice	120	800	20%
Vegetable	120	700	20%

2. A) Discuss about various crops and crop seasons in India.  
B) Explain drip irrigation with neat sketch and also mention its advantages over conventional methods.
3. A) Explain with neat sketches various types of irrigation  
B) Discuss about various soil moisture constants
4. A) What is consumptive use and explain various methods to estimate the consumptive use?  
B) Discuss about the causes, effects and remedial measures of water logging

#### UNIT-II

1. a) Explain various types of canals.  
b) Design an unlined irrigation canal to carry a discharge of 1.5 m<sup>3</sup>/sec. assume  $N = 0.0225$ , critical velocity ratio (m) = 1 and B/D = 5.0.

2. a) Explain the design procedure of straight glacis fall.  
b) Design an irrigation canal based on Lacey's theory for the following data:  
Design discharge (Q) = 50 m<sup>3</sup>/sec, Silt factor (f) = 1.0, Side slope= 0.5H: 1V
3. A) Explain the design procedure of straight glacis fall  
B) Design an irrigation canal based on Lacey's theory for the following data:  
Design discharge (Q) = 50 m<sup>3</sup>/sec, Silt factor (f) = 1.0, Side slope= 0.5H: 1V
4. A) Discuss about the design procedure of sarda type fall  
B) Describe various types of cross drainage works and explain selection criteria of each

### UNIT-III

1. Explain about hydrological cycle and its importance
2. Explain about rainfall intensity curves
3. Explain the about measurement of radar rainfall
4. Explain about maximum precipitation and design storm

### UNIT-IV

1. Explain About Factors Affecting Evaporation
2. Explain About Infiltration And What Are The Factors Affecting It
3. Explain About Runoff And Its Factors
4. Explain about PMP curves

### UNIT-V

1. Explain The Components Of Hydrograph
2. Explain About Unit Hydro Graph
3. Explain About Synthetic Unit Hydrograph
4. Explain About Iuh Curves

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DEPARTMENT OF CIVIL ENGINEERING

**LIST OF SLOW LEARNERS IN COURSE**

Branch, Year – Sem: CE, III-I

Regulation: R 20

Academic year: 2023-2024

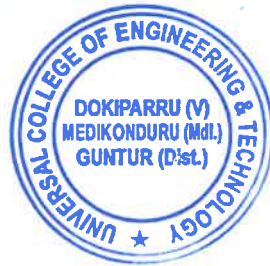
Name of the Subject: S.A

Name of the faculty: T.MURALI

Course Code- R2031011

S.No	Register No	Name of the Student	MID
1	21NF1A0102	DEGANI SREEDHAR	16
2	21NF1A0104	KUMBA NAVEEN KUMAR	15
3	21NF1A0107	PRATHI THARUN	16
4	21NF1A0108	TALLURI RAVI KUMAR	15
5	21NF1A0111	VIPPARLA PRASANTH	15
6	22NF5A0104	SHAIK SHAKEER	16

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DEPARTMENT OF CIVIL ENGINEERING

**LIST OF ADVANCED LEARNERS IN COURSE**

Branch, Year – Sem: CE, III-I

Regulation: R 20


Academic year: 2023-2024

Name of the Subject: S.A


Name of the faculty: T.MURALI

Course Code- R2031011

S.No	Register No	Name of the Student	MID
1	21NF1A0101	BHUKYA BABU NAIK	18
2	21NF1A0103	KOTA ASWINI	18
3	21NF1A0105	MEGHAVATH HARISH NAIK	17
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6	22NF5A0103	SHAIK ASHWAK	18

  
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DEPARTMENT OF CIVIL ENGINEERING

**REMIDIAL CLASSES FOR SLOW LEARNERS**

**Branch, Year – Sem: CEIII-I**

**Regulation: R20**


**Academic year:2023-2024**

**Subject-S.A**

**Name Of The Faculty:T.Murali**

**Couse Code- R2031011**

DATE	TOPIC COVERED
16-10-23	Analysis Of Propped Cantilever Beams
16-10-23	Deflection Of Propped Cantilever Beams
17-10-23	Fixed Beams With U.D Centre Point Load
17-10-23	Slope Deflection Equation Derivation
18-10-23	Analysis Of Portal Frame Single Bay
18-10-23	Moment Distribution Method-Application Of Continuous Beam With And Without Settlement Supports
19-10-23	Determination Of Forces In Plane Pin Jointed Truss (Method Of Sections)
19-10-23	Determination Of Forces In Plane Pin Jointed Truss (Tension Coefficient Method)
20-10-23	Moving Loads And Influence Lines Max S.F & B.M Due To Single Concentred Load
21-10-23	Moving Loads And Influence Lines Max S.F & B.M Two Point Loading
21-10-23	Stiffness & flexibility matrix method

  
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**REMEDIAL CLASSES ATTENDENCE FOR SLOW LEARNERS**

Branch, Year – Sem: CE, III-I

Regulation: R20

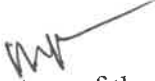
Academic year:2023-2024

Subject-S.A


Name of the faculty:T.MURALI

Course Code- R2031011

DAY			MON	TUE	WED	THU	FRI	SAT
DATE			16-10-23	17-10-23	18-10-23	19-10-23	20-10-23	21-10-23
S.No	Register No	Name of the Student						
1	21NF1A0102	DEGANI SREEDHAR	P	P	P	P	A	P
2	21NF1A0104	KUMBA NAVEEN KUMAR	P	P	P	P	P	A
3	21NF1A0107	PRATHI THARUN	P	P	P	P	P	A
4	21NF1A0108	TALLURI RAVI KUMAR	A	P	P	P	P	P
5	21NF1A0111	VIPPARLA PRASANTH	P	P	A	P	P	P
6	22NF5A0104	SHAIK SHAKEER	P	P	P	P	A	P

  
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DEPARTMENT OF CIVIL ENGINEERING

Branch, Year – Sem: CE, III-I

Regulation: R20

Academic year:2023-2024

Subject-S.A

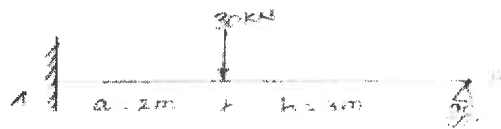
Name of the faculty:T.MURALI

Course Code -- R2031011

### IMPORTANT QUESTION

#### UNIT-I

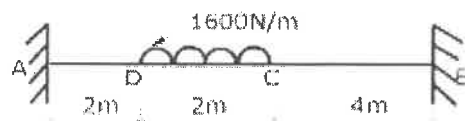
1.a) Estimate the reaction components as is shown in figure for a Propped cantilever beam



b) A propped cantilever beam AB of span L is subjected to a moment M at the prop end B. Determine the moment at fixed end A.

2. a) Calculate the fixed end moments for the fixed beam carrying uniformly distributed load w/m.

b) Find the fixed end moments and plot bending moment diagram



#### UNIT-II

3. A cantilever of length 8m carries a uniformly distributed load of 4kN/m length over the whole length. The free end of the cantilever is supported on a prop. If  $E = 2 \times 10^5 \text{ N/mm}^2$  and  $I = 108 \text{ mm}^4$ , then (i) find the prop reaction (ii) Magnitude and position of maximum deflection.

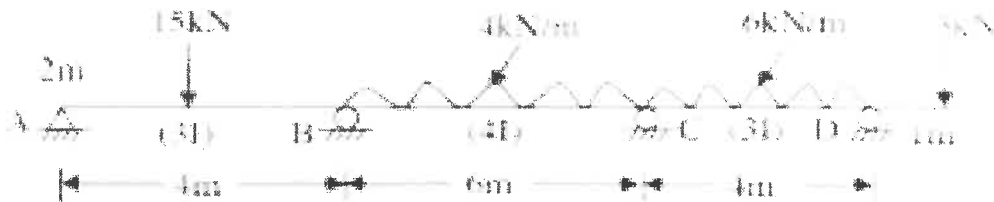
4. Analyse the propped cantilever beam loaded as shown in the Figure 1. Draw the S.F.D and B.M.D. Assume EI constant throughout.



Figure 1

### UNIT-III

1. Determine fixed end moments of a fixed beam of span 4 m. If support at right end sinks by 1 cm due to UDL of 1500 N/m.  $I = 40000 \text{ cm}^4$ ,  $E = 2 \times 10^6 \text{ N/mm}^2$
2. Derive the equation for a fixed beam with ends at different levels.
3. Analyse the beam ABCD shown in figure by Slope-Deflection method and draw bending moment diagram.

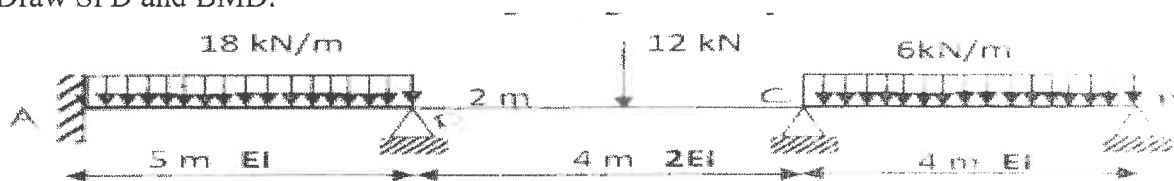


4. Analyze the continuous beam loaded as shown in fig by using the moment distribution method. Draw SFD and BMD.



### UNIT-IV

1. Analyze the continuous beam loaded as shown in fig by using the moment distribution. Draw SFD and BMD.

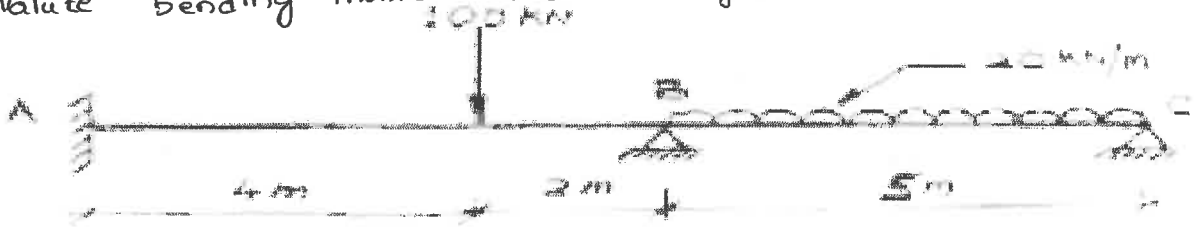


2. Analyze two span continuous beam for only support moments shown below by using the Moment Distribution Method:

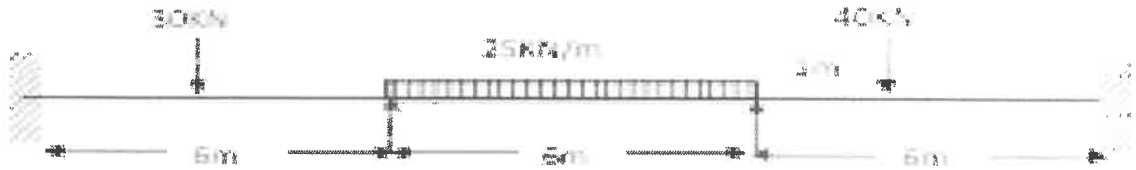


UNIT-V

1. Evaluate bending moment & S.F for given below



2. Evaluate the bending moment and shear force diagrams of beam as shown below by Moment distribution method.



3. Analyze the continuous beam shown in Figure -I by SDM



Figure -I

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Promoted by: The Diocese of Guntur Society, Guntur

**SLOW LEARNERS-AI & ML**

**SUBJECT: DBMS**

**YEAR: II-I**

**A.Y:2023-2024**

S.NO	REG.NO	NAME	MARKS
1	22NF1A6102	ATHUKURI MURALI KRISHNA	12
2	22NF1A6106	BHUMIREDDY KARTHIK REDDY	11
3	22NF1A6107	BOGGAVARAPU CHANDRA SOWGANDH	10
4	22NF1A6111	EPURU SUNDARA RAO	11
5	22NF1A6112	GOTTAM SUDHARSHAN REDDY	11
6	22NF1A6116	KOVURI TRINESH	11
7	22NF1A6118	KURAGANTI CHAITANYA	12
8	22NF1A6120	MADALA VENKATA AJAY KUMAR	12
9	22NF1A6121	MADINENI BALA VARDHINI	10
10	22NF1A6123	MANJIMA K S	0
11	22NF1A6124	MILI MARIYA	0
12	22NF1A6125	NANDYALA SIVASAI RAJASEKHAR REDDY	0
13	22NF1A6130	PATHAN AYAZ KHAN	10
14	22NF1A6131	PATIBANDLA ROSAF LEEMA	0
15	22NF1A6134	SAREDDY UMAMAHESWARAREDDY	12
16	22NF1A6135	SHAIK GOUSUDDIN	0
17	23NF5A6101	VEMULA MAHESH	12

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(Approved by AICTE, New Delhi & Affiliated to JNTU K, Kakinada)

Promoted by: The Diocese of Guntur Society, Guntur

**ADVANCED LEARNERS-AI & ML**

**SUBJECT:DBMS**

**YEAR:II-I**

**A.Y:2023-2024**

S.NO	REG.NO	NAME	MARKS
1	22NF1A6103	ATLA ABHISHEK MANI KUMAR	13
2	22NF1A6104	BEJAWADA GURUKALYAN RAO	13
3	22NF1A6105	BHASKARUNI LALITHA SUJALA	14
4	22NF1A6108	CHIMATA LAKSHMI NARENDRA	14
5	22NF1A6109	DEGALA YOGA VANI SRI	14
6	22NF1A6110	D KUNDHANIKA MOHANA KUSHI	14
7	22NF1A6113	GOWREDDY LIKHITHA	14
8	22NF1A6114	INAMPUDI SASANK	14
9	22NF1A6115	KOTHAPALLI JYOTHI	13
10	22NF1A6117	KUNALA LOKESH	14
11	22NF1A6119	LINGAMALLU RITESH	14
12	22NF1A6122	MANAM LAKSHMI PRASANNA	14
13	22NF1A6126	NIMMALA PRIYANKA	14
14	22NF1A6127	PACHIPALA VENKATESWARA REDDY	13
15	22NF1A6128	PAKANATI MAHALAKSHMI	14
16	22NF1A6129	PAMURU SUDHEER	14
17	22NF1A6132	POLSETTI VENKATA BALAJI	14
18	22NF1A6133	P VENKATA SAI PAVAN KUMAR REDDY	14
19	22NF1A6136	SHAIK IMRAN	14
20	22NF1A6137	SHAIK MOHAMMAD ASIF	14
21	22NF1A6138	SIDDA SUMALATHA	14
22	22NF1A6139	SIRIGIRI AKASH	14
23	22NF1A6140	SUGGUNA POORNA CHANDRA RAO	13
24	22NF1A6141	T VENKATA NAGA RAJA VIJAYENDRA	13
25	22NF1A6142	VENNA SUBBULU	14

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*H. V. S.*  
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Promoted by: The Diocese of Guntur Society, Guntur

**DEPARTMENT OF AI & ML**

REGULATION: R20      YEAR:II-I      A.Y:2023-2024

SUBJECT/LABORATORY NAME:DBMS

**REMEDIAL CLASSES TO SLOW LEARNERS**

S.NO	DATE	TOPIC COVERED
1	1.5.2023	Explain about the Database system,
2	2.5.2023	Explain about the Database system structure
3	3.5.2023	Explain about the Simple Database schema
4	4.5.2023	Explain about the generalization using ER Diagrams
5	5.5.2023	Explain about the concept of functional dependency
6	6.5.2023	Explain about the Fourth normal form(4NF)

  
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Promoted by: The Diocese of Guntur Society, Guntur

## REMEDIAL CLASSES TO SLOW LEARNERS ATTENDANCE

REGULATION: R20

YEAR: II-I

A.Y:2023-2024

### SUBJECT NAME:DBMS

S.NO	REG.NO	STUDENT NAME	1.5.2023	2.5.2023	3.5.2023	4.5.2023	5.5.2023	6.5.2023
1	22NF1A6102	ATHUKURI MURALI KRISHNA	P	P	P	P	A	P
2	22NF1A6106	BHUMIREDDY KARTHIK REDDY	P	P	P	A	P	P
3	22NF1A6107	B CHANDRA SOWGANDH	P	P	P	P	P	P
4	22NF1A6111	EPURU SUNDARA RAO	P	P	P	P	P	P
5	22NF1A6112	GOTTAM SUDHARSHAN REDDY	P	P	A	P	P	P
6	22NF1A6116	KOVURI TRINESH	P	P	P	P	P	A
7	22NF1A6118	KURAGANTI CHAITANYA	P	P	A	P	P	P
8	22NF1A6120	M VENKATA AJAY KUMAR	P	P	P	P	P	P
9	22NF1A6121	MADINENI BALA VARDHINI	P	P	P	A	P	P
10	22NF1A6123	MANJIMA K S	P	A	P	P	P	P
11	22NF1A6124	MILI MARIYA	P	P	A	P	P	P
12	22NF1A6125	N SIVASAI RAJASEKHAR REDDY	P	P	P	A	P	P
13	22NF1A6130	PATHAN AYAZ KHAN	P	A	P	P	P	P
14	22NF1A6131	PATIBANDLA ROSAF LEEMA	P	P	P	P	A	P
15	22NF1A6134	S UMAMAHESWARAREDDY	P	P	A	P	P	P
16	22NF1A6135	SHAIK GOUSUDDIN	P	P	A	P	P	P
17	23NF5A6101	VEMULA MAHESH	P	P	P	A	P	P

*Brahmachari*  
Signature of the Faculty

*Deven*  
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# UNIVERSAL COLLEGE OF ENGINEERING & TECHNOLOGY

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Promoted by: The Diocese of Guntur Society, Guntur

## IMPORTANT QUESTIONS FOR SLOW LEARNERS

REGULATION: R20

YEAR: II-I

A.Y:2023-2024

DEPARTMENT OF AI & ML

SUBJECT/LABORATORY NAME:

### UNIT-1

- 1 Explain about the Database system,
- 2 Explain about the Advantages of Database systems
- 3 Explain about the introduction of different Data Models
- 4 Explain about the Database system structure

### UNIT-2

- 1 Explain about the Introduction to relational model
- 2 Explain about the Simple Database schema
- 3 Explain about the basic SQL querying
- 4 Explain about the SQL functions

### UNIT-3

- 1 Explain about the Representation of entities
- 2 Explain about the super class, inheritance
- 3 Explain about the generalization using ER Diagrams
- 4 Explain about the implementation of different types of joins

### UNIT-4

- 1 Explain about the Purpose of Normalization
- 2 Explain about the concept of functional dependency
- 3 Explain about the Boyce-codd normal form
- 4 Explain about the Fourth normal form(4NF)

### UNIT-5

- 1 Explain about the Transaction State
- 2 Explain about the Implementation of Atomicity and Durability
- 3 Explain about the B+ Trees: Search, Insert, Delete algorithms
- 4 Explain about the Index data Structures

*Brahmabharathi*  
Signature of the Faculty

*Principals*  
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*BT*  
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Dokiparru(V), Medikonduru(M), Guntur-522438, AP



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GUNTUR (Dist.)-522 438.



UNIVERSAL COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AIC II, New Delhi & Affiliated to JNTUK, Kakinada)

Promoted by: The Diocese of Guntur Society, Guntur

**SLOW LEARNERS-AI & ML**

SUBJECT:DW&M		YEAR:II-II	A.Y:2023-2024
S.NO	REG.NO	NAME	MARKS
1	22NF1A6102	ATHUKURI MURALI KRISHNA	12
2	22NF1A6103	ATLA ABHISHEK MANI KUMAR	8
3	22NF1A6106	BHUMIREDDY KARTHIK REDDY	7
4	22NF1A6107	BOGGAVARAPU CHANDRA SOWGANDH	7
5	22NF1A6110	DURGAMAHANTHY KUNDHANIKA MOHANA KUSHI	11
6	22NF1A6111	EPURU SUNDARA RAO	9
7	22NF1A6112	GOTTAM SUDHARSHAN REDDY	10
8	22NF1A6116	KOVURI TRINESH	10
9	22NF1A6117	KUNALA LOKESH	9
10	22NF1A6118	KURAGANTI CHAITANYA	7
11	22NF1A6120	MADALA VENKATA AJAY KUMAR	10
12	22NF1A6121	MADINENI BALA VARDHINI	12
13	22NF1A6125	NANDYALA SIVASAI RAJASEKHAR REDDY	6
14	22NF1A6126	NIMMALA PRIYANKA	10
15	22NF1A6130	PATHAN AYAZ KHAN	7
16	22NF1A6131	PATIBANDLA ROSAF LEEMA	8
17	22NF1A6135	SHAIK GOUSUDDIN	0
18	22NF1A6139	SIRIGIRI AKASH	12
19	23NF5A6101	VEMULA MAHESH	12

*O. Aruna*  
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**ADVANCED LEARNERS-AI & ML**

**SUBJECT:DW&M-R20**

**YEAR:II-II**

**A.Y:2023-2024**

S.NO	REG.NO	NAME	MARKS
1	22NF1A6104	BEJAWADA GURUKALYAN RAO	14
2	22NF1A6105	BHASKARUNI LALITHA SUJALA	13
3	22NF1A6108	CHIMATA LAKSHMI NARENDRA	15
4	22NF1A6109	DEGALA YOGA VANI SRI	14
5	22NF1A6113	GOWREDDY LIKHITHA	15
6	22NF1A6114	INAMPUDI SASANK	15
7	22NF1A6115	KOTHAPALLI JYOTHI	13
8	22NF1A6119	LINGAMALLU RITESH	15
9	22NF1A6122	MANAM LAKSHMI PRASANNA	15
10	22NF1A6123	MANJIMA K S	15
11	22NF1A6124	MILI MARIYA	15
12	22NF1A6127	PACHIPALA VENKATESWARA REDDY	15
13	22NF1A6128	PAKANATI MAHALAKSHMI	15
14	22NF1A6129	PAMURU SUDHEER	15
15	22NF1A6132	POLISETTI VENKATA BALAJI	15
16	22NF1A6133	POTLAPALLI VENKATA SAI PAVAN KUMAR REDDY	15
17	22NF1A6134	SAREDDY UMAMAHESWARAREDDY	13
18	22NF1A6136	SHAIK IMRAN	14
19	22NF1A6137	SHAIK MOHAMMAD ASIF	15
20	22NF1A6138	SIDDA SUMALATHA	13
21	22NF1A6140	SUGGUNA POORNA CHANDRA RAO	14
22	22NF1A6141	TADANKI VENKATA NAGA RAJA VIJAYENDRA	15
23	22NF1A6142	VENNA SUBBULU	14

  
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DEPARTMENT OF AI & ML

REGULATION :R20 YEAR:II-II A.Y:2023-2024

SUBJECT/LABORATORY NAME: DW& M

REMEDIAL CLASSES TO SLOW LEARNERS

S.NO	DATE	TOPIC COVERED
1	11/12/2023	Explain about Data Warehouse Implementation
2	12/12/2023	Explain about Aggregation, Sampling, Dimensionality Reduction
3	13/12/2023	Explain about General Approach to solving a classification problem
4	14/12/2023	Explain about Frequent Item Set Generation
5	15/12/2023	Explain about What Is Cluster Analysis
6	16/12/2023	Explain about Agglomerative Hierarchical Clustering Algorithm DBSCAN

*O. Aruna*

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REMEDIAL CLASSES TO SLOW LEARNERS ATTENDANCE-AI & ML

REGULATION: R20

YEAR: II-II

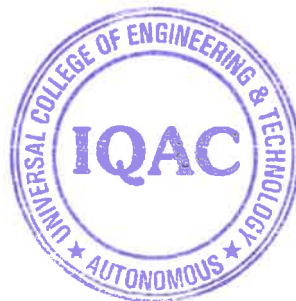
A.Y:2023-2024

SUBJECT/LABORATORY NAME: DW&M

S.NO	REG.NO	STUDENT NAME	11.12.2023	12.12.2023	13.12.2023	14.12.2023	15.12.2023	16.12.2023
1	22NF1A6102	ATHUKURI MURALI KRISHNA	P	P	P	P	P	P
2	22NF1A6103	A ABHISHEK MANI KUMAR	P	P	P	P	P	P
3	22NF1A6106	B KARTHIK REDDY	P	P	P	P	P	P
4	22NF1A6107	B CHANDRA SOWGANDH	P	P	P	P	P	P
5	22NF1A6110	D K MOHANA KUSHI	P	P	P	P	P	P
6	22NF1A6111	EPURU SUNDARA RAO	P	P	P	P	P	P
7	22NF1A6112	G SUDHARSHAN REDDY	P	P	P	P	P	P
8	22NF1A6116	KOVURI TRINESH	P	P	P	P	P	P
9	22NF1A6117	KUNALA LOKESH	P	P	P	P	P	P
10	22NF1A6118	KURAGANTI CHAITANYA	P	P	P	P	P	P
11	22NF1A6120	M VENKATA AJAY KUMAR	P	P	P	P	P	P
12	22NF1A6121	MADINENI BALA VARDHINI	P	P	P	P	P	P
13	22NF1A6125	N RAJASEKHAR REDDY	P	P	P	P	P	P
14	22NF1A6126	NIMMALA PRIYANKA	P	P	P	P	P	P
15	22NF1A6130	PATHAN AYAZ KHAN	P	P	P	P	P	P
16	22NF1A6131	PATIBANDLA ROSAF LEEMA	P	P	P	P	P	P
17	22NF1A6135	SHAIK GOUSUDDIN	P	P	P	P	P	P
18	22NF1A6139	SIRIGIRI AKASH	P	P	P	P	P	P
19	23NF5A6101	VEMULA MAHESH	P	P	P	P	P	P

  
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**IMPORTANT QUESTIONS FOR SLOW LEARNERS**

REGULATION: R20

YEAR: II-II

A.Y:2023-2024

DEPARTMENT OF AI & ML

SUBJECT/LABORATORY NAME: DW&M

**UNIT-1**

- 1 Explain about A Multidimensional Data Model,
- 2 Explain about Data Warehouse Architecture
- 3 Explain about Data Warehouse Implementation
- 4 Explain about OLAP Technology

**UNIT-2**

- 1 Explain about What is Data Mining
- 2 Explain about The origins of Data Mining
- 3 Explain about Aggregation, Sampling, Dimensionality Reduction
- 4 Explain about Measures of Similarity and Dissimilarity.

**UNIT-3**

- 1 Explain about General Approach to solving a classification problem
- 2 Explain about Decision Tree Induction: Working of Decision Tree
- 3 Explain about measures for selecting the best split
- 4 Explain about Algorithm for decision tree induction

**UNIT-4**

- 1 Explain about Frequent Item Set Generation
- 2 Explain about Apriori Principle
- 3 Explain about Apriori Algorithm,
- 4 Explain about Rule Generation

**UNIT-5**

- 1 Explain about What Is Cluster Analysis
- 2 Explain about Different Types of Clusters
- 3 Explain about Bisecting K-means
- 4 Explain about Agglomerative Hierarchical Clustering Algorithm DBSCAN

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Signature of the Faculty

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**SLOW LEARNERS**

**SUBJECT: SOFTWARE ENGINEERING**

**Year: III-I .Y: 2023-2024**

S.NO	REG.NO	NAME	MARKS
1	21NF1A6101	AALA VENKATASUBBARAO	10
2	21NF1A6102	ADURI NIKLESH REDDY	0
3	21NF1A6103	ARDALA GOPI KRISHNA	12
4	21NF1A6107	BODAPATI SANTHI	12
5	21NF1A6108	B.VEERANJANEYULU	8
6	21NF1A6110	CHAVALI SATHWIK RAJU	10
7	21NF1A6111	CHINNABATHUNI PRASANTH	8
8	21NF1A6113	DAMA PAVAN SAI	12
9	21NF1A6114	DANDIGAM MALLIKARJUNA REDDY	0
10	21NF1A6115	DASARI SIVAKOTESWARARAO	11
11	21NF1A6116	DEGALA SURESH	5
12	21NF1A6119	DONTHIREDDY SACHIN REDDY	11
13	21NF1A6120	EVURI AYYAPPA REDDY	12
14	21NF1A6122	JAKKIREDDY MALLIKARJUNA REDDY	0
15	21NF1A6123	JOGI LEELA SANDEEP	4
16	21NF1A6129	KONDAPALLI NARAYANA RAO	12
17	21NF1A6130	KURUGUNTLA KODANDA RAMI REDDY	10
18	21NF1A6132	LINGAM SRINIVASA RAO	10
19	21NF1A6135	MANDIREDDY MAHENDRA REDDY	10
20	21NF1A6136	MANNAVA BRAHMENDRA	12
21	21NF1A6137	MANTI PUSHPA RAJU	12
22	21NF1A6139	NAKKA RAJESH	11
23	21NF1A6140	NARISSETTI BALA RAKESH	6
24	21NF1A6143	PARELLA BHUVANESVAR	7
25	21NF1A6145	PASUPULETI VENKATA SUBHASH	12
26	21NF1A6146	PITTALA VENKAT SIVARAM	12
27	21NF1A6150	SHAIK MASTAN VALI	10
28	21NF1A6151	SURARAPU SRINIVASA REDDY	12
29	21NF1A6152	SWARNA NAGA DURGA	10
30	21NF1A6154	SYED KHADAR VALI	11
31	21NF1A6156	THUMMA SRIMANTH MURTHY	10
32	21NF1A6159	VELUTHURLA JAYASRI	12
33	21NF1A6160	YELUGUREDDY RAJASEKHAR REDDY	10
34	21NF1A6161	YENIREDDY NIKITHA	12
35	21NF1A6163	MEKALA KIRAN PAUL	8
36	21NF1A6164	NEMALIKANTI ANAND	11
37	21NF1A6165	KOTIKALA SALMON RAJU	12
38	21NF1A6166	NARUKULLAPATI PAVANI	9
39	22NF5A6101	SHAIK NAGULMEERA	12

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Promoted by: The Diocese of Guntur Society, Guntur

DEPARTMENT OF AI & ML

ADVANCED LEARNERS-AI & ML

SUBJECT:SOFTWARE ENGINEERING		Year:III-I	A.Y:2023-2024
S.NO	REG.NO	NAME	MARKS
1	21NF1A6104	BANDI JYOTHIRMAI	13
2	21NF1A6105	BATTURI SIVA SANKAR	14
3	21NF1A6106	BHARGAV NAIK BUKKE	13
4	21NF1A6109	CHANDRA KAVYA	14
5	21NF1A6112	CHUKKA RAMYA	14
6	21NF1A6117	DODDA LAKSHMI SRAVANTHI	14
7	21NF1A6118	D CHARISHMA REDDY	13
8	21NF1A6121	GUGGILAM TRIVENI	13
9	21NF1A6124	KALLA DIVYA	14
10	21NF1A6125	KALLI KAVITHA	15
11	21NF1A6126	KEESARA AKHILA	14
12	21NF1A6127	KOLLI VYSHNAVI	14
13	21NF1A6128	KOMMAREDDY SIVAKEERTHANA	14
14	21NF1A6131	LELLA NAVYA	15
15	21NF1A6133	MANCHI HARIKA	14
16	21NF1A6134	MANCHI SAMBASIVA	14
17	21NF1A6138	MATHANGI BHAVANA	14
18	21NF1A6141	NEVALI VENKATA GOPI REDDY	13
19	21NF1A6142	PAKANATI ABHINAYA	15
20	21NF1A6147	RAMAVATH JASWANTH NAIK	13
21	21NF1A6148	RAMIREDDY ARUNDATHI	15
22	21NF1A6149	SHAIK ATHUSHA	14
23	21NF1A6153	SYAMALA SRIKANTH REDDY	13
24	21NF1A6155	TADAVARTHI NAVEEN	14
25	21NF1A6157	VALLURI MANISHA	14
26	21NF1A6158	VARIKALLU PAVANI	14

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**REMEDIAL CLASSES TO SLOW LEARNERS ATTENDANCE**

**REGULATION:R20**

**YEAR:III-I**

**A.Y:2023-2024**

**SUBJECT NAME:SOFTWARE ENGINEERING**

S.NO	REG.NO	STUDENT NAME	1.5.2023	2.5.2023	3.5.2023	4.5.2023	5.5.2023	6.5.2023
1	21NF1A610	AALA VENKATASUBBARAO	P	P	P	A	P	P
2	21NF1A610	ADURI NIKLESH REDDY	P	A	P	P	P	P
3	21NF1A610	ARDALA GOPI KRISHNA	P	P	P	A	P	P
4	21NF1A610	BODAPATI SANTHI	P	P	P	P	A	P
5	21NF1A610	B.VEERANJANEYULU	P	A	P	P	P	P
6	21NF1A611	CHAVALI SATHWIK RAJU	P	P	P	P	P	P
7	21NF1A611	CHINNABATHUNI PRASANTH	P	P	P	A	P	P
8	21NF1A611	DAMA PAVAN SAI	P	A	P	P	P	P
9	21NF1A611	D MALLIKARJUNA REDDY	P	P	P	P	P	P
10	21NF1A611	DASARI SIVAKOTESWARARAO	P	P	A	P	P	P
11	21NF1A611	DEGALA SURESH	P	P	P	P	P	P
12	21NF1A611	DONTHIREDDY SACHIN REDDY	P	P	P	P	P	P
13	21NF1A612	EVURI AYYAPPA REDDY	P	P	A	P	P	P
14	21NF1A612	J MALLIKARJUNA REDDY	P	P	P	P	P	P
15	21NF1A612	JOGI LEELA SANDEEP	P	P	A	A	P	P
16	21NF1A612	KONDAPALLI NARAYANA RAO	P	P	P	P	P	P
17	21NF1A613	K KODANDA RAMI REDDY	P	A	P	P	P	P
18	21NF1A613	LINGAM SRINIVASA RAO	P	A	P	P	P	A
19	21NF1A613	M MAHENDRA REDDY	P	P	P	P	P	P
20	21NF1A613	MANNAVA BRAHMENDRA	P	P	P	P	P	P
21	21NF1A613	MANTI PUSHPA RAJU	P	P	P	P	A	P
22	21NF1A613	NAKKA RAJESH	P	P	P	P	P	P
23	21NF1A614	NARISSETTI BALA RAKESH	P	P	A	P	P	P
24	21NF1A614	PARELLA BHUVANESVAR	A	P	P	P	P	P
25	21NF1A614	PASUPULETI VENKATA SUBHASH	P	P	P	P	P	P
26	21NF1A614	PITTALA VENKAT SIVARAM	P	P	A	A	P	P
27	21NF1A615	SHAIK MASTAN VALI	P	P	P	P	P	P
28	21NF1A615	SURARAPU SRINIVASA REDDY	P	A	P	P	A	P
29	21NF1A615	SWARNA NAGA DURGA	P	P	P	P	P	P
30	21NF1A615	SYED KHADAR VALI	P	P	P	P	P	P
31	21NF1A615	THUMMA SRIMANTH MURTHY	P	P	P	P	P	P
32	21NF1A615	VELUTHURLA JAYASRI	P	P	P	P	P	P
33	21NF1A616	Y RAJASEKHAR REDDY	P	P	P	P	P	P
34	21NF1A616	YENIREDDY NIKITHA	P	P	P	P	P	P
35	21NF1A616	MEKALA KIRAN PAUL	P	P	P	A	P	P
36	21NF1A616	NEMALIKANTI ANAND	P	P	P	P	P	P
37	21NF1A616	KOTIKALA SALMON RAJU	P	P	A	P	P	P
38	21NF1A616	NARUKULLAPATI PAVANI	P	P	P	P	P	P
39	22NF5A610	SHAIK NAGULMEERA	P	P	A	P	A	P

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Promoted by: The Diocese of Guntur Society, Guntur

**DEPARTMENT OF AI & ML**

REGULATION: R20

III-I

A.Y: 2023-2024

SUBJECT/LABORATORY NAME: SOFTWARE ENGINEERING

**REMEDIAL CLASSES TO SLOW LEARNERS**

S.NO	DATE	TOPIC COVERED
1	1.5.2023	Discuss about the unique nature of webapps
2	2.5.2023	Explain Agile Process
3	3.5.2023	Explain Patterns for requirements modelling
4	4.5.2023	Explain Design with in the context of software engineering
5	5.5.2023	Explain the golden rules
6	6.5.2023	Explain a stragetig approach to software testing

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**IMPORTANT QUESTIONS FOR SLOW LEARNERS**

REGULATION: R20

YEAR: III-I

A.Y:2023-2024

**DEPARTMENT OF AI & ML**

**SUBJECT/LABORATORY NAME:SOFTWARE ENGINEERING**

**UNIT-1**

- 1 Discuss about the unique nature of webapps
- 2 Discuss about software myths
- 3 Explain unified process
- 4 Explain software engineering practice

**UNIT-2**

- 1 Explain Agile Process
- 2 Explain Extreme Programming
- 3 Discuss about Eliciting Requirements
- 4 Discuss Developing Use Cases

**UNIT-3**

- 1 Explain Requirements Analysis
- 2 Explain class based modeling
- 3 Explain Patterns for requirements modelling
- 4 Explain Requirements modelling for Webapps

**UNIT-4**

- 1 Explain Design with in the context of software engineering
- 2 Discuss the design process
- 3 Discuss design concepts
- 4 Design software architecture

**UNIT-5**

- 1 Explain the golden rules
- 2 Discuss webapp interface design
- 3 Explain elements of software quality assurance
- 4 Explain a strategic approach to software testing

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**SLOW LEARNERS**

**Subject: Software project management Year:III -II A.Y:2023-2024**

S.NO	REG.NO	NAME	MARKS
1	21NF1A6101	AALA VENKATASUBBARAO	10
2	21NF1A6102	ADURI NIKLESH REDDY	0
3	21NF1A6107	BODAPATI SANTHI	12
4	21NF1A6110	CHAVALI SATHWIK RAJU	10
5	21NF1A6114	DANDIGAM MALLIKARJUNA REDDY	0
6	21NF1A6116	DEGALA SURESH	5
7	21NF1A6119	DONTHIREDDY SACHIN REDDY	11
8	21NF1A6122	JAKKIREDDY MALLIKARJUNA REDDY	0
9	21NF1A6123	JOGI LEELA SANDEEP	4
10	21NF1A6126	KEESARA AKHILA	14
11	21NF1A6128	KOMMAREDDY SIVAKEERTHANA	14
12	21NF1A6132	LINGAM SRINIVASA RAO	10
13	21NF1A6134	MANCHI SAMBASIVA	14
14	21NF1A6135	MANDIREDDY MAHENDRA REDDY	10
15	21NF1A6137	MANTI PUSHPA RAJU	12
16	21NF1A6138	MATHANGI BHAVANA	14
17	21NF1A6139	NAKKA RAJESH	11
18	21NF1A6143	PARELLA BHUVANESVAR	7
19	21NF1A6145	PASUPULETI VENKATA SUBHASH	12
20	21NF1A6146	PITTALA VENKAT SIVARAM	12
21	21NF1A6150	SHAIK MASTAN VALI	10
22	21NF1A6151	SURARAPU SRINIVASA REDDY	12
23	21NF1A6152	SWARNA NAGA DURGA	10
24	21NF1A6153	SYAMALA SRIKANTH REDDY	13
25	21NF1A6154	SYED KHADAR VALI	11
26	21NF1A6156	THUMMA SRIMANTH MURTHY	10
27	21NF1A6157	VALLURI MANISHA	14
28	21NF1A6160	YELUGUREDDY RAJASEKHAR REDDY	10
29	21NF1A6163	MEKALA KIRAN PAUL	8
30	21NF1A6164	NEMALIKANTI ANAND	11
31	21NF1A6165	KOTIKALA SALMON RAJU	12
32	22NF5A6101	SHAIK NAGULMEERA	12

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UNIVERSAL COLLEGE OF ENGINEERING & TECHNOLOGY

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Promoted by: The Diocese of Guntur Society, Guntur

**DEPARTMENT OF AI & ML  
ADVANCED LEARNERS**

Subject: Software project management		Year: III -II	A.Y:2023-2024
S.NO	REG.NO	NAME	MARKS
1	21NF1A6103	ARDALA GOPI KRISHNA	12
2	21NF1A6104	BANDI JYOTHIRMAI	13
3	21NF1A6105	BATTURI SIVA SANKAR	14
4	21NF1A6106	BHARGAV NAIK BUKKE	13
5	21NF1A6109	CHANDRA KAVYA	14
6	21NF1A6111	CHINNABATHUNI PRASANTH	12
7	21NF1A6112	CHUKKA RAMYA	14
8	21NF1A6113	DAMA PAVAN SAI	12
9	21NF1A6115	DASARI SIVAKOTESWARARAO	11
10	21NF1A6117	DODDA LAKSHMI SRAVANTHI	14
11	21NF1A6118	DONTHI REDDY CHARISHMA REDDY	13
12	21NF1A6120	EVURI AYYAPPA REDDY	12
13	21NF1A6121	GUGGILAM TRIVENI	13
14	21NF1A6124	KALLA DIVYA	14
15	21NF1A6125	KALLI KAVITHA	15
16	21NF1A6127	KOLLI VYSHNAVI	14
17	21NF1A6129	KONDAPALLI NARAYANA RAO	12
18	21NF1A6130	KURUGUNTLA KODANDA RAMI REDDY	10
19	21NF1A6131	LELLA NAVYA	15
20	21NF1A6133	MANCHI HARIKA	14
21	21NF1A6136	MANNAVA BRAHMENDRA	12
22	21NF1A6140	NARISSETTI BALA RAKESH	12
23	21NF1A6141	NEVALI VENKATA GOPI REDDY	13
24	21NF1A6142	PAKANATI ABHINAYA	15
25	21NF1A6147	RAMAVATH JASWANTH NAIK	13
26	21NF1A6148	RAMIREDDY ARUNDATHI	15
27	21NF1A6149	SHAIK ATHUSHA	14
28	21NF1A6155	TADAVARTHI NAVEEN	14
29	21NF1A6158	VARIKALLU PAVANI	14
30	21NF1A6159	VELUTHURLA JAYASRI	12
31	21NF1A6161	YENIREDDY NIKITHA	12
32	21NF1A6166	NARUKULLAPATI PAVANI	12

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**DEPARTMENT OF AI & ML**

REGULATION:R20

YEAR:III-II

A.Y:2023-2024

**SUBJECT NAME: SOFTWARE PROJECT MANAGEMENT**

**REMEDIAL CLASSES TO SLOW LEARNERS**

S.NO	DATE	TOPIC COVERED
1	1/5/2023	Evolution and Improving of Software Economics
2	2/5/2023	Life cycle phases
3	3/5/2023	Checkpoints of the process
4	4/5/2023	Project Organizations and Responsibilities
5	5/5/2023	Project Control and Process instrumentation
6	6/5/2023	Fundamentals of DevOps

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DEPARTMENT OF AI & ML

IMPORTANT QUESTIONS FOR SLOW LEARNERS

REGULATION: R20

YEAR: III-II

A.Y:2023-2024

SUBJECT NAME: SOFTWARE PROJECT MANAGEMENT

UNIT-1

- 1 Explain about the water fall model
- 2 Explain about software economics
- 3 Explain about improving software processes
- 4 Explain about the principles of conventional software

UNIT-2

- 1 Explain about engineering and production stages
- 2 Explain about life cycle phases
- 3 Explain about artifact sets
- 4 Explain about management artifacts

UNIT-3

- 1 Explain about management perspective and technique perspective
- 2 Explain about software process workflows
- 3 Explain about checkpoints of the process
- 4 Explain about work breakdown structures

UNIT-4

- 1 Explain about line of business organizations
- 2 Explain about automation building blocks
- 3 Explain about the seven core metrics
- 4 Explain about pragmatic software metrics

UNIT-5

- 1 Explain about agile methodology
- 2 Explain about need and instance of applications
- 3 Explain about Devops and delivery pipeline
- 4 Explain about tool stack implementation

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**DEPARTMENT OF AI & ML****REMEDIAL CLASSES TO SLOW LEARNERS ATTENDANCE**

REGULATION: R20

YEAR: III-II

A.Y:2023-2024

**SUBJECT NAME: SOFTWARE PROJECT MANAGEMENT**

S.NO	REG.NO	STUDENT NAME	1/5/2023	2/5/2023	3/5/2023	4/5/2023	5/5/2023	6/5/2023
1	21NF1A6101	AALA VENKATASUBBARAO	P	P	P	P	A	P
2	21NF1A6102	ADURI NIKLESH REDDY	A	P	P	P	P	P
3	21NF1A6107	BODAPATI SANTHI	P	P	A	P	P	P
4	21NF1A6110	CHAVALI SATHWIK RAJU	P	P	P	A	P	P
5	21NF1A6114	DANDIGAM MALLIKARJUNA REDDY	P	P	P	A	P	P
6	21NF1A6116	DEGALA SURESH	P	P	A	P	P	P
7	21NF1A6119	DONTHIREDDY SACHIN REDDY	A	P	P	P	P	P
8	21NF1A6122	JAKKIREDDY MALLIKARJUNA REDDY	P	P	A	P	P	P
9	21NF1A6123	JOGI LEELA SANDEEP	A	P	P	P	P	P
10	21NF1A6126	KEESARA AKHILA	P	P	A	P	P	P
11	21NF1A6128	KOMMAREDDY SIVAKEERTHANA	P	A	P	P	P	P
12	21NF1A6132	LINGAM SRINIVASA RAO	P	A	P	P	P	P
13	21NF1A6134	MANCHI SAMBASIVA	P	A	P	P	P	P
14	21NF1A6135	MANDIREDDY MAHENDRA REDDY	P	P	A	A	P	P
15	21NF1A6137	MANTI PUSHPA RAJU	P	P	P	A	P	P
16	21NF1A6138	MATHANGI BHAVANA	P	P	P	A	P	P
17	21NF1A6139	NAKKA RAJESH	P	P	P	P	P	A
18	21NF1A6143	PARELLA BHUVANESVAR	P	P	P	A	P	P
19	21NF1A6145	PASUPULETI VENKATA SUBHASH	P	P	P	A	P	P
20	21NF1A6146	PITTALA VENKAT SIVARAM	P	P	P	P	A	P
21	21NF1A6150	SHAIK MASTAN VALI	P	P	P	P	P	A
22	21NF1A6151	SURARAPU SRINIVASA REDDY	A	P	P	P	P	P
23	21NF1A6152	SWARNA NAGA DURGA	P	P	P	A	P	P
24	21NF1A6153	SYAMALA SRIKANTH REDDY	P	P	P	P	P	A
25	21NF1A6154	SYED KHADAR VALI	P	P	P	P	P	A
26	21NF1A6156	THUMMA SRIMANTH MURTHY	P	P	P	P	P	A
27	21NF1A6157	VALLURI MANISHA	P	P	P	A	P	P
28	21NF1A6160	YELUGUREDDY RAJASEKHAR REDDY	P	P	A	P	P	P
29	21NF1A6163	MEKALA KIRAN PAUL	P	P	A	P	P	P
30	21NF1A6164	NEMALIKANTI ANAND	P	A	P	P	P	P
31	21NF1A6165	KOTIKALA SALMON RAJU	P	P	A	P	P	P
32	22NF5A6101	SHAIK NAGULMEERA	P	P	A	P	P	P

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Promoted by: The Diocese of Guntur Society, Guntur

**SLOW LEARNERS-CSE**

**SUBJECT: SOFTWARE ENGINEERING**

**YEAR: II-I**

**A.Y: 2023-2024**

S.NO	REG.NO	NAME	MARKS
1	22NF1A0502	ARIGELA YESWANTH SAI RAM	8
2	22NF1A0506	BOBBA LOKESH REDDY	9
3	22NF1A0507	CHAVALA KARTHIK	8
4	22NF1A0511	DEVARAPALLI LAKSHMAN	9
5	22NF1A0512	DONTA AKASH	8
6	22NF1A0516	GARLAPATI CHONU GURAVAI AH	10
7	22NF1A0517	GODA VENKATESH	10
8	22NF1A0518	GOLLAPALLI DHARMA LINGAM	10
9	22NF1A0520	GORREPATI MAHESH	8
10	22NF1A0522	GUMMADI PAVANI	10
11	22NF1A0525	GUNTAKA GAYATHRI	8
12	22NF1A0529	KAMBHAMPATI RAVIKUMAR	10
13	22NF1A0531	KANNEGANTI NARENDRA	10
14	22NF1A0532	KARNATI RAMU	8
15	22NF1A0533	KASUKURTHI KARTHEEK	10
16	22NF1A0534	KATABATTINI SEKHAR	10
17	22NF1A0535	KATARI NAGA VENKAT	10
18	22NF1A0536	KODAVATIKANTI ARCHANA	8
19	22NF1A0537	KODE SIVA KRISHNA	8
20	22NF1A0545	MADIGA VAMSI	10
21	22NF1A0552	PALLAPOTULA SAI TEJA	10
22	22NF1A0553	PALUVAI LOKESWARA REDDY	10
23	22NF1A0554	PAMULAPATI DEDEEPIYA	10
24	22NF1A0556	PARAGATI PRANATHI	10
25	22NF1A0559	PENTAREDDY BALA SWATHI PRIYA	0
26	22NF1A0560	POLAMPALLI JYOTHI	10
27	22NF1A0563	CHITIRALA SURESH	10
28	22NF1A0564	CHITIRALA SUVARNA	8
29	22NF1A0566	DEVASOTH DIVYA BAI	10
30	22NF1A0568	GUTTI AKHIL	10
31	22NF1A0571	KUMMITHA SOWMYA	10
32	22NF1A0576	PULLAGURA NAGALAKSHMI	10
33	22NF1A0584	SHAIK NAGUR ROSHAN	0
34	22NF1A05A3	VEMULA ARCHANA	10
35	22NF1A05A4	VENNAPUSA KUMAR REDDY	10
36	23NF5A0502	YELURI AVINASH	10

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**ADVANCED LEARNERS-CSE**

SUBJECT: SOFTWARE ENGINEERING		YEAR: II-I	A.Y: 2023-2024
S.NO	REG.NO	NAME	MARKS
1	22NF1A0504	BATTULA HARIBABU	15
2	22NF1A0505	BHAGAM YOGASANDHYA RANI	15
3	22NF1A0508	CHODAGIRI RAJA VIDYA VIBHAVARI ROYAL	14
4	22NF1A0509	DADIPATHRI RAJASHEKHAR	15
5	22NF1A0514	GANGULA GOPI CHAND	15
6	22NF1A0523	GUNDIMEDA LEENA HARINI	15
7	22NF1A0526	GUNTUPALLI LAKSHMI	14
8	22NF1A0528	KALLI AMAR KRANTHI	15
9	22NF1A0538	KORABANDI BHARATHI	15
10	22NF1A0540	KOTHAKOTA HARI KRISHNA VARA PRASAD	15
11	22NF1A0541	KUNCHALA GANESH	14
12	22NF1A0546	MORAM BALA SRAVYA	15
13	22NF1A0547	MOTHUKURI LATHA SRI	15
14	22NF1A0548	MUTTANA SANDYARANI	15
15	22NF1A0550	NEELAM VENKATA SUBBA RAO	15
16	22NF1A0557	PARUCHURI VENKAT RAO	15
17	22NF1A0561	AMUDALAPALLI LEELAABHISHEK	14
18	22NF1A0567	GOVADA NIKITHA	15
19	22NF1A0569	KANCHARLAPALLI TEJO SREERAM	15
20	22NF1A0574	PAPASANI AISWARYA	15
21	22NF1A0577	REBBA POOJITHA	15
22	22NF1A0580	SANTHAPURAPU MOULYA SRI	15
23	22NF1A0582	SHAIK CHAND KOUSAR	14
24	22NF1A0583	SHAIK KHASIM SHAID	14
25	22NF1A0585	SHAIK NAIMULLAH	15
26	22NF1A0590	TADIBOINA NAGA PAVAN	15
27	22NF1A0591	TADIBOINA SIVA NAGA GANESH	15
28	22NF1A0597	THIPPABATHINI VENKATA MEGHANA	14
29	22NF1A0598	THOTA KAVYANJALI	14
30	22NF1A0599	THUGUNTLA SRAVANTHI	15
31	22NF1A05A1	TILARI VINAY	15
32	22NF1A05A6	YEDDULA BHANU PRAKASH RAJU	14
33	22NF1A05A7	YEDLURI PAUL	14
34	22NF1A05A8	YETI DILIP SIVA NAGENDRA BABU	14
35	23NF5A0501	KURICHETI AKHIL KUMAR	15

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Promoted by: The Diocese of Guntur Society, Guntur

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

REGULATION:R20

YEAR:II-I

A.Y:2023-2024

SUBJECT/LABORATORY NAME: SOFTWARE ENGINEERING

**REMEDIAL CLASSES TO SLOW LEARNERS**

S.NO	DATE	TOPIC COVERED
1	1/5/2023	Discuss about the unique nature of webapps
2	2/5/2023	Explain Agile Process
3	3/5/2023	Explain Patterns for requirements modelling
4	4/5/2023	Explain Design with in the context of software engineering
5	5/5/2023	Explain the golden rules
6	6/5/2023	Explain a strategic approach to software testing

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**IMPORTANT QUESTIONS FOR SLOW LEARNERS**

REGULATION:R20

YEAR: II-I

A.Y:2023-2024

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SUBJECT/LABORATORY NAME:SOFTWARE ENGINEERING

**UNIT-1**

- 1 Discuss about the unique nature of webapps
- 2 Discuss about software myths
- 3 Explain unified process
- 4 Explain software engineering practice

**UNIT-2**

- 1 Explain Agile Process
- 2 Explain Extreme Programming
- 3 Discuss about Eliciting Requirements
- 4 Discuss Developing Use Cases

**UNIT-3**

- 1 Explain Requirements Analysis
- 2 Explain class based modeling
- 3 Explain Patterns for requirements modelling
- 4 Explain Requirements modelling for Webapps

**UNIT-4**

- 1 Explain Design with in the context of software engineering
- 2 Discuss the design process
- 3 Discuss design concepts
- 4 Design software architecture

**UNIT-5**

- 1 Explain the golden rules
- 2 Discuss webapp interface design
- 3 Explain elements of software quality assurance
- 4 Explain a strategic approach to software testing

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**REMEDIAL CLASSES TO SLOW LEARNERS ATTENDANCE-CSE**

**SUBJECT: SOFTWARE ENGINEERING**

**YEAR: II-I**

**A.Y: 2023-2024**

**SUBJECT/LABORATORY NAME: SOFTWARE ENGINEERING**

S.NO	REG.NO	STUDENT NAME	1.5.2023	2.5.2023	3.5.2023	4.5.2023	5.5.2023	6.5.2023
1	22NF1A0502	A YESWANTH SAI RAM	P	P	P	P	P	P
2	22NF1A0506	B LOKESH REDDY	P	P	P	P	P	P
3	22NF1A0507	CHAVALA KARTHIK	P	P	P	P	P	P
4	22NF1A0511	D LAKSHMAN	P	P	P	P	P	P
5	22NF1A0512	DONTA AKASH	P	P	P	P	P	P
6	22NF1A0516	G CHONU GURAVIAH	P	P	P	P	P	P
7	22NF1A0517	GODA VENKATESH	P	P	P	P	P	P
8	22NF1A0518	G DHARMA LINGAM	P	P	P	P	P	P
9	22NF1A0520	GORREPATI MAHESH	P	P	P	P	P	P
10	22NF1A0522	GUMMADI PAVANI	P	P	P	P	P	P
11	22NF1A0525	GUNTAKA GAYATHRI	P	P	P	P	P	P
12	22NF1A0529	KAMBHAMPATI RAVIKUMAR	P	P	P	P	P	P
13	22NF1A0531	KANNEGANTI NARENDRA	P	P	P	P	P	P
14	22NF1A0532	KARNATI RAMU	P	P	P	P	P	P
15	22NF1A0533	K KARTHEEK	P	P	P	P	P	P
16	22NF1A0534	K SEKHAR	P	P	P	P	P	P
17	22NF1A0535	KATARI VENKAT	P	P	P	P	P	P
18	22NF1A0536	KODAVATIK ARCHANA	P	P	P	P	P	P
19	22NF1A0537	KODE SIVA KRISHNA	P	P	P	P	P	P
20	22NF1A0545	MADIGA VAMSI	P	P	P	P	P	P
21	22NF1A0552	P SAI TEJA	P	P	P	P	P	P
22	22NF1A0553	P LOKESWARA REDDY	P	P	P	P	P	P
23	22NF1A0554	P DEDEEPIYA	P	P	P	P	P	P
24	22NF1A0556	P PRANATHI	P	P	P	P	P	P
25	22NF1A0559	P BALA SWATHI PRIYA	P	P	P	P	P	P
26	22NF1A0560	POLAMPALLI JYOTHI	P	P	P	P	P	P
27	22NF1A0563	CHITIRALA SURESH	P	P	P	P	P	P
28	22NF1A0564	CHITIRALA SUVARNA	P	P	P	P	P	P
29	22NF1A0566	D DIVYA BAI	P	P	P	P	P	P
30	22NF1A0568	GUTTI AKHIL	P	P	P	P	P	P
31	22NF1A0571	K SOWMYA	P	P	P	P	P	P
32	22NF1A0576	P NAGALAKSHMI	P	P	P	P	P	P
33	22NF1A0584	SK ROSHAN	P	P	P	P	P	P
34	22NF1A05A3	VEMULA ARCHANA	P	P	P	P	P	P
35	22NF1A05A4	V KUMAR REDDY	P	P	P	P	P	P
36	23NF5A0502	YELURI AVINASH	P	P	P	P	P	P

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Promoted by: The Diocese of Guntur Society, Guntur

**SLOW LEARNERS-CSE**

**SUBJECT:DBMS**

**YEAR: II-II**

**A.Y:2023-2024**

S.NO	REG.NO	NAME	MARKS
1	22NF1A0502	ARIGELA YESWANTH SAI RAM	8
2	22NF1A0506	BOBBA LOKESH REDDY	9
3	22NF1A0507	CHAVALA KARTHIC	8
4	22NF1A0511	DEVARAPALLI LAKSHMAN	9
5	22NF1A0512	DONTA AKASH	8
6	22NF1A0516	GARLAPATI CHONU GURAVAIHAH	10
7	22NF1A0517	GODA VENKATESH	10
8	22NF1A0518	GOLLAPALLI DHARMA LINGAM	10
9	22NF1A0520	GORREPATI MAHESH	8
10	22NF1A0522	GUMMADI PAVANI	10
11	22NF1A0525	GUNTAKA GAYATHRI	8
12	22NF1A0529	KAMBHAMPATI RAVIKUMAR	10
13	22NF1A0531	KANNEGANTI NARENDRA	10
14	22NF1A0532	KARNATI RAMU	8
15	22NF1A0533	KASUKURTHI KARTHEEK	10
16	22NF1A0534	KATABATTINI SEKHAR	10
17	22NF1A0535	KATARI NAGA VENKAT	10
18	22NF1A0536	KODAVATIKANTI ARCHANA	8
19	22NF1A0537	KODE SIVA KRISHNA	8

*O. Arung*

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*P. Venkatesh*

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**ADVANCED LEARNERS-CSE**

SUBJECT:DBMS		YEAR: II-II	A.Y:2023-2024
S.NO	REG.NO	NAME	MARKS
1	22NF1A0504	BATTULA HARIBABU	15
2	22NF1A0505	BHAGAM YOGASANDHYA RANI	15
3	22NF1A0508	CHODAGIRI RAJA VIDYA VIBHAVARI ROYAL	14
4	22NF1A0509	DADIPATHRI RAJASHEKHAR	15
5	22NF1A0514	GANGULA GOPI CHAND	15
6	22NF1A0523	GUNDIMEDA LEENA HARINI	15
7	22NF1A0526	GUNTUPALLI LAKSHMI	14
8	22NF1A0528	KALLI AMAR KRANTHI	15
9	22NF1A0538	KORABANDI BHARATHI	15
10	22NF1A0540	KOTHAKOTA HARI KRISHNA VARA PRASAD	15
11	22NF1A0541	KUNCHALA GANESH	14
12	22NF1A0546	MORAM BALA SRAVYA	15
13	22NF1A0547	MOTHUKURI LATHA SRI	15
14	22NF1A0548	MUTTANA SANDYARANI	15
15	22NF1A0550	NEELAM VENKATA SUBBA RAO	15
16	22NF1A0557	PARUCHURI VENKAT RAO	15
17	22NF1A0561	AMUDALAPALLI LEELAABHISHEK	14
18	22NF1A0567	GOVADA NIKITHA	15
19	22NF1A0569	KANCHARLAPALLI TEJO SREERAM	15
20	22NF1A0574	PAPASANI AISWARYA	15
21	22NF1A0577	REBBA POOJITHA	15
22	22NF1A0580	SANTHAPURAPU MOULYA SRI	15
23	22NF1A0582	SHAIK CHAND KOUSAR	14

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*H. V. S. R.*  
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Promoted by: The Diocese of Guntur Society, Guntur

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REGULATION: R20

YEAR: II-II

A.Y:2023-2024

SUBJECT/LABORATORY NAME:DBMS

REMEDIAL CLASSES TO SLOW LEARNERS

S.NO	DATE	TOPIC COVERED
1	12/11/2023	Explain about the Advantages of Database systems
2	12/12/2023	Explain about the Introduction to relational model
3	12/13/2023	Explain about the Representation of entities
4	12/14/2023	Explain about the Fourth normal form(4NF)
5	15-12-2023	Explain about the Implementation of Atomicity and Durability
6	12/16/2023	Explain about the B+ Trees: Search, Insert, Delete algorithms

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**REMEDIAL CLASSES TO SLOW LEARNERS ATTENDANCE-CSE**

REGULATION: R20

YEAR: II-II

A.Y:2023-2024

**SUBJECT/LABORATORY NAME:DBMS**

S.NO	REG.NO	STUDENT NAME	11.12.2023	11.12.2023	11.12.2023	11.12.2023	11.12.2023	11.12.2023
1	22NF1A050	A YESWANTH SAI RAM	P	P	P	P	P	P
2	22NF1A050	BOBBA LOKESH REDDY	P	P	A	P	P	P
3	22NF1A050	CHAVALA KARTHIK	P	P	P	P	P	P
4	22NF1A051	DEVARAPALLI LAKSHMAN	P	P	P	A	P	P
5	22NF1A051	DONTA AKASH	P	P	P	P	P	P
6	22NF1A051	G CHONU GURAVAI AH	P	P	P	P	P	P
7	22NF1A051	GODA VENKATESH	P	P	P	A	P	P
8	22NF1A051	G DHARMA LINGAM	P	P	P	P	P	P
9	22NF1A052	GORREPATI MAHESH	P	P	P	P	P	P
10	22NF1A052	GUMMADI PAVANI	P	P	P	P	P	P
11	22NF1A052	GUNTAKA GAYATHRI	P	P	P	P	P	A
12	22NF1A052	K RAVIKUMAR	P	A	P	P	P	A
13	22NF1A053	KANNEGANTI NARENDRA	P	P	P	P	P	P
14	22NF1A053	KARNATI RAMU	P	P	P	P	P	P
15	22NF1A053	KASUKURTHI KARTHEEK	P	P	P	P	A	P
16	22NF1A053	KATABATTINI SEKHAR	P	P	A	P	P	P
17	22NF1A053	KATARI NAGA VENKAT	P	P	P	P	P	P
18	22NF1A053	K ARCHANA	P	P	P	P	A	P
19	22NF1A053	KODE SIVA KRISHNA	P	P	P	P	P	P

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**IMPORTANT QUESTIONS FOR SLOW LEARNERS**

REGULATION: R20

YEAR:II-II

A.Y:2023-2024

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SUBJECT/LABORATORY NAME: DBMS

**UNIT-1**

- 1 Explain about the Database system,
- 2 Explain about the Advantages of Database systems
- 3 Explain about the introduction of different Data Models
- 4 Explain about the Database system structure

**UNIT-2**

- 1 Explain about the Introduction to relational model
- 2 Explain about the Simple Database schema
- 3 Explain about the basic SQL querying
- 4 Explain about the SQL functions

**UNIT-3**

- 1 Explain about the Representation of entities
- 2 Explain about the super class, inheritance
- 3 Explain about the generalization using ER Diagrams
- 4 Explain about the implementation of different types of joins

**UNIT-4**

- 1 Explain about the Purpose of Normalization
- 2 Explain about the concept of functional dependency
- 3 Explain about the Boyce-codd normal form
- 4 Explain about the Fourth normal form(4NF)

**UNIT-5**

- 1 Explain about the Transaction State
- 2 Explain about the Implementation of Atomicity and Durability
- 3 Explain about the B+ Trees: Search, Insert, Delete algorithms
- 4 Explain about the Index data Structures

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*[Signature]*  
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**SLOW LEARNERS**

SUBJECT:SPM		YEAR:III-I	A.Y:2023-2024
S.NO	REG.NO	NAME	MARKS
1	21NF1A0510	CHILAKA SIRISHA	11
2	21NF1A0511	CHINNABATHUNI VINAY KUMAR	11
3	21NF1A0517	GARIGIPATI SAI PRIYA	11
4	21NF1A0521	KASU PRADEEP KUMAR REDDY	11
5	21NF1A0522	GUJJURU RENUKADEVI	11
6	21NF1A0523	GUJJURU RENUKADEVI	10
7	21NF1A0527	KAMBHAMPATI ANIL KUMAR	8
8	21NF1A0528	KANULLA SIVA SANKARA VARA PRASAD	9
9	21NF1A0529	KATAKAM VENKATA GANESH	11
10	21NF1A0530	KAYAKAKULA JAYA RAMA RAJU	11
11	21NF1A0533	KONDEPAGA RAVI	9
12	21NF1A0534	KONDISETTY PANDU RANGA RAO	11
13	21NF1A0537	KSHEERAJA KOLLI	11
14	21NF1A0543	NANDA UPENDRA	0
15	21NF1A0551	SANDRA PUNITH	11
16	21NF1A0553	SHAIK MASTAN VALI	9
17	21NF1A0560	T VENKATA SAI LAKSHMI PRASANNA	11
18	21NF1A0561	THULAVA SIVAPARVATHI	11
19	21NF1A0562	VARIKUTI NAGA KISHORE	5
20	22NF5A0502	PATTEM MANIKANTA	11

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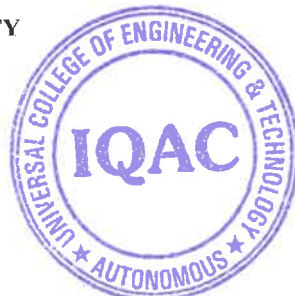
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**ADVANCED LEARNERS**

SUBJECT:SPM		YEAR:III-I	A.Y:2023-2024
S.NO	REG.NO	NAME	MARKS
1	21NF1A0501	AALLA NAGA VENKATA BHANU KIRAN	13
2	21NF1A0504	BAAREDDY PRASANTHI	13
3	21NF1A0506	BILLAKURTHI SNEHA LATHA	14
4	21NF1A0507	BOKKA PALLAVI	14
5	21NF1A0513	CHITYALA GOPI REDDY	14
6	21NF1A0514	DANDE SUPRIYA	13
7	21NF1A0520	GOMASANI SIVANAGARAJU	13
8	21NF1A0525	ILA GEETHA REDDY	14
9	21NF1A0531	KAYAKOKULA NANI MANOJ	14
10	21NF1A0532	KAZA JAYA SRI ANAND	13
11	21NF1A0535	KOPPULA VELANGINI SIRISHA RANI	14
12	21NF1A0536	KOTA PRABHAVATHI	14
13	21NF1A0538	KUNCHANAPALLI MEGHANA	13
14	21NF1A0539	MANDAPATI NIKHITHA SRIJA	13
15	21NF1A0540	MARRIPALLI ANUSHA	13
16	21NF1A0542	MUSALA MOUNIKA	13
17	21NF1A0544	NARU HIMABINDU	14
18	21NF1A0545	NEMALIKANTI SHINY	13
19	21NF1A0546	PALAGANI RAMYA SREE	13
20	21NF1A0547	POLISETTY SRIGANESH	13
21	21NF1A0549	PUVVADA ASLESHA	13
22	21NF1A0552	SHAIK FIROZ	13
23	21NF1A0555	SHAIK HAPSA PARVEEN	14
24	21NF1A0558	SINGAREDDY AARTHI REDDY	13
25	21NF1A0565	YERUVA MARY AVITHA	14
26	22NF5A0501	NAGGARI MADHU SUDHAN	13
27	22NF5A0503	SANKURATHRI SASI KUMAR	13

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REGULATION:R20

YEAR:III-I

A.Y:2023-2024

SUBJECT/LABORATORY NAME:SPM

REMEDIAL CLASSES TO SLOW LEARNERS

S.NO	DATE	TOPIC COVERED
1	1.5.2023	Explain about the principles of conventional software
2	2.5.2023	Explain about life cycle phases
3	3.5.2023	Explain about management perspective and technique perspective
4	4.5.2023	Explain about line of business organizations
5	5.5.2023	Explain about pragmatic software metrics
6	6.5.2023	Explain about agile methodology

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**REMEDIAL CLASSES TO SLOW LEARNERS ATTENDANCE**

REGULATION:R20

YEAR:III-I

A.Y:2023-2024

SUBJECT/LABORATORY NAME:SPM

S.NO	REG.NO	STUDENT NAME	1.5.2023	2.5.2023	3.5.2023	4.5.2023	5.5.2023	6.5.2023
1	21NF1A0510	CHILAKA SIRISHA	P	P	A	P	P	A
2	21NF1A0511	CH VINAY KUMAR	P	A	A	A	P	P
3	21NF1A0517	GARIGIPATI SAI PRIYA	P	A	P	A	P	P
4	21NF1A0521	KASU PRADEEP KUMAR REDDY	P	P	P	P	A	A
5	21NF1A0522	GUJJURU RENUKADEVI	A	A	P	P	P	P
6	21NF1A0523	GUJJURU RENUKADEVI	P	A	P	P	P	P
7	21NF1A0527	KAMBHAMPATI ANIL KUMAR	P	P	A	P	P	P
8	21NF1A0528	K SIVA SANKARA VARA PRASAD	P	A	P	P	P	A
9	21NF1A0529	KATAKAM VENKATA GANESH	P	P	P	A	A	P
10	21NF1A0530	K JAYA RAMA RAJU	P	A	P	A	A	A
11	21NF1A0533	KONDEPAGA RAVI	P	P	A	P	A	P
12	21NF1A0534	K PANDU RANGA RAO	P	A	P	P	P	P
13	21NF1A0537	KSHEERAJA KOLLI	P	P	A	P	P	P
14	21NF1A0543	NANDA UPENDRA	P	P	A	P	P	P
15	21NF1A0551	SANDRA PUNITH	P	A	P	P	P	A
16	21NF1A0553	SHAIK MASTAN VALI	A	P	P	P	P	P
17	21NF1A0560	T V SAI LAKSHMI PRASANNA	P	P	A	P	P	A
18	21NF1A0561	THULAVA SIVAPARVATHI	P	P	P	A	P	P
19	21NF1A0562	VARIKUTI NAGA KISHORE	A	P	A	P	P	P
20	22NF5A0502	PATTEM MANIKANTA	A	P	P	P	P	P

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**IMPORTANT QUESTIONS FOR SLOW LEARNERS**

REGULATION: R20		YEAR: III-I	A.Y:2023-2024
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING			
SUBJECT/LABORATORY NAME:SOFTWARE PROJECT MANAGEMENT			
UNIT-1			
1	Explain about the water fall model		
2	Explain about software economics		
3	Explain about improving software processes		
4	Explain about the principles of conventional software		
UNIT-2			
1	Explain about engineering and production stages		
2	Explain about life cycle phases		
3	Explain about artifact sets		
4	Explain about management artifacts		
UNIT-3			
1	Explain about management perspective and technique perspective		
2	Explain about software process workflows		
3	Explain about checkpoints of the process		
4	Explain about work breakdown structures		
UNIT-4			
1	Explain about line of business organizations		
2	Explain about automation building blocks		
3	Explain about the seven core metrics		
4	Explain about pragmatic software metrics		
UNIT-5			
1	Explain about agile methodology		
2	Explain about need and instance of applications		
3	Explain about Devops and delivery pipeline		
4	Explain about tool stack implementation		

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**SLOW LEARNERS**

**SUBJECT:MOBILE COMPUTING**

**YEAR:III-II**

**A.Y:2023-2024**

S.NO	REG.NO	NAME	MARKS
1	21NF1A0510	CHILAKA SIRISHA	11
2	21NF1A0511	CHINNABATHUNI VINAY KUMAR	11
3	21NF1A0517	GARIGIPATI SAI PRIYA	11
4	21NF1A0521	KASU PRADEEP KUMAR REDDY	11
5	21NF1A0522	GUJJURU RENUKADEVI	11
6	21NF1A0523	GUJJURU RENUKADEVI	10
7	21NF1A0527	KAMBHAMPATI ANIL KUMAR	8
8	21NF1A0528	KANULLA SIVA SANKARA VARA PRASAD	9
9	21NF1A0529	KATAKAM VENKATA GANESH	11
10	21NF1A0530	KAYAKAKULA JAYA RAMA RAJU	11
11	21NF1A0533	KONDEPAGA RAVI	9
12	21NF1A0534	KONDISSETTY PANDU RANGA RAO	11
13	21NF1A0537	KSHEERAJA KOLLI	11
14	21NF1A0543	NANDA UPENDRA	0
15	21NF1A0551	SANDRA PUNITH	11
16	21NF1A0553	SHAIK MASTAN VALI	9
17	21NF1A0560	T VENKATA SAI LAKSHMI PRASANNA	11
18	21NF1A0561	THULAVA SIVAPARVATHI	11
19	21NF1A0562	VARIKUTI NAGA KISHORE	5
20	22NF5A0502	PATTEM MANIKANTA	11

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**ADVANCED LEARNERS**

**SUBJECT:MOBILE COMPUTING YEAR:III-II**

**A.Y:2023-2024**

S.NO	REG.NO	NAME	MARKS
1	21NF1A0501	AALLA NAGA VENKATA BHANU KIRAN	13
2	21NF1A0504	BAAREDDY PRASANTHI	13
3	21NF1A0506	BILLAKURTHI SNEHA LATHA	14
4	21NF1A0507	BOKKA PALLAVI	14
5	21NF1A0513	CHITYALA GOPI REDDY	14
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8	21NF1A0525	ILA GEETHA REDDY	14
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12	21NF1A0536	KOTA PRABHAVATHI	14
13	21NF1A0538	KUNCHANAPALLI MEGHANA	13
14	21NF1A0539	MANDAPATI NIKHITHA SRIJA	13
15	21NF1A0540	MARRIPALLI ANUSHA	13
16	21NF1A0542	MUSALA MOUNIKA	13
17	21NF1A0544	NARU HIMABINDU	14
18	21NF1A0545	NEMALIKANTI SHINY	13
19	21NF1A0546	PALAGANI RAMYA SREE	13
20	21NF1A0547	POLISETTY SRIGANESH	13
21	21NF1A0549	PUVVADA ASLESHA	13
22	21NF1A0552	SHAIK FIROZ	13
23	21NF1A0555	SHAIK HAPSA PARVEEN	14
24	21NF1A0558	SINGAREDDY AARTHI REDDY	13
25	21NF1A0565	YERUVA MARY AVITHA	14
26	22NF5A0501	NAGGARI MADHU SUDHAN	13
27	22NF5A0503	SANKURATHRI SASI KUMAR	13

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

REGULATION:R20

YEAR:III-II

A.Y:2023-2024

**SUBJECT/LABORATORY NAME:MOBILE COMPUTING**

**REMEDIAL CLASSES TO SLOW LEARNERS**

S.NO	DATE	TOPIC COVERED
1	11.12.2023	Introduction to Wireless Networks
2	12.12.2023	MAC-SDMA, FDMA, TDMA, CDMA
3	13.12.2023	Wireless LAN
4	14.12.2023	Mobile Network Layer
5	15.12.2023	Support for Mobility
6	16.12.2023	802.11WLAN Standards

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**REMEDIAL CLASSES TO SLOW LEARNERS ATTENDANCE**

REGULATION:R20

YEAR:III-II

A.Y:2023-2024

SUBJECT/LABORATORY NAME:MOBILE COMPUTING

S.NO	REG.NO	STUDENT NAME	11.12.2023	12.12.2023	13.12.2023	14.12.2023	15.12.2023	16.12.2023
1	21NF1A0510	CHILAKA SIRISHA	P	P	A	P	P	A
2	21NF1A0511	CH VINAY KUMAR	P	A	A	A	P	P
3	21NF1A0517	GARIGIPATI SAI PRIYA	P	A	P	A	P	P
4	21NF1A0521	KASU PRADEEP KUMAR REDDY	P	P	P	P	A	A
5	21NF1A0522	GUJJURU RENUKADEVI	A	A	P	P	P	P
6	21NF1A0523	GUJJURU RENUKADEVI	P	A	P	P	P	P
7	21NF1A0527	KAMBHAMPATI ANIL KUMAR	P	P	A	P	P	P
8	21NF1A0528	K SIVA SANKARA VARA PRASAD	P	A	P	P	P	A
9	21NF1A0529	KATAKAM VENKATA GANESH	P	P	P	A	A	P
10	21NF1A0530	K JAYA RAMA RAJU	P	A	P	A	A	A
11	21NF1A0533	KONDEPAGA RAVI	P	P	A	P	A	P
12	21NF1A0534	K PANDU RANGA RAO	P	A	P	P	P	P
13	21NF1A0537	KSHEERAJA KOLLI	P	P	A	P	P	P
14	21NF1A0543	NANDA UPENDRA	P	P	A	P	P	P
15	21NF1A0551	SANDRA PUNITH	P	A	P	P	P	A
16	21NF1A0553	SHAIK MASTAN VALI	A	P	P	P	P	P
17	21NF1A0560	T V SAI LAKSHMI PRASANNA	P	P	A	P	P	A
18	21NF1A0561	THULAVA SIVAPARVATHI	P	P	P	A	P	P
19	21NF1A0562	VARIKUTI NAGA KISHORE	A	P	A	P	P	P
20	22NF5A0502	PATTEM MANIKANTA	A	P	P	P	P	P

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**IMPORTANT QUESTIONS FOR SLOW LEARNERS**

REGULATION: R20

YEAR: III-II

A.Y:2023-2024

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SUBJECT/LABORATORY NAME:MOBILE COMPUTING

**UNIT-1**

- |   |  |
|---|--|
| 1 | Explain about the Introduction to Wireless Networks            |
| 2 | Explain about Simplified Reference Model                       |
| 3 | Explain about Frequency Management and Channel Assignment      |
| 4 | Explain about the types of hand-off and their characteristics. |

**UNIT-2**

- |   |   |
|---|---|
| 1 | Explain about SDMA, FDMA, TDMA, CDMA    |
| 2 | Explain about Telecommunication Systems |
| 3 | Explain about Mobility management       |
| 4 | Explain about call recording functions  |

**UNIT-3**

- |   |  |
|---|--|
| 1 | Explain about Infrared vs. Radio transmission              |
| 2 | Explain about Adhoc Network,                               |
| 3 | Explain about 802.11WLAN Standards                         |
| 4 | Explain about HIPERLAN, Bluetooth Architecture & protocols |

**UNIT-4**

- |   |   |
|---|---|
| 1 | Explain about Mobile IP,                          |
| 2 | Explain about Dynamic Host Configuration Protocol |
| 3 | Explain about Traditional TCP                     |
| 4 | Explain about Mobile TCP,                         |

**UNIT-5**

- |   |   |
|---|---|
| 1 | Explain about Wireless Application Protocol     |
| 2 | Explain about Wireless Transport Layer Security |
| 3 | Explain about Wireless Application Environment  |
| 4 | Explain about Wireless Markup Language          |

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Promoted by: The Diocese of Guntur Society, Guntur

**SLOW LEARNERS-CSE**

Subject: Deep Learning Techniques

YEAR & SEM: IV-I

A.Y:2023-2024

S.NO	REG.NO	NAME	MARKS
1	20NF1A0510	CHALLA BHANU SRI RAM	13
2	20NF1A0512	CHELLINKI RAVINDRA	13
3	20NF1A0514	CHIMATA SIVA SANKAR	13
4	20NF1A0515	CHINNAPUREDDY SRIKANTH REDDY	13
5	20NF1A0516	DODDA NAGI REDDY	13
6	20NF1A0517	GADE BALA LURDHU JESWANTH REDDY	13
7	20NF1A0519	GUNDARAPU DEEPIKA SAI SRI	13
8	20NF1A0520	JAGIRI KRISHNA CHAITANYA REDDY	13
9	20NF1A0526	MOLATHOTI JEEVAN	13
10	20NF1A0528	MUDDAMSETTY KARTHIK	13
11	20NF1A0531	NARA SAI ANUSH	13
12	20NF1A0538	SHAIK SAMEER BASHA	13
13	20NF1A0539	SHAIK SYFULLA	13
14	20NF1A0541	SOBHILA VENKATA SAI SUDHA KIRAN	13

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**ADVANCED LEARNERS-CSE**

Subject:Deep Learning Techniques		YEAR & SEM:IV-I	A.Y:2023-2024
S.NO	REG.NO	NAME	MARKS
1	20NF1A0501	ALA SIVA NAGA LAKSHMI	15
2	20NF1A0502	ALLAM REVANTH INNAREDDY	14
3	20NF1A0503	ANUGOLU GURU CHAITANYA	14
4	20NF1A0505	BANDANADAM MARIA JYOTHI	15
5	20NF1A0506	BANDLAMUDI NAGA GAYATHRI	15
6	20NF1A0508	BOYA ASHOK REDDY	13
7	20NF1A0511	CHEEDARLA SURESH	15
8	20NF1A0513	CHEVURI CHANDANA	13
9	20NF1A0518	GOLLAMARI PULLA REDDY	14
10	20NF1A0521	JELDI JESSIE RAJU	14
11	20NF1A0523	KOLA ANJALI	15
12	20NF1A0524	MADAKA ALEKHYA	14
13	20NF1A0525	MERETI GAYATRI DEVI	15
14	20NF1A0527	MOTURI SMILY	14
15	20NF1A0530	NANDURI HENA GRACE	14
16	20NF1A0532	PALEPOGU BABU	15
17	20NF1A0533	PEDDIREDDY SATEESH REDDY	13
18	20NF1A0534	RAATNALA SANDHYA RANI	14
19	20NF1A0535	SANIKOMMU KAVYA	13
20	20NF1A0536	SANKURI VENKATESH	14
21	20NF1A0537	SHAIK SALMA	13
22	20NF1A0540	SHAIK YASEEN ARFATH	14
23	20NF1A0542	SOMANABOINA RAGHAVENDRA	14
24	20NF1A0543	TADIBOYINA RAMYASRI	14
25	20NF1A0544	TALLURI ASHOK	13
26	20NF1A0545	TALLURI DEEPIKA	15
27	20NF1A0546	TIRUMALASETTY SAI PRASANNA	13
28	20NF1A0547	TUGUTLA VENKATA PRASAD REDDY	14
29	20NF1A0548	TUMATI SRINADH	13
30	20NF1A0549	UDUTURI SATISH REDDY	14
31	20NF1A0550	VADDULA RAMYA SRI	13
32	20NF1A0551	YAGANTI NAVYA	13
33	21NF5A0501	BULLA MAMATHA	14
34	21NF5A0502	MALLAVARAPU BABU RAO	13
35	21NF5A0503	SHAIK MEERAVALI	13
36	21NF5A0504	POTHURAJU KAMAKSHI	14

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

REGULATION R20

YEAR: IV-I

A.Y: 2023-2024

SUBJECT/LABORATORY NAME: DEEP LEARNING TECHNIQUES

**REMEDIAL CLASSES TO SLOW LEARNERS**

S.NO	DATE	TOPIC COVERED
1	1/5/2023	Fundamentals of Deep Learning
2	2/5/2023	Fundamentals of Machine Learning
3	3/5/2023	Introducing Deep Learning
4	4/5/2023	Neural Networks
5	5/5/2023	Convolutional Neural Networks
6	6/5/2023	Interactive Applications of Deep Learning and research

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REMEDIAL CLASSES TO SLOW LEARNERS ATTENDANCE-CSE

REGULATION:R20

YEAR: IV-I

A.Y:2023-2024

SUBJECT NAME DEEP LEARNING TECHNIQUES

S.N O	REG.NO	STUDENT NAME	1/5/2023	2/5/2023	3/5/2023	4/5/2023	5/5/2023	6/5/2023
1	20NF1A0510	CHALLA BHANU SRI RAM	P	P	P	P	P	P
2	20NF1A0512	CHELLINKI RAVINDRA	A	P	P	A	P	P
3	20NF1A0514	CHIMATA SIVA SANKAR	P	P	P	P	A	P
4	20NF1A0515	C. SRIKANTH REDDY	P	P	P	P	P	P
5	20NF1A0516	DODDA NAGI REDDY	P	P	A	P	P	P
6	20NF1A0517	G.B LURDHU JESWANTH REDDY	A	P	P	A	P	P
7	20NF1A0519	GUNDARAPU DEEPIKA SAI SRI	P	P	P	A	P	P
8	20NF1A0520	J. KRISHNA CHAITANYA REDDY	P	P	P	A	P	P
9	20NF1A0526	MOLATHOTI JEEVAN	P	P	P	P	A	P
10	20NF1A0528	MUDDAMSETTY KARTHIK	P	A	P	P	P	P
11	20NF1A0531	NARA SAI ANUSH	P	P	P	A	P	P
12	20NF1A0538	SHAIK SAMEER BASHA	P	P	A	P	P	P
13	20NF1A0539	SHAIK SYFULLA	P	A	P	P	P	P
14	20NF1A0541	S.VENKATA SAI SUDHA KIRAN	P	P	A	P	P	P

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**IMPORTANT QUESTIONS FOR SLOW LEARNERS**

REGULATION: R20

YEAR: IV-I

A.Y:2023-2024

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SUBJECT NAME:DEEP LEARNING TECHNIQUES

**UNIT-1**

- |   |  |
|---|--|
| 1 | what are Applications of Artificial Intelligence and history of machine learning |
| 2 | Explain about Decision Tree with example   |
| 3 | Explain about Overfitting and Underfitting with example                          |
| 4 | explain Random forests and Gradient boosting machines                            |

**UNIT-2**

- |   |  |
|---|--|
| 1 | Explain about Artificial Neural Networks |
| 2 | Explain about Improving Deep Networks    |
| 3 | Explain Training Deep Networks           |
| 4 | Explain Human and Machine Language       |

**UNIT-3**

- |   |   |
|---|---|
| 1 | Explain about Anatomy of Neural Network |
| 2 | Explain about Binary Classification     |
| 3 | Explain about multiclass Classification |
| 4 | Explain about Keras, TensorFlow         |

**UNIT-4**

- |   |  |
|---|--|
| 1 | Explain about Recurrent Neural Networks          |
| 2 | Explain about Multichannel Convolution Operation |
| 3 | Explain about Deep Learning with PyTorch         |
| 4 | Explain about Multichannel Convolution Operation |

**UNIT-5**

- |   |  |
|---|--|
| 1 | Explain about Natural language Processing              |
| 2 | Explain about Auto Encoders and Deep Generative models |
| 3 | Explain about Autoencoders                             |
| 4 | Explain about Deep Belief Networks                     |

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