



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

S.No	Name Of The Document
1	Mid/Sem Exam Time Tables
2	Mid I & II QP and Assignment
3	Scheme of evaluation
4	Marks display on notice board
5	Student performance – sending letters
6	Syllabus coverage
7	Project review- I
8	Project review- II



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**Coordinator-IQAC
RKCE**

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R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M)
Vijayawada, AMARAVATI-521 456.

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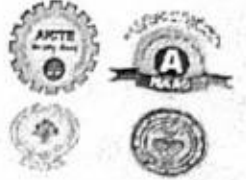
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R K COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada & APSBTET)

(Accredited by NAAC with "A" Grade)

Kethanakonda (V), Ibrahimpatnam (M), Vijayawada, AMARAVATI- 521456



Date: 09.02.2024

CIRCULAR

All II B. Tech students are hereby informed that II Semester Mid-I Examinations will commence from 19.02.2024 Timings 3.00PM TO 04.30 PM and the detailed Time table is displayed in all Notice boards.

All the HOD's are requested to submit mid examination question banks (Soft Copy) to Examination Cell (examcell@rkce.ac.in) on or before 15.02.2024 without fail


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CE

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MECH


ECE

CSE

AIML/DS



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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

II B.TECH II SEMESTER (R20)

II B.TECH II SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, FEBRUARY - 2024

TIME TABLE

TIME: ~~9:00 AM TO 12:00 PM~~

BRANCH	DAY AND DATE				
	19-02-2024 (Monday)	20-02-2024 (Tuesday)	21-02-2024 (Wednesday)	22-02-2024 (Thursday)	23-02-2024 (Friday)
CIVIL ENGINEERING (01-CE)	Complex Variables and Statistical Methods R2022011 (Common to CE, ME, AME, MM)	Strength of Materials -II R2022012	Hydraulics and Hydraulic Machinery R2022013	Environmental Engineering R2022014	Managerial Economics & Financial Analysis R2022015 (Common to CE, EEE, DIE, ECT, AGE, FE)
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	Python Programming R2022021 (Common to EEE, FE)	Digital Electronics R2022022	Power System-I R2022023	Induction and Synchronous Machines R2022024	Managerial Economics & Financial Analysis R2022015 (Common to CE, EEE, DIE, ECT, AGE, FE)
MECHANICAL ENGINEERING (03-ME)	Complex Variables and Statistical Methods R2022011 (Common to CE, ME, AME, MM)	Material Science & Metallurgy R2022031	Dynamics of Machinery R2022032	Thermal Engineering-I R2022033	Industrial Engineering and Management R2022034
ELECTRONICS & COMMUNICATION ENGINEERING (04-ECE)	Electronic Circuit Analysis R2022041 (Common to ECE, DIE, ECT)	Digital IC Design R2022042	Analog Communications R2022043 (Common to ECE, ECT)	Linear Control Systems R2022044 (Common to ECE, EEE)	Management and Organizational Behavior R2022045 (Common to ECE, PE)
COMPUTER SCIENCE & ENGINEERING (05-CSE)	Probability and Statistics R2022051 (Common to CSE, CST, CSE(AIML), CSE(AI), CSE(DS), CSE(AI&DS), CSE(CS), CSE(IOT), CSE(SIBCT), CSE(CSBS), CSE(IOT), CSE(AI&DS), CSE(AI), CSE(AI&DS), CSE(AI&DS), CSE(CS), CSE(IOT), CSE(SIBCT), CSE(IOT), CSE(AI&DS), CSE(AI&DS), CSE(AI&DS))	Database Management Systems R2022052 (Common to CSE, CST, CSE(CS), CSE(IOT), CSE(SIBCT), CSE(CSBS), CSE(IOT), IOT)	Formal Languages and Automata Theory R2022053 (Common to CSE, CST, CSE(AI&DS), CSE(AI), CSE(DS), CSE(AI&DS), CSE(CS), CSE(IOT), CSE(SIBCT), CSE(IOT), CSE(AI&DS), CSE(AI&DS), CSE(AI&DS))	Java Programming R2022054 (Common to CSE, IT, CSE(CSBS), CS)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE, CST, IT, AIML, CSE(AI&DS), CSE(AI&DS), CSE(AI&DS), CSE(AI&DS), CSE(CS), CSE(IOT), CSE(SIBCT), CSE(IOT), CSE(AI&DS), CSE(AI&DS), CSE(AI&DS))

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

II B.TECH II SEMESTER (R20)

UNIVERSITY EXAMINATION CENTER, KAKINADA

II B.TECH II SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, FEBRUARY - 2024

TIME TABLE

TIME: ~~10:00 AM TO 11:00 AM~~

BRANCH	DAY AND DATE				
	19-02-2024 (Monday)	20-02-2024 (Tuesday)	21-02-2024 (Wednesday)	22-02-2024 (Thursday)	23-02-2024 (Friday)
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOT),CSE(ROTC),CSE(CSB),CSE(IOT),AIDS,IOT,AIML,CSD)	Computer Organization R2022421 (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOT),CSE(ROTC),CSE(IOT),AIDS,AIML,IOT)	Data Warehousing and Mining R2022422 (Common to CSE(AIML),AIDS,CSE(AIDS),AIDS,IOT,AIML,CSD)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IJ,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(ROTC),CSE(ROTC),CSE(IOT),AIDS,IOT,AIML,CSD)
COMPUTER SCIENCE AND DESIGN (62)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOT),CSE(ROTC),CSE(CSB),CSE(IOT),AIDS,IOT,AIML,CSD)	Computer Organization R2022421 (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Visual Design and Communication R2022621	Data Warehousing and Mining R2022422 (Common to CSE(AIML),AIDS,CSE(AIDS),AIDS,IOT,AIML,CSD)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IJ,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(ROTC),CSE(ROTC),CSE(IOT),AIDS,IOT,AIML,CSD)

NOTE:

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- (iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

Date: 08-02-2024

A. R. K.
Controller of Examinations (UG)

Harish K

**Coordinator-IQAC
RKCE**

A. R. K.
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R K COLLEGE OF ENGINEERING


II B.Tech II Sem (R20) Quiz-1 Examinations February-2024

DATE	ECE	MECH	CSE	AI&ML	EEE	CIVIL	DATA SCIENCE
	11.00 TO 11.30 AM	12.00 TO 12.30 PM	10.00 TO 11.00 AM	11.30 TO 12.00 N	12.00 TO 12.30 PM	12.00 TO 12.30 PM	11.30 TO 12.00 N
19.02.2024	ECA R2022041	CVSM R2022011	P&S R2022051	P&S R2022051	PP R2022021	CVSM R2022011	P&S R2022051
20.02.2024	DICD R2022042	M&M R2022031	DBMS R2022052	CO R2022421	DE R2022022	SOM-II R2022012	CO R2022421
21.02.2024	AC R2022043	DOM R2022032	FLAT R2022053	FLAT R2022053	PS-I R2022023	H&HM R2022013	FLAT R2022053
22.02.2024	LCS R2022044	TE-I R2022033	JAVA R2022054	DW&M R2022422	I&M R2022024	EE R2022014	DW&M R2022422
23.02.2024	MOB R2022045	IE&M R2022034	MEFA R2022055	MEFA R2022055	MEFA R2022015	MEFA R2022015	MEFA R2022055


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R K COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada & SBTET, Amaravati)
(Accredited by NAAC with "A" Grade & AUTONOMOUS)
Kethanakonda (V), Ibrahimpatnam (M), Vijayawada, AMARAVATI - 521456



Date: 03.04.2024

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All II B. Tech students are hereby informed that II Semester Mid-II Examinations will commence from 15.04.2024 Timings 3.00 PM TO 04.30 PM and the detailed Time table is displayed in all Notice boards.

All the HOD's are requested to submit mid examination question banks (Soft Copy) to Examination Cell (examcell@rkce.ac.in) on or before 08.04.2024 without fail


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R K COLLEGE OF ENGINEERING

II B.Tech II Sem (R20) Quiz-2 Examinations APRIL-2024

DATE	ECE	MECH	CSE	AI&ML	EEE	CIVIL	DATA SCIENCE
	11.00 TO 11.30 AM	12.00 TO 12.30 PM	10.00 TO 11.00 AM	11.30 TO 12.00 N	12.00 TO 12.30 PM	12.00 TO 12.30 PM	11.30 TO 12.00
15.04.2024	ECA R2022041	CVSM R2022011	P&S R2022051	P&S R2022051	PP R2022021	CVSM R2022011	P&S R2022051
16.04.2024	DICD R2022042	MS&M R2022031	DBMS R2022052	CO R2022421	DE R2022022	SOM-II R2022012	CO R2022421
18.04.2024	AC R2022043	DOM R2022032	FLAT R2022053	FLAT R2022053	PS-I R2022023	H&HM R2022013	FLAT R2022053
19.04.2024	LCS R2022044	TE-I R2022033	JAVA R2022054	DW&M R2022422	I&SM R2022024	EE R2022014	DW&M R2022422
20.04.2024	MOB R2022045	IE&M R2022034	MEFA R2022055	MEFA R2022055	MEFA R2022015	MEFA R2022015	MEFA R2022055


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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

II B.TECH II SEMESTER (R20)

II B.TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2024

TIME TABLE

BRANCH	DAY AND DATE				
	15-04-2024 (Monday)	16-04-2024 (Tuesday)	18-04-2024 (Thursday)	19-04-2024 (Friday)	20-04-2024 (Saturday)
CIVIL ENGINEERING (01-CE)	Complex Variables and Statistical Methods R2022011 (Comm to CE,ME,AME,MM)	Strength of Materials -II R2022012	Hydraulics and Hydraulic Machinery R2022013	Environmental Engineering R2022014	Managerial Economics & Financial Analysis R2022015 (Comm to CE,EEE,EIE,ECT,AGE,FE)
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	Python Programming R2022021 (Common to EEE, FE)	Digital Electronics R2022022	Power System-I R2022023	Induction and Synchronous Machines R2022024	Managerial Economics & Financial Analysis R2022015 (Comm to CE,EEE,EIE,ECT,AGE,FE)
MECHANICAL ENGINEERING (03-ME)	Complex Variables and Statistical Methods R2022011 (Comm to CE,ME,AME,MM)	Material Science & Metallurgy R2022031	Dynamics of Machinery R2022032	Thermal Engineering-I R2022033	Industrial Engineering and Management R2022034
ELECTRONICS & COMMUNICATION ENGINEERING (04-ECE)	Electronic Circuit Analysis R2022041 (Comm to ECE,EIE,ECT)	Digital IC Design R2022042	Analog Communications R2022043 (Common to ECE,ECT)	Linear Control Systems R2022044 (Common to ECE,EIE)	Management and Organizational Behavior R2022045 (Common to ECE, PE)
COMPUTER SCIENCE & ENGINEERING (05-CSE)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AIML,CSD)	Database Management Systems R2022052 (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),IOT)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Java Programming R2022054 (Common to CSE,IT,CSE(CSBS),CS)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE,AIDL,CSE,AI,CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

II B.TECH II SEMESTER (R20)

II B.TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2024

TIME TABLE

BRANCH	DAY AND DATE				
	15-04-2024 (Monday)	16-04-2024 (Tuesday)	18-04-2024 (Thursday)	19-04-2024 (Friday)	20-04-2024 (Saturday)
CSE (Artificial Intelligence) (43)	Probability and Statistics R2022051 (Common to CSE,CST,CSE/AIML,CSE/AI,CSE/DS,CS E/AIDS,CSE/CS,CSE/IOTCSIBCT,CSE/ CSBS,CSE/IOT,AIDS,IOT,AIML,CSD)	Computer Organization R2022421 (Common to CSE/AIML,CSE/AI,CSE/DS,CSE/AI DS,AIDS,AIML)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE/AIML,CSE/AI,CSE/DS, CSE/AIDS,CSE/CS,CSE/IOTCSIBCT,C SE/IOT,AIDS,AIML,IOT)	Data Warehousing and Mining R2022422 (Common to CSE/AIML,AIDS,CSE/AIDS, AIDS,IOT,AIML,CSD)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE/AIML,CSE/AI,C SE/DS,CSE/AIDS,CSE/CS,CSE/IOTC SIBCT,CSE/IOT,AIDS,IOT,AIML,CSD)
CSE (Data Science) (44)	Probability and Statistics R2022051 (Common to CSE,CST,CSE/AIML,CSE/AI,CSE/DS,CS E/AIDS,CSE/CS,CSE/IOTCSIBCT,CSE/ CSBS,CSE/IOT,AIDS,IOT,AIML,CSD)	Computer Organization R2022421 (Common to CSE/AIML,CSE/AI,CSE/DS,CSE/AI DS,AIDS,AIML)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE/AIML,CSE/AI,CSE/DS, CSE/AIDS,CSE/CS,CSE/IOTCSIBCT,C SE/IOT,AIDS,AIML,IOT)	Data Warehousing and Mining R2022422 (Common to CSE/AIML,AIDS,CSE/AIDS, AIDS,IOT,AIML,CSD)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE/AIML,CSE/AI,C SE/DS,CSE/AIDS,CSE/CS,CSE/IOTC SIBCT,CSE/IOT,AIDS,IOT,AIML,CSD)
CSE (Artificial Intelligence and Data Science) (45)	Probability and Statistics R2022051 (Common to CSE,CST,CSE/AIML,CSE/AI,CSE/DS,CS E/AIDS,CSE/CS,CSE/IOTCSIBCT,CSE/ CSBS,CSE/IOT,AIDS,IOT,AIML,CSD)	Computer Organization R2022421 (Common to CSE/AIML,CSE/AI,CSE/DS,CSE/AI DS,AIDS,AIML)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE/AIML,CSE/AI,CSE/DS, CSE/AIDS,CSE/CS,CSE/IOTCSIBCT,C SE/IOT,AIDS,AIML,IOT)	Data Warehousing and Mining R2022422 (Common to CSE/AIML,AIDS,CSE/AIDS, AIDS,IOT,AIML,CSD)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE/AIML,CSE/AI,C SE/DS,CSE/AIDS,CSE/CS,CSE/IOTC SIBCT,CSE/IOT,AIDS,IOT,AIML,CSD)

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II B.TECH II SEMESTER (R20)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

II B.TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2024

TIME TABLE

~~TIME: 10.00 AM - 12.00 PM~~

BRANCH	DAY AND DATE				
	15-04-2024 (Monday)	16-04-2024 (Tuesday)	18-04-2024 (Thursday)	19-04-2024 (Friday)	20-04-2024 (Saturday)
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AIML,CSD)	Computer Organization R2022421 (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Data Warehousing and Mining R2022422 (Common to CSE(AIML),AI,DS,CSE(AIDS),AIDS,IOT,AIML,CSD)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
COMPUTER SCIENCE AND DESIGN (62)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AIML,CSD)	Computer Organization R2022421 (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Visual Design and Communication R2022621	Data Warehousing and Mining R2022422 (Common to CSE(AIML),AI,DS,CSE(AIDS),AIDS,IOT,AIML,CSD)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)

NOTE:

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- (iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

Date: 02-04-2024

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Controller of Examinations (UG)

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Kethanakonda (V), Ibrahimpatnam (M), Vijayawada, AMARAVATI - 521456



Date: 18.04.2024

CIRCULAR

All III B. Tech students are hereby informed that II Semester Mid-II Examinations will commence from 29.04.2024 Timings 2.30 PM TO 04.00 PM and the detailed Time table is displayed in all Notice boards.

All the HOD's are requested to submit mid examination question banks (Soft Copy) to Examination Cell (examcell@rkce.ac.in) on or before 23.04.2024 without fail


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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, APRIL/MAY - 2024

TIME TABLE

TIME: ~~09:00 AM TO 12:00 PM~~

BRANCH	DATE & DAY					
	29.04.2024 (Monday)	30.04.2024 (Tuesday)	01.05.2024 (Wednesday)	02.05.2024 (Thursday)	03.05.2024 (Friday)	04.05.2024 (Saturday)
CIVIL ENGINEERING (01 CE)	Design And Drawing of Steel Structures (R2032011)	Water Resource Engineering (R2032012)	Geotechnical Engineering-II (R2032013)	Professional Elective (PE- II) :- Advanced Structural Analysis R203201A Architecture and Town Planning R203201B Road Safety Engineering R203201C Traffic Engineering R203201D	Open Elective (OE II) :- Elements of Civil Engineering R203201E Environmental Engineering R203201F Disaster Management R203201G Water Resource Engineering R203201H Hydraulics and Hydraulic Machinery R203201I Green Technologies R203201J Remote Sensing and GIS R203201K (Common to CE,MM)	.....
ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)	Microprocessors and Microcontrollers (R2032021)	Electrical Measurements and Instrumentation (R2032022)	Power System Analysis (R2032023)	Professional Elective (PE) :- Signal and Systems R203202A Electric Drives R203202B Advanced Control Systems R203202C Switchgear and Protection R203202D Big Data Analytics R203202E	Open Elective (OE II) :- Battery Management Systems and Charging Stations R203202F Fundamentals of utilization of Electrical Energy R203202G Indian Electricity Act R203202H	.....
MECHANICAL ENGINEERING (03 ME)	Heat Transfer (R2032031)	Design of Machine Members-II (R2031032)	Introduction to Artificial Intelligence and Machine Learning (R2032033)	Professional Elective (PE) :- Automobile Engineering R203203A Smart Manufacturing R203203B Advanced Mechanics of Solids R203203C Statistical Quality Control R203203D Industrial Hydraulics and Pneumatics R203203E	Open Elective (OE II) :- Industrial Robotics R203203G Essentials of Mechanical Engineering R203203H Advanced Materials R203203I Introduction to Automobile Engineering R203203J


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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, APRIL/MAY - 2024

TIME TABLE

BRANCH	DATE & DAY					
	29.04.2024 (Monday)	30.04.2024 (Tuesday)	01.05.2024 (Wednesday)	02.05.2024 (Thursday)	03.05.2024 (Friday)	04.05.2024 (Saturday)
ELECTRONICS & COMMUNICATION ENGINEERING (04 ECE)	Microprocessor and Microcontrollers (R2032041)	VLSI Design (R2032042)	Digital Signal Processing (R2032043)	<u>Professional Elective (PE) :-</u> Microwave Engineering R203204A Mobile & Cellular Communication R203204B Embedded Systems R203204C CMOS Analog IC Design R203204D	<u>Open Elective (OE II) :-</u> Basics of Signals and Systems R203204E Electronic Measurements and Instrumentation R203204F Principles of Signal Processing R203204G Industrial Electronics R203204H Consumer Electronics R203204I Fundamentals of Microprocessors and Microcontrollers R203204J Transducers and Sensors R203204K IOT and Applications R203204L Soft Computing Techniques R203204M IC Applications R203204N Principles of Communications R203204O Basic Electronics R203204P Data Communications R203204Q Digital Logic Design R203204R Remote Sensing and GIS R203204S Bio Medical Instrumentation R203204T	-----
COMPUTER SCIENCE & ENGINEERING (05 CSE)	Machine Learning (R2032051) (Common to CSE,IT)	Compiler Design (R2032052)	Cryptography and Network Security (R2032053) (Common to CSE,IT)	<u>Professional Elective (PE) :-</u> Mobile Computing R203205A (Common to CSE,IT) Big Data Analytics R203205B Object Oriented Analysis and Design R203205C Network Programming R203205D (Common to CSE,CSE(AIML),CSE(AI),AIML,CSD)	<u>Open Elective (OE II) :-</u> MEAN Stack Development R203205E <small>(Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AID),CSE(AI),AIML,CSD)</small> Python Programming R203205F (Common to CSE,IT) Web Technologies R203205G (Common to CSE,IT) Soft Computing R203205H Distributed Computing R203205I (Common to CSE,IT) AI and ML for Robotics R203205J (Common to CSE,IT) Computer Networks R203205K (Common to CSE,IT) Big Data Analytics R203205L (Common to CSE,IT) Computational Tools R203205M (Common to CSE,IT)	-----

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, APRIL/MAY - 2024

TIME TABLE

TIME: ~~09:00 AM TO 12:00 PM~~

BRANCH	DATE & DAY					
	29.04.2024 (Monday)	30.04.2024 (Tuesday)	01.05.2024 (Wednesday)	02.05.2024 (Thursday)	03.05.2024 (Friday)	04.05.2024 (Saturday)
PHARMACEUTICAL ENGINEERING (55)	Pharmaceutical Engineering – II (R2032551)	Instrumental Methods of Analysis (R2032552)	Principles of Transducers and Measurements (R2032553)	Professional Elective (PE) :- Computer Aided Drug Design R203255A Pharmaceutical Regulatory Affairs R203255B Novel Drug Delivery Systems R203255C	Open Elective (OE II) :- Hospital Management and Information Systems R203255D Neural Networks and Fuzzy Logic R203255E Introduction to Database Management R203255F	Water Conservation Management (R2032554)
CYBER SECURITY (59)	Machine Learning (R2032462) (Common to CSE(CS),CSE(IOT),CS)	Cryptography and Network Security (R2032461) (Common to IT,CSE(DS),CSE(AIDS),AI,DS)	Introduction to Cyber Security (R2032463) (Common to CSE(CS),IOTCSIBCT,CS)	.....	Open Elective (OE II) :- Web Services R203246B (Common to CSE(CS),IOTCSIBCT,CS)	.....
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)	Computer Networks (R2032421) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	Deep Learning (R2032422) (Common to CSE(AIML),CSE(AI),AIML)	Design and Analysis of Algorithms (R2032423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Professional Elective (PE) :- Software Project Management R203242A (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Distributed Systems R203242B (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Internet of Things R203242C (Common to CSE(AIML),CSE(AI),AIML) Network Programming R203205D (Common to CSE,CSE(AIML),CSE(AI),AIML,CSD)	Open Elective (OE II) :- MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)

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R K COLLEGE OF ENGINEERING
 III B.Tech II Sem (R20) Quiz-2 Examinations April/May-2024
Computer Lab-1

Date	ECE	MECH	CSE	AI&ML	EEE	CIVIL
	10.00 TO 10.30 AM	11.00 TO 11.30 AM	11.30 TO 12.30 PM	10.30 TO 11.00 AM	11.00 TO 11.30 AM	11.00 TO 11.30 AM
29.04.2024	MP&MC R2032041	HT R2032031	ML R2032051	CN R2032421	MP&MC R2032021	DDSS R2032011
30.04.2024	VLSI DESIGN R2032042	DMM-II R2031032	CD R2032052	DL R2032422	EM&I R2032021	WRE R2032012
01.05.2024	DSP R2032043	INT AI&ML R2032033	C&NS R2032053	DAA R2032423	PSA R2032023	GTE-II R2032013
02.05.2024	M&CC R203204B	AE R203203A	OOAD R203205C	SPM R203242A	S&P R203202D	TE R203201D
03.05.2024	FUEE R203202G	WRE R203201H	IOT R203204L	IOT R203204L	IOT R203204L	IAE R203203J


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(Accredited by NAAC with "A" Grade & AUTONOMOUS)
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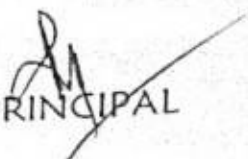


Date: 18.04.2024

CIRCULAR


All III B. Tech students are hereby informed that II Semester Mid-II Examinations will commence from 29.04.2024 Timings 2.30 PM TO 04.00 PM and the detailed Time table is displayed in all Notice boards.

All the HOD's are requested to submit mid examination question banks (Soft Copy) to Examination Cell (examcell@rkce.ac.in) on or before 23.04.2024 without fail


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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, APRIL/MAY - 2024

TIME TABLE

TIME: ~~10:00 AM TO 12:00 PM~~

BRANCH	DATE & DAY					
	29.04.2024 (Monday)	30.04.2024 (Tuesday)	01.05.2024 (Wednesday)	02.05.2024 (Thursday)	03.05.2024 (Friday)	04.05.2024 (Saturday)
CIVIL ENGINEERING (01 CE)	Design And Drawing of Steel Structures (R2032011)	Water Resource Engineering (R2032012)	Geotechnical Engineering-II (R2032013)	Professional Elective (PE- II) :- Advanced Structural Analysis R203201A Architecture and Town Planning R203201B Road Safety Engineering R203201C Traffic Engineering R203201D	Open Elective (OE II) :- Elements of Civil Engineering R203201E Environmental Engineering R203201F Disaster Management R203201G Water Resource Engineering R203201H Hydraulics and Hydraulic Machinery R203201I Green Technologies R203201J Remote Sensing and GIS R203201K (Common to CE,MM)	.....
ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)	Microprocessors and Microcontrollers (R2032021)	Electrical Measurements and Instrumentation (R2032022)	Power System Analysis (R2032023)	Professional Elective (PE) :- Signal and Systems R203202A Electric Drives R203202B Advanced Control Systems R203202C Switchgear and Protection R203202D Big Data Analytics R203202E	Open Elective (OE II) :- Battery Management Systems and Charging Stations R203202F Fundamentals of utilization of Electrical Energy R203202G Indian Electricity Act R203202H	.....
MECHANICAL ENGINEERING (03 ME)	Heat Transfer (R2032031)	Design of Machine Members-II (R2031032)	Introduction to Artificial Intelligence and Machine Learning (R2032033)	Professional Elective (PE) :- Automobile Engineering R203203A Smart Manufacturing R203203B Advanced Mechanics of Solids R203203C Statistical Quality Control R203203D Industrial Hydraulics and Pneumatics R203203E	Open Elective (OE II) :- Industrial Robotics R203203G Essentials of Mechanical Engineering R203203H Advanced Materials R203203I Introduction to Automobile Engineering R203203J


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UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, APRIL/MAY - 2024 TIME TABLE

TIME: ~~09.30 AM TO 12.00 PM~~

BRANCH	DATE & DAY					
	29.04.2024 (Monday)	30.04.2024 (Tuesday)	01.05.2024 (Wednesday)	02.05.2024 (Thursday)	03.05.2024 (Friday)	04.05.2024 (Saturday)
ELECTRONICS & COMMUNICATION ENGINEERING (04 ECE)	Microprocessor and Microcontrollers (R2032041)	VLSI Design (R2032042)	Digital Signal Processing (R2032043)	Professional Elective (PE) :- Microwave Engineering R203204A Mobile & Cellular Communication R203204B Embedded Systems R203204C CMOS Analog IC Design R203204D	Open Elective (OE, II) :- Basics of Signals and Systems R203204E Electronic Measurements and Instrumentation R203204F Principles of Signal Processing R203204G Industrial Electronics R203204H Consumer Electronics R203204I Fundamentals of Microprocessors and Microcontrollers R203204J Transducers and Sensors R203204K IOT and Applications R203204L Soft Computing Techniques R203204M IC Applications R203204N Principles of Communications R203204O Basic Electronics R203204P Data Communications R203204Q Digital Logic Design R203204R Remote Sensing and GIS R203204S Bio Medical Instrumentation R203204T	
COMPUTER SCIENCE & ENGINEERING (05 CSE)	Machine Learning (R2032051) (Common to CSE,IT)	Compiler Design (R2032052)	Cryptography and Network Security (R2032053) (Common to CSE,IT)	Professional Elective (PE) :- Mobile Computing R203205A (Common to CSE,IT) Big Data Analytics R203205B Object Oriented Analysis and Design R203205C Network Programming R203205D (Common to CSE,CSE(AIML),CSE(AI),AIML,CSD)	Open Elective (OE, II) :- MEAN Stack Development R203205E <small>(Common to CSE,IT)</small> Python Programming R203205F (Common to CSE,IT) Web Technologies R203205G (Common to CSE,IT) Soft Computing R203205H Distributed Computing R203205I (Common to CSE,IT) AI and ML for Robotics R203205J (Common to CSE,IT) Computer Networks R203205K (Common to CSE,IT) Big Data Analytics R203205L (Common to CSE,IT) Computational Tools R203205M (Common to CSE,IT)	

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UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, APRIL/MAY - 2024

TIME TABLE

TIME: ~~09:00 AM TO 12:00 PM~~

BRANCH	DATE & DAY					
	29.04.2024 (Monday)	30.04.2024 (Tuesday)	01.05.2024 (Wednesday)	02.05.2024 (Thursday)	03.05.2024 (Friday)	04.05.2024 (Saturday)
PHARMACEUTICAL ENGINEERING (55)	Pharmaceutical Engineering – II (R2032551)	Instrumental Methods of Analysis (R2032552)	Principles of Transducers and Measurements (R2032553)	<u>Professional Elective (PE) :-</u> Computer Aided Drug Design R203255A Pharmaceutical Regulatory Affairs R203255B Novel Drug Delivery Systems R203255C	<u>Open Elective (OE ID) :-</u> Hospital Management and Information Systems R203255D Neural Networks and Fuzzy Logic R203255E Introduction to Database Management R203255F	Water Conservation Management (R2032554)
CYBER SECURITY (59)	Machine Learning (R2032462) (Common to CSE(CS),CSE(IOT),CS)	Cryptography and Network Security (R2032461) (Common to IT,CSE(DS),CSE(AIDS),AIDS)	Introduction to Cyber Security (R2032463) (Common to CSE(CS),IOTCSIBCT,CS)	.....	<u>Open Elective (OE ID) :-</u> Web Services R203246B (Common to CSE(CS),IOTCSIBCT,CS)	.....
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)	Computer Networks (R2032421) (Common to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Deep Learning (R2032422) (Common to CSE(AIML), CSE(AI),AIML)	Design and Analysis of Algorithms (R2032423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<u>Professional Elective (PE) :-</u> Software Project Management R203242A (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Distributed Systems R203242B (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Internet of Things R203242C (Common to CSE(AIML),CSE(AI),AIML) Network Programming R203205D (Common to CSE,CSE(AIML),CSE(AI),AIML,CSD)	<u>Open Elective (OE ID) :-</u> MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)

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R K COLLEGE OF ENGINEERING
 III B.Tech II Sem (R20) Quiz-2 Examinations April/May-2024
Computer Lab-1

Date	ECE	MECH	CSE	AI&ML	EEE	CIVIL
	10.00 TO 10.30 AM	11.00 TO 11.30 AM	11.30 TO 12.30 PM	10.30 TO 11.00 AM	11.00 TO 11.30 AM	11.00 TO 11.30 AM
29.04.2024	MP&MC R2032041	HT R2032031	ML R2032051	CN R2032421	MP&MC R2032021	DDSS R2032011
30.04.2024	VLSI DESIGN R2032042	DMM-II R2031032	CD R2032052	DL R2032422	EM&I R2032021	WRE R2032012
01.05.2024	DSP R2032043	INT AI&ML R2032033	C&NS R2032053	DAA R2032423	PSA R2032023	GTE-II R2032013
02.05.2024	M&CC R203204B	AE R203203A	OOAD R203205C	SPM R203242A	S&P R203202D	TE R203201D
03.05.2024	FUEE R203202G	WRE R203201H	IOT R203204L	IOT R203204L	IOT R203204L	IAE R203203J


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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH - I SEMESTER (R20) ADVANCED SUPPLEMENTARY EXAMINATIONS, MAY - 2024

TIME TABLE

TIME : 02.00 PM TO 05.00 PM

Branch	DATE & DAY							
	09-05-2024 (Thursday)	10-05-2024 (Friday)	11-05-2024 (Saturday)	14-05-2024 (Tuesday)	15-05-2024 (Wednesday)	23-05-2024 (Thursday)	24-05-2024 (Friday)	25-05-2024 (Saturday)
Civil Engineering (01)	Universal Human Values-2: Understanding Harmony (R2041011) <i>(Common to CE, EEE, ME, ECE, CSE, IT, AME, MIE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)</i>	Professional Elective-III : Advanced Structural Engineering (R204101A)/ Bridge Engineering (R204101B)/ Structural Dynamics (R204101C)/ Urban Transportation Planning (R204101D)	Professional Elective-IV : Ground Improvement Techniques (R204101E)/ Geo-Spatial Technologies (R204101F)/ Disaster Management & Mitigation (R204101G)/ Soil dynamics & Machine Foundations (R204101H)	Professional Elective-V : Design & Drawing of Irrigation Structures (R204101I)/ Earth & Rock fill Dams (R204101J)/ Urban Hydrology (R204101K)/ SWAYAM / NPTEL /MOOCS COURSES (12 weeks duration) (R204101L)	Open Elective-III : Strength of Materials (R204101M)/ Fluid Mechanics (R204101N)/ Surveying and Geomatics (R204101O)/ Highway Engineering (R204101P)/ Safety Engineering (R204101Q)/ Environmental Management (R204101R)/ Urban Planning (R204101S)	Open Elective-IV : Elements of Civil Engineering (R204101T)/ Environmental Engineering (R204101U)/ Disaster Management (R204101V)/ Water Resource Engineering (R204101W)/ Hydraulics and Hydraulic Machinery (R204101X)/ Green Technologies (R204101Y)/ Remote Sensing and GIS (R204101Z)	.....	.....
Electrical & Electronics Engineering (02)	Universal Human Values-2: Understanding Harmony (R2041011) <i>(Common to CE, EEE, ME, ECE, CSE, IT, AME, MIE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)</i>	Professional Elective-III : Digital Signal Processing (R204102A)/ Renewable and Distributed Energy Technologies (R204102B)/ Flexible Alternating Current Transmission Systems (R204102C)/ Power Systems Deregulation (R204102D)/ Data Base Management Systems (R204102E)	Professional Elective-IV : Hybrid Electric Vehicles (R204102F)/ High Voltage Engineering (R204102G)/ Programmable Logic Controllers and Applications (R204102H)	Professional Elective-V : Power System Operation and Control (R204102I)/ Switched Mode Power Conversion (R204102J)/ AI Applications to Electrical Engineering (R204102K)	Open Elective-III : Concepts of Microprocessors and Microcontrollers (R204102L)/ Fundamentals of Electric Vehicles (R204102M)/ Concepts of Internet of Things (R204102N)	Open Elective-IV : Concepts of Power System Engineering (R204102O)/ Concepts of Smart Grid Technologies (R204102P)	Data Science (R204105R) <i>(Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)</i>	Deep Learning Techniques (R204105E) <i>(Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)</i> / MEAN Stack Technologies (R204105V) <i>(Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)</i> Cloud Computing with AWS (R204105W) <i>(Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)</i>

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH - I SEMESTER (R20) ADVANCED SUPPLEMENTARY EXAMINATIONS, MAY - 2024

TIME TABLE

TIME : 02.00 PM TO 05.00 PM

Branch	DATE & DAY							
	09-05-2024 (Thursday)	10-05-2024 (Friday)	11-05-2024 (Saturday)	14-05-2024 (Tuesday)	15-05-2024 (Wednesday)	23-05-2024 (Thursday)	24-05-2024 (Friday)	25-05-2024 (Saturday)
Mechanical Engineering (03)	Universal Human Values-2: Understanding Harmony (R2041011) <i>(Common to CE, EEE, ME, ECE, CSE, IT, AME, MIE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)</i>	Professional Elective-III : Mechanical Vibrations (R204103A)/ Operations Research (R204103B)/ Unconventional Machining Processes (R204103C)/ Computational Fluid Dynamics (R204103D)/ Gas Dynamics and Jet Propulsion (R204103E)/ MOOCs (NPTEL/Swayam) Course (12 Week duration) (R204103F)	Professional Elective-IV : Automation in Manufacturing (R204103G)/ Power Plant Engineering (R204103H)/ Big Data Analytics (R204103I)/ Production Planning and Control (R204103J)/ Condition Monitoring (R204103K)/ MOOCs (NPTEL/Swayam) Course (12 Week duration) (R204103L)	Professional Elective-V : Advanced Manufacturing Processes (R204103M)/ Refrigeration & Air-Conditioning (R204103O)/ Non Destructive Evaluation (R204103Q)/ MOOCs (NPTEL/Swayam) Course (12 Week duration) (R204103R)	Open Elective-III : Finite Element Methods (R204103S)/ Introduction to Artificial Intelligence & Machine Learning (R204103T)	Open Elective-IV : Optimization Techniques (R204103U)/ Smart Manufacturing (R204103V)/ Safety Engineering (R204103W)/ Operations Management (R204103X)	Mechatronics (R204103N) <i>(Common to FE-V & OE-3)</i> / Additive Manufacturing (R204103P) <i>(Common to FE-V & OE-3)</i>

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

IV B.TECH - I SEMESTER (R20) ADVANCED SUPPLEMENTARY EXAMINATIONS, MAY - 2024

TIME TABLE

TIME : 02.00 PM TO 05.00 PM

Branch	DATE & DAY							
	09-05-2024 (Thursday)	10-05-2024 (Friday)	11-05-2024 (Saturday)	14-05-2024 (Tuesday)	15-05-2024 (Wednesday)	23-05-2024 (Thursday)	24-05-2024 (Friday)	25-05-2024 (Saturday)
Electronics & Communication Engineering (04)	Universal Human Values-2: Understanding Harmony (R2041011) <i>(Common to CE, EEE, ME, ECE, CSE, IT, AME, MIE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)</i>	Professional Elective-III : Optical Communication (R204104A) / Digital Image Processing (R204104B) / Low Power VLSI Design (R204104C)	Professional Elective-IV : Satellite Communications (R204104D) / Soft Computing Techniques (R204104E) / Digital IC Design using CMOS (R204104F)	Professional Elective-V : Radar engineering (R204104G) / Pattern recognition & Machine Learning (R204104H) / Internet of Things (R204104I)	Open Elective-III : Basics of Signals and Systems (R204104J) / Electronic Measurements and Instrumentation (R204104K) / Principles of Signal Processing (R204104L) / Industrial Electronics (R204104M) / Consumer Electronics (R204104N) / Fundamentals of Microprocessors and Microcontrollers (R204104O) / Transducers and Sensors (R204104P) / IOT and Applications (R204104Q)	Open Elective-IV : Soft Computing Techniques (R204104R) / Principles of Communications (R204104T) / Basic Electronics (R204104U) / Data Communications (R204104V) / Digital Logic design (R204104W) / Remote Sensing and GIS (R204104X) / Bio Medical Instrumentation (R204104Y)	Open Elective-IV : IC Applications (R204104S)

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IV B.TECH - I SEMESTER (R20) ADVANCED SUPPLEMENTARY EXAMINATIONS, MAY - 2024

TIME TABLE

TIME : 02.00 PM TO 05.00 PM

Branch	DATE & DAY							
	09-05-2024 (Thursday)	10-05-2024 (Friday)	11-05-2024 (Saturday)	14-05-2024 (Tuesday)	15-05-2024 (Wednesday)	23-05-2024 (Thursday)	24-05-2024 (Friday)	25-05-2024 (Saturday)
Computer Science & Engineering (05)	<p>Universal Human Values-2: Understanding Harmony (R2041011) (Common to CE, EEE, ME, ECE, CSE, IT, AME, MIE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)</p>	<p>Professional Elective-III : Cloud Computing (R204105A) (Common to CSE, IT) / Neural Networks and Soft Computing (R204105B) / Ad-hoc and Sensor Networks (R204105C) / Cyber Security & Forensics (R204105D) (Common to CSE, IT)</p>	<p>Professional Elective-IV : Computer Vision (R204105G) (Common to CSE, CSE(AIDS), AIDS, CSD) / MOOCS-NPTEL/SWAYAM (R204105H)</p>	<p>Professional Elective-V : Wireless Network Security (R204105J) / Ethical Hacking (R204105K) (Common to CSE, IT) / MOOCS-NPTEL/SWAYAM (R204105L) / Block Chain Technologies (R204105I) (Common to CSE, IT)</p>	<p>Open Elective-III : API and Microservices (Job Oriented Course) (R204105M) / AI Tools & Techniques (R204105N) / Image Processing (R204105O) / Information Security (R204105P) / Mobile Application Development (R204105Q) / Cyber Security (R204105S) / Introduction to Internet of Things (R204105T) (Common to OE-III as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)</p>	<p>Open Elective-IV : Secure Coding Techniques (Job Oriented Course) (R204105U) / Block Chain Technologies (R204105X) / Introduction to Machine Learning (R204105Z) / Machine Learning with Python (R2041051) (Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)</p>	<p>Social Network And Semantic Web (Job Oriented Course) (R204105F) (Common to CSE, PE-IV & CSE(IOTCSIBCT) OE-3) / Data Science (R204105R) (Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)</p>	<p>Deep Learning Techniques (R204105E) (Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4) / MEAN Stack Technologies (R204105V) / Cloud Computing with AWS (R204105W) (Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4) / Cryptography and Network Security (R204105Y) (Common to CSE(AIML), CSE(AI), AIML, CSD PE-III & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)</p>
Information Technology (12)	<p>Universal Human Values-2: Understanding Harmony (R2041011) (Common to CE, EEE, ME, ECE, CSE, IT, AME, MIE, AgriE, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), CSE(CS), CSE(IOTCSIBCT), CSE(IOT), FE, AIDS, CS, AIML, CSD)</p>	<p>Professional Elective-III : Cloud Computing (R204105A) (Common to CSE, IT) / Cyber Security & Forensics (R204105D) (Common to CSE, IT) / Artificial Neural Networks (R204112A) / Internet of Things (IoT) (R204112B)</p>	<p>Professional Elective-IV : Advanced Databases (R204112D) / MOOCS-NPTEL/SWAYAM (R204112E) / Social Networks Analysis (R204112C)</p>	<p>Professional Elective-V : M-Commerce (R204112F) / Ethical Hacking (R204105K) (Common to CSE, IT) / MOOCS-NPTEL/SWAYAM (R204112G) / Block Chain Technologies (R204105I) (Common to CSE, IT)</p>	<p>Open Elective-III : AI Tools & Techniques (R204105N) / Image Processing (R204105O) / Information Security (R204105P) / Mobile Application Development (R204105Q) / Cyber Security (R204105S) / Introduction to Internet of Things (R204105T) (Common to OE-III as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)</p>	<p>Open Elective-IV : Block Chain Technologies (R204105X) / Introduction to Machine Learning (R204105Z) / Machine Learning with Python (R2041051) (Common to OE-IV as CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD)</p>	<p>Data Science (R204105R) (Common to EEE PE-V & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-3)</p>	<p>Deep Learning Techniques (R204105E) (Common to EEE, CSE, IT, PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4) / MEAN Stack Technologies (R204105V) / Cloud Computing with AWS (R204105W) (Common to EEE PE-IV & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4) / Cryptography and Network Security (R204105Y) (Common to CSE(AIML), CSE(AI), AIML, CSD PE-III & CSE, IT, CSE(AIML), CSE(AI), CSE(DS), CSE(AIDS), AIDS, AIML, CSD OE-4)</p>

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II B.TECH II SEMESTER (R20)

UNIVERSITY EXAMINATION CENTER, KAKINADA

II B.TECH II SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, APRIL/MAY-2024

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	29-04-2024 (Monday)	01-05-2024 (Wednesday)	03-05-2024 (Friday)	09-05-2024 (Thursday)	11-05-2024 (Saturday)	14-05-2024 (Tuesday)
CIVIL ENGINEERING (01-CE)	Complex Variables and Statistical Methods R2022011 (Comm to CE,ME,AME,MM)	Strength of Materials -II R2022012	Hydraulics and Hydraulic Machinery R2022013	Environmental Engineering R2022014	Managerial Economics & Financial Analysis R2022015 (Comm to CE,EEE,EIE,ECT,AGE,FE)	Pre Stressed Concrete R202201A
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	Python Programming R2022021 (Common to EEE, FE)	Digital Electronics R2022022	Power System-I R2022023	Induction and Synchronous Machines R2022024	Managerial Economics & Financial Analysis R2022015 (Comm to CE,EEE,EIE,ECT,AGE,FE)	Electrical Distribution Systems R202202A
MECHANICAL ENGINEERING (03-ME)	Complex Variables and Statistical Methods R2022011 (Comm to CE,ME,AME,MM)	Material Science & Metallurgy R2022031	Dynamics of Machinery R2022032	Thermal Engineering-I R2022033	Industrial Engineering and Management R2022034	Alternative Fuels Technologies R202203A
ELECTRONICS & COMMUNICATION ENGINEERING (04-ECE)	Electronic Circuit Analysis R2022041 (Comm to ECE,EIE,ECT)	Digital IC Design R2022042	Analog Communications R2022043 (Common to ECE,ECT)	Linear Control Systems R2022044 (Common to ECE,EIE)	Management and Organizational Behavior R2022045 (Common to ECE, PE)	Electronic Devices and Basic Circuits R202204AT CMOS Analog IC Design R202204B

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COMPUTER SCIENCE & ENGINEERING (05-CSE)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AIML,CSD)	Database Management Systems R2022052 (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Java Programming R2022054 (Common to CSE,IT,CSE(CSBS),CS)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)	Operating Systems R202205AT , Data Visualization R202205B , Principles of Cyber Security R202205C , Mathematics for Machine Learning R202205D Internet of Things R202205E
COMPUTER SCIENCE & TECHNOLOGY (06)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AIML,CSD)	Database Management Systems R2022052 (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture R2022061 (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)	.....
ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)	Electronic Circuit Analysis R2022041 (Comm to ECE,EIE,ECT)	Microprocessor and Microcontrollers R2022101	Integrated Circuits and applications R2022102	Linear Control Systems R2022044 (Common to ECE,EIE)	Managerial Economics & Financial Analysis R2022015 (Comm to CE,EEE,EIE,ECT,AGE,FE)

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II B.TECH II SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, APRIL/MAY-2024

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INFORMATION TECHNOLOGY (12-IT)	Statistics with R R2022121	Principles of Software Engineering R2022122	Automata Theory and Compiler Design R2022123	Java Programming R2022054 (Common to CSE,IT,CSE(CSBS),CS)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOT CSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
ELECTRONICS & COMMUNICATION	Electronic Circuit Analysis R2022041 (Comm to ECE,EIE,ECT)	Computer Architecture and Organization R2022141	Analog Communications R2022043 (Common to ECE,ECT)	Electromagnetic Waves and Transmission Lines R2022142	Managerial Economics & Financial Analysis R2022015 (Comm to CE,EEE,EIE,ECT,AGE,FE)	.....
AUTO MOBILE ENGINEERING (24-AME)	Complex Variables and Statistical Methods R2022011 (Comm to CE,ME,AME,MM)	Applied Thermodynamics R2022241	Automobile Engines R2022242	Automobile Electrical and Electronics R2022243	Operations Research R2022244	.....
MINING ENGINEERING (26-MM)	Complex Variables and Statistical Methods R2022011 (Comm to CE,ME,AME,MM)	Fluid Mechanics and Hydraulic Power R2022261	Rock Mechanics R2022262	Mine Ventilation R2022263	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOT CSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)	.....
PETROLEUM ENGINEERING/PE TROLEUM TECHNOLOGY (27-PE)	Mathematics -IV R2022271	Instrumentation, Process Dynamics & Control R2022272	Thermodynamics for Petroleum Engineers R2022273	Drilling & Well Completions R2022274	Management and Organizational Behavior R2022045 (Common to ECE, PE)

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AGRICULTURAL ENGINEERING (35-AGE)	Heat and Mass Transfer R2022351	Ground Water Hydrology, Well and Pumps R2022352	Theory of Structures R2022353	Soil Mechanics R2022354	Managerial Economics & Financial Analysis R2022015 <small>(Comm to CE,EEE,EIE,ECT,AGE,FE)</small>
CSE (Artificial Intelligence and Machine Learning) (42)	Probability and Statistics R2022051 <small>(Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AIML,CSD)</small>	Computer Organization R2022421 <small>(Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)</small>	Formal Languages and Automata Theory R2022053 <small>(Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)</small>	Data Warehousing and Mining R2022422 <small>(Comm to CSE(AIML),ALDS,CSE(AIDS),AIDS,IOTAIML,CSD)</small>	Managerial Economics and Financial Accountancy R2022055 <small>(Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)</small>	.....
CSE (Artificial Intelligence) (43)	Probability and Statistics R2022051 <small>(Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AIML,CSD)</small>	Computer Organization R2022421 <small>(Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)</small>	Formal Languages and Automata Theory R2022053 <small>(Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)</small>	Data Warehousing and Mining R2022422 <small>(Comm to CSE(AIML),ALDS,CSE(AIDS),AIDS,IOTAIML,CSD)</small>	Managerial Economics and Financial Accountancy R2022055 <small>(Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)</small>

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CSE (Data Science) (44)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AIML,CSD)	Computer Organization R2022421 (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Data Warehousing and Mining R2022422 (Comm to CSE(AIML),AIDS,CSE(AIDS),AIDS,IOTAIML,CSD)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
CSE (Artificial Intelligence and Data Science) (45)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AIML,CSD)	Computer Organization R2022421 (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Data Warehousing and Mining R2022422 (Comm to CSE(AIML),AIDS,CSE(AIDS),AIDS,IOTAIML,CSD)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)	.....
CSE (Cyber Security) (46)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AIML,CSD)	Database Management Systems R2022052 (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),IOT)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture R2022061 (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)

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CSE (Internet of things and Cyber security including Block chain Technology) (47)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,AIML)	Database Management Systems R2022052 (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture R2022061 (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AI,ML,CSD)
CSE (Computer Science and Business System) (48)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IOT,AIML,CSD)	Database Management Systems R2022052 (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Operating Systems R2022481 (Common to CSE(CSBS), CS)	Java Programming R2022054 (Common to CSE,IT,CSE(CSBS),CS)	Fundamentals of Economics R2022482	.....
CSE (Internet of Things) (49)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IOT,AIML,CSD)	Database Management Systems R2022052 (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture R2022061 (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)	.....
FOOD ENGINEERING (51)	Python Programming R2022021 (Common to EEE, FE)	Principles of Food Engineering - II R2022511	Food Chemistry R2022512	Processing of Cereals, Pulses and Oilseeds R2022513	Managerial Economics & Financial Analysis R2022015 (Common to CE,EEE,EIE,ECT,AGE,FE)

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BRANCH	DAY & DATE					
	29-04-2024 (Monday)	01-05-2024 (Wednesday)	03-05-2024 (Friday)	09-05-2024 (Thursday)	11-05-2024 (Saturday)	14-05-2024 (Tuesday)
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AI),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AI,ML,CSD)	Computer Organization R2022421 (Common to CSE(AI),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI,ML)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AI),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AI,ML,IOT)	Data Warehousing and Mining R2022422 (Common to CSE(AI),AIDS,CSE(AIDS),AIDS,IOT,AI,ML,CSD)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AI),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AI,ML,CSD)	.....
PHARMACEUTICAL ENGINEERING (55)	Heat Transfer for Pharmaceutical Engineers R2022551	Physical Pharmaceutics R2022552	Principles of Microbiology and Biochemistry R2022553	Reaction Engineering for Pharmaceutical Engineers R2022554	Anatomy and Physiology R2022555	.....
CYBER SECURITY (59)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AI),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AI,ML,CSD)	Database Management Systems R2022052 (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AI),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AI,ML,IOT)	Computer Organization & Architecture R2022061 (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AI),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AI,ML,CSD)	.....
INTERNET OF THINGS (60)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AI),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AI,ML,CSD)	Database Management Systems R2022052 (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AI),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AI,ML,IOT)	Computer Organization & Architecture R2022061 (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AI),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AI,ML,CSD)

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

II B.TECH II SEMESTER (R20)

II B.TECH II SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, APRIL/MAY-2024

TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DAY & DATE					
	29-04-2024 (Monday)	01-05-2024 (Wednesday)	03-05-2024 (Friday)	09-05-2024 (Thursday)	11-05-2024 (Saturday)	14-05-2024 (Tuesday)
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AI ML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AI ML,CSD)	Computer Organization R2022421 (Common to CSE(AI ML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI ML)	Formal Languages and Automata Theory R2022053 (Common to CSE,CST,CSE(AI ML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AI ML,IOT)	Data Warehousing and Mining R2022422 (Comm to CSE(AI ML),AI,DS,CSE(AIDS),AIDS,IOTAI ML,CSD)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AI ML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AI ML,CSD)	.....
COMPUTER SCIENCE AND DESIGN (62)	Probability and Statistics R2022051 (Common to CSE,CST,CSE(AI ML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AI ML,CSD)	Computer Organization R2022421 (Common to CSE(AI ML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI ML)	Visual Design and Communication R2022621	Data Warehousing and Mining R2022422 (Comm to CSE(AI ML),AI,DS,CSE(AIDS),AIDS,IOTAI ML,CSD)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE,CST,IT,MM,CSE(AI ML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AI ML,CSD)	.....

NOTE:

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- (iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

Date: 22-04-2024

H. R. K. K.
Controller of Examinations (UG)

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M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, APRIL - 2024

TIME TABLE

TIME: 10.00 AM to 12.00 NOON

BRANCH & SPECIALIZATION	15-04-2024 (Monday)	16-04-2024 (Tuesday)	18-04-2024 (Thursday)	19-04-2024 (Fri day)
Civil Transportation Engineering (22)	Pavement Analysis and Design (N2201)	Transportation Planning (N2202)	Elective-III Pavement Construction (N2203), Environmental Impact Assessment (N2204), Traffic Flow Analysis (N2205)	Elective-IV Geosynthetics and Reinforced Earth Structures (N2206), Highway Safety Engineering (N2207), Intelligent Transportation System (N2208)
Civil Structural Engineering (87), Structural Design (85)	Finite Element Methods in Structural Engineering (N8701)	Theory of Plates and Shells (N8702)	Elective-III Stability of Structures (N8703), Advanced Steel Design (N8704), Analysis of Offshore Structures (N8705)	Elective-IV Earthquake Resistant Design of Buildings (N8706), Precast and Prefabricated Structures (N8707), Earth Retaining Structures (N8708)
Civil Soil Mechanics & Foundation Engineering / Geo-Technical Engineering (19)/(20)	Advanced Foundation Engineering (N2001)	Earth Retaining Structures (N2002)	Elective-III Pavement Analysis Design & Evaluation (N2201), Construction Planning & Methods (N2003), Geotechnical Earthquake Engineering (N2004)	Elective-IV Earth Dams (N2005) Construction in Expansive Soils (N2006), Numerical Methods in Geotechnical Engineering (N2007)
Civil Highway Engineering (23)	Pavement Analysis & Design (N2201)	Pavement Construction, Maintenance & Management (N2301)	Elective - III Highway Safety Engineering (N2207), Land use and Transportation Modeling (N2302), Transportation System Management (N2303)	Elective-IV Environmental Impact Assessment for Transportation Projects (N2304), GIS Applications in Transportation Engineering (N2305) Highway Project Formulation and Economics (N2306)


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UNIVERSITY EXAMINATION CENTER, KAKINADA

M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, APRIL - 2024


TIME TABLE


TIME: 10.00 AM to 12.00 NOON

BRANCH & SPECIALIZATION	15-04-2024 (Monday)	16-04-2024 (Tuesday)	18-04-2024 (Thursday)	19-04-2024 (Fri day)
Civil Computer aided Structural Analysis and Design (35)	Finite Element Methods in Structural Engineering (N8701)	CAD & Computer Applications in Structural Engineering (N3501)	Elective – III Stability of Structures (N8703) Advanced Steel Design (N8704) Analysis of Shells and Folded Plates (N3502)	Elective-IV Earthquake Resistant Design of Buildings (N8706) Precast and Prefabricated Structures (N8707) Management Information Systems (N3503)
Environmental Engineering (86)	Air and Noise Pollution Control (N8601)	Solid and Hazardous Waste Management (N8602)	Elective – III Environmental Impact Assessment (N8603) Green Technologies (N8604) Environmental System Analysis (N8605)	Elective-IV Disaster Management (N8606) Occupational and Environmental Health (N8607) Air Quality Modelling and Management (N8608)

- NOTE: (i) If Government declares holiday on any of the above dates, the examinations will be conducted as usual
(ii) Any omissions or clashes in this Time Table may please be informed to the Controller of Examinations immediately.
(iii) The Principals are requested to inform the University, if any other substitute subjects that are not included in the above time table immediately

Date: 03-04-2024


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UNIVERSITY EXAMINATION CENTER, KAKINADA


M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, APRIL - 2024

TIME TABLE

TIME: 10.00 AM to 12.00 NOON

BRANCH & SPECIALIZATION	15-04-2024 (Monday)	16-04-2024 (Tuesday)	18-04-2024 (Thursday)	19-04-2024 (Fri day)
CSE Computer Science (05)	Advance Algorithms (N5901)	Data Science through Python Programming (N0501)	Elective – III Machine Learning (N5801) Ad hoc and Sensor Networks (N5804) Internet of Things (N5903)	Elective – IV Cryptography and network Security (N0502) Cloud Computing (N5806) Web Technologies (N0503)
CSE Software Engineering (25)	Service Oriented Architecture (N2501)	Mathematical Foundations of Computer Science (N2502)	Elective – III Software Testing Methodologies (N2503) Agile Software Development (N2504) ERP & Supply Chain Management (N2505)	Elective – IV Secure Software Engineering (N2506) Big Data Analytics (N2507) Design patterns (N2508)
CSE Cyber Security (26)	Vulnerability Assessment & Penetration Testing (N8407)	Malware Analysis & Reverse Engineering (N2601)	Elective – III Cloud and IoT Security (N8408) Machine Learning (N5801) Data Privacy (N2602)	Elective – IV Applied Cryptography (N8409) Principles of Secure Coding (N2603) Security Assessment and Risk Analysis (N2604)
CSE Information Technology (40)	Advanced Algorithms (N5901)	Full Stack Technologies (N5907)	Elective – III Machine Learning (N5801) DevOps (N4001) Advanced Network Principles and Protocols (N5902) Distributed Computing (N4002) Social Network Analytics (N4003)	Elective – IV Digital Image Processing (N4004) Block Chain Technologies (N4005) Data Science (N4006) Soft Computing (N5805) Natural Language Processing (N5906)


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UNIVERSITY EXAMINATION CENTER, KAKINADA

M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, APRIL - 2024

TIME TABLE

TIME: 10.00 AM to 12.00 NOON

BRANCH & SPECIALIZATION	15-04-2024 (Monday)	16-04-2024 (Tuesday)	18-04-2024 (Thursday)	19-04-2024 (Fri day)
CSE Neural Networks (69)	Soft Computing (N5805)	Deep Learning (N6901)	Elective – III Computer Vision (N6902) Big Data Analytics (N6903) Remote Sensing (N6904)	Elective – IV Cognitive Systems (N6905) Knowledge Discovery (N6906) Natural Language Processing (N5906)
CSE Computer Networks & Information Security (84)	Principles of Cyber Security (N8401)	Cyber Crime Investigation & Digital Forensics (N8402)	Elective – III Wireless and Mobile Security (N8403) Android Security Design and Internals (N8404) Firewall and VPN Security (N8405) Information Theory & Coding (N8406)	Elective – IV Vulnerability Assessment & Penetration Testing (N8407) Cloud & IoT Security (N8408) Applied Cryptography (N8409) Secure Coding (N8410)
CSE Computer Science & Technology (59)	Advanced Algorithms (N5901)	Machine Learning (N5801)	Elective – III Soft Computing (N5805), Advanced Network Principles and Protocols (N5902), Internet of Things (N5903), Open Source Programming (N5904), Pattern Recognition (N5905)	Elective – IV Natural Language Processing (N5906), Full Stack Technologies (N5907), Parallel Algorithms (N5908), Object Oriented Software Engineering (N5909), Distributed Database (N5910)
CSE Computer Science & Engineering (58)	Machine learning (N5801)	MEAN Stack Technologies (N5802)	Elective – III Advanced Databases and Mining (N5803), Ad Hoc & Sensor Networks (N5804), Soft Computing (N5805)	Elective – IV Cloud Computing (N5806), Principles of computer security (N5807), High Performance Computing (N5808)


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M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, APRIL - 2024

TIME TABLE

TIME: 10.00 AM to 12.00 NOON

BRANCH & SPECIALIZATION	15-04-2024 (Monday)	16-04-2024 (Tuesday)	18-04-2024 (Thursday)	19-04-2024 (Fri day)
CSE Computer Networks (94)	Network Security (N9401)	Wireless Sensor Networks (N9402)	Elective – III Web Security (N9403), Internet of Things (N5903), Intrusion Detection & Prevention Systems (N9404)	Elective – IV Firewall & VPN Security (N9405), Machine Learning (N9406), Service Oriented Architecture (N9407)
CSE Data Science (88)	Advance Algorithms (N5901)	Machine Learning Techniques (N5801)	Elective – III Natural Language Processing(N8801), High Performance Computing (N5808), Cloud Computing (N5806)	Elective – IV Principles of Deep Learning (N8802), Image and Video Analytics (N8803), Principles of Data Security (N8804)

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Date: 03-04-2024

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UNIVERSITY EXAMINATION CENTER, KAKINADA


M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, APRIL - 2024

TIME TABLE

TIME: 10.00 AM to 12.00 NOON

BRANCH & SPECIALIZATION	15-04-2024 (Monday)	16-04-2024 (Tuesday)	18-04-2024 (Thursday)	19-04-2024 (Fri day)
Mechanical Thermal Engineering (21)	Advanced Heat and Mass Transfer (N2101)	Thermal Measurements and Process Controls (N2102)	Elective-III Equipment Design for Thermal Systems (N2103) Solar Energy Technologies (N2104), Advanced Power Plant Engineering (N2105), Combustion, Emissions and Environment (N2106)	Elective-IV Jet Propulsion and Rocket Engineering (N2107), Automotive Engineering (N2108), Modeling of I.C engines (N2109), Renewable Energy Technologies (N2110)
Mechanical Thermal Sciences and Energy Systems (18)	Solar Energy and Fuel Cell Technologies (N1801)	Energy Conservation and Management (N1802)	Elective-III Energy Systems Modeling and Analysis (N1803), Energy Economics and Planning (N1804), Optimization Techniques and Applications (N1805), Biomass, Wind and Ocean Energy (N1806)	Elective-IV Waste Heat Recovery Systems (N1807), Design of Heat Transfer Equipment (N1808), Combustion, Emissions and Environment (N1809), Green Buildings (N1810)
Mechanical Machine Design/Mechanical Engineering Design (15)/(14)	Advanced Finite Element Methods (N1303)	Advanced Machine Design (N1501)	Elective-III Theory of Plasticity (N1502), Signal Analysis and Condition Monitoring (N1503), Computational Fluid Dynamics (N1504), Composite Materials (N1505), Soft Computing (N1506), Computer Aided Mechanical Design and Analysis (N1401)	Elective-IV Experimental Techniques and data analysis (N1507), Design with advanced Materials (N1508), Mechatronics (N1509), Tribology (N1510), Experimental Modal Analysis (N1511)


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M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, APRIL - 2024

TIME TABLE

TIME: 10.00 AM to 12.00 NOON

BRANCH & SPECIALIZATION	15-04-2024 (Monday)	16-04-2024 (Tuesday)	18-04-2024 (Thursday)	19-04-2024 (Fri day)
Mechanical CAD/CAM (04)	Theory of Elasticity and Plasticity (N0901)	Advanced Manufacturing Processes (N0401)	Elective-III Advanced Finite Element Methods (N1303) Fracture mechanics (N0903) Product Design and Development (N0904)	Elective-IV Materials Characterization Techniques (N0905) Optimization & Reliability (N0906), Additive Manufacturing (N0907)
Mechanical Advanced Manufacturing Systems (17)	Simulation of Manufacturing Systems (N1701)	Computer Integrated Manufacturing (N1302)	Elective-III Finite Element Methods (N1303), Concurrent Engineering (N1304), MEMS & Micro systems (N1305)	Elective-IV Production and Operation Management (N1306), Advanced CNC Technologies (N1307), Supply Chain Management (N1308)
Computer Aided Design & Manufacturing (09)	Theory of Elasticity and Plasticity (N0901)	Advanced Manufacturing Processes (N0902)	Elective-III Advanced Finite Element Methods (N1303), Fracture mechanics (N0903), Product Design and Development (N0904)	Elective-IV Materials Characterization Techniques (N0905), Optimization & Reliability (N0906), Additive Manufacturing (N0907)
Mechanical Advanced Manufacturing and Mechanical System Design (13)	Advanced Manufacturing Processes-II (N1301)	Computer Integrated Manufacturing (N1302)	Elective - III Finite Element Methods (N1303), Concurrent Engineering (M1304), MEMS & Micro systems (N1305)	Elective - IV Production and Operation Management (N1306), Advanced CNC Technologies (N1307), Supply Chain Management (N1308)


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UNIVERSITY EXAMINATION CENTER, KAKINADA

M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, APRIL - 2024

TIME TABLE


TIME: 10.00 AM to 12.00 NOON

BRANCH & SPECIALIZATION	15-04-2024 (Monday)	16-04-2024 (Tuesday)	18-04-2024 (Thursday)	19-04-2024 (Fri day)
Automobile Engineering (AA)	Vehicle Body Engineering (NAA01)	Vehicle Dynamics (NAA02)	Elective III Noise, Vibrations and Harshness (NAA03), Condition Monitoring (NAA04), Automotive Air-Conditioning Systems (NAA05), Automotive System Components Design (NAA06)	Elective IV Advanced Metal Forming (NAA07), Automotive Safety and Maintenance (NAA08), Advanced Finite Element Methods (N1303), Vehicle Control Systems (NAA09), Simulation of Vehicle Systems (NAA10)
Mechanical Computer Aided Analysis & Design (16)	Optimization and Reliability (N0906)	Advanced Mechanisms (N1601)	Elective III Fracture mechanics (N0903), Advanced Finite Element Methods (N1303), Design for Manufacturing (N1602)	Elective IV Industrial Robotics (N1603), Tribology in Design (N1510), Rapid Prototyping & Tool Design (N1604)
Mechanical Mining Engineering (BB)	Mine Safety Management (NBB01)	Mine Ventilation and Planning (NBB02)	Elective III Surface Mine Environmental Engineering (NBB03), Mine System Engineering (NBB04), Sustainable Mining Industry (NBB05)	Elective IV Geo- Statistics (NBB06), Advance Underground Mine Planning and Design (NBB07), Numerical Methods in Geotechnical Engineering (NBB08)
Petroleum Engineering (08)	Artificial Lift Techniques. (N0801)	Reservoir Modeling & Simulation. (N0802)	Elective III Advanced EOR Techniques (N0803), Advanced well completions (N0804)	Elective IV Flow Assurance (N0805), Advanced horizontal well technology (N0806)

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Date: 03-04-2024


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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, APRIL - 2024

TIME TABLE

TIME: 10.00 AM to 12.00 NOON

BRANCH & SPECIALIZATION	15-04-2024 (Monday)	16-04-2024 (Tuesday)	18-04-2024 (Thursday)	19-04-2024 (Fri day)
ECE VLSI&EMBEDED SYSTEMS/ EMBEDED SYSTEMS & VLSI /VLSID&ES/ES&VLSI ID (68,48,77,81)	Analog and Digital CMOS VLSI Design (N6801)	Real Time Operating Systems (N5502)	Elective-III Memory Architectures (N5503) SoC Design (N5504) Low power VLSI Design (N6802)	Elective-IV Communication Buses and Interfaces (N5506) Network Security and Cryptography (N5507) Physical design automation (N5508)
ECE VLSI/ VLSI Design/ VLSI System Design/ VLSI & Micro Electronics (57,72,61,76)	Mixed Signal & RF IC Design (N5701)	Physical Design Automation (N5508)	Elective-III Design For Testability (N5702), IOT & its Applications (N0601), VLSI Signal Processing (N5703)	Elective-IV Network Security & Cryptography (N5507), Microcontrollers & programmable Digital Signal Processors (N5704), Low Power VLSI Design (N5705)
ECE Communication Engineering & Signal Processing/ Communication & Signal Processing (46,80)	Pattern Recognition and Machine Learning (N4601)	Detection and Estimation Theory (N4602)	Elective-III IOT and Applications (N4603) Wireless Sensors Networks (N4604) Soft Computing Techniques (N4605)	Elective-IV Smart Antennas (N4606) Biomedical Signal Processing (N4607) Optical Networks (N4608)
ECE Embedded Systems (55)	Digital System Design (N5501)	Real Time Operating Systems (N5502)	Elective-III Memory Architectures (N5503) SoC Design (N5504) Sensors & Actuators (N5505)	Elective-IV Communication Buses and Interfaces (N5506) Network Security and Cryptography (N5507) Physical design automation (N5508)

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA


M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, APRIL - 2024

TIME TABLE

TIME: 10.00 AM to 12.00 NOON

BRANCH & SPECIALIZATION	15-04-2024 (Monday)	16-04-2024 (Tuesday)	18-04-2024 (Thursday)	19-04-2024 (Fri day)
ECE Digital Systems & Computer Electronics (DSCE) (06)	Internet Of Things & Applications (N0601)	DSP Processors & Architecture (N4706)	Elective-III System On Chip Design (N0602) Soft Computing Techniques (N4605) Cyber Security (N4704)	Elective-IV Embedded Real Time Operating Systems (N0603) High Speed Networks (N0604) EMI/EMC (N3703)
ECE Digital Electronics & Communication Engineering/Digital Electronics And Communication Systems/ Electronics & Communication Engineering (37,38,70)	Image and Video Processing (N4702)	Wireless Communications and Networks (N4701)	Elective-III CMOS Analog & Digital IC Design (N3701) Advanced Computer Architecture (N3702) Soft Computing Techniques (N4605)	Elective-IV DSP Processors and Architectures (N4706) EMI/ EMC (N3703) Object Oriented Programming (N3704)
ECE Communication Systems (47)	Wireless Communications and Networks (N4701)	Image and Video Processing (N4702)	Elective-III Soft Computing Techniques (N4605), Internet Protocols (N4703), Cyber Security (N4704)	Elective-IV Optical Networks (N4705), DSP Processors and Architectures (N4706), Radio and Navigational Aids (N4707)


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UNIVERSITY EXAMINATION CENTER, KAKINADA

M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, APRIL - 2024

TIME TABLE

TIME: 10.00 AM to 12.00 NOON

BRANCH & SPECIALIZATION	15-04-2024 (Monday)	16-04-2024 (Tuesday)	18-04-2024 (Thursday)	19-04-2024 (Fri day)
ECE System Signal Processing/Digital Image Processing (45,63)	Pattern Recognition and Machine Learning (N4601)	Detection and Estimation Theory (N4602)	Elective-III IOT and Applications (N4603) Wireless Sensors Networks (N4604) Soft Computing Techniques (N4605)	Elective-IV Audio/Vedio coding and compression (N4501) Biomedical Signal Processing (N4607) Optical Networks (N4608)

- NOTE: (i) If Government declares holiday on any of the above dates, the examinations will be conducted as usual
(ii) Any omissions or clashes in this Time Table may please be informed to the Controller of Examinations immediately.
(iii) The Principals are requested to inform the University, if any other substitute subjects that are not included in the above time table immediately

Date: 03-04-2024

Controller of Examinations (PG)

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, APRIL - 2024

TIME TABLE

TIME: 10.00 AM to 12.00 NOON

BRANCH & SPECIALIZATION	15-04-2024 (Monday)	16-04-2024 (Tuesday)	18-04-2024 (Thursday)	19-04-2024 (Fri day)
<p>EEE</p> <p>Power Systems/ Power System Control and Automation/ Electrical Power Engineering/Electrical Power Systems/Power System Engineering/PS & C/Advanced Power System (50)/Power Engineering & Energy/ Systems/ Power System & Automation</p> <p>(56,53,50,60,65,30,31,66)</p>	<p>Power System Dynamics and Stability (N9904)</p>	<p>Real Time Control of Power Systems (N9901)</p>	<p>Elective-III EHVAC Transmission (N6207) Flexible AC Transmission Systems (N6206) Hybrid Electric Vehicles (N4304)</p>	<p>Elective-IV Generation & Measurement of High Voltages (N5601) Evolutionary Algorithms and Applications (N5602) Programmable Logic Controllers & Applications (N5603)</p>
<p>EEE</p> <p>Power Electronics/ Power and Industrial Drives/ Power Electronics and Electrical Drives/ Power Electronics and Drives/ Electrical Machines and Drives/Power Electronics & Systems</p> <p>(43,42,54,52,44,12)</p>	<p>Switched Mode Power Conversion (N4301)</p>	<p>Power Electronic Control of Electrical Drives (N4302)</p>	<p>Elective-III Control & Integration of Renewable Energy Systems (N4303) Hybrid Electric Vehicles (N4304) Digital Control Systems (N4305)</p>	<p>Elective-IV Advanced Digital Signal Processing (N9503) Applications of Power Converters (N4306) Microcontrollers (N4307)</p>
<p>EEE</p> <p>Power Electronics & Power Systems</p> <p>(99)</p>	<p>Switched Mode Power Conversion (N4301)</p>	<p>Real Time Control of Power Systems (N9901)</p>	<p>Elective-III Electrical Machine Modeling & Analysis (N9902), DSP Controlled Drives (N9903), Application of Power Conversion (N4306)</p>	<p>Elective-IV EHVAC Transmission (N6207), Flexible AC Transmission Systems (N6206), Power System Dynamics & Stability (N9904)</p>

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

M.TECH II SEMESTER (R19 REGULATION) I MID EXAMINATIONS, APRIL - 2024


TIME TABLE



TIME: 10.00 AM to 12.00 NOON

BRANCH & SPECIALIZATION	15-04-2024 (Monday)	16-04-2024 (Tuesday)	18-04-2024 (Thursday)	19-04-2024 (Fri day)
EEE High Voltage Engineering/ Power Systems with Emphasis on High Voltage Engineering (62,29)	High Voltage Testing Techniques (N6201)	Surge Phenomenon & Insulation Coordination (N6202)	Elective-III Partial Discharge in HV Equipment (N6203), Gas Insulated Systems and Substations (N6204), Pulse Power Engineering (N6205)	Elective-IV Flexible AC Transmission Systems (N6206), EHVAC Transmission (N6207), Smart Grid Technologies (N6208)
EEE Control Systems/Control Engineering (95,28)	Non-Linear Systems Analysis (N9501)	Optimal Control Theory (N9502)	Elective-III Digital Signal Processing (N9503), Robotics and Control (N9504), Large scale systems (N9505)	Elective-IV Process Control and Automation (N9506), Decision and Estimation Theory (N9507), Embedded Computer Control (N9508)
EEE High Voltage Power Systems Engineering (64)	High Voltage Testing Techniques (N6201)	Surge Phenomenon & Insulation Coordination (N6202)	Elective-III Partial Discharge in HV Equipment (N6203), Gas Insulated Systems and Substations (N6204), Pulse Power Engineering (N6205)	Elective-IV Flexible AC Transmission Systems (N6206), EHVAC Transmission (N6207), Smart Grid Technologies (N6208)

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Date: 03-04-2024


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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH II SEMESTER (R20) REGULAR/SUPPLEMENTARY EXAMINATIONS, MAY/JUNE-2024

TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY					
	24-05-2024 (Friday)	27-05-2024 (Monday)	01-06-2024 (Saturday)	03-06-2024 (Monday)	05-06-2024 (Wednesday)	07-06-2024 (Friday)
CIVIL ENGINEERING (01 CE)	Design And Drawing of Steel Structures (R2032011)	Water Resource Engineering (R2032012)	Geotechnical Engineering-II (R2032013)	Professional Elective (PE- II) :- Advanced Structural Analysis R203201A Architecture and Town Planning R203201B Road Safety Engineering R203201C Traffic Engineering R203201D	Open Elective (OE II) :- Elements of Civil Engineering R203201E Environmental Engineering R203201F Disaster Management R203201G Water Resource Engineering R203201H Hydraulics and Hydraulic Machinery R203201I Green Technologies R203201J Remote Sensing and GIS R203201K (Common to CE,MM)	Earthquake Resistant Design R203201L
ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)	Microprocessors and Microcontrollers (R2032021)	Electrical Measurements and Instrumentation (R2032022)	Power System Analysis (R2032023)	Professional Elective (PE) :- Signal and Systems R203202A Electric Drives R203202B Advanced Control Systems R203202C Switchgear and Protection R203202D Big Data Analytics R203202E	Open Elective (OE II) :- Battery Management Systems and Charging Stations R203202F Fundamentals of utilization of Electrical Energy R203202G Indian Electricity Act R203202H	HVDC Transmission R203202I
MECHANICAL ENGINEERING (03 ME)	Heat Transfer (R2032031)	Design of Machine Members-II (R2031032)	Introduction to Artificial Intelligence and Machine Learning (R2032033)	Professional Elective (PE) :- Automobile Engineering R203203A Smart Manufacturing R203203B Advanced Mechanics of Solids R203203C Statistical Quality Control R203203D Industrial Hydraulics and Pneumatics R203203E	Open Elective (OE II) :- Industrial Robotics R203203G Essentials of Mechanical Engineering R203203H Advanced Materials R203203I Introduction to Automobile Engineering R203203J	Advanced Computational Fluid Dynamics R203203K Electric & Hybrid Vehicles R203203L

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UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH II SEMESTER (R20) REGULAR/SUPPLEMENTARY EXAMINATIONS, MAY/JUNE-2024

TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY					
	24-05-2024 (Friday)	27-05-2024 (Monday)	01-06-2024 (Saturday)	03-06-2024 (Monday)	05-06-2024 (Wednesday)	07-06-2024 (Friday)
ELECTRONICS & COMMUNICATION ENGINEERING (04 ECE)	Microprocessor and Microcontrollers (R2032041)	VLSI Design (R2032042)	Digital Signal Processing (R2032043)	<u>Professional Elective (PE) :-</u> Microwave Engineering R203204A Mobile & Cellular Communication R203204B Embedded Systems R203204C CMOS Analog IC Design R203204D	<u>Open Elective (OE II) :-</u> Basics of Signals and Systems R203204E Electronic Measurements and Instrumentation R203204F Principles of Signal Processing R203204G Industrial Electronics R203204H Consumer Electronics R203204I Fundamentals of Microprocessors and Microcontrollers R203204J Transducers and Sensors R203204K IOT and Applications R203204L Soft Computing Techniques R203204M IC Applications R203204N Principles of Communications R203204O Basic Electronics R203204P Data Communications R203204Q Digital Logic Design R203204R Remote Sensing and GIS R203204S Bio Medical Instrumentation R203204T	Principles of Communication R203204U, IOT Architecture and It's Protocols R203249C
COMPUTER SCIENCE & ENGINEERING (05 CSE)	Machine Learning (R2032051) (Common to CSE,IT)	Compiler Design (R2032052)	Cryptography and Network Security (R2032053) (Common to CSE,IT)	<u>Professional Elective (PE) :-</u> Mobile Computing R203205A (Common to CSE,IT) Big Data Analytics R203205B Object Oriented Analysis and Design R203205C Network Programming R203205D (Comm to CSE,CSE(AIML),CSE(AI),AIML,CSD)	<u>Open Elective (OE II) :-</u> MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Python Programming R203205F (Common to CSE,IT) Web Technologies R203205G (Common to CSE,IT) Soft Computing R203205H Distributed Computing R203205I (Common to CSE,IT) AI and ML for Robotics R203205J (Common to CSE,IT) Computer Networks R203205K (Common to CSE,IT) Big Data Analytics R203205L (Common to CSE,IT) Computational Tools R203205M (Common to CSE,IT)	Computational Thinking R203205N, Operating Systems R203205Q, Database Management Systems R203205R, , Mining Massive Data Sets R203205O, Natural Language Processing R203205P Objected Oriented Programming Through Java R203205V Data Structures and Algorithms R203205T Information Security Analysis and Audit R203205Y

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH II SEMESTER (R20) REGULAR/SUPPLEMENTARY EXAMINATIONS, MAY/JUNE-2024

TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY					
	24-05-2024 (Friday)	27-05-2024 (Monday)	01-06-2024 (Saturday)	03-06-2024 (Monday)	05-06-2024 (Wednesday)	07-06-2024 (Friday)
INFORMATION TECHNOLOGY (12 IT)	Machine Learning (R2032051) (Common to CSE,IT)	Big Data Analytics (R2032121) (Comm to IT,CSE(DS),CSE(AIDS),AIDS)	Cryptography and Network Security (R2032053) (Common to CSE,IT)	Professional Elective (PE II) :- Mobile Computing R203205A (Common to CSE,IT) MEAN Stack Development R203212A Design Patterns R203212B Scripting Languages R203212C	Open Elective (OE II) :- Python Programming R203205F (Common to CSE,IT) Web Technologies R203205G (Common to CSE,IT) Soft Computing R203205H (Common to CSE,IT) Distributed Computing R203205I (Common to CSE,IT) AI and ML for Robotics R203205J (Common to CSE,IT) Computer Networks R203205K (Common to CSE,IT) Big Data Analytics R203205L (Common to CSE,IT) Computational Tools R203205M (Common to CSE,IT)	.....
AUTO MOBILE ENGINEERING (24 AME)	Automobile Components and Chassis Design (R2032241)	Automobile Transmission Systems (R2032242)	Vehicle Body Engineering (R2032243)	Professional Elective (PE II) :- CFD for Automobile Applications R203224A Condition Monitoring R203224B Noise Vibrations and Harshness R203224C Mechatronics R203224D Measurements and Control Systems R203224E	Open Elective (OE II) :- Alternative Fuels for Automobiles R203224G Vehicle Stability and Control R203224H Electric Vehicles and Hybrid Technology R203224I	.....
MINING ENGINEERING (26 MM)	Surface Mining (R2032261)	Mine Legislation and Safety (R2032262)	Underground Metal Mining (R2032263)	Professional Elective (PE) :- Computer Applications and Tools R203226A Mine Economics R203226B Mine Mechanization R203226C Mine Automation R203226D	Open Elective (OE II) :- Mineral Economics, Business and Trade R203226E Landslides & Slope Stability Engineering R203226F Remote Sensing and GIS R203201K Geostatistics R203226G

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III B.TECH II SEMESTER (R20) REGULAR/SUPPLEMENTARY EXAMINATIONS, MAY/JUNE-2024

TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY					
	24-05-2024 (Friday)	27-05-2024 (Monday)	01-06-2024 (Saturday)	03-06-2024 (Monday)	05-06-2024 (Wednesday)	07-06-2024 (Friday)
AGRICULTURAL ENGINEERING (35 AGE)	Soil and Water Conservation Engineering (R2032351)	Farm Machinery and Equipment - II (R2032352)	Agricultural Process Engineering (R2032353)	Professional Elective (PE) :- Food Packaging Technology R203235A Watershed Management R203235B Human Engineering and Safety R203235C	Open Elective (OE II) :- Principles of Soil Science and Agronomy R203235D Farm Power and Tractor Systems R203235E Soil and Water Conservation Engineering R203235F Ground Water Hydrology, Wells and Pumps R203235G, Surface Water Hydrology R203235H, Post Harvest Engineering of Cereals, Pulses and Oilseeds R203235I, Agricultural Process Engineering R203235J	.....
CSE (Artificial Intelligence and Machine Learning) (42)	Computer Networks (R2032421) (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Deep Learning (R2032422) (Common to CSE(AIML), CSE(AI),AIML)	Design and Analysis of Algorithms (R2032423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	Professional Elective (PE) :- Software Project Management R203242A (Comm to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Distributed Systems R203242B (Comm to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Internet of Things R203242C (Comm to CSE(AIML),CSE(AI),AIML) Network Programming R203205D (Comm to CSE,CSE(AIML),CSE(AI),AIML,CSD)	Open Elective (OE I) :- MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	.....
CSE (Artificial Intelligence) (43)	Computer Networks (R2032421) (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Deep Learning (R2032422) (Common to CSE(AIML), CSE(AI),AIML)	Design and Analysis of Algorithms (R2032423) (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	Professional Elective (PE) :- Software Project Management R203242A (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Distributed Systems R203242B (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Internet of Things R203242C (Common to CSE(AIML),CSE(AI),AIML) Network Programming R203205D (Comm to CSE,CSE(AIML),CSE(AI),AIML,CSD) Expert Systems R203243A	Open Elective (OE II) :- MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
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III B.TECH II SEMESTER (R20) REGULAR/SUPPLEMENTARY EXAMINATIONS, MAY/JUNE-2024

TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY					
	24-05-2024 (Friday)	27-05-2024 (Monday)	01-06-2024 (Saturday)	03-06-2024 (Monday)	05-06-2024 (Wednesday)	07-06-2024 (Friday)
CSE (Data Science) (44)	Computer Networks (R2032421) (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Big Data Analytics (R2032121) (Common to IT,CSE(DS),CSE(AI),CSE(DS),AIDS)	Design and Analysis of Algorithms (R2032423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AI),CSE(DS),CSE(AI),CSE(DS),AIDS,AIML)	Professional Elective (PE) :- Deep Learning R203244A (Comm to CSE(DS),CSE(AIDS),AIDS,CSD) Software Project Management R203242A (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Distributed Systems R203242B (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Data Wrangling in Data Science R203244B (Comm to CSE(DS),CSE(AIDS),AIDS) ETL Principles R203244C	Open Elective (OE II) :- MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	.....
CSE (Artificial Intelligence and Data Science) (45)	Computer Networks (R2032421) (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Big Data Analytics (R2032121) (Common to IT,CSE(DS),CSE(AI),CSE(DS),AIDS)	Design and Analysis of Algorithms (R2032423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AI),CSE(DS),CSE(AI),CSE(DS),AIDS,AIML)	Professional Elective (PE) :- Deep Learning R203244A (Comm to CSE(DS),CSE(AIDS),AIDS,CSD) Software Project Management R203242A (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Distributed Systems R203242B (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Data Wrangling in Data Science R203244B (Comm to CSE(DS),CSE(AIDS),AIDS) Snow Flake Cloud Analytics R203245A (Common to CSE(AIDS),AIDS)	Open Elective (OE II) :- MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	.....
CSE (Cyber Security) (46)	Machine Learning (R2032462) (Common to CSE(CS),CSE(IOTCSIBCT),CS)	Cryptography and Network Security (R2032461) (Common to CSE(CS),IOTCSIBCT,CS)	Introduction to Cyber Security (R2032463) (Common to CSE(CS),IOTCSIBCT,CS)		Open Elective (OE II) :- Web Services R203246B (Common to CSE(CS),IOTCSIBCT,CS)

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH II SEMESTER (R20) REGULAR/SUPPLEMENTARY EXAMINATIONS, MAY/JUNE-2024

TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY					
	24-05-2024 (Friday)	27-05-2024 (Monday)	01-06-2024 (Saturday)	03-06-2024 (Monday)	05-06-2024 (Wednesday)	07-06-2024 (Friday)
CSE (Internet of things and Cyber security including Block chain Technology) (47)	Block Chain Technologies (R2032471)	Cryptography and Network Security (R2032461) (Common to IT,CSE(DS),CSE(AIDS),AIDS)	Introduction to Cybersecurity (R2032463) (Common to CSE(CS),IOTCSIBCT,CS)		Open Elective (OE II) :- Web Services R203246B (Comm to CSE(CS),IOTCSIBCT,CS)	.....
CSE (Internet of Things) (49)	Machine Learning (R2032462) (Common to CSE(CS),CSE(IOT),CS)	Embedded System Design (R2032491)	Sensors and Actuator Devices for IoT (R2032492)		Open Elective (OE II) :- Social Network and Semantic Web Course R203249B	.....
FOOD ENGINEERING (51)	Mass Transfer in Food Processing (R2032511)	Processing of Milk, Meat and Marine Products (R2032512)	Food Packaging Technologies (R2032513)	Separation Techniques in Food Processing R203251A Thermal Operations in Food Processing R203251B Automation in Food Industry R203251C	Membrane Technology in Food Engineering R203251D Renewable Energy Systems R203251E TQM in Food Industry R203251F	.....
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)	Computer Networks (R2032421) (Comm to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	Big Data Analytics (R2032121) (Common to IT,CSE(DS),CSE(AIDS),AIDS)	Design and Analysis of Algorithms (R2032423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Professional Elective (PE) :- Deep Learning R203244A (Common to CSE(DS),CSE(AIDS),AIDS,CSD) Software Project Management R203242A Distributed Systems R203242B (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Data Wrangling in Data Science R203244B (Common to CSE(DS),CSE(AIDS),AIDS) Snow Flake Cloud Analytics R203245A (Common to CSE(AIDS),AIDS)	Open Elective (OE II) :- MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)

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III B.TECH II SEMESTER (R20) REGULAR/SUPPLEMENTARY EXAMINATIONS, MAY/JUNE-2024

TIME TABLE

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BRANCH	DATE & DAY					
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PHARMACEUTICAL ENGINEERING (55)	Pharmaceutical Engineering – II (R2032551)	Instrumental Methods of Analysis (R2032552)	Principles of Transducers and Measurements (R2032553)	<u>Professional Elective (PE) :-</u> Computer Aided Drug Design R203255A Pharmaceutical Regulatory Affairs R203255B Novel Drug Delivery Systems R203255C	<u>Open Elective (OE II) :-</u> Hospital Management and Information Systems R203255D Neural Networks and Fuzzy Logic R203255E Introduction to Database Management R203255F	Water Conservation Management (R2032554)
CYBER SECURITY (59)	Machine Learning (R2032462) (Common to CSE(CS),CSE(IOT),CS)	Cryptography and Network Security (R2032461) (Common to IT,CSE(DS),CSE(AIDS),AI DS)	Introduction to Cyber Security (R2032463) (Common to CSE(CS),IOTCSIBCT, CS)		<u>Open Elective (OE II) :-</u> Web Services R203246B (Common to CSE(CS),IOTCSIBCT,CS)	.....
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)	Computer Networks (R2032421) (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Deep Learning (R2032422) (Common to CSE(AIML), CSE(AI),AIML)	Design and Analysis of Algorithms (R2032423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<u>Professional Elective (PE) :-</u> Software Project Management R203242A (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Distributed Systems R203242B (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Internet of Things R203242C (Common to CSE(AIML),CSE(AI),AIML) Network Programming R203205D (Comm to CSE,CSE(AIML),CSE(AI),AIML,CSD)	<u>Open Elective (OE II) :-</u> MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)

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III B.TECH II SEMESTER (R20) REGULAR/SUPPLEMENTARY EXAMINATIONS, MAY/JUNE-2024

TIME TABLE

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BRANCH	DATE & DAY					
	24-05-2024 (Friday)	27-05-2024 (Monday)	01-06-2024 (Saturday)	03-06-2024 (Monday)	05-06-2024 (Wednesday)	07-06-2024 (Friday)
COMPUTER SCIENCE AND DESIGN (62)	Computer Networks (R2032421) (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Computer Aided Design (R2032621)	Design and Analysis of Algorithms (R2032423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Professional Elective (PE) :- Deep Learning R203244A (Common to CSE(DS),CSE(AIDS),AIDS,CSD) Software Project Management R203242A (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Distributed Systems R203242B (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Network Programming R203205D (Comm to CSE,CSE(AIML),CSE(AI),AIML,CSD)	Open Elective (OE II) :- MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	.....

NOTE:

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- (iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

Date: 04-05-2024

H. R. K. K.
Controller of Examinations (UG)

H. R. K. K.
Coordinator-IQAC
RKCE

Am
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Kethanakonda (V), Ibrahimpatnam (M),
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III B. Tech II SEM MID- I EXAMINATIONS

SUBJECT: EM&I

DATE: 02.03.2024 (AN)

A.Y: 2023-24

BRANCH: EEE

TIME: 90 Minutes

Answer the following Questions

15 Marks

1. a) Explain about extension of instrument ranges.


b) Find the deflection of a moving iron ammeter having the following data control spring constant $= 8 \times 10^{-6}$, current is 6 A and


$$L = 6 + 3\theta - 0.5\theta^2 \mu\text{H}.$$

Illustrate the constructional features of single phase Dynamometer wattmeter.

3. a) Explain the construction and operation of moving iron instruments.

b) The range of 1mA ammeter having an internal resistance of 100 ohms is to be extended to 100 mA ammeter. Calculate the value of the resistance of required shunt.


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Assignment-1

1) Illustrate the constructional features of 1- ϕ Dynamometer wattmeter.

A) * A dynamometer type or electrodynamic type wattmeter is most commonly used for measurement of power in an electric circuit.

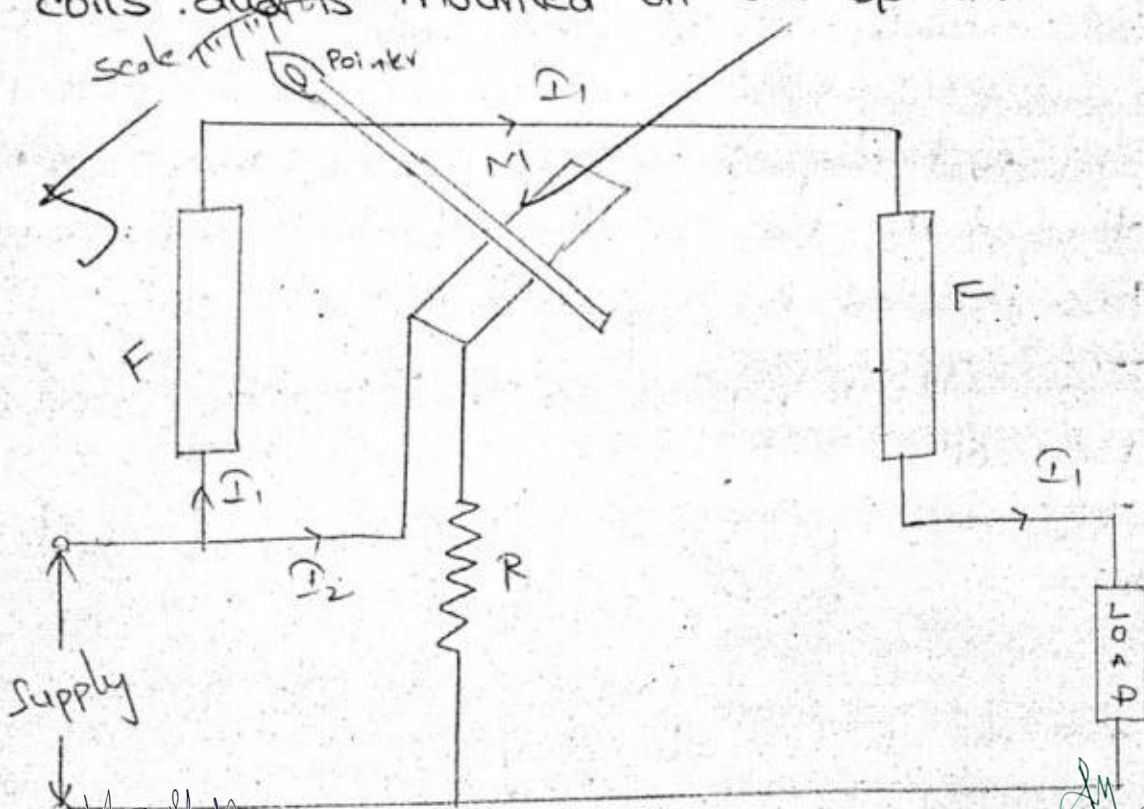
* It is based on the principle that mechanical force exists between two current carrying conductor.

Construction-

* It mainly consists of two coils namely: fixed coil and moving coil.

* The fixed coil is split into two equal parts which are placed close together and parallel to each other.

* The moving coil is pivoted between the two fixed coils and is mounted on the spindle.



* The fixed coils are connected in series with the load and carry the circuit/load current. They are known as current coil.

* The moving coil, M is connected across the load and carries the current proportional to the vol of the circuit, therefore it is known as pressure coil or potential coil.

* Generally a high resistance, R is connected in series with the pressure coil to limit the current through it.

* The instrument is provided with spring control and air friction damping.

Q) Explain the constructional features and operation of moving iron instruments.

A) Moving iron instruments are two types

* Attraction type

* Repulsion type

Attraction type -

Construction -

* It mainly consists of a hollow cylindrical coil or solenoid.

* An oval shaped soft iron piece and a pointer are attached to the spindle, which is supported b/w two jewelled bearings and near the coil.

* The soft iron piece is free to move in or out of the coil.

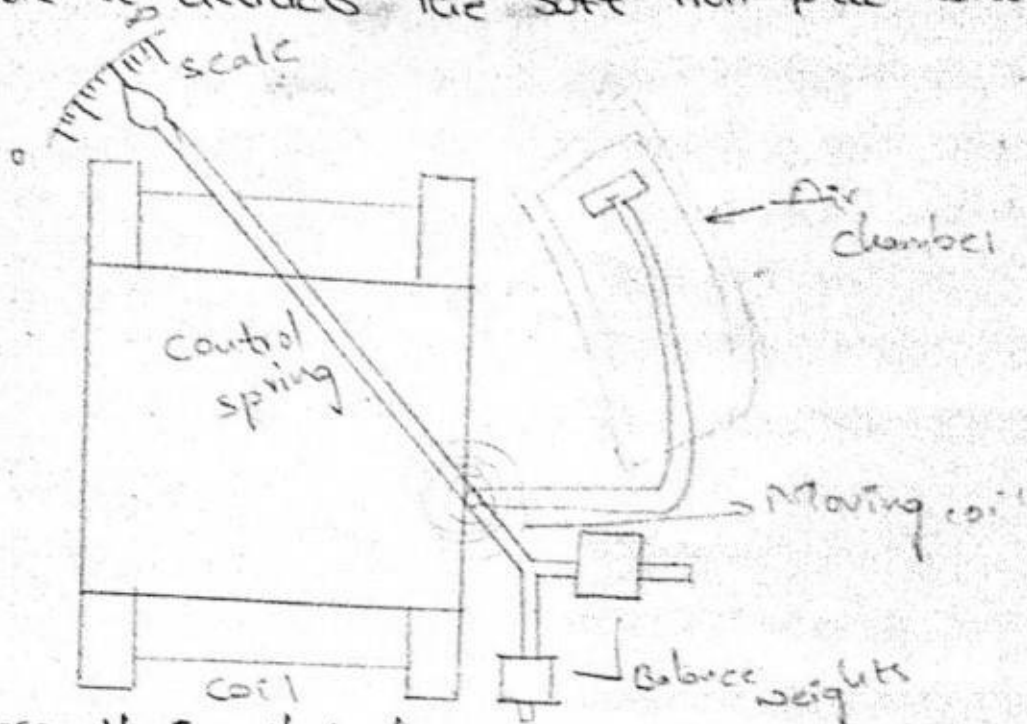
* Then the pointer also deflects on the scale with the motion of the iron piece.

* The instrument is provided with spring control and air friction damping.

Working -

* When the instrument is connected in the circuit the operating current flows through it.

All other moving coil devices use a permanent magnet, therefore it attracts the soft iron piece towards it.



* The result is that the iron moves into the coil, causing the spindle and pointer to rotate about its own axis.

* If the operating current in the coil is reversed, the direction of magnetic field produced inside the coil also reverses and so the magnetism produced in the soft iron piece.

* Hence, the deflecting torque remain unchanged.

Repulsion type-

Construction-

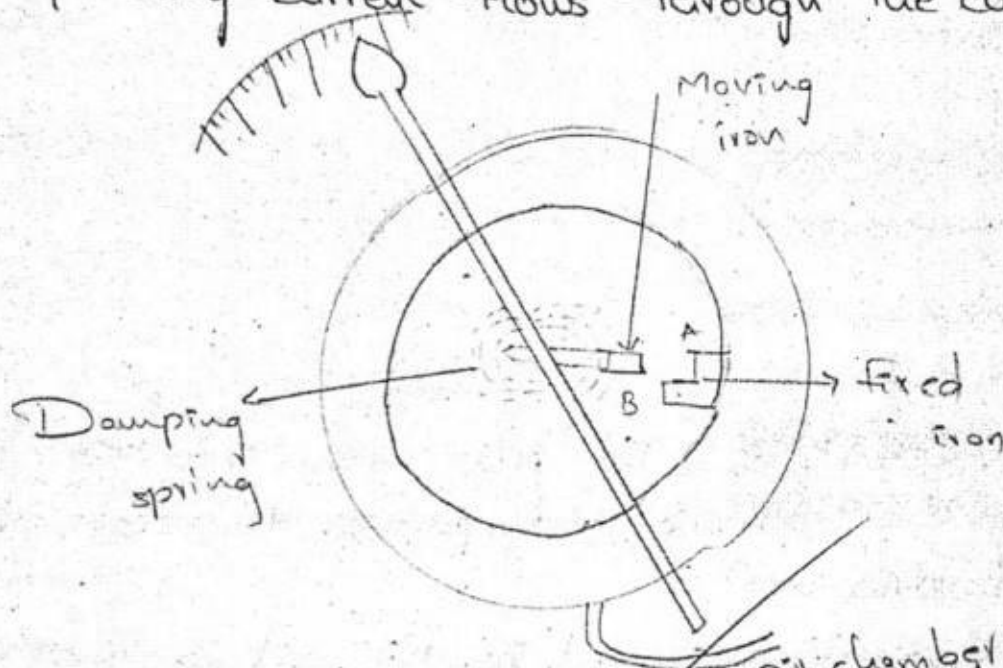
* It mainly consists of a fixed hollow cylindrical coil inside which are placed two soft-iron rods or vanes A and B parallel to each other and along the axis of the coil.

* One of the iron rod or vanes i.e. A is fixed to the coil, and other iron B attached to the spindle are known as fixed iron and movable iron respectively.

* A pointer is also attached to the spindle. The controlling torque is produced by spring control.

Working.

- * When there is no current in the coil, the two iron rods moving and fixed are almost touch each other and the pointer rests on zero position.
- * When the instrument is connected in the circuit, operating current flows through the coil.



- * This current sets up magnetic field inside the coil.
- * The magnetic field magnetises the two rods similarly i.e. the adjacent points on the lengths of the rods will have the same magnetic polarity.
- * Hence the two rods repel each other, due to the force of repulsion.
- * Thus the movable iron rod moves away from the fixed iron rod resulting the pointer moves on the calibrated scale from its zero position.
- * When the current in the coil is reversed, the polarity of both iron rods also reverse simultaneously and the direction of the deflecting torque will remain unchanged hence, the instrument can be used on AC as well as DC measure-

4) The range of 1mA ammeter with resistance of 100Ω is to be extended to 100mA ammeter. Calculate the value of the resistance of required shunt.

Given

$$R_m = 100\Omega$$

$$I = 100\text{mA}$$

$$I_m = 1\text{mA}$$

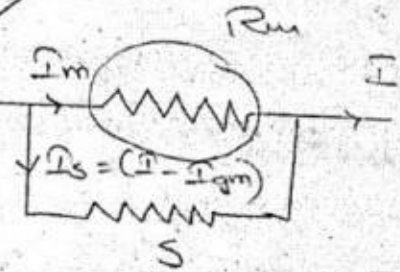
$$R_{sh} = \frac{R_m}{\frac{I}{I_m} - 1}$$

$$R_{sh} = \frac{100}{\frac{100}{1} - 1} = \frac{100}{100 - 1} = \frac{100}{99} = 1.01\Omega$$

5) Explain about extension of instrument range?

Extension of Range - Ammeter

This shunt provides a bypath for extra current because it is connected across the instrument.



Let R_m = instrument resistance

S = shunt resistance

I_m = full-scale deflection current of instrument

I = line current to be measured

The voltage across the instrument coil and the shunt is the same since both are joined in parallel

$$\therefore I_m \times R_m = S I_s = S (I - I_m)$$

$$S = \frac{I_m R_m}{I - I_m} \quad \text{or} \quad \frac{I}{I_m} = \left(1 + \frac{R_m}{S}\right)$$

$$\therefore \text{Multiplying power} = \left(1 + \frac{R_m}{S}\right)$$

3) Find the deflection of a moving iron ammeter having the following data control spring constant = 8×10^{-6} , current is 6A and $L = 6 + 3\theta - 0.5\theta^2 \mu\text{H}$.

Given data

$$L = (6 + 3\theta - 0.5\theta^2) \mu\text{H}$$

$$= (6 + 3\theta - 0.5\theta^2) \times 10^{-6} \text{ H}$$

$$k = 8 \times 10^{-6}$$

Deflection = ? when 6A

$$\frac{dL}{d\theta} = \frac{d}{d\theta} (6 + 3\theta - 0.5\theta^2) \mu\text{H}$$

$$= (3 - 2 \times 0.5\theta) \times 10^{-6} = (3 - \theta) \times 10^{-6}$$

$$\theta = \frac{1}{2} \frac{I^2}{k} \frac{dL}{d\theta}$$

$$= \frac{1}{2} \frac{6^2}{8 \times 10^{-6}} (3 - \theta) \times 10^{-6}$$

$$2 \times \frac{8 \times 10^{-6}}{6^2} \theta = (3 - \theta) \times 10^{-6}$$

$$4.44 \times 10^{-7} \theta = (3 - \theta) \times 10^{-6}$$

$$\frac{4.44 \times 10^{-7}}{10^{-6}} \theta = (3 - \theta)$$

$$0.44\theta = 3 - \theta$$

$$0.44\theta + \theta = 3$$

$$1.44\theta = 3$$

$$\theta = \frac{3}{1.44} = 2.083 \text{ radians}$$

$$\theta = 2.083 \times \frac{180}{\pi}$$

$$\theta = 119.36^\circ$$

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Extension of voltmeter range -

Let I_m = full scale deflection current

R_m = Galvanometer resistance

$\mathcal{V} = R_m I_m$ = full scale P.d across it

V = Voltage to be measured

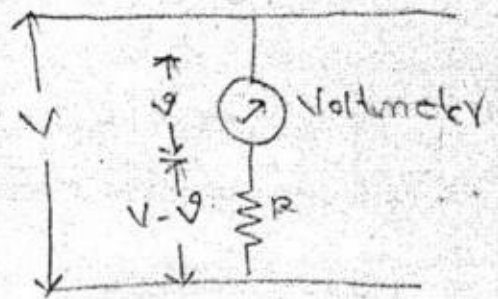
R = Series resistance required. Then it is seen that the voltage drop across R is $V - \mathcal{V}$

$$R = \frac{V - \mathcal{V}}{I_m} \quad \text{or} \quad R \cdot I_m = V - \mathcal{V}$$

Dividing both sides by V , we get

$$\frac{R I_m}{\mathcal{V}} = \frac{V}{\mathcal{V}} - 1 \quad \text{or} \quad \frac{R \cdot I_m}{I_m R_m} = \frac{V}{\mathcal{V}} - 1 \quad \therefore \frac{V}{\mathcal{V}} = \left[1 + \frac{R}{R_m} \right]$$

Voltage multiplication = $\left[1 + \frac{R}{R_m} \right]$



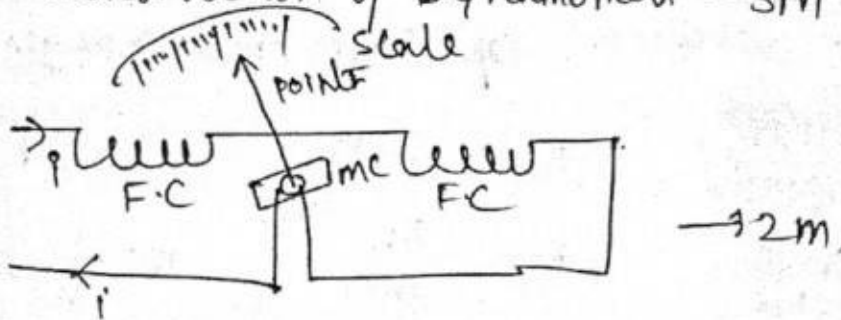
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2. Constructional features of 1-φ Dynamometer wattmeter - 5m

Sol:- Diagram - 2m

Construction of dynamometer - 3m



- 1. Fixed coils
 - 2. Moving coil
 - 3. Controlling
 - 4. Moving system
 - 5. Damping
 - 6. Shielding
 - 7. Case & scales
- } ← 3m

3.) a) Explain Construction of mI - 1m
 operation of mI - 1m
 Diagram of mI - 1m } 3m

b) Data given:-
 $I_m = 1 \text{ mA}$
 $R_m = 100 \Omega$
 $I = 100 \text{ mA}$

} 1m

to find!

$R_{sh} = ?$

to calculate

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$$R_{sh} = \frac{R_m}{\frac{I}{I_m} - 1} = \frac{100}{\frac{100 \text{ mA}}{1 \text{ mA}} - 1} = \frac{100}{99} = 1.01 \Omega$$

III B.Tech II sem

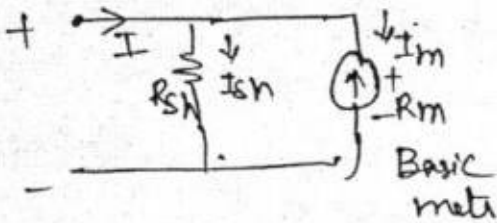
I MID

EMI subject

Scheme of Evaluation.

1. a) Explain about extension of instrument ranges - 3M

DC Ammeter:-

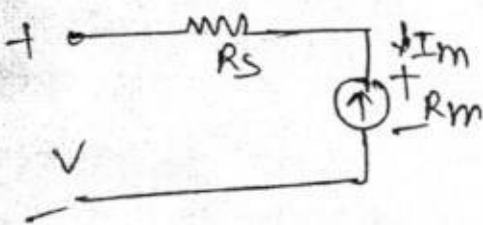


$$R_{sh} = \frac{I_m R_m}{I - I_m}$$

$$R_{sh} = \frac{R_m}{m-1} \quad m = \frac{I}{I_m} \quad \left. \vphantom{\frac{R_m}{m-1}} \right\} 1.5m$$

$$m = \frac{I}{I_m} = 1 + \frac{R_m}{R_{sh}}$$

DC Voltmeter:-



$$R_s = \frac{V}{I_m} - R_m \quad \left. \vphantom{\frac{V}{I_m}} \right\} 1.5m$$

$$m = 1 + \frac{R_s}{R_m}$$

$$R_s = (m-1) R_m$$

1. b) problem - - 2m

Data Given:-

$$K = 8 \times 10^{-6}, I = 6A, L = 6 + 3\theta - 0.5\theta^2 \text{ mH.} \quad \left. \vphantom{L} \right\} 1m$$

To find:-

$$\theta = ?$$

To calculate:-

$$\frac{dL}{d\theta} = \frac{d}{d\theta} (6 + 3\theta - 0.5\theta^2) = 0 + 3 - 0.5 \times 2\theta = (3 - 2\theta) \times 10^{-6} \text{ Henry/radian}$$

$$\theta = \frac{1}{2} \frac{I^2}{K} \cdot \frac{dL}{d\theta}$$

$$\theta = \frac{1}{2} \times \frac{6^2}{8 \times 10^{-6}} \times (3 - 2\theta) \times 10^{-6}$$

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RKCE 2.25 (3-2\theta)

$$0 - 6.75 - 4.5\theta \Rightarrow 4.5\theta + 0 = 6.75 \Rightarrow \theta = \frac{6.75}{4.5} = 1.5 \text{ radian}$$



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MAIN ANSWER SHEET

Total Marks
11

MID (Descriptive) EXAMINATION: MID-1 Year & Semester 3-2

Q.No.	1	2	3	4	5
Marks	0+1	5	3+2		

Name: Sk. Salim

No. of Additional: 2

Date: 02-03-24

Branch: EEE

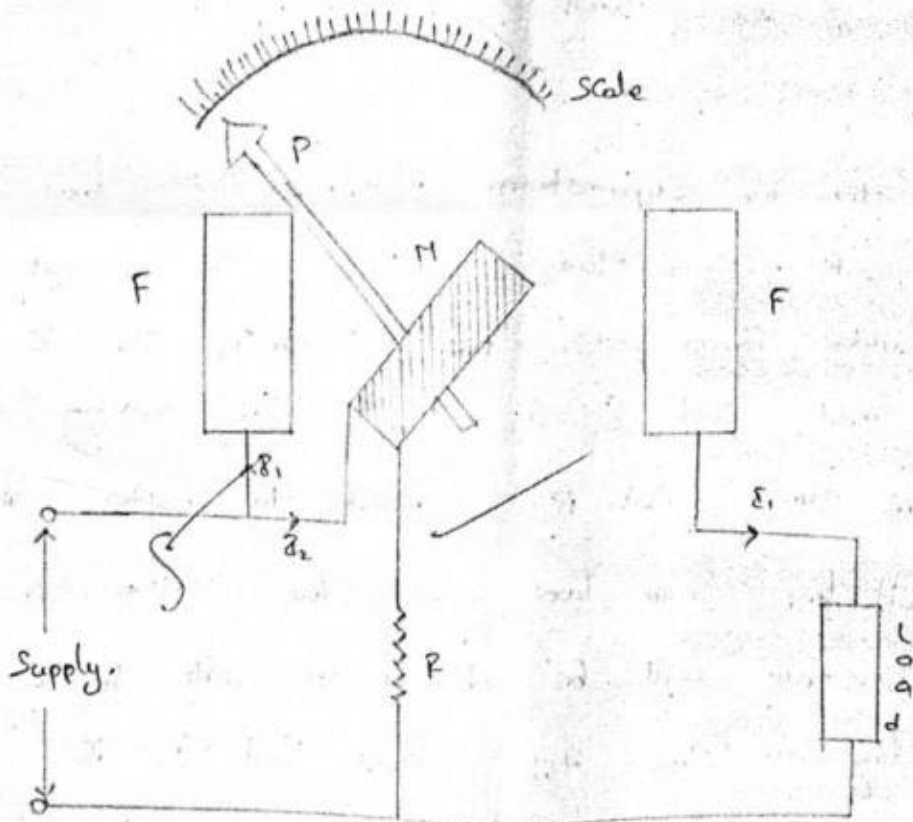
Roll No. 22MC5A0225

Subject: EM2

Signature of the Invigilator with Name: _____

2) Dynamometer wattmeter:

It is also an measuring instrument to measure watts and current flowing through the dynamometer wattmeter. when the dynamometer meter type wattmeter was as shown below.



Construction:

- * In this dynamometer type wattmeter has 2 fixed coils and one movable coil, then they are placed parallel to each other.
- * The ~~movable~~ moving coil is placed in between the fixed coils.

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* Then the other side of the fixed coil is connected to load.

* The load wire is connected to supply.

* The moving coil is connected to supply and connected to another side of supply with resistor

* The fixed coil is connected to supply.

* The moving coil has pointer (P) then to show the measurement on the scale.

* These all are shown in above figure.

Operation:

The operation of dynamometer type wattmeter has been started when the supply or the current is divided in to two parts I_1 & I_2 I_1 is in to fixed coil & I_2 in to the moving coil.

Then the fixed coil is connected to another side the coil has some load then the voltage increases the resistance will be decreases as will be in the diagram. Then the fixed coil I_1 is showing through the load they will be shown to how to run by using increasing or decreasing the current to maintain certain resistance.

Hanil H

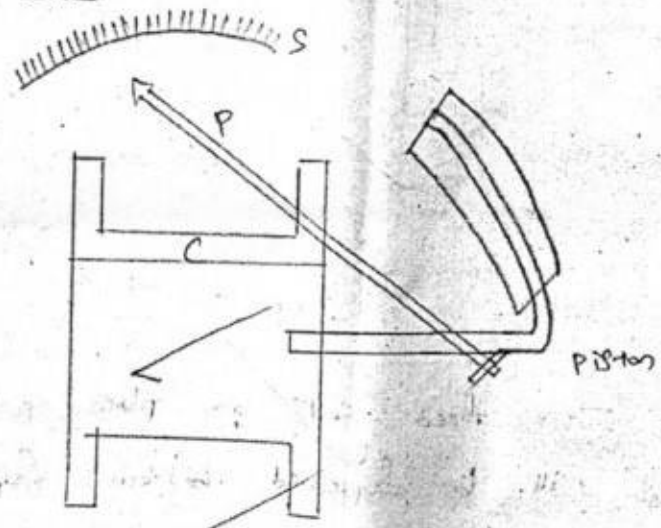
①

3) a) Moving Iron Instrument's:-

The moving iron instrument's are mainly two types. They are.

- ① Attraction type
- ② Repulsion type.

① Attraction type:-



Construction:-

- * The attraction moving coil is depends up on the attractive point's.
- * Then they will be connected to pointer (P) on the scale in the between the Air piston.
- * These all have as shown in above figure.

operation:-

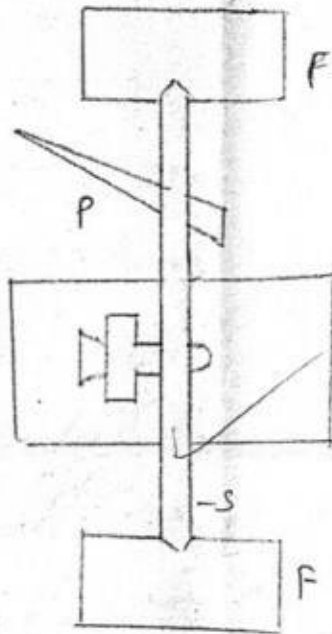
→ The supply is given to the Ckt when the started then they will started the can measure the value

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→ The motor will be started the scale will be move attraction side the air piston will be removed it.

* Repulsion type:-



when the two fixed coils are placed parallel to each other they will be supported between support rod and then connected to each coil. The supports has pointer show the measuring values. Then the supplies is given to the machine the pointer will be raised at this point to show some value to then the pointer 'P' has been shown above.

The pole has been supported to the

~~type~~ through them.

3) Problem,

b) Given,

$$R = 100$$

$$I_a = 1 \text{ mA} \\ = 0.001 \text{ A}$$

$$I_T = 100 \text{ A} \\ = 0.1 \text{ A}$$

$$I_{shunt} = I_T - I_a \\ = 0.1 - 0.001 \\ = 0.099 \text{ A}$$

$$V = 0.1 \times 1 \\ = 0.1$$

$$R_{sh} = V / I_{shunt} \\ = 0.1 / 0.099 \\ = 1.01 \Omega$$

26

Given data,

Spring constant = 8×10^{-6}

current $I = 6A$

$L = 6 + 300 \times 10^{-5} MH$

Deflection moving iron = 2

Spring constant = 8×10^{-6}

Differential Deflection constant = 0

Deflection = $\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

= $\frac{8 \pm \sqrt{8^2 - 4(25)(6)}}{2(5)}$

= $\frac{8 \pm \sqrt{64 - 4(25)(6)}}{10}$

= $\frac{8 \pm \sqrt{64 - 600}}{10}$

= $\frac{8 \pm \sqrt{536}}{10}$

= $\frac{8 \pm \sqrt{536}}{10}$

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$3 + \sqrt{5}$

$3 - \sqrt{5}$

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MID (Descriptive) EXAMINATION : 01 Year & Semester 3-2

Q.No.	1	2	3	4	5
Marks	1	5	2x2		

Name : Puvanam-Taxun No. of Additional 02 Date : 02/03/24

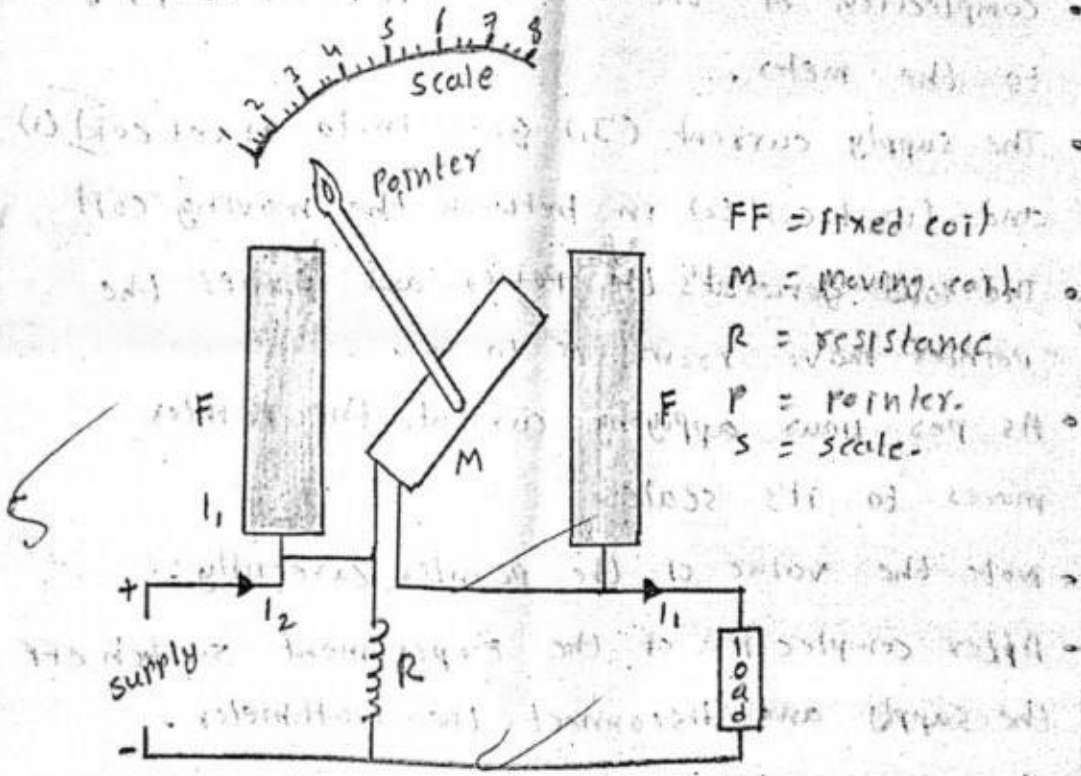
Branch : EEE- Roll No. 22MCSA0220

Subjeet : EMJ

Signature of the Invigilator with Name :

② Single phase Dynamometer wattmeter

- The fig shows the circuit diagram of single phase dynamometer wattmeter.
- It has considering of FF (fixed coil) in middle of moving coil.



Single phase Dynamometer wattmeter

- The single phase dynamometer wattmeter is given in the figure.
- It has considering of fixed coil (FF).
- In middle of moving coil across the supply.
- with attachment of resistance (R) to the load supply.
- and along with a pointer around the scale to measurement.

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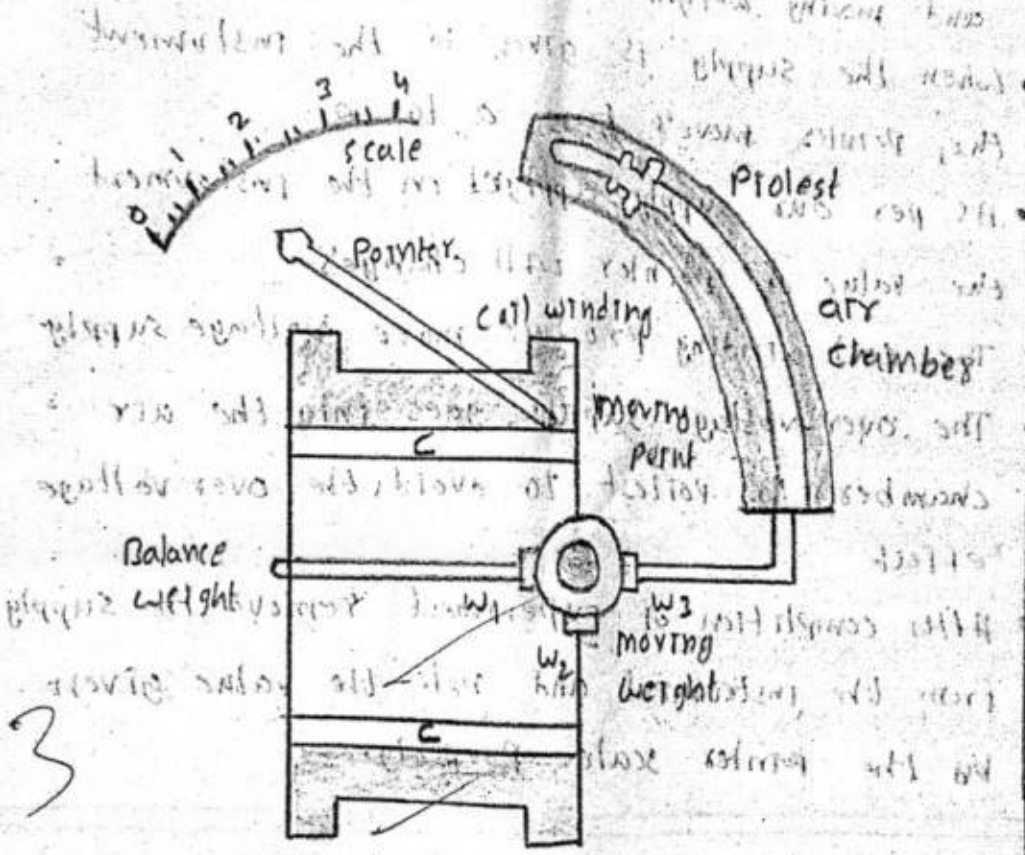
Construction and working principle:

- Arrange the circuit as shown in the figure.
- Make sure that the pointer is in minimize level.
- completion of the circuit apply the supply to the meter.
- The supply current (I) goes into fixed coil (1) and fixed coil (2) in between the moving coil.
- The load generates the power and makes the pointer move from 0 to ∞ .
- As per your applying current the pointer moves to its scale.
- Note the value of the pointer carefully.
- After completion of the experiment switch off the supply and disconnect the wattmeter.

3 a

Moving Iron Instrument

- The moving iron instrument having air chamber with protest along with w_1, w_2, w_3



Moving Iron Instrument

- The moving iron instrument is given in the following figure-
- It have considering of scale and pointer with moving part-
- and along with the coil winding-
- Three weight system are denoted as w_1, w_2 and w_3
- Remain the two weight are balance weight and moving weight.

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Construction and operation:

- The moving iron instrument is having of three weight which holds the both balance weight and moving weight.
- When the supply is given to the instrument the pointer move's from 0 to ∞ .
- As per our supply applied in the instrument the value of pointer will change's-
- The coil winding produce more voltage supply.
- The over-voltage supply goes into the air chamber to protect to avoid the over voltage effect.
- After completion of experiment remove the supply from the instrument and note the value given by the pointer scale properly.

3) (b) Given data:

$$I_a = 100 \text{ mA} = 0.001 \text{ A}$$

$$I_T = 100 \text{ A} = 0.1 \text{ A}$$

Resistance = 100 ohms

$$I_{\text{shunt}} = I_T - I_a = 0.1 - 0.001 = 0.099 \text{ A}$$

$$V = I_T \times R_a = 0.1 \times 0.001 = 0.1 \text{ V}$$

$$R_{\text{shunt}} = \frac{V}{I_{\text{sh}}} = \frac{0.1}{0.099}$$

$$= 1.01 \text{ } \Omega$$

1) (a) Difference b/w C.T & P.T

C.T	P.T
1) It is a Series transformer	1) It is a parallel transformer
2) Secondary winding is short circuited when the primary is engaged	2) It is open circuited
3) Primary current is independent while secondary winding	3) Primary winding is dependent than secondary circuit.
4) The primary carries heavy current & high voltage across it	4) The primary carries light current & light voltage impressed it.

10) Spring Constant = 8×10^{-6}

Current = 6A

$$L = 6 + 30 - 0.5 \theta^2 \text{ mH}$$

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a} = \frac{-3 \pm \sqrt{3^2 - (4)(6)(0.5 \theta^2)}}{2(6)}$$

$$= \frac{-3 \pm \sqrt{12 \theta^2}}{12}$$

$$= \frac{-3 \pm 3.4 \theta^2}{12}$$

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MAIN ANSWER SHEET

Total Marks

18

MID (Descriptive) EXAMINATION : II Year & Semester 3-2

Q.No.	1	2	3	4	5
Marks	5	5	5		

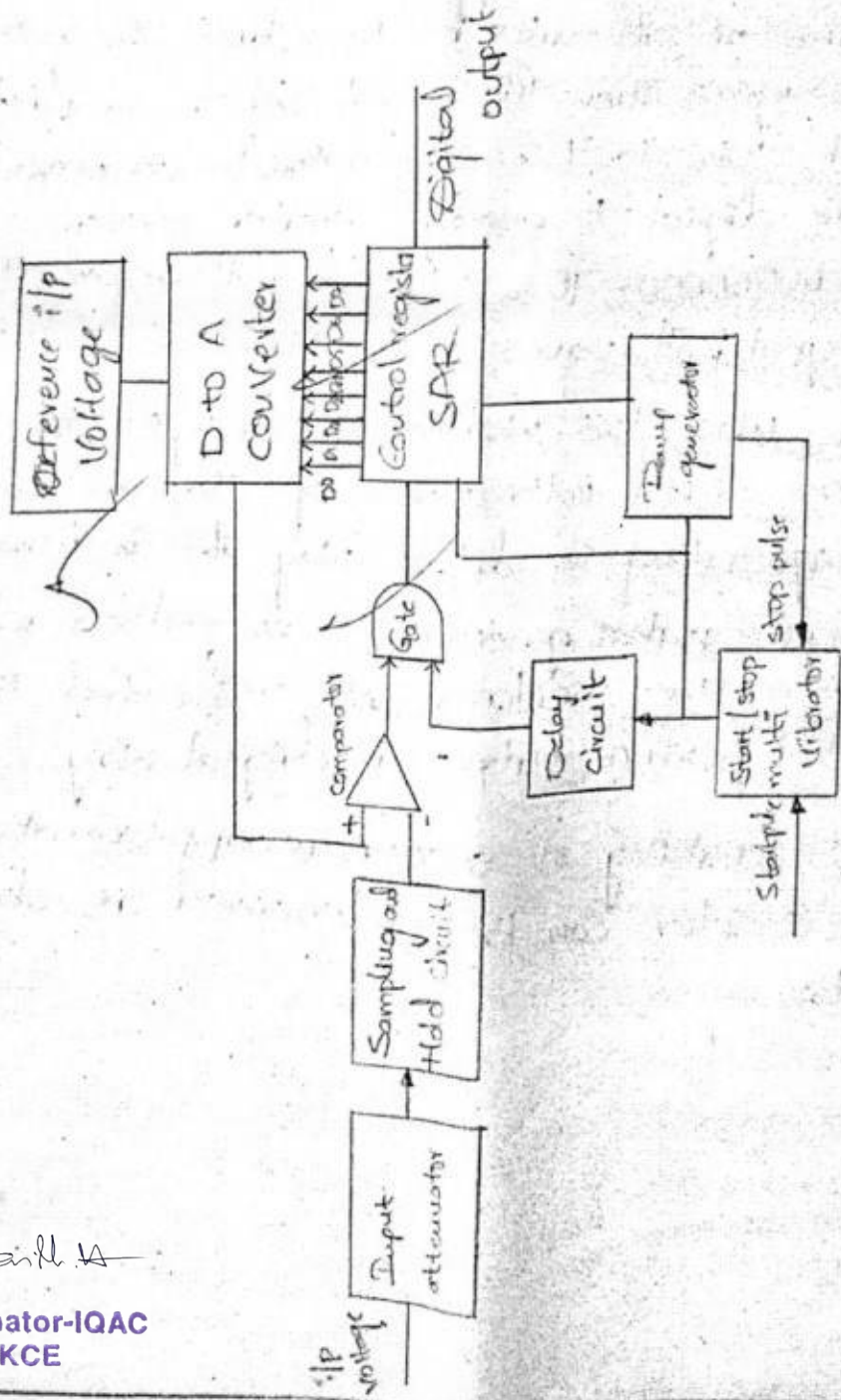
Name : V. Vishnavari No. of Additional 2 Date : 20/1/24

Branch : EEE Roll No. 22MC5A0228 Subject : EMT

Signature of the Invigilator with Name : Diva

Answers

3) Successive approximation digital voltmeter-



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In successive approximation digital voltmeter we can use different components like

- * attenuator
- * Comparator
- * Gate
- * Multivibrator
- * D to A converter
- * Delay circuit
- * Sampling and hold circuit.

The above figure shows the block diagram of successive approximation digital voltmeter.

The use of attenuator is to reduce the noise from the input signal. Then the signal fed to sampling and hold circuit then to the comparator to compare the signal. The digital to analog converter converts the signal in 00000000. Then the d_1 will active then the output signal will varies from 00000000 to 10000000.

This was the working principal of the successive approximation digital voltmeter. By this we can find the voltage rating in digital way like in numbers.

The gate pulse generates some pulses which are come from the oscillator and then fed to the clock to produce output in digital way.

The working of successive approximation digital voltmeter can be determined as above statements.

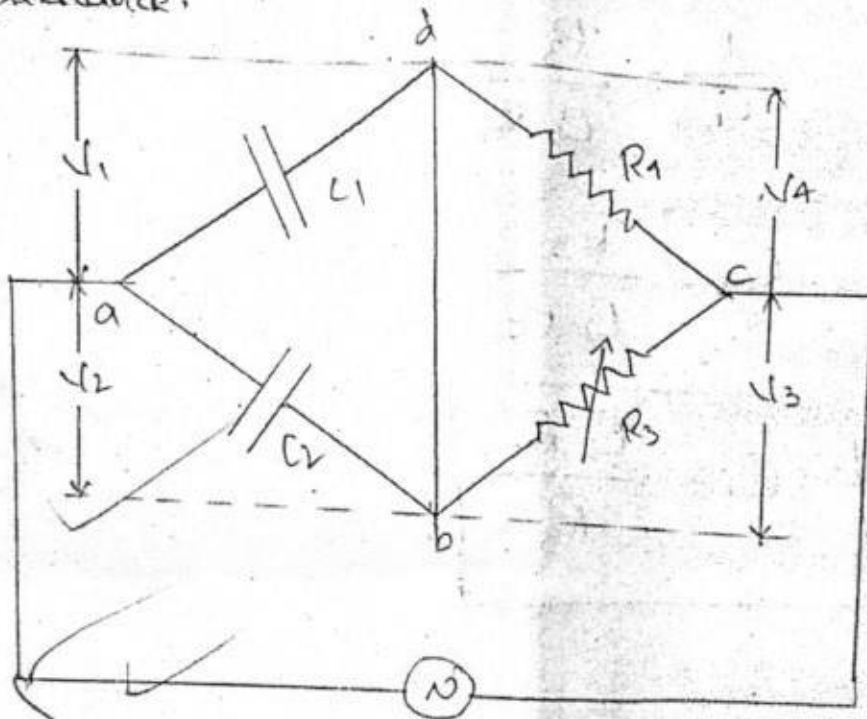
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1) Desauty's bridge-

This bridge is used to find the unknown capacitance.



C_1 = Unknown capacitance

C_2 = known capacitance

R_3 = Variable known resistance

R_4 = Standard known resistance

$$Z_1 = \frac{1}{j\omega C_1}$$

$$Z_3 = R_3$$

$$Z_2 = \frac{1}{j\omega C_2}$$

$$Z_4 = R_4$$

At balanced condition

$$Z_1 Z_4 = Z_2 Z_3$$

$$\frac{1}{j\omega C_1} \times R_4 = \frac{1}{j\omega C_2} \times R_3$$



$$\frac{R_4}{C_1} = \frac{R_3}{C_2}$$

$$\frac{1}{C_1} = \frac{R_3}{C_2 R_4}$$

$$\frac{1}{C_1} = \frac{R_3}{C_2 R_4}$$

$$C_1 = \frac{C_2 R_4}{R_3}$$

Harilal

Coordinator-IQAC
RKCE

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2) Thermistors-

The thermistor is a type of transducer and produce magnetic field into a EMF.

Construction-

The construction of thermistor here is as follows. The material that they used in the preparation of thermistors is copper and it is a good conductor of electricity. The width of this material is about 30mm to 50mm.

The thermistor is a type of transducer and produce the magnetic field into an EMF.

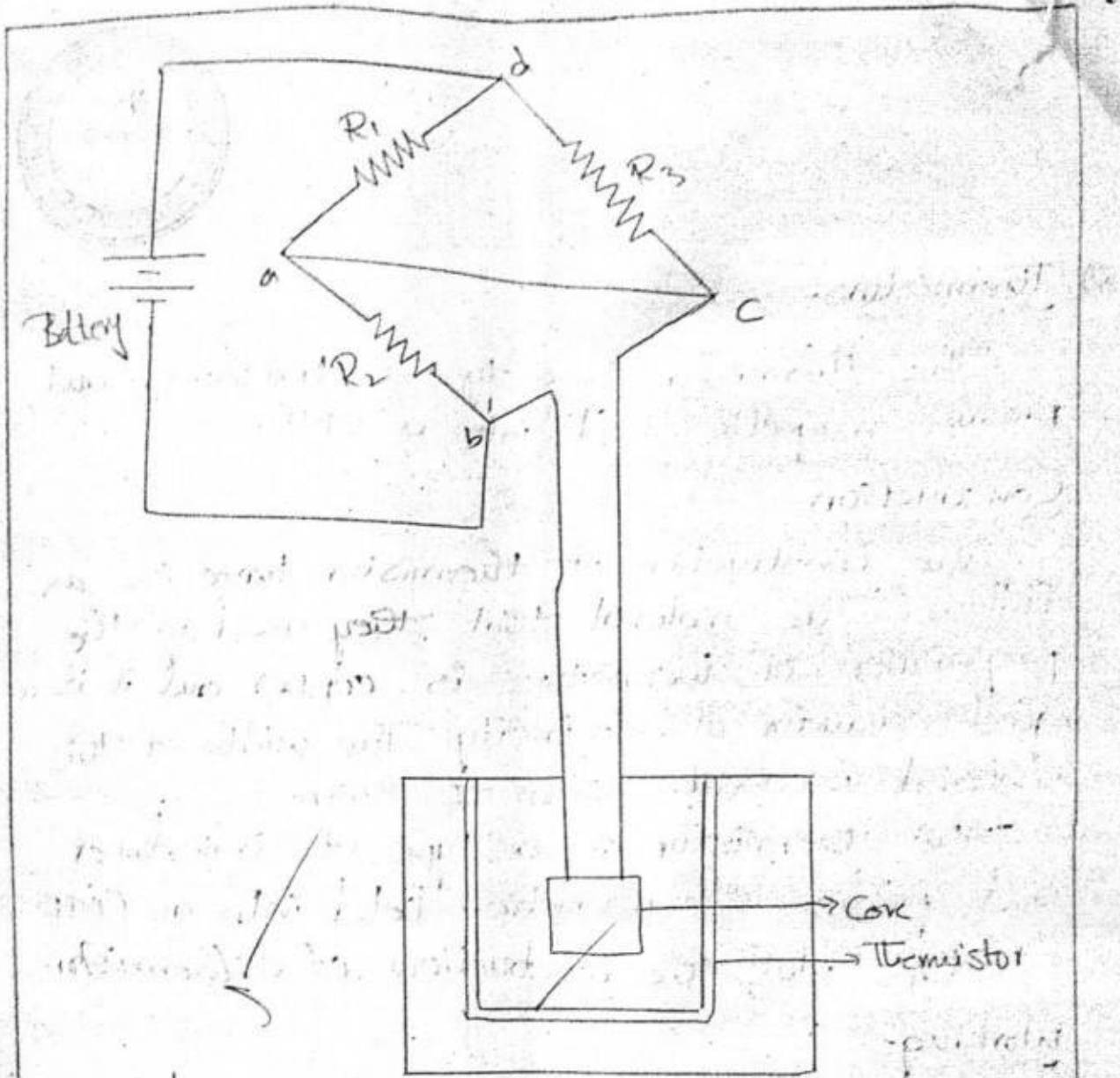
This was the construction of a thermistor.

Working-

The working of a thermistor is as follow. This was worked based on the mutual inductance. The winding should be placed. In this we use a battery also, which is rated about 120V. The power from the battery fed to the circuit to produced an magnetic field into an EMF.

This was the working principle of an Thermistor.

Haril H



Block diagram of Thermistor

Applications -

- The applications of thermistor is as follows
- * They are used in vacuum
 - * They are used in pressure level in liquid.
 - * Also used in electrical supply.

These are the applications of the thermistor.

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RK COLLEGE OF ENGINEERING

Kethanakonda, Ibrahimpatnam (M), VIJAYAWADA - 521 456

MAIN ANSWER SHEET

Total Marks

15

MID (Descriptive) EXAMINATION: 110 Year & Semester: III/II

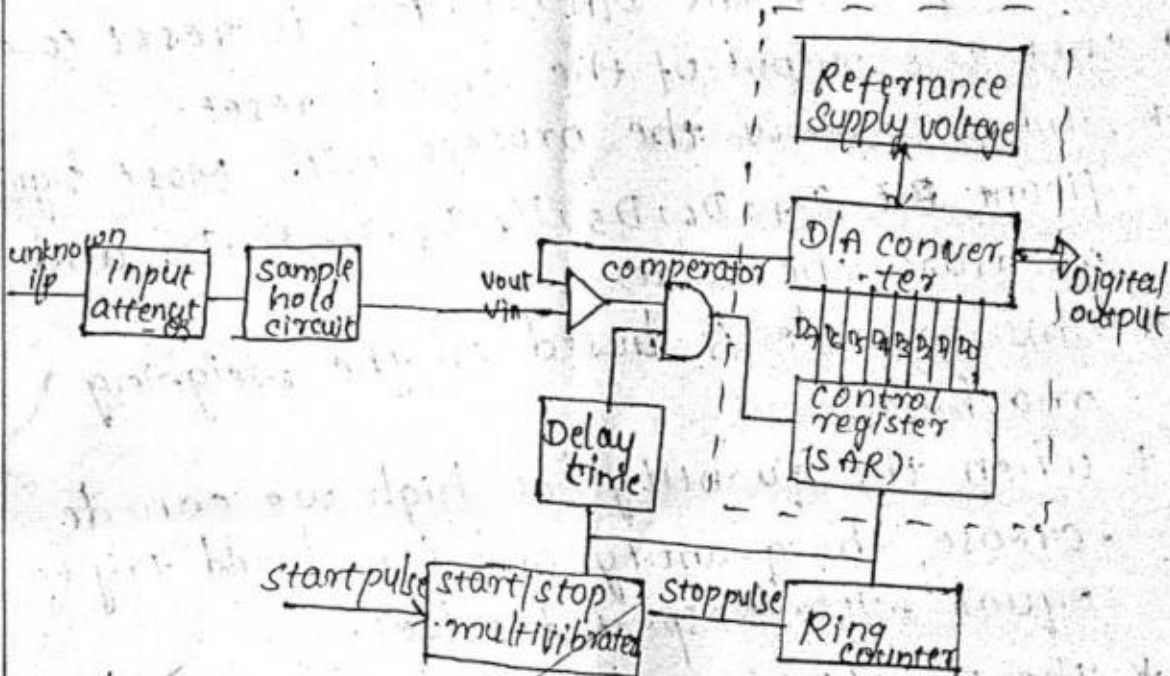
Q.No.	1	2	3	4	5
Marks	5	5	5		

Name: S. Rama Devi No. of Additional: _____ Date: 20/4/24

Branch: EEE Roll No. 22MC5A0227 Subjeet: EMD

Signature of the Invigilator with Name: Diya

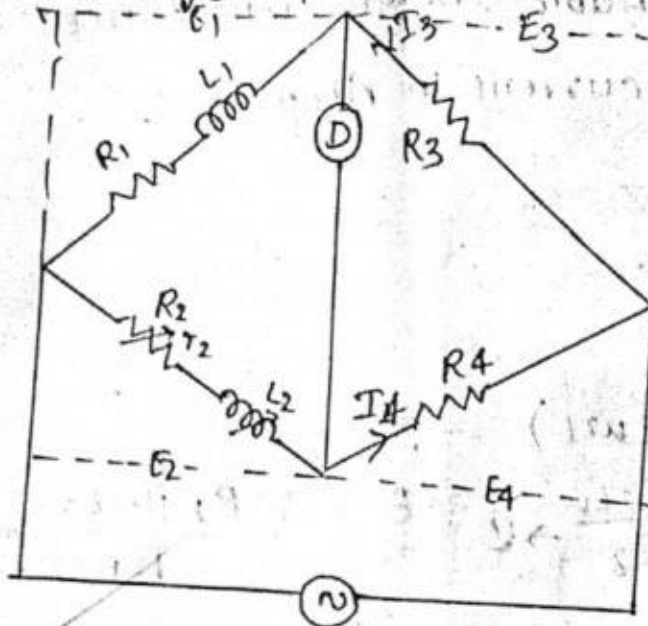
3. Successive Approximation digital voltmeter:



- * The initial pulse is called start pulse
- * The start pulse is connected to start/stop multivibrator.
- * When the supply is given the start/stop multivibrator activates the control register.
- * Then the SAR (successive Approximation digital voltmeter) was cleared.
- * Then the output is 0000000 with the input '0'.
- * The D/A converter also will be '0'.
- * The one of the D/A converter terminals acts as V_{out} the terminal of comparator.
- * The comparator is compared the terminals of the signal with another one.
- * The D/A converter is jump into the reference voltage.

- * If V_{out} is less than V_{in} the output of the comparator is positive
- * the output of the ^{D/A converter} SAR is set to be logic 1.
- * the output of the SAR is 10000000.
- * If V_{in} is greater than V_{out} the output of the comparator is negative.
- * the output of the D/A converter is reset to 0.
- * then the output of the SAR is reset.
- * And continuously the process with Most significant Bit $D_7, D_6, D_5, D_4, D_3, D_2, D_1, D_0$ and measure the values.
- * This principle is based on the weighing machine.
- * when the quantity is high we can decrease the quantity and we should try to equal with respected values.
- * The start/stop multivibrator is connected to Ring counter
- * The purpose of the ring counter is the counting in advance.
- * The unknown voltage is greater than reference voltage. i.e., $\frac{1}{2} + \frac{1}{4} V$
- * The reference voltage is greater than unknown voltage is i.e.; $\frac{1}{2} + \frac{1}{4} = \frac{1}{8}$
- * $\frac{1}{2} V_{out}$
- * The process is continuous till the remaining MSB's is measured
- * The highest MSB D_7 is measured then remaining is to rest position.

1. Maxwell bridge



* The Maxwell bridge consists of inductances and resistances.

* The measuring device is placed middle of the circuit.

* The Resistor R_1 and inductance L_1 is connected in series and resistance R_2, R_4, R_3 with inductance L_1, L_2 is connected in series.

* When we applied the supply to the circuit the current flows through the circuit.

where R_1 = resistance of standard
 R_2 = variable resistance
 L_1 = standard known inductance

Harilal

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$L_2 =$ Variable known inductance
 $I_3, I_4 =$ current in Amps

$$E_1 = E_3$$

$$E_2 = E_4$$

$$E = IR$$

$$E = I(j\omega L)$$

$$E = \frac{IR_1 j\omega L_1}{R_2} \rightarrow \textcircled{1}$$

$$E = I \frac{R_2 j\omega L_2}{R_1} \rightarrow \textcircled{2}$$

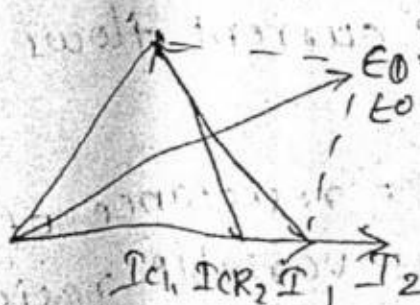
Balancing the above equation:

$$\frac{IR_1 j\omega L_1}{R_2} = I \frac{R_2 j\omega L_2}{R_1}$$

$$\frac{R_1}{R_2} = \frac{R_2 L_2}{R_1 L_1}$$

$$R_1 = \frac{R_2^2 L_2}{R_1 L_1}$$

$$R_1 = \frac{R_2^2 L_2}{R_1 L_1} \Rightarrow \frac{R_1^2 L_1}{R_2^2} = L_2$$



Anil W

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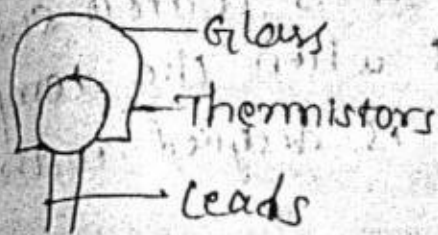
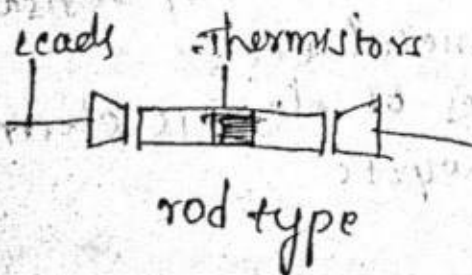
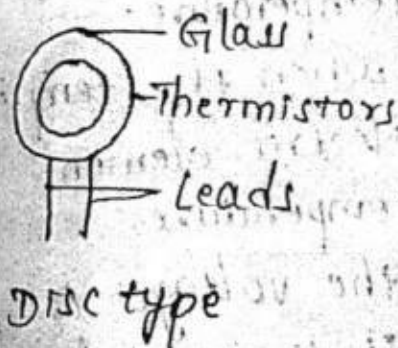
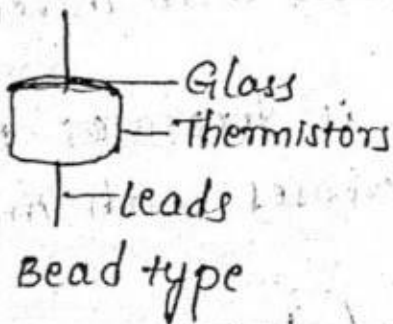
2. Thermistors:

The thermistor is used to measure the temperature.

Principle: The principle is based on the thermistor temperature. The temperature is actually negative coef temperature coefficient increasing with decreasing temperature, decreasing with increasing temperature.

Construction:

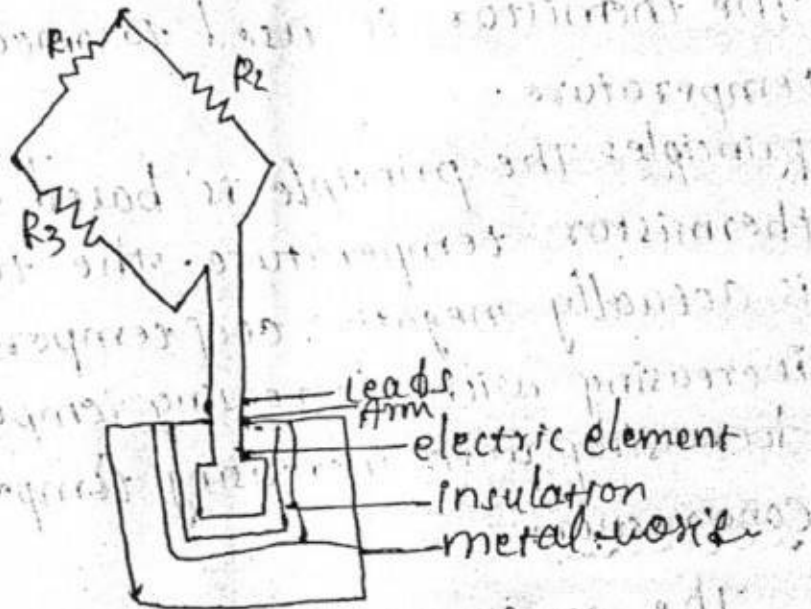
The construction of thermistors is as Bead type, Disc type, rod type etc. The size of the thermistors is 0.03 to 0.25 mm and 0.16 to 0.35 mm etc.



Asif



Working:-



- * The electric element is placed in between the insulation materials
- * When the temperature is increases the electric element is decreases with increasing temperature.
- * when the temperature is decreases the electric element is increases with increasing temperature
- * The voltage is developed because of resistance. It is coated such as metal etc.
- * when the temperatures of electric element is designed with this purpose

Hanil

Coordinator-IQAC
RKCE

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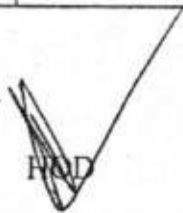
LIST OF WEAK LEARNERS

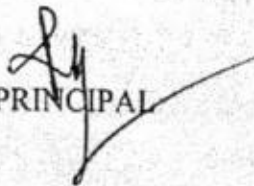
NAME OF THE SUBJECT& CODE: EMI


Based on the Marks of III B.Tech EMI Unit test-I examinations, students who have less than 8 marks they categorized as a weak Learners


List of weak learners			
Sl. No.	Regd. No.	MARKS IN UNIT-I EXAMINATION (20M)	RECOMMANDATION
1	21MC1A0201	0	REMEDIAL CLASSES
2	21MC1A0202	0	REMEDIAL CLASSES
3	21MC1A0203	0	REMEDIAL CLASSES
4	22MC5A0211	6	REMEDIAL CLASSES
5	22MC5A0224	0	REMEDIAL CLASSES


FACULTY


HOD

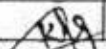







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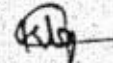

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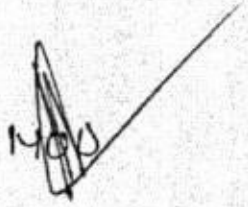

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Remedial Classes for weak learners Attendance


NAME OF THE SUBJECT: Electrical Measurements and Instrumentation (III B.Tech II Sem)


		Topics	Wheat stone bridge	Megger	Schering bridge	Inductance transducer	Thermistors	Pump type DVM	Digital tachometer			
Sl. No.	Regd. No.	Date	1/3/24	11/3/24	22/3/24	24/3/24	8/4/24	22/4/24	24/4/24			
1	21MC1A0201		A	P	P	P	P	P	P			
2	21MC1A0202		P	A	P	P	P	P	P			
3	21MC1A0203		P	P	P	P	P	P	A			
4	22MC5A0211		P	P	P	P	P	P	P			
5	22MC5A0224		P	P	P	A	P	P	P			
SIGNATURE												


Class Incharge




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NOTICE BOARD EEE DEPARTMENT

R K COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
R K COLLEGE OF ENGINEERING

Sl. No.	Name	Roll No.	Grade	Remarks
1	A. Abhishek	10EE01	B	
2	A. Adarsh	10EE02	B	
3	A. Adarsh	10EE03	B	
4	A. Adarsh	10EE04	B	
5	A. Adarsh	10EE05	B	
6	A. Adarsh	10EE06	B	
7	A. Adarsh	10EE07	B	
8	A. Adarsh	10EE08	B	
9	A. Adarsh	10EE09	B	
10	A. Adarsh	10EE10	B	
11	A. Adarsh	10EE11	B	
12	A. Adarsh	10EE12	B	
13	A. Adarsh	10EE13	B	
14	A. Adarsh	10EE14	B	
15	A. Adarsh	10EE15	B	
16	A. Adarsh	10EE16	B	
17	A. Adarsh	10EE17	B	
18	A. Adarsh	10EE18	B	
19	A. Adarsh	10EE19	B	
20	A. Adarsh	10EE20	B	
21	A. Adarsh	10EE21	B	
22	A. Adarsh	10EE22	B	
23	A. Adarsh	10EE23	B	
24	A. Adarsh	10EE24	B	
25	A. Adarsh	10EE25	B	
26	A. Adarsh	10EE26	B	
27	A. Adarsh	10EE27	B	
28	A. Adarsh	10EE28	B	
29	A. Adarsh	10EE29	B	
30	A. Adarsh	10EE30	B	
31	A. Adarsh	10EE31	B	
32	A. Adarsh	10EE32	B	
33	A. Adarsh	10EE33	B	
34	A. Adarsh	10EE34	B	
35	A. Adarsh	10EE35	B	
36	A. Adarsh	10EE36	B	
37	A. Adarsh	10EE37	B	
38	A. Adarsh	10EE38	B	
39	A. Adarsh	10EE39	B	
40	A. Adarsh	10EE40	B	
41	A. Adarsh	10EE41	B	
42	A. Adarsh	10EE42	B	
43	A. Adarsh	10EE43	B	
44	A. Adarsh	10EE44	B	
45	A. Adarsh	10EE45	B	
46	A. Adarsh	10EE46	B	
47	A. Adarsh	10EE47	B	
48	A. Adarsh	10EE48	B	
49	A. Adarsh	10EE49	B	
50	A. Adarsh	10EE50	B	

R K COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
R K COLLEGE OF ENGINEERING

Sl. No.	Name	Roll No.	Grade	Remarks
1	A. Adarsh	10EE01	B	
2	A. Adarsh	10EE02	B	
3	A. Adarsh	10EE03	B	
4	A. Adarsh	10EE04	B	
5	A. Adarsh	10EE05	B	
6	A. Adarsh	10EE06	B	
7	A. Adarsh	10EE07	B	
8	A. Adarsh	10EE08	B	
9	A. Adarsh	10EE09	B	
10	A. Adarsh	10EE10	B	
11	A. Adarsh	10EE11	B	
12	A. Adarsh	10EE12	B	
13	A. Adarsh	10EE13	B	
14	A. Adarsh	10EE14	B	
15	A. Adarsh	10EE15	B	
16	A. Adarsh	10EE16	B	
17	A. Adarsh	10EE17	B	
18	A. Adarsh	10EE18	B	
19	A. Adarsh	10EE19	B	
20	A. Adarsh	10EE20	B	
21	A. Adarsh	10EE21	B	
22	A. Adarsh	10EE22	B	
23	A. Adarsh	10EE23	B	
24	A. Adarsh	10EE24	B	
25	A. Adarsh	10EE25	B	
26	A. Adarsh	10EE26	B	
27	A. Adarsh	10EE27	B	
28	A. Adarsh	10EE28	B	
29	A. Adarsh	10EE29	B	
30	A. Adarsh	10EE30	B	
31	A. Adarsh	10EE31	B	
32	A. Adarsh	10EE32	B	
33	A. Adarsh	10EE33	B	
34	A. Adarsh	10EE34	B	
35	A. Adarsh	10EE35	B	
36	A. Adarsh	10EE36	B	
37	A. Adarsh	10EE37	B	
38	A. Adarsh	10EE38	B	
39	A. Adarsh	10EE39	B	
40	A. Adarsh	10EE40	B	
41	A. Adarsh	10EE41	B	
42	A. Adarsh	10EE42	B	
43	A. Adarsh	10EE43	B	
44	A. Adarsh	10EE44	B	
45	A. Adarsh	10EE45	B	
46	A. Adarsh	10EE46	B	
47	A. Adarsh	10EE47	B	
48	A. Adarsh	10EE48	B	
49	A. Adarsh	10EE49	B	
50	A. Adarsh	10EE50	B	

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R K COLLEGE OF ENGINEERING

Sl. No.	Name	Roll No.	Grade	Remarks
1	A. Adarsh	10EE01	B	
2	A. Adarsh	10EE02	B	
3	A. Adarsh	10EE03	B	
4	A. Adarsh	10EE04	B	
5	A. Adarsh	10EE05	B	
6	A. Adarsh	10EE06	B	
7	A. Adarsh	10EE07	B	
8	A. Adarsh	10EE08	B	
9	A. Adarsh	10EE09	B	
10	A. Adarsh	10EE10	B	
11	A. Adarsh	10EE11	B	
12	A. Adarsh	10EE12	B	
13	A. Adarsh	10EE13	B	
14	A. Adarsh	10EE14	B	
15	A. Adarsh	10EE15	B	
16	A. Adarsh	10EE16	B	
17	A. Adarsh	10EE17	B	
18	A. Adarsh	10EE18	B	
19	A. Adarsh	10EE19	B	
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25	A. Adarsh	10EE25	B	
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33	A. Adarsh	10EE33	B	
34	A. Adarsh	10EE34	B	
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36	A. Adarsh	10EE36	B	
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38	A. Adarsh	10EE38	B	
39	A. Adarsh	10EE39	B	
40	A. Adarsh	10EE40	B	
41	A. Adarsh	10EE41	B	
42	A. Adarsh	10EE42	B	
43	A. Adarsh	10EE43	B	
44	A. Adarsh	10EE44	B	
45	A. Adarsh	10EE45	B	
46	A. Adarsh	10EE46	B	
47	A. Adarsh	10EE47	B	
48	A. Adarsh	10EE48	B	
49	A. Adarsh	10EE49	B	
50	A. Adarsh	10EE50	B	

P DS AI } Before 2-1
Apt.

CSE
↑
ECE
↑
EEE

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Vijayawada, AMARAVATI-521 456



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

Date: 05/10/2023

Dear Parent, Namaskaramulu!

Your son/daughter/ward is studying II-I B.Tech in EEE Branch with Reg. No 23MC5A0213 in our college. Following are the details of academic performance and attendance up to 30/09/2023.

% of Attendance : 82%

Fee Dues: 20,000/-

Internal Marks :

M-IV	EDC	ECA-II	DCMT	EMF	-	Total	%
19	22	22	22	22	-	107	71.33

Analysis of Academic Performance

Year & Sem	No. of Sub Passed	Sub in which failed	Remarks
I-I SEM	/	/	/
I-II SEM	/	/	/
II-I SEM			
II-II SEM			
III-I SEM			
III-II SEM			
IV-I SEM			

As per the university norms:

- > The student has to maintain a minimum of 75% of attendance to get promoted to subsequent semesters/years of study.
- > A minimum of 40% of the credits either up to III-I or III-II from all the examinations are required to be promoted from third year to final year.

You are required to meet the undersigned in case of your son/daughter/ward does not satisfy the above requirements immediately.

Head of the Department

Signature of the Parent

Coordinator-IOAC
Parent's contact number: 9904646760
RKCE



Principal

Signature of the Student

Principal
R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

Date: 22/11/2023

Dear Parent, Namaskaramulu!

Your son/daughter/ward is studying II-I B.Tech in EEE Branch with Reg. No 23MC5A0215 in our college. Following are the details of academic performance and attendance up to 15/11/2023.

% of Attendance : 89%

Fee Dues: 25,000/-

Internal Marks :

M-IV	EDC	ECA-II	DCMT	EMF	-	Total	%
15	16	16	15	15	-	77	51.33

Analysis of Academic Performance

Year & Sem	No. of Sub Passed	Sub in which failed	Remarks
I-I SEM	↗	↗	↗
I-II SEM	↘	↘	↘
II-I SEM			
II-II SEM			
III-I SEM			
III-II SEM			
IV-I SEM			

As per the university norms:

- The student has to maintain a minimum of 75% of attendance to get promoted to subsequent semesters/years of study.
- A minimum of 40% of the credits either up to III-I or III-II from all the examinations are required to be promoted from third year to final year.

You are required to meet the undersigned in case of your son/daughter/ward does not satisfy the above requirements immediately.

Head of the Department

P. Purna chandrasana

Signature of the Parent

Coordinator-IOAC
Parent's contact number: 8919047155
RKCE



Principal

P. Chandrasana
Signature of the Student

PRINCIPAL
R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

Date: 29/09/2023

Dear Parent, Namaskaramulu!

Your son/daughter/ward is studying III-I B.Tech in EEE Branch with Reg. No 22MC5A0220 in our college. Following are the details of academic performance and attendance up to 15/09/2023.

% of Attendance : 83%

Fee Dues: 15,000/-

Internal Marks :

PS-II	PE	CS	UEE	SET	-	Total	%
14	17	13	20	19	-	83	55.33

Analysis of Academic Performance

Year & Sem	No. of Sub Passed	Sub in which failed	Remarks
I-I SEM	/	/	/
I-II SEM	/	/	/
II-I SEM	All pass	-	
II-II SEM	All pass	-	
III-I SEM			
III-II SEM			
IV-I SEM			

As per the university norms:

- > The student has to maintain a minimum of 75% of attendance to get promoted to subsequent semesters/years of study.
- > A minimum of 40% of the credits either up to III-I or III-II from all the examinations are required to be promoted from third year to final year.

You are required to meet the undersigned in case of your son/daughter/ward does not satisfy the above requirements immediately.

R K COLLEGE OF ENGINEERING
Kethanahonda (V), Ibrahimpatnam (M),
Vijayawada - 521456
Head of the Department

P.V. N. Durgarao
Signature of the Parent



P. Tarun
Signature of the Student

Coordinator-IOAC
Parent's contact number: 7766925607
RKCE

PRINCIPAL
R K COLLEGE OF ENGINEERING
Kethanahonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521456



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

Date: 03/11/2023

Dear Parent, Namaskaramulu!

Your son/daughter/ward is studying III-II B.Tech in EEE Branch with Reg. No 22MC5A0228 in our college. Following are the details of academic performance and attendance up to 8/10/2023.

% of Attendance : 71%

Fee Dues: 18,500/-

Internal Marks :

PS-II	PE	CS	UEE	SET	-	Total	%
17	17	17	19	18	-	88	58-66

Analysis of Academic Performance

Year & Sem	No. of Sub Passed	Sub in which failed	Remarks
I-I SEM	/	/	/
I-II SEM	/	/	/
II-I SEM	All Pass	-	
II-II SEM	All Pass	-	
III-I SEM			
III-II SEM			
IV-I SEM			

As per the university norms:

- > The student has to maintain a minimum of 75% of attendance to get promoted to subsequent semesters/years of study.
- > A minimum of 40% of the credits either up to III-I or III-II from all the examinations are required to be promoted from third year to final year.

You are required to meet the undersigned in case of your son/daughter/ward does not satisfy the above requirements immediately.

R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456
Head of the Department

V. Raghunadh
Signature of the Parent



Principal
PRINCIPAL
R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456
Signature of the Student

Coordinator-IQAC
Parent's contact number: 9121946604
RKCE

PRINCIPAL
R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

Date: 13/10/2023

Dear Parent, Namaskaramulu!

Your son/daughter/ward is studying IV-I B.Tech in EEE Branch with Reg. No 21MC5A0212 in our college. Following are the details of academic performance and attendance up to 30/09/2023.

% of Attendance : 78.64

Fee Dues: 24,000/-

Internal Marks :

OHV	FACTS	HEV	SMPC	BMT	AM	Total	%
21	24	25	23	27	25	145	80.5

Analysis of Academic Performance

Year & Sem	No. of Sub Passed	Sub in which failed	Remarks
I-I SEM	/	/	/
I-II SEM	/	/	/
II-I SEM	All pass	-	
II-II SEM	All pass	-	
III-I SEM	All pass	-	
III-II SEM	All pass	-	
IV-I SEM			

As per the university norms:

- > The student has to maintain a minimum of 75% of attendance to get promoted to subsequent semesters/years of study.
- > A minimum of 40% of the credits either up to III-I or III-II from all the examinations are required to be promoted from third year to final year.

You are required to meet the undersigned in case of your son/daughter/ward does not satisfy the above requirements immediately.

RK COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456.
Head of the Department

K. Siva Shankar Reddy
Signature of the Parent



Principal
R K COLLEGE OF ENGINEERING
(AUTONOMOUS)
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456.
Signature of the Student

Principal
R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456

Coordinator-IQAC
Parent's contact number: 1569727328
RKCE



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

Date: 03/10/2023

Dear Parent, Namaskaramulu!

Your son/daughter/ward is studying IV-T B.Tech in EEE Branch with Reg. No 21MC5A0216 in our college. Following are the details of academic performance and attendance up to 30/09/2023.

% of Attendance : 83%

Fee Dues: 16,500/-

Internal Marks :

UHV	FACTS	HEV	SMPC	BMI	AM	Total	%
22	24	23	24	27	18	138	76.6

Analysis of Academic Performance

Year & Sem	No. of Sub Passed	Sub in which failed	Remarks
I-I SEM	/	/	/
I-II SEM	/	/	/
II-I SEM	All pass		
II-II SEM	All pass		
III-I SEM	All pass		
III-II SEM	All pass		
IV-I SEM			

As per the university norms:

- > The student has to maintain a minimum of 75% of attendance to get promoted to subsequent semesters/years of study.
- > A minimum of 40% of the credits either up to III-I or III-II from all the examinations are required to be promoted from third year to final year.

You are required to meet the undersigned in case of your son/daughter/ward does not satisfy the above requirements immediately.

Head of the Department

M. J. Hazith Reddy
Signature of the Parent

Coordinator-IOAC
Parent's contact number: 8304899020
RKCE



Principal
M. Akhila
Signature of the Student

PRINCIPAL
R K COLLEGE OF ENGINEERING
(AUTONOMOUS)
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

Date: 21/03/2024

Dear Parent, Namaskaramulu!

Your son/daughter/ward is studying II-II B.Tech in EEE Branch with Reg. No 23 MC5A0213 in our college. Following are the details of academic performance and attendance up to 5/03/2024.

% of Attendance : 86%

Fee Dues: 7,780/-

Internal Marks :

PP	DE	PS-1	I & SM	MEFA	-	Total	%
17	21	20	23	21	-	102	68

Analysis of Academic Performance

Year & Sem	No. of Sub Passed	Sub in which failed	Remarks
I-I SEM	/	/	/
I-II SEM	/	/	/
II-I SEM	All pass	-	
II-II SEM			
III-I SEM			
III-II SEM			
IV-I SEM			

As per the university norms:

- > The student has to maintain a minimum of 75% of attendance to get promoted to subsequent semesters/years of study.
- > A minimum of 40% of the credits either up to III-I or III-II from all the examinations are required to be promoted from third year to final year.

You are required to meet the undersigned in case of your son/daughter/ward does not satisfy the above requirements immediately.

R K COLLEGE OF ENGINEERING
Head of the Department

Signature of the Parent



Principal
R K COLLEGE OF ENGINEERING
(AUTONOMOUS)
Signature of the Student

Coordinator-IOAC
Parent's contact number: 97041646760
RKCE

PRINCIPAL
R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

Date: 28/02/2024

Dear Parent, Namaskaramulu!

Your son/daughter/ward is studying II-II B.Tech in EEE Branch with Reg. No 23MC5A0211 in our college. Following are the details of academic performance and attendance up to 15/02/2024.

% of Attendance : 78%

Fee Dues: 18,500/-

Internal Marks :

PP	DE	PS-1	IPSM	MEFA	-	Total	%
18	22	21	23	20	-	104	69.33

Analysis of Academic Performance

Year & Sem	No. of Sub Passed	Sub in which failed	Remarks
I-I SEM			
I-II SEM			
II-I SEM	All pass	-	
II-II SEM			
III-I SEM			
III-II SEM			
IV-I SEM			

As per the university norms:

- > The student has to maintain a minimum of 75% of attendance to get promoted to subsequent semesters/years of study.
- > A minimum of 40% of the credits either up to III-I or III-II from all the examinations are required to be promoted from third year to final year.

You are required to meet the undersigned in case of your son/daughter/ward does not satisfy the above requirements immediately.

Head of the Department

Sk. Ikhaja Hussain
Signature of the Parent



Principal
R K COLLEGE OF ENGINEERING
(AUTONOMOUS)
Sk. Shikshavali
Signature of the Student

Coordinator-IOAC
Parent's contact number: 1121284719
RKCE

PRINCIPAL
R K COLLEGE OF ENGINEERING
Kelhanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

Date: 8/04/2024

Dear Parent, Namaskaramulu!

Your son/daughter/ward is studying III-II B.Tech in EEE Branch with Reg. No 22MC5A0227 in our college. Following are the details of academic performance and attendance up to 31/03/2024.

% of Attendance : 84

Fee Dues: 13,000/-

Internal Marks :

MPMC	EM&I	PSA	SGP	IOEAPP	-	Total	%
15	17	22	22	25	-	101	67.33

Analysis of Academic Performance

Year & Sem	No. of Sub Passed	Sub in which failed	Remarks
I-I SEM	/	/	/
I-II SEM	/	/	/
II-I SEM	All pass	-	
II-II SEM	All pass	-	
III-I SEM	All pass	-	
III-II SEM			
IV-I SEM			

As per the university norms:

- > The student has to maintain a minimum of 75% of attendance to get promoted to subsequent semesters/years of study.
- > A minimum of 40% of the credits either up to III-I or III-II from all the examinations are required to be promoted from third year to final year.

You are required to meet the undersigned in case of your son/daughter/ward does not satisfy the above requirements immediately.

Head of the Department

S. S. Rao
Signature of the Parent

Parent's contact number: 8294274301
Coordinator-IOAC
RKCE



Principal
R K COLLEGE OF ENGINEERING
(AUTONOMOUS)
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521456
S. Rama Devi
Signature of the Student

Principal
R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521456



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

Date: 15/03/2024

Dear Parent, Namaskaramulu!

Your son/daughter/ward is studying III-II B.Tech in EEE Branch with Reg. No 22MC5A0214 in our college. Following are the details of academic performance and attendance up to 30/02/2024.

% of Attendance : 79

Fee Dues: 10,500/-

Internal Marks :

MPMC	EM&I	PSA	SGP	IOT&APP	-	Total	%
14	12	23	20	20	-	89	59.33

Analysis of Academic Performance

Year & Sem	No. of Sub Passed	Sub in which failed	Remarks
I-I SEM	/	/	/
I-II SEM	/	/	/
II-I SEM	All pass	-	
II-II SEM	All pass	-	
III-I SEM	All pass	-	
III-II SEM			
IV-I SEM			

As per the university norms:

- > The student has to maintain a minimum of 75% of attendance to get promoted to subsequent semesters/years of study.
- > A minimum of 40% of the credits either up to III-I or III-II from all the examinations are required to be promoted from third year to final year.

You are required to meet the undersigned in case of your son/daughter/ward does not satisfy the above requirements immediately.

RK COLLEGE OF ENGINEERING
 Kethanakonda (V), Ibrahimpatnam (M),
 Vijayawada (A), AP-521 456.
 Head of the Department

K. Yella Krishna
 Signature of the Parent
Handwritten signature



Principal
 RK COLLEGE OF ENGINEERING
 (AUTONOMOUS)
 Kethanakonda (V), Ibrahimpatnam (M),
 Vijayawada (A), AP-521 456.
 Signature of the Student
Handwritten signature

Principal
 RK COLLEGE OF ENGINEERING
 Kethanakonda (V), Ibrahimpatnam (M),
 Vijayawada, AMARAVATI-521 456

Parent's Contact Number 9800874412
 RKCE



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Report on syllabus coverage from 17/7/23 to 16/9/23

Academic year: 2023-24

Year/ Sem: III / I

S.NO	SUBJECT NAME	FACULTY NAME	SYLLABUS COVERAGE	REASON FOR SHORT FALL	SIGNATURE
1	PS-II	B. Veera Babu	2.5	-	<i>[Signature]</i>
2	PE	P. Rajesh	2.5	-	<i>P. Rajesh</i>
3	CS	SK. Arif	2.5	-	<i>[Signature]</i>
4	SET	M. Nukaraju	2.0	Large syllabus	<i>[Signature]</i>
5	VEE	SK. Nurilla	2.5	-	<i>[Signature]</i>
6	CS Lab	SK. Arif	5 Exp	-	<i>[Signature]</i>
7	PE Lab	P. Rajesh	5 Exp	-	<i>P. Rajesh</i>
8	SSC: Employability skills	Dr. R. Sujatha Renu	2.5	-	<i>[Signature]</i>
9	ES	Devi	2.5	-	<i>[Signature]</i>
10					

HOD

[Signature]
Coordinator-IQAC
RKCE



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R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456.

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Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Report on syllabus coverage from 2/10/2023 to 25/11/2023

Academic year: 2023-24

Year/ Sem: II / I

S.NO	SUBJECT NAME	FACULTY NAME	SYLLABUS COVERAGE	REASON FOR SHORT FALL	SIGNATURE
1	M-IV	K. Naga Babu	5	-	KNB
2	EDC	Dr. P. Vamsi Krishna	5	-	VK
3	ECA-II	Ch. Jhansi	5	-	Ch. Jhansi
4	DCMT	N. Radhika	5	-	N. Radhika
5	EMF	D. D. V. Prasad	5	-	Prasad
6	EC Lab	Ch. Jhansi	10 exp	-	Ch. Jhansi
7	DCMT Lab	N. Radhika	10 exp	-	N. Radhika
8	EDC Lab	SK. John suda	10 exp	-	John
9	SOC	SK. Nurilla	10 exp	-	Nurilla
10	PE & HV	Raju	5	-	Raju

HOD

[Signature]

Coordinator-IQAC
RKCE



[Signature]
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R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456.

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R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Report on syllabus coverage from 7/8/2023 to 30/9/2023

Academic year: 2023-24

Year/ Sem: II / I

S.NO	SUBJECT NAME	FACULTY NAME	SYLLABUS COVERAGE	REASON FOR SHORT FALL	SIGNATURE
1	M-IV	K. Naga Baby	2.5	-	<i>K. Naga Baby</i>
2	EDC	Dr. P. Vamsi Krishna	2.5	-	<i>Dr. P. Vamsi Krishna</i>
3	ECA-II	Ch. Jhansi	2.5	-	<i>Ch. Jhansi</i>
4	DCMT	N. Radhika	2.5	-	<i>N. Radhika</i>
5	EMF	D. D. V. Prasad	2.0	heavy syllabus	<i>D. D. V. Prasad</i>
6	EC Lab	Ch. Jhansi	5 Exp	-	<i>Ch. Jhansi</i>
7	DCMT Lab	N. Radhika	5 Exp	-	<i>N. Radhika</i>
8	EDC Lab	SK. John saida	5 Exp	-	<i>SK. John saida</i>
9	SOC	SK. Nurilla	5 Exp	-	<i>SK. Nurilla</i>
10	PE & HV	Raju	2.5	-	<i>Raju</i>

[Signature]
HOD

R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456

Coordinator-IQAC
RKCE



[Signature]
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R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Report on syllabus coverage from 25/9/23 to 25/11/23

Academic year: 2023-24

Year/ Sem: III | I

S.NO	SUBJECT NAME	FACULTY NAME	SYLLABUS COVERAGE	REASON FOR SHORT FALL	SIGNATURE
1	PS-II	B. Veera Babu	5	-	
2	PE	P. Rajesh	5	-	
3	CS	SK. Arif	5	-	
4	SET	M. Nukaraju	5	-	
5	UEE	SK. Nurilla	5	-	
6	CS Lab	SK. Arif	10 Exp	-	
7	PE Lab	P. Rajesh	10 Exp	-	
8	SSC: Employability skills	Dr. R. Sathya Arani	5	-	
9	ES	D. Devi	5	-	
10					

HOD

Coordinator-IQAC
RKCE



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R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456.

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R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Report on syllabus coverage from 17/7/23 to 16/09/23

Academic year: 2023-24 Year: Sem: IV/I

S.NO	SUBJECT NAME	FACULTY NAME	SYLLABUS COVERAGE	REASON FOR SHORT FALL	SIGNATURE
1	HEV	M. Uday Kiran	2.5	-	
2	FACTS	M. Jagesh Kumar	2.0	Large Syllabus	M. Jagesh
3	SMP C	B R. Narendra	2.5	-	B.R.
4	BMI	Dr. Harish	2.5	-	Harish
5	AMF	B. Joseph sathya paul	2.5	-	
6	UHV- 2	Dr. R. Sujatha Rani	2.5	-	
7	SACS ML Lab	Dharmureaju	5 EEs.	-	Dh
8	Project/Intn.	SK. Arif	-	-	SK

HOD

HOD EEE
R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456.

Coordinator-IQAC
RKCE



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R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456.

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R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456



R K COLLEGE OF ENGINEERING

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Report on syllabus coverage from 25/09/23 to 25/11/2023

Academic year: 2023-24

Year/ Sem: IV/1

S.NO	SUBJECT NAME	FACULTY NAME	SYLLABUS COVERAGE	REASON FOR SHORT FALL	SIGNATURE
1	HEV	M. Uday Kiran	5	-	
2	FACTS	M. Jayesh Kumar	5	-	
3	SMPC	B.R. Narendra	5	-	
4	BMI	Dr. Harish	5	-	
5	AMF	B. Joseph Sathya Paul	5	-	
6	UHV-2	Dr. R. Sujatha Rani	5	-	
7	SAC: ML-Lab	Dhanurega	10 Exp	-	
8	Project	SK. Arif/Inter	5	-	
9					
10					

HOD

Coordinator-IQAC
RKCE



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R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456.
PRINCIPAL
R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Report on syllabus coverage from 27/12/23 to 17/2/24

Academic year: 2023-24

Year/ Sem: II / II

S.NO	SUBJECT NAME	FACULTY NAME	SYLLABUS COVERAGE	REASON FOR SHORT FALL	SIGNATURE
1	PP	D. Sudha Rani	2.5	-	Sil
2	DE	Dr. R. Divya	2.5	-	R. Divya
3	PS-1	M. Uday Kisan	2.5	-	
4	ISM	D. D. V. Prasad	2.5	-	Prasad
5	MEFA	K. Shankar	2.5	-	Shankar
6	PP Lab	D. Sudha Rani	2.5 Exp	-	Sil
7	ISM Lab	D. D. V. Prasad	5 Exp	-	Prasad
8	DE Lab	Dr. R. Divya	5 Exp	-	R. Divya
9	SOC-IOT Lab	M. Jayesh Kumar	5 Exp	-	M. Jayesh
10					

HOD

Coordinator-IQAC
RKCE



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R K COLLEGE OF ENGINEERING
Kethanakonda (V), Hanumanpatnam (M),
Vijayawada (V), (Bhanupatnam),
Vijayawada, AMARAVATI-521 456.



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Report on syllabus coverage from 19/2/24 to 13/4/24

Academic year: 2023-24

Year/ Sem: II / II

S.NO	SUBJECT NAME	FACULTY NAME	SYLLABUS COVERAGE	REASON FOR SHORT FALL	SIGNATURE
1	PP	D. Sudha Rani	5	-	Sh
2	DE	Dr. R. Divya	5	-	R. Divya
3	PS-1	M. Uday Kiran	5	-	
4	ISM	D. D. V. Prasad	5	-	Prasad
5	MEFA	K. Shankar	5	-	Sh
6	PP Lab	D. Sudha Rani	10 Exp	-	Sh
7	ISM Lab	D. D. V. Prasad	10 Exp	-	Prasad
8	DE Lab	Dr. R. Divya	10 Exp	-	R. Divya
9	SOC-IOT Lab	M. Jayesh Kumar	10 Exp	-	M. Jayesh
10					

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Coordinator-IQAC
RKCE



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R K COLLEGE OF ENGINEERING
Kethanakonda (V), Ibrahimpatnam (M),
Vijayawada, AMARAVATI-521 456.



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Report on syllabus coverage from 01/1/24 to 24/2/24

Academic year: 2023-24 Year: Sem: III / II

S.NO	SUBJECT NAME	FACULTY NAME	SYLLABUS COVERAGE	REASON FOR SHORT FALL	SIGNATURE
1	MPMC	Dr. R. Divya	2.5	-	R. Divya
2	EMI	SK. Nurilla	2	Large syllabus	Nurilla
3	PSA	N. Radhika	2.5	-	N. Radhika
4	SGP	Ch. Jhansi	2.5	-	Ch. Jhansi
5	IOT	M. Jayesh Kumar	2.5	-	M. Jayesh
6	EMI Lab	R. Arun sajar	5 Exp	-	A
7	MPMC Lab	Dr. R. Divya	5 Exp	-	R. Divya
8	PSS Lab	Ch. Jhansi	5 Exp	-	Ch. Jhansi
9	SAC: ML Lab	Dhama Raj.	5 Exp	-	Dh
10	RM	Dr. Harish	2.5	-	Harish

HOD

R K COLLEGE OF ENGINEERING
Kethanakonda (V), Brahmapatnam (M),
Vijayawada, AMARAVATI-521 456

Coordinator-IQAC
RKCE



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PRINCIPAL
R K COLLEGE OF ENGINEERING
Kethanakonda (V), Brahmapatnam (M),
Vijayawada, AMARAVATI-521 456



R K COLLEGE OF ENGINEERING

(Accredited by NAAC with 'A' Grade)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Report on syllabus coverage from 14/03/24 to 27/04/24

Academic year: 2023-24

Year/ Sem: III III

S.NO	SUBJECT NAME	FACULTY NAME	SYLLABUS COVERAGE	REASON FOR SHORT FALL	SIGNATURE
1	MPMC	Dr. R. Divya	5	-	R. Divya
2	EMI	SK. Nurilla	5	-	Nurilla
3	PSA	N. Radhika	5	-	N. Radhika
4	SGP	Ch. Jhansi	5	-	Ch. Jhansi
5	IOT	M. Jayesh Kumar	5	-	M. Jayesh
6	EMI Lab	R. Arun Sagar	10	-	Arun Sagar
7	MPMC Lab	Dr. R. Divya	10	-	R. Divya
8	PSS Lab	Ch. Jhansi	10	-	Ch. Jhansi
9	ML Lab	Phanushree	10	-	Phanushree
10	RM	Dr. Harish	5	-	Harish

HOD

Coordinator-IQAC
RKCE



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

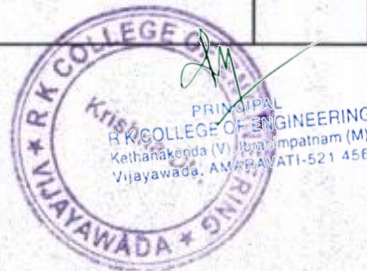
PROJECT REVIEW - 1

ACADEYEAR : 2023-24

YEAR/SEM : IV-II SEM

S.NO	HALL TICKET NO	NAME OF THE STUDENT	PROJECT TITLE	DRESS CODE (10)	PREPARATION (20)	PRESENTATION (20)	VIVA(10)	TOTAL (60)
1	20MC1A0201	C.PRATAP REDDY	Control of reduced-rating Dyanamic voltage restorer with a battery energy storage system	10	15	16	9	50
2	21MC5A0202	B.KALYANI	Dynamic voltage restorer(DVR) for voltage sag mitigation	9	16	17	9	51
3	21MC5A0204	B.GEETH PAVAN KUMAR	Dynamic voltage restorer(DVR) for voltage sag mitigation	9	14	15	6	44
4	21MC5A0205	CH.RAMA DURGA PRASAD	Control of reduced-rating Dyanamic voltage restorer with a battery energy storage system	10	19	19	10	58
5	21MC5A0206	D.DEVLA NAYAK	Five level inverter for renewable power generation	10	16	15	9	50

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6	21MC5A0208	G.SRINIVAS GANGADHAR	Five level inverter for renewable power generation	10	18	20	10	58
7	21MC5A0209	I.JAYASURYA	Five level inverter for renewable power generation	10	20	18	9	57
8	21MC5A0210	J.NARASIMHA RAO	Dynamic voltage restorer(DVR) for voltage sag mitigation	10	18	18	8	54
9	21MC5A0212	K.SAI KUMARI	Control of reduced-rating Dyanamic voltage restorer with a battery energy storage system	10	20	19	10	59
10	21MC5A0215	M.ABHISHEK KUMAR	Dynamic voltage restorer(DVR) for voltage sag mitigation	10	16	15	9	50
11	21MC5A0216	M.AKHILA	Control of reduced-rating Dyanamic voltage restorer with a battery energy storage system	10	18	19	10	57
12	21MC5A0217	N.MOHAN KRISHNA	Simulation comparision and implementation of induction generator wind power systems	9	18	18	9	54
13	21MC5A0218	P.NAGA BABU	Modeling of photovoltaic MPPT Lead Acid Battery charge controller for standalone system Applications	5	14	15	5	39
14	21MC5A0219	S.NAGA ALEKHYA	simulation comparision and implementation of induction generator wind power systems	10	18	18	9	55
15	21MC5A0220	T.DURGA MALLES	Simulation comparision and implementation of induction generator wind power systems	10	19	19	9	57

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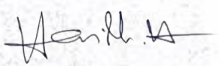
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16	21MC5A0222	T.AJAY	Simulation comparision and implementation of induction generator wind power systems	10	18	19	8	55
17	21MC5A0223	T.GANGA RAJU	Dynamic voltage restorer(DVR) for voltage sag mitigation	10	19	17	8	54
18	21MC5A0224	J.DAYE SRIJA	Five level inverter for renewable power generation	10	17	19	10	56
19	21KR5A0203	D.BALU	Modeling of photovoltaic MPPT Lead Acid Battery charge controller for standalone system Applications	10	16	18	9	53
20	21KR5A0209	P.HARSHA VARDHAN	Simulation comparision and implementation of induction generator wind power systems	10	19	18	10	57
21	21A45A0204	BRAHMACHARI	Modeling of photovoltaic MPPT Lead Acid Battery charge controller for standalone system Applications	10	14	16	9	49
22	21A45A0208	V.GOPICHAND	Modeling of photovoltaic MPPT Lead Acid Battery charge controller for standalone system Applications	10	16	14	9	49


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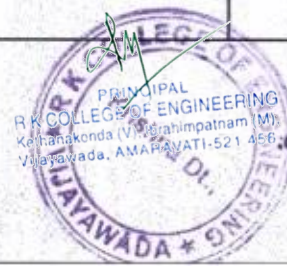
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING PROJECT REVIEW - 2

ACADEYEAR : 2023-24

YEAR/SEM : IV-II SEM

S.NO	HALL TICKET NO	NAME OF THE STUDENT	PROJECT TITLE	DRESS CODE (10)	PREPARATION (20)	PRESENTATION (20)	VIVA(10)	TOTAL (60)
1	20MC1A0201	C.PRATAP REDDY	Control of reduced-rating Dyanamic voltage restorer with a battery energy storage system	10	16	17	9	52
2	21MC5A0202	B.KALYANI	Dynamic voltage restorer(DVR) for voltage sag mitigation	10	16	18	9	53
3	21MC5A0204	B.GEETH PAVAN KUMAR	Dynamic voltage restorer(DVR) for voltage sag mitigation	9	15	15	7	46
4	21MC5A0205	CH.RAMA DURGA PRASAD	Control of reduced-rating Dyanamic voltage restorer with a battery energy storage system	10	20	20	10	60
5	21MC5A0206	D.DEVLA NAYAK	Five level inverter for renewable power generation	10	17	16	9	52

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6	21MC5A0208	G.SRINIVAS GANGADHAR	Five level inverter for renewable power generation	10	20	20	10	60
7	21MC5A0209	I.JAYASURYA	Five level inverter for renewable power generation	10	20	19	10	59
8	21MC5A0210	J.NARASIMHA RAO	Dynamic voltage restorer(DVR) for voltage sag mitigation	10	18	19	9	56
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13	21MC5A0218	P.NAGA BABU	Modeling of photovoltaic MPPT Lead Acid Battery charge controller for standalone system Applications	5	15	16	5	41
14	21MC5A0219	S.NAGA ALEKHYA	simulation comparision and implementation of induction generator wind power systems	10	19	19	9	57
15	21MC5A0220	T.DURGA MALLESH	Simulation comparision and implementation of induction generator wind power systems	10	20	19	10	59



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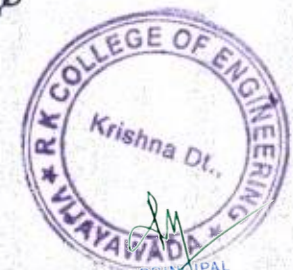
16	21MC5A0222	T.AJAY	Simulation comparision and implementation of induction generator wind power systems	10	19	19	9	57
17	21MC5A0223	T.GANGA RAJU	Dynamic voltage restorer(DVR) for voltage sag mitigation	10	15	15	8	48
18	21MC5A0224	J.DAYE SRIJA	Five level inverter for renewable power generation	10	19	19	10	58
19	21KR5A0203	D.BALU	Modeling of photovoltaic MPPT Lead Acid Battery charge controller for standalone system Applications	10	18	18	9	55
20	21KR5A0209	P.HARSHA VARDHAN	Simulation comparision and implementation of induction generator wind power systems	10	20	19	10	59
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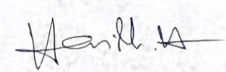

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