

# VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY



(Sponsored by SARASWATHI VIDYA PEETAM)  
(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)  
Certified by ISO 9001:2015:: Accredited by NAAC with 'B+' Grade.  
NUNNA-521212, Vijayawada Rural, Krishna Dt., A.P. India.  
E-mail-principal.vcet@gmail.com, Website: <http://www.vikasinstitutionsnunna.org/>



1.1.1. The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic Calendar and conduct of Continuous Internal Assessment.

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Website: www.jntuk.edu.in  
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### Directorate of Academic Planning

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003, Andhra Pradesh, INDIA  
(Established by AP Government Act No. 30 of 2008)

Lr. No. DAP/AC/I Year /B. Tech/2022

Date 23.09.2022

**Dr. KVSG Murali Krishna,**  
M.E., Ph.D.,

**Director, Academic Planning**  
**JNTUK, Kakinada**

To  
All the Principals of Affiliated Colleges,  
JNTUK, Kakinada.

#### Academic Calendar for I Year - B. Tech for the AY 2022-23

I SEMESTER			
Description	From	To	Weeks
<b>Commencement of Class Work</b>	<b>26.09.2022</b>		
Induction Classes	26.09.2022	15.10.2022	3W
I Unit of Instruction	17.10.2022	10.12.2022	8W
I Mid Examinations	05.12.2022	10.12.2022	
II Unit of Instructions	12.12.2022	04.02.2023	8W
II Mid Examinations	30.01.2023	04.02.2023	
Preparation & Practicals	06.02.2023	11.02.2023	1W
End Examinations	13.02.2023	25.02.2023	2W
<b>Commencement of II Semester Class Work</b>	<b>27.02.2023</b>		
II SEMESTER			
I Unit of Instructions	<b>27.02.2023</b>	22.04.2023	8W
I Mid Examinations	17.04.2023	22.04.2023	
II Unit of Instructions	24.04.2023	17.06.2023	8W
II Mid Examinations	12.06.2023	17.06.2023	
Preparation & Practicals	19.06.2023	24.06.2023	1W
End Examinations	26.06.2023	08.07.2023	2W

*KVSG*  
*23/9/22*  
Director,  
Academic & Planning,  
JNTUK Kakinada

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Copy to Director of Evaluation, JNTUK



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### Directorate of Academic Planning

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

KAKINADA-533003, Andhra Pradesh, INDIA

(Established by AP Government Act No. 30 of 2008)

Lr. No. DAP/AC/II Year /B. Tech/B. Pharmacy/2022

Date 20.08.2022

**Dr. KVSG Murali Krishna,**  
M.E, Ph.D.,

**Director, Academic Planning**  
**JNTUK, Kakinada**

To  
All the Principals of Affiliated Colleges,  
JNTUK, Kakinada.

#### Academic Calendar for II Year - B. Tech/B. Pharmacy for the AY 2022-23 (2021-22 Admitted Batch)

I SEMESTER			
Description	From	To	Weeks
<b>Community Service Project</b>	<b>22.08.2022</b>	03.09.2022	2W
I Unit of Instruction	05.09.2022	29.10.2022	8W
I Mid Examinations	24.10.2022	29.10.2022	
II Unit of Instructions	31.10.2022	24.12.2022	8W
II Mid Examinations	19.12.2022	24.12.2022	
Preparation & Practicals	26.12.2022	31.12.2022	1W
End Examinations	02.01.2023	14.01.2023	2W
Commencement of II Semester Class Work	<b>16.01.2023</b>		
II SEMESTER			
I Unit of Instructions	<b>16.01.2023</b>	11.03.2023	8W
I Mid Examinations	06.03.2023	11.03.2023	
II Unit of Instructions	13.03.2023	06.05.2023	8W
II Mid Examinations	01.05.2023	06.05.2023	
Preparation & Practicals	08.05.2023	13.05.2023	1W
End Examinations	15.05.2023	27.05.2023	2W

\* As per the APSCHE Guidelines Out of the Total 180 hours of Community Service Project leading to 4 Credits, two weeks will be offline and remaining project work can be done during the II-I semester weekends and holidays.

  
20/8/22

**Director**  
**Academic Planning**  
**JNTUK Kakinada**

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## Directorate of Academic Planning

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KAKINADA-533003, Andhra Pradesh, INDIA  
(Established by AP Government Act No. 30 of 2008)

Lr. No. DAP/AC/III Year /B. Tech/B. Pharmacy/2022

Date 14.09.2022

**Dr. KVSG Murali Krishna,**  
M.E, Ph.D.,

**Director, Academic Planning**  
**JNTUK, Kakinada**

To  
All the Principals of Affiliated Colleges,  
JNTUK, Kakinada.

### Academic Calendar for III Year - B. Tech/B. Pharmacy for the AY 2022-23 (2020-21 Admitted Batch)

I SEMESTER			
Description	From	To	Weeks
<b>Community Service Project</b>	<b>15.07.2022</b>	30.07.2022	2W
I Unit of Instruction	01.08.2022	24.09.2022	8W
I Mid Examinations	26.09.2022	01.10.2022	1W
II Unit of Instructions	03.10.2022	26.11.2022	8W
II Mid Examinations	28.11.2022	03.12.2022	1W
Preparation & Practicals	05.12.2022	10.12.2022	1W
End Examinations	12.12.2022	25.12.2022	2W
Commencement of II Semester Class Work	<b>02.01.2023</b>		
II SEMESTER			
I Unit of Instructions	<b>02.01.2023</b>	25.02.2023	8W
I Mid Examinations	27.02.2023	04.03.2023	1W
II Unit of Instructions	06.03.2023	29.04.2023	8W
II Mid Examinations	01.05.2023	06.05.2023	1W
Preparation & Practicals	08.05.2023	13.05.2023	1W
End Examinations	15.05.2023	27.05.2023	2W

\* As per the APSICHE Guidelines Out of the Total 180 hours of Community Service Project leading to 4 Credits, two weeks will be offline and remaining project work can be done during the III-I semester weekends and holidays. The summer internship can be done in online cum offline during III-I and III-II semesters.

  
14/9/22

Director,  
Academics & Planning, JNTUK  
Director  
Academic Planning  
JNTUK Kakinada

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**Directorate of Academic Planning**  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003, Andhra Pradesh, INDIA  
(Established by AP Government Act No. 30 of 2008)

Lr. No. DAP/AC/IV Year /B. Tech/B. Pharmacy/2022

Date 25.06.2022

**Dr. KVSG Murali Krishna,**  
M.E, Ph.D.,  
**Director, Academic Planning**  
**JNTUK, Kakinada**

To  
All the Principals of Affiliated Colleges,  
JNTUK, Kakinada.

**Academic Calendar for IV Year - B. Tech/B. Pharmacy for the AY 2022-23**

I SEMESTER			
Description	From	To	Weeks
<b>Commencement of Class Work</b>	<b>04.07.2022</b>		
I Unit of Instruction	04.07.2022	27.08.2022	8W
I Mid Examinations	29.08.2022	03.09.2022	1W
II Unit of Instructions	05.09.2022	29.10.2022	8W
II Mid Examinations	31.10.2022	05.11.2022	1W
Preparation & Practicals	07.11.2022	12.11.2022	1W
End Examinations	14.11.2022	26.11.2022	2W
<b>Commencement of II Semester Class Work</b>	<b>05.12.2022</b>		
II SEMESTER			
I Unit of Instructions	<b>05.12.2022</b>	28.01.2023	8W
I Mid Examinations	30.01.2023	04.01.2023	1W
II Unit of Instructions	06.01.2023	01.04.2023	8W
II Mid Examinations	03.04.2023	08.04.2023	1W
Preparation & Practicals	10.04.2023	15.04.2023	1W
End Examinations	17.04.2023	29.04.2023	2W

Director, 25/6/22  
Academics & Planning,  
Director  
Academic Planning  
JNTUK Kakinada

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## Directorate of Academic Planning

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

KAKINADA-533003, Andhra Pradesh, INDIA

(Established by AP Government Act No. 30 of 2008)

Lr. No. JNTUK/DAP/RAC/I Year/M.Tech/2022-23

Date: 14-12-2022

**Dr. KVSG Murali Krishna,**

*M.E., Ph.D.,*

**Director, Academic Planning**

**JNTUK, Kakinada**

To

All the Principals of Affiliated Colleges,

JNTUK, Kakinada.

### Revised Academic Calendar of I Year M. Tech/M. Pharmacy Academic year 2022-23

I SEMESTER			
Description	From	To	Weeks
<b>Commencement of Class Work</b>	<b>31.10.2022</b>		
Induction Classes	31.10.2022	05.11.2022	1W
I Unit of Instruction	07.11.2022	31.12.2022	8W
I Mid Examinations	26.12.2022	31.12.2022	
II Unit of Instructions	02.01.2023	25.02.2023	8W
II Mid Examinations	20.02.2023	25.02.2023	
Preparation & Practicals	27.02.2023	04.03.2023	1W
End Examinations	06.03.2023	18.03.2023	2W
Commencement of II Semester Class Work	<b>20.03.2023</b>		
II SEMESTER			
<b>Commencement of Class Work</b>	<b>20.03.2023</b>		
I Unit of Instructions	20.03.2023	29.04.2023	6W
Summer Holidays	01.05.2023	27.05.2023	4W
Continue of I Unit of Instructions	29.05.2023	10.06.2023	2W
I Mid Examinations	05.06.2023	10.06.2023	
II Unit of Instructions	12.06.2023	05.08.2023	8W
II Mid Examinations	31.07.2022	05.08.2023	
Preparation & Practicals	07.08.2023	12.08.2023	1W
End Examinations	14.08.2023	26.08.2023	2W
<b>Commencement of Class Work</b>	<b>04.09.2023</b>		

*KVSG* 14-12-22

**Director Academics & Planning**

**JNTUK Kakinada**

**Director  
Academic Planning  
JNTUK Kakinada**

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**Directorate of Academics and Planning**  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003, Andhra Pradesh, INDIA  
(Established by AP Government Act No. 30 of 2008)

Lr. No. JNTUK/DAP/AC/II Year/M. Tech/2022-23

Date: 07-10-2022

**Dr. KVSG Murali Krishna,**  
*M.E, Ph.D.,*  
**Director, Academics & Planning**  
**JNTUK, Kakinada**

To  
All the Principals of Affiliated Colleges,  
JNTUK, Kakinada.

**Academic Calendar of II Year M. Tech for Academic year 2022-23**

<b>I SEMESTER</b>			
<b>Description</b>	<b>From</b>	<b>To</b>	<b>Weeks</b>
<b>Commencement of Class Work</b>	<b>10.10.2022</b>		
I Unit of Instruction	10.10.2022	03.12.2022	8W
I Mid Examinations	28.11.2022	03.12.2022	
II Unit of Instructions	05.12.2023	28.01.2023	8W
II Mid Examinations	23.01.2023	28.01.2023	
Preparation & Practicals	30.01.2023	04.02.2023	1W
End Examinations	06.02.2023	18.02.2023	2W
<b>Commencement of II Semester Class Work</b>	<b>20.02.2023</b>		
<b>II SEMESTER</b>			
<b>Commencement of Project Work</b>	<b>20.02.2023</b>	27.05.2023	14W
<b>Phase - II</b>			
Thesis submission duration	29.05.2023	24.06.2023	4W

*KVSG*  
Director  
Academic Planning  
JNTUK Kakinada  
7/10/22

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## INSTITUTE CALENDAR

A.Y. : 2022-23

S.No	Activity	Tentative Dates	Remarks
<b>ODD SEMESTER</b>			
1	Preparation of Academic Calendar	04th July, 2022	
2	Preparation of Budget Requirement for Labs, Seminars and Workshops, Guest Lectures, Fest etc.	04th July, 2022	Conducted
3	Preparation of Time Tables	07th July, 2022	
4	Preparation of Roll Lists	08th July, 2022	Conducted
5	Review of Results of even semester	As and when results are declared	
6	Allocation of Students to Faculty for Counselling	14th July, 2022	
7	Allocation of Project Batches	20th July, 2022	Conducted
8	HOD and Faculty meeting	17th July, 2022	Conducted
9	Allocation of In-charges and other faculty to various Committees	14th July, 2022	
10	Add on Courses	Plan as per requirement in the odd Semester	Conducted
11	Commencement of class work	04th July, 2022	
12	Selection of CRs	08th July, 2022	Conducted
13	HOD Meeting with CRs	08th July, 2022	Conducted
14	UG & PG Project Reviews	02nd Sept 2022 to 05th Sept 2022 & 20th Nov 2022 to 24th Nov 2022	Conducted
15	Industrial Visits	If any in the odd semester	Conducted
16	I Mid Examinations (odd semester)	29-08-2022 to 03-09-2022	
17	Review of I Mid Exam Results	08-09-2022	
18	Make up or Remedial Classes	10-09-2022 & 11-10-2022	Conducted
19	II Mid Examinations (odd semester)	31-10-2022 to 05-11-2022	
20	Internal Lab Examinations	20-11-2022 to 28-10-2022	



21	Course End Survey	04-11-2022	Conducted
22	Feedback on Faculty (Format I & II) by HOD	05-11-2022	Conducted
23	Selection of Electives by the Students for next Semester	31-10-2022 – 25-11-2022	Conducted
24	External Lab Examinations	07-11-2022 – 12-11-2022	
25	Semester End Examinations	14-11-2022 – 26-11-2022	
<b>EVEN SEMESTER</b>			
26	HOD and Faculty meeting	20-11-2022	Conducted
27	Add on Courses	Plan as per requirement in the even Semester	
28	Preparation of Time Tables for even semester	25-11-2022 to 28-11-2022	
29	Tentative Schedule of Seminar /Workshop / Guest Lectures I	10-01-2023 – 15-01-2023	Conducted
30	Industrial Visits	22-01-2023 – 25-01-2023	
31	Cultural and Sports Activities	11-01-2023 – 14-01-2023	Conducted
32	Commencement of class work	04-12-2022	
33	I Mid Examinations (even semester)	30-01-2023 to 04-02-2023	
34	Review of I Mid Exam Results (even semester)	06-01-2023 & 09-01-2023	
35	Make up or Remedial Classes	14-01-2023 – 15-01-2023 11-02-2023 – 12-02-2023	Conducted
36	Review of Results of odd semester (SEE)	As and when results are declared	Conducted
37	I Mid Examinations (even semester)	04-04-2023 to 08-04-2023	
38	UG & PG Project Reviews	25-01-2023 to 28-01-2023 & 20-03-2023 to 23-03-2023	Conducted
39	Internal Lab Examinations (even semester)	38-03-2023 – 02-04-2023	
40	Course End Survey	30-03-2023 – 01-04-2023	Conducted
41	Feedback on Faculty (Format I & II) by HOD	05-04-2023 to 07-04-2023	
42	Selection of Electives by the Students for next Semester	10-04-2023 – 11-4-2023	Conducted
43	External Lab Examinations	10-04-2023 – 15-04-2023	
44	Semester End Examinations	17-04-2023 – 29-04-2023	
45	UG & PG Project Viva-Voce	17-04-2023 – 29-04-2023 & 26-06-2023 – 16-07-2023	
46	Requirement of Faculty Planning for the next Year	20-04-2023 – 30-04-2023	Conducted
47	Requirement of Books Planning for the next Year	20-04-2023 – 30-04-2023	Conducted



48	Alumni Meeting	14-01-2023 - 15-01-2023	Conducted
49	Program Exit Survey	20-04-2023 — 25-04-2023	Conducted
50	Student Satisfaction Survey	20-04-2023 — 25-04-2023	Conducted
51	Academic Audit	20-04-2023 — 25-04-2023 06-06-2023 — 10-06-2023	Conducted
52	Stock Verification of Labs	20-04-2023 — 25-04-2023	Conducted
53	Parent Teacher Meeting	06-06-2023 — 10-06-2023	Conducted

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VIKAS COLLEGE OF ENGG. TECH.  
NUNNA - 521 212  
Vijayawada Rural, NTR-Dist., A.P.

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## DEPARTMENT OF MBA

### FACULTY WORK LOAD DISTRIBUTION

A.Y 2022-2023 II SEM (2022 BATCH)						
S.NO	NAME OF THE FACULTY	SUBJECT 1	SUBJECT 2	LAB 1	LAB 2	ADDITIONAL RESPONSIBILITIES
1.	P.TEJASWI	HRM				HOD, PROJECT WORK
2.	T.SRINU	FM				
3.	VNRM SHARMA	MM				
4.	SK ANWAR BASHA	BRM				
5.	TPV SRINIVASARAO	IT LAB-2				
6.	B.SUNITHA	DBMS				

*P. Tejantri*

**HEAD OF THE DEPARTMENT**



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## DEPARTMENT OF MBA

### FACULTY WORK LOAD DISTRIBUTION

A.Y 2022-2023 III SEM (2021 BATCH)						
S.NO	NAME OF THE FACULTY	SUBJECT 1	SUBJECT 2	LAB 1	LAB 2	ADDITIONAL RESPONSIBILITIES
1.	P.TEJASWI	STM	RM			HOD, PROJECT WORK
2.	J.DIVYA	OR				
3.	T.SRINU	PECM				
4.	P.SRINIVASA RAO	HCM				
5.	B.RK REDDY	MPRS				
6.	G.RAJGOPAL REDDY	IAPM				
7.	VNRM SHARMA	MBFI				
8.	K.RAGAIAH	FMS				
9.	B.PADMAJAKUMARI	TAX				
10.	A.MOHANARAO	CM				
11.	P.RAMI REDDY	CRM				
12.	SK.ANWAR BHASHA	DSMM				

*P. Tejanki*

**HEAD OF THE DEPARTMENT**

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## DEPARTMENT OF MBA

### FACULTY WORK LOAD DISTRIBUTION

A.Y 2022-2023 IV SEM (2021 BATCH)						
S.NO	NAME OF THE FACULTY	SUBJECT 1	SUBJECT 2	LAB 1	LAB 2	ADDITIONAL RESPONSIBILITIES
1.	P.TEJASWI	ERE				HOD, PROJECT WORK
2.	B.RK REDDY	SCMA	FD			
3.	CH.ANIL KUMAR	I&E				
4.	T.SRINU	LWE	ABM			
5.	SK.ANWAR BHASHA	IHRM				
6.	VNRM SHARMA	HRD				
7.	P.SRINIVASA RAO	GFM	GMM			
8.	J.DIVYA	FRM	SWCE			
9.	VNRM SHARMA	SFM				
10.	B.PADMAJA KUMARI	SM				
11.	G.RAJGOPAL REDDY	PDM				

*P. Tejanki*

**HEAD OF THE DEPARTMENT**





YEAR/SEM : III/I

BRANCH : CSE-A

W.E.F: 07-08-2023

A.Y. : 2022-2023

ROOMNO: 116

DAY/HOUR	1 9:20AM-10:20AM	2 10:20AM-11:20AM		3 11:30AM-12:20PM	4 12:20PM-01:10PM		5 02:00PM-2:45PM	6 02:45 PM-03:30 PM	7 03:30 PM-04:15 PM
MON	SE	CRT	BREAK 11:20AM-11:30AM	C++	SE	LUNCH 01:10PM-02:00PM	M-3	C++	SPORTS
TUE	SE	C++		MFCS	M-3		OS LAB LAB-3		
WED	SO LAB LAB-1			SO LAB LAB-1			C++	OS	OS
THU	MFCS	OS		M-3	SEM		SE LAB LAB-3		
FRI	OS	MFCS		LIB	MFCS		SE	C++	M3
SAT	OS	CRT		SE	DBMS		C++ LAB LAB-3		

NAME OF THE SUBJECT

NAME OF FACULTY

MFCS	-	M.KALYANI
M-III	-	K.SOWJANYA
OOPS THROUGH C++	-	G.DIVYA
SOFTWARE ENGINEERING	-	A.SRUTHI
OPERATING SYSTEMS	-	K.RAJNI KANTH
OS LAB	-	K.RAJNI KANTH
C++ LAB	-	G.DIVYA
SE LAB	-	A.SRUTHI
SO LAB	-	S.RAMESH
CRT	-	V.NAGA RAJU/SRILAKSHMI

CLASS INCHARGE

G.DIVYA

HOD

**VIKAS COLLEGE OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF MANAGEMENT STUDIES**  
**I MBA II SEM TIME TABLE (2022-23)**

YEAR : I  
 BRANCH : MBA

SEMESTER : II  
 BATCH : 2021-23  
 W.E.F : 13-03-2023

**TIME TABLE**

PERIOD →	1	2	11:20 TO 11:30	3	4	1:10 TO 2:00	5	6
DAY ↓	09:20AM - 10:20AM	10:20AM - 11:20AM		11:30A - 12:20P	12:20PM - 1:10PM		2:00PM - 02:45PM	02:45PM - 03:30PM
MONDAY	BRM	HRM	... W A T E R B R E A K...	MM	OM	... L U N C H ...	DBMS	FM
TUESDAY	MM	BRM		HRM	OM		FM	IT LAB -2
WEDNESDAY	FM	OM		BRM	MM		DBMS	LIBRARY
THURSDAY	IT LAB -2	DBMS		BRM	HRM		OM	BRM
FRIDAY	HRM	MM		DBMS	FM		LIBRARY	SPORTS
SATURDAY	IT LAB -2			SEMINAR			FM	COUNSLING

S.NO	FACULTY NAME	FACULTY	SUBJECTS
1	SRINU TIRUMALASETTY	Asst.Professor	FM
2	P.TEJASWI	Asst.Professor	HRM
3	V N R M SARMA NANDURI	Asst.Professor	MM
4	K.RAJAIAH	Asst.Professor	OM
5	SK ANWAR BASHA	Asst.Professor	BRM
6	TPV SRINIVASA RAO	Asst.Professor	IT LAB-2
7	B.SUNITHA	Asst.Professor	DBMS

*P. Tejanth*  
 HOD

*Ma*  
 PRINCIPAL



**VIKAS COLLEGE OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF MANAGEMENT STUDIES**  
**III SEM TIME TABLE**

w.e.f:- 06/10/2022

PERIOD →	1 09:20AM - 10:20AM	2 10:20AM - 11:20AM	W A T E R B R E A K	3 11:30AM - 12:20PM	4 12:20PM - 01:10PM	L U N C H	5 02:00PM - 03:00PM	6 03:00PM - 04:00PM
DAY ↓	OR	PECM/IAP M/CB		SM	LCM/MBF I/RM		MPRS/F MS/CRM	HCM/TAX /DCMM
MONDAY	OR	PECM/IAP M/CB	W A T E R B R E A K	SM	LCM/MBF I/RM	L U N C H	MPRS/F MS/CRM	HCM/TAX /DCMM
TUESDAY	SM	OR		MPRS/F MS/CRM	PECM/IAP M/CB		LCM/MB FI/RM	HCM/TAX /DCMM
WEDNESDAY	PECM/IA PM/CB	SM		LCM/MB FI/RM	MPRS/FM S/CRM		OR	HCM/TAX /DCMM
THURSDAY	OR	LCM/MBFI /RM		MPRS/F MS/CRM	PECM/IAP M/CB		HCM/TA X/DCMM	SEMINAR
FRIDAY	SM	MPRS/FMS /CRM		HCM/TA X/DCMM	SEMINAR		PECM/IA PM/CB	LIBRARY
SATURDAY	LCM/MBF I/RM	SM		OR	CRT		SPORTS	

S.NO	SUBJECT NAME	FACULTY
1	Strategic Management (MB1931)	P.TEJASWI
2	Operations Research (MB1932)	J.DIVYA
3	Leadership and Change Management (MB193A1)	T.SRINU
4	Performance Evaluation and Compensation Management (MB193A2)	CH.ANIL KUMAR
5	Human Capital Management (MB193A4)	P.SRINIVASA RAO
6	Manpower Planning, Recruitment, and Selection (MB193A5)	B.RK REDDY
7	Investment Analysis and Portfolio Management (MB193B1)	G.RAJGOPAL REDDY
8	Managing Banks and Financial Institutions (MB193B2)	VNRM SHARMA
9	Financial Markets and Services (MB193B3)	K.RAJAIAH
10	Taxation (MB193B5)	B.PADMAJA KUMARI
11	Consumer Behavior (MB193C1)	A.MOHANA RAO
12	Retail Management (MB193C2)	P.TEJASWI
13	Customer Relationship Management (MB193C3)	P.RAMI REDDY
14	Digital and Social Media Marketing (MB193C5)	SK.ANWAR BHASHA

*P. Tejaswi*  
HOD

*Ma*  
PRINCIPAL



**VIKAS COLLEGE OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF MANAGEMENT STUDIES**

YEAR : II  
 BRANCH : MBA

SEMESTER : IV  
 BATCH : 2020-22  
 W.E.F : 13-03-2023

**TIME TABLE**

PERIOD ⇒	1 09:20AM -10:20AM	2 10:20AM -11:20AM	...	3 11:30AM -12:20PM	4 12:20PM -01:10PM	...	5 02:00PM -02:45PM	6 02:45PM -03:30PM	7 03:30PM -04:15PM
DAY ↓	MON DAY	TUES DAY	WEDNES DAY	THURS DAY	FRIDAY	SATUR DAY	MON DAY	TUES DAY	WEDNES DAY
	I&E	SCM	...	LWE/FD/S M	IHRM/GF M/PDM	...	Library	ERE/FR M/ABM	PROJECT
	LWL/RM/ GMM	I&E	...	IHRM/GF M/PDM	BEG	...	ERE/FRM/ ABM	HRD/SF M/GMM	GAMES
	LWE/FD/S M	IHRM/GF M/PDM	...	SCM	ERE/FRM/ ABM	...	LWL/RM/ GMM	PROJEC T	PROJECT
	I&E	HRD/SFM /GMM	...	ERE/FRM/ ABM	PROJECT	...	SCM	SEMINA R	SEMINAR
	IHRM/GF M/PDM	SCM	...	HRD/SFM /GMM	PROJECT	...	OD/GFM/ SM	PROJEC T	GAMES
	MIR/FMS/ SCM	LWE/FD/S M	...	I&E	GHRM/T M/PDM	...	Library	HRD/SF M/GMM	PROJECT

S.NO	NAME OF THE SUBJECT	FACULTY
1	SUPPLY CHAIN MANAGEMENT AND ANALYTICS (SCM)	BH.R.K. REDDY
2	INNOVATION AND ENTREPRENEURSHIP (IE)	CH.ANIL KUMAR
3	LABOR WELFARE AND EMPLOYMENT LAWS (LWE)	T.SRINU
4	INTERNATIONAL HRM (IHRM)	SK.ANWAR BASHA
5	EMPLOYEE RELATIONS AND ENGAGEMENT (ERE)	P. TEJASWI
6	HUMAN RESOURCES DEVELOPMENT (HRD)	K.RAJAIAH
7	FINANCIAL DERIVATIVES (FD)	BH RK REDDY
8	GLOBAL FINANCIAL MANAGEMENT (GFM)	P.SRINIVASA RAO
9	FINANCIAL RISK MANAGEMENT (FRM)	J. DIVYA
10	STRATEGIC FINANCIAL MANAGEMENT (SFM)	VNRM. SHARMA
11	SERVICES MARKETING (SM)	B.PADMAJA KUMARI
12	PROMOTIONAL AND DISTRIBUTION MANAGEMENT (PDM)	G.RAJGOPAL REDDY
13	ADVERTISING AND BRAND MANAGEMENT (ABM)	T.SRINU
14	GLOBALMARKETING MANAGEMENT (GMM)	P.SRINIVASA RAO

*P. Tejaswi*  
 HOD MBA

*Principals*  
 PRINCIPAL



# VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY



(Sponsored by SARASWATHI VIDYA PEETAM)  
 (Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)  
 Certified by ISO 9001:2015:: Accredited by NAAC with 'B+' Grade.  
 NUNNA-521212, Vijayawada Rural, Krishna Dt., A.P. India.  
 E-mail-principal.vcet@gmail.com, Website: <http://www.vikasinstitutionsnunna.org/>



## Lesson Plan

<b>Faculty: Mr. G. SURESH, Asst. Professor</b>	<b>Program: B.Tech., ECE</b>
<b>Course: LCS</b>	<b>Course Code: R2022044</b>
<b>Year: II</b>	<b>Semester &amp; Section: II, A</b>
<b>Academic Year: 2022-23</b>	<b>Course Type*: BS/HSM/ES/PC/OE/MC/PROJ</b>

\* BSC: Basic Science; HSM: Humanities, Social sciences & management; ES: Engineering science; **PC: Program core**; PE: Program elective; MC: Mandatory course; PROJ: -Project

S.No	Topic	Teaching Methods	No of periods
1	<b>UNIT I – INTRODUCTION:</b> Concepts of System, Types of Controls Systems - Open Loop and closed loop control systems	PPT	1
2	Examples of Open Loop & Closed Loop Control Systems, Differences between Open Loop & Closed Loop Control Systems	GD	1
3	Feed-Back Characteristics – Positive feedback, Negative feedback, Effects of feedback	Seminar	1
4	Mathematical models of Control System- Translational Model [Differential equations Method] – Transfer Function	Chalk & Talk	3
5	Rotational Model of Control System [Differential equations Method] – Transfer Function	Chalk & Talk	3
6	Force - Voltage Analogy [Impulse Response Method] – Transfer Function	Chalk & Talk	2
7	Torque – Current Analogy [Impulse Response Method] – Transfer Function	Chalk & Talk	2
8	<b>Slip Test – Unit 1</b>		1
9	<b>UNIT II – TRANSFER FUNCTION REPRESENTATION:</b> Transfer Function of DC Servo motor	Guest Lecture	1
10	Transfer Function of AC Servo motor	Guest Lecture	1
11	Synchro-transmitter and Receiver	Chalk & Talk	1
12	Block diagram representation of systems considering electrical systems as examples	Chalk & Talk	1
13	Block diagram algebra – Rules, Problems	Chalk & Talk	3
14	Representation by Signal flow graph – Mason’s gain formula, Problems	Chalk & Talk	3

15	<b>TIME RESPONSE ANALYSIS</b> -Standard test signals – Unit Step, Unit Ramp, Unit Parabolic Signals	Chalk & Talk	2
16	Time response of first order systems for standard test signals, Problems	Chalk & Talk	3
17	Characteristic Equation of Feedback control systems	Chalk & Talk	1
18	Transient response of second order systems for Standard test signals, Problems	Chalk & Talk	3
19	Time domain specifications, Problems	Chalk & Talk	2
20	Steady state response, Problems	Chalk & Talk	2
21	Steady state errors and error constants, Problems	Chalk & Talk	2
22	<b>Slip Test-Unit 2</b>		1
23	<b>UNIT III – STABILITY ANALYSIS IN S-DOMAIN :</b> The concept of stability – Qualitative Stability, Conditional Stability	Chalk & Talk	1
24	Routh’s stability criterion, Problems	Chalk & Talk	3
25	Limitations of Routh’s stability	Chalk & Talk	1
26	<b>Root Locus Technique:</b> The root locus concept- Rules for the construction of Root Locus	Chalk & Talk	2
27	Problems on Root Locus, Effects of adding poles and zeros to $G(s)H(s)$ on the root loci	Chalk & Talk	3
28	<b>Slip Test-Unit 3</b>		1
29	<b>UNIT IV: Frequency response analysis:</b> Introduction	Chalk & Talk	1
30	Frequency domain specifications, Problems	Chalk & Talk	2
31	Correlation between time and frequency response	PPT	1
32	Polar Plots, Problems	Chalk & Talk	3
33	BodePlots, Problems	Chalk & Talk	3
34	Nyquist Stability Criterion, Problems	Chalk & Talk	3
35	<b>Slip Test-Unit 4</b>		1
36	<b>UNIT V – CLASSICAL CONTROL DESIGN TECHNIQUESL:</b> Compensation techniques – Lag Controllers design in frequency Domain, Problems	Chalk & Talk	3
37	Compensation techniques : Lead Controllers design in frequency Domain, Problems	Chalk & Talk	3
38	Compensation techniques : Lead – Lag Controllers design in frequency Domain, Problems	Chalk & Talk	3
39	State Space Analysis of Continuous Systems: Concepts of state, state variables and state model, Problems	Chalk & Talk	3



40	derivation of state models from block diagrams, Problems	Chalk & Talk	3
41	Diagonalization, Problems	Chalk & Talk	2
42	Solving the Time invariant state Equations, Problems	Chalk & Talk	2
43	State Transition Matrix and it's Properties, Problems	Chalk & Talk	2
44	Concept of Controllability	Chalk & Talk	2
45	Concepts of Observability	Chalk & Talk	2
46	<b>Slip Test-Unit 5</b>		1



**Faculty Signature**



**Head of the Department**

HEAD OF THE DEPARTMENT  
 Electronics & Communication Engineering  
 J. J. Somaiya Institute of Engg & Tech  
 Mumbai, Vidyawada (R)-521212.

## CERTIFICATE

This is to certify that **Mr./Ms. DARLA KRANTHI KUMAR** bearing H.T No: **20NQ1A0406**, of **VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY, Nunna, Krishna (dist.), A.P., (Affiliated to J.N.T. UNIVERSITY – Kakinada, A.P., India)**, underwent internship in **TRY LOGIC SOFT SOLUTIONS AP PRIVATE LIMITED, Hyderabad.** have been Successfully completed Intern on **Artificial Intelligence & Machine Learning** starting from **8th August 2022 to 30th September 2022.**

The overall performance of the intern during his/her internship is found to be Satisfactory.

Thanks & Regards,



**Ravi Kumar Sirimalla**  
(DIRECTOR)



**TRY LOGIC SOFT SOLUTIONS AP PRIVATE LIMITED**

(An ISO 9001 : 2008 Certified Company)

Corp.Office : #201 & 202, Bhuvana Towers, S.D. Road,  
Secunderabad-500 003. Telangana, India.  
Tel: +91 -040-4007 9667  
Email:info@trylogic.in, hrd@trylogic.in

RECOGNIZED & ASSOCIATED BY THE FOLLOWING PRESTIGIOUS ORGANIZATIONS





## CERTIFICATE

This is to certify that **Mr./Ms. MALLELA RAMANJANEYULU** bearing H.T No: **20NQ1A0414**, of **VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY, Nunna, Krishna (dist.), A.P., (Affiliated to J.N.T. UNIVERSITY – Kakinada, A.P., India)**, underwent internship in **TRY LOGIC SOFT SOLUTIONS AP PRIVATE LIMITED, Hyderabad.** have been Successfully completed Intern on **Artificial Intelligence & Machine Learning** starting from **8th August 2022 to 30th September 2022.**

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Thanks & Regards,



**Ravi Kumar Sirimalla**  
(DIRECTOR)



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Tel: +91 -040-4007 9667  
Email:info@trylogic.in, hrd@trylogic.in

RECOGNIZED & ASSOCIATED BY THE FOLLOWING PRESTIGIOUS ORGANIZATIONS



VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY  
NUNNA, VIJAYAWADA RURAL, N.T.R (DIST.), A.P.  
DEPARTMENT OF  
ELECTRONICS & COMMUNICATION ENGINEERING



**CERTIFICATE**

This is to certify that the project entitled "LINE FOLLOWER ROBOT USING ARDUINO" is the bonified work done by

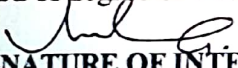
**G.PRASUNA : 19NQ1A0411**


**M.NIREEKSHANA : 19NQ1A0435**

**P.PAVAN KUMAR : 19NQ1A0446**

**K.KEERTHI SRI : 20NQ5A0406**

Students of IV B. Tech-II semester, in the department of ECE, VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY, NUNNA during the academic year 2022-2023 in partial fulfillment for the award of degree of Bachelor of Technology, JNTU-KAKINADA.

  
SIGNATURE OF INTERNAL GUIDE  
Mr.G.SURESH (M.TECH)  
Assistant Professor

  
SIGNATURE OF HOD  
Mr.B.V.REDDY (M.Tech,Ph.D)  
Associate professor

  
SIGNATURE OF EXTERNAL EXAMINER



**VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY**

**NUNNA, VIJAYAWADA RURAL, KRISHNA (DIST.), A.P.**

**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**




**CERTIFICATE**

This is to certify that the project entitled "SMART KITCHEN USING IOT" is the bonafied work done by

K. RAKESH	:19NQ1A0420
CH.VARALAKSHMI	:20NQ5A0405
MD. OSMAN	:19NQ1A0434
T.ANUPRIYA	:19NQ1A0453

Students of IV B. Tech-II semester, in the department of ECE, **VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY, NUNNA** during the academic year 2022-2023 in partial fulfilment for the award of degree of Bachelor of Technology, **JNTU-KAKINADA**.

SIGNATURE OF INTERNAL GUIDE  
**Mr.S.BUTCHI BABU(m.tech)**  
Associate professor

  
SIGNATURE OF HOD  
**Mr.B.V.REDDY M.Tech (Ph.D.)**  
Associate Professor

  
SIGNATURE OF EXTERNAL EXAMINER



**I B.TECH I SEMESTER (R20)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**I B. TECH I SEMESTER (R20 REGULATION) IMID & ONLINE QUIZ EXAMINATIONS, DECEMBER - 2022**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

Branch	12-12-2022 (Monday)	13-12-2022 (Tuesday)	14-12-2022 (Wednesday)	15-12-2022 (Thursday)	16-12-2022 (Friday)	17-12-2022 (Saturday)
Subjects	Communicative English <b>R201102</b>	Mathematics-I <b>R201101</b>	Programming for Problem Solving Using <b>CR201110</b> (Except CE)  Engineering Geology <b>R201105</b> (Only for CE)	Engineering Drawing <b>R201104</b> (Comm to CE, ME, ECE, PE, EIE, FE)  Engineering Drawing & Design <b>R201111</b> (Only for EEE)  Principles of Soil Science and Agronomy <b>R201127</b> (Only for Agri E)  Design Drawing and Visualization <b>R201135</b> (Only for CSD)	Applied Physics <b>R201117</b> (Comm to CSE, CSE-CS&T, IT, CSE-CS, CSE-IOT&CS incl BCT, CSE-CS&BS, CSE-IOT)  Engineering Mechanics <b>R201124</b> (Com. to AME, MinE)  Fundamental Chemistry <b>R201130</b> (Only for FE)  Engineering Chemistry <b>R201134</b> (Only for Phar. E)	Mathematics-II <b>R201109</b> (Only for EEE)  Engineering Physics <b>R201103</b> (Comm to CE, ME, Agri E, Phar. E)  Engineering Chemistry <b>R201123</b> (Com. to AME, Min E, PE)  Applied Chemistry <b>R201115</b> (Comm to ECE, EIE, ECT, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, AIDS, 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 TIME TABLE IMMEDIATELY.

**DATE: 28-11-2022**

**Controller of Examinations**





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH I SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER - 2022**

**REVISED TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	14-11-2022 (Monday)	15-11-2022 (Tuesday)	16-11-2022 (Wednesday)	17-11-2022 (Thursday)	18-11-2022 (Friday)
<b>CIVIL ENGINEERING (01-CE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Strength of Materials-I <b>R2021012</b>	Fluid Mechanics <b>R2021013</b>	Surveying and Geometrics <b>R2021014</b>	Highway Engineering <b>R2021015</b>
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Mathematics – IV <b>R2021021</b>	Electronic Devices and Circuits <b>R2021022</b>	Electrical Circuit Analysis –II <b>R2021023</b>	DC Machines and Transformers <b>R2021024</b>	Electro Magnetic Fields <b>R2021025</b>
<b>MECHANICAL ENGINEERING (03-ME)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mechanics of Solids <b>R2021031</b> (Common to ME,AME)	Production Technology <b>R2021033</b>	Fluid Mechanics & Hydraulic Machines <b>R2021032</b> (Comm to ME,AME)	Kinematics of Machinery <b>R2021034</b>
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems <b>R2021043</b> (Common to ECE,EIE,ECT)	Random Variables and Stochastic Processes <b>R2021044</b> (Common to ECE,ECT)
<b>COMPUTER SCIENE &amp; ENGINEERING (05-CSE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE, CST, CSE (AIML),AI,DS,CSE(AIDS),CSE (CS),IOTCSBT,CSBS,IOT,AIDS,CS,AIML,IOT,CSD)	Object Oriented Programming through C++ <b>R2021051</b> (Common to CSE,IT)	Operating Systems <b>R2021052</b> (Common to CSE,CST, IT,CS,IOTCSBT,IOT,CS)	Software Engineering <b>R2021053</b>
<b>COMPUTER SCIENE &amp; TECHNOLOGY (06)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AI,DS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE (CS) CS,OITCSBT,CSBS,IOT,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT, CSE(CS),IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS), OITCSBT,IOT,CS,IOT)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH I SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER - 2022**

**REVISED TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	14-11-2022 (Monday)	15-11-2022 (Tuesday)	16-11-2022 (Wednesday)	17-11-2022 (Thursday)	18-11-2022 (Friday)
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems <b>R2021043</b> (Common to ECE,EIE,ECT)	Electronic Measurements and Instrumentation <b>R2021101</b>
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Discrete Mathematics and Graph Theory <b>R2021122</b>	Object Oriented Programming through C++ <b>R2021051</b> (Common to CSE, IT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML), AI,DS,CSE(AIDS), AIDS,AIML,CSD)
<b>ELECTRONICS &amp; COMMUNICATION TECHNOLOGY (14)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems <b>R2021043</b> (Common to ECE,EIE,ECT)	Random Variables and Stochastic Process <b>R2021044</b> (Common to ECE,ECT)
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mechanics of Solids <b>R2021031</b> (Common to ME,AME)	Thermodynamics <b>R2021241</b>	Fluid Mechanics & Hydraulic Machines <b>R2021032</b> (Comm to ME,AME)	Components of Automobile Chassis <b>R2021242</b>
<b>MINING ENGINEERING (26-MM)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Development of Mineral Deposits <b>R2021261</b>	Mine Surveying <b>R2021262</b>	Engineering and Economic Geology <b>R2021263</b>	Mineral Processing Technology <b>R2021264</b>
<b>PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY (27-PE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Petroleum Geology <b>R2021271</b>	Fluid Mechanics for Petroleum Engineers <b>R2021272</b>	Heat Transfer Operations <b>R2021273</b>	Material and Energy Balances <b>R2021274</b>





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH I SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER - 2022**

**REVISED TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	14-11-2022 (Monday)	15-11-2022 (Tuesday)	16-11-2022 (Wednesday)	17-11-2022 (Thursday)	18-11-2022 (Friday)
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Surveying and Leveling <b>R2021351</b>	Fluid Mechanics and Open Channel Hydraulics <b>R2021352</b>	Properties and Strength of Materials <b>R2021353</b>	Farm Power and Tractor Systems <b>R2021354</b>
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Introduction to Artificial Intelligence and Machine Learning <b>R2021421</b> (Common to CSE(AIML), AIML)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS), AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML),AI,DS, CSE(AIDS), AIDS,AIML,CSD)
<b>CSE (Artificial Intelligence) (43)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Introduction to Artificial Intelligence <b>R2021431</b>	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML), AI,DS,CSE(AIDS),AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML, CSD)
<b>CSE (Data Science) (44)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Fundamentals of Data Science <b>R2021441</b>	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML), AI,DS,CSE(AIDS),AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML, CSD)
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CS,IOTCSBT,CSBS,IOT, AIDS,AIML,IOT,CSD)	Introduction to Artificial Intelligence and Data Science <b>R2021451</b> (Comm to CSE(AIDS),AIDS)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS, AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML, CSD)



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	14-11-2022 (Monday)	15-11-2022 (Tuesday)	16-11-2022 (Wednesday)	17-11-2022 (Thursday)	18-11-2022 (Friday)
<b>CSE (Cyber Security) (46)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS, OITCSBT,CSBS,IOT,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)
<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST, CSE(AIML),AIDS,CSE(AIDS), CSE(CS),IOTCSBT,CSBS,IOT, AIDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IO T,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)
<b>CSE (Computer Science and Business System) (48)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CS,IOTCSBT,CSBS, IOT,AIDS,AIML)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IO T,CS,IOT)	Formal Languages & Automata Theory <b>R2021481</b>	Computer Organization & Architecture <b>R2021482</b>
<b>CSE (Internet of Things) (49)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS,IOT,A IDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IO T,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)
<b>FOOD ENGINEERING (51)</b>	Probability and Statistics <b>R2021511</b>	Principles of Food Engineering -I <b>R2021512</b>	Mechanical Operations in Food Processing <b>R2021513</b>	Fluid Mechanics in Food Processing <b>R2021514</b>	Food Microbiology <b>R2021515</b>





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<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML,IOT,CSD)	Introduction to Artificial Intelligence and Data Science <b>R2021451</b> (Comm to CSE(AIDS),AIDS)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AIDS,CSE(AIDS), AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AIDS,CSE(AIDS), AIDS,AIML, CSD)
<b>PHARMACEUTICAL ENGINEERING (55)</b>	Mathematics – III <b>R2021011</b> (Except EEE,FE) (Vector Calculus, Transforms and PDE)	Pharmacology <b>R2021551</b>	Material and Energy Balance Computations <b>R2021552</b>	Fluid Mechanics and Mechanical Unit Operations <b>R2021553</b>	Thermodynamics for pharmaceutical Engineers <b>R2021554</b>
<b>CYBER SECURITY (59)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT, CSBS,IOT,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CSE(CS),IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS,.,IOT)
<b>INTERNET OF THINGS (60)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML, IOT, CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,C SBS,IOT,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT, CS,IOT)
<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST, CSE (AIML),AIDS,CSE(AIDS),CSE(CS), IOTCSBT,CSBS,IOT,AIDS,CS,AIML,IOT,CS D)	Introduction to Artificial Intelligence and Machine Learning <b>R2021421</b> (Common to CSE(AIML),AIML)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AIDS,CSE(AIDS),AIDS, AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AIDS,CSE(AIDS), AIDS,AIML, CSD)



II B.TECH I SEMESTER (R20)

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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<b>COMPUTER SCIENCE AND DESIGN (62)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST, CSE (AIML),AI,DS,CSE(AIDS),CSE(CS),OT CSBT,CSBS,IOT,AIDS,CS,AIML,IOT, CSD)	Computer Graphics <b>R2021621</b>	Multimedia and Application Development <b>R2021622</b>	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,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: 05-11-2022**

  
**Controller of Examinations**



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## III B.TECH I SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, SEPTEMBER/OCTOBER - 2022

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TIME: 10.00 AM TO 12.00 NOON

BRANCH	DATE & DAY					
	26.09.2022 (Monday)	27.09.2022 (Tuesday)	28.09.2022 (Wednesday)	29.09.2022 (Thursday)	30.09.2022 (Friday)	01.10.2022 (Saturday)
<b>CIVIL ENGINEERING (01 CE)</b>	Structural Analysis (R2031011)	Design And Drawing of Reinforced Concrete Structures (R2031012)	Geotechnical Engineering - I (R2031013)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Construction Technology & Management R203101A	Strength of Materials R203101E	
				Remote Sensing and GIS R203101B	Fluid Mechanics R203101F	
				Environmental Impact Assessment R203101C	Surveying and Geomatics R203101G	
				Low-Cost Housing R203101D	Highway Engineering R203101H	
					Safety Engineering R203101I	
					Environmental Management R203101J	
	Urban Planning R203101K					
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)</b>	Power Systems-II (R2031021)	Power Electronics (R2031022)	Control Systems (R2031023)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Linear Ic Applications R203102A	Renewable Energy Sources R203102F	
				Utilization Of Electrical Energy R203102B	Concepts Of Optimization Techniques R203102G	
				Computer Architecture And Organization R203102C	Concepts of Control Systems R203102H	
				Optimization Techniques R203102D		
				Object Oriented Programming Through Java R203102E		
				Optimization Techniques R203102D		
Object Oriented Programming Through Java R203102E						
<b>MECHANICAL ENGINEERING (03 ME)</b>	Thermal Engineering-II (R2031031)	Design of Machine Members-I (R2031032)	Machining, Machine Tools & Metrology (R2031033)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Finite Element Methods R203103A	Sustainable Energy Technologies R203103G	
				Industrial Robotics R203103B	Operations Research R203103H	
				Advanced Materials R203103C	Nano Technology R203103I	
				Renewable Energy Sources R203103D	Thermal Management of Electronic systems R203103J	
				Mechanics of Composites R203103E		
MOOCs (NPTEL/Swayam) R203103F						





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<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04 ECE)</b>	Analog ICs and Applications (R2031041)	Electromagnetic Waves and Transmission Lines (R2031042)	Digital Communications (R2031043)	<b>Professional Elective (PE) :-</b> Antenna And Wave Propagation R203104A	<b>Open Elective (OE I) :-</b> Basics of Signals and Systems R203104D Electronic Measurements and Instrum. R203104E	.....
				Electronic Measurements & Instrumentation R203104B	Principles of Signal Processing R203104F Industrial Electronics R203104G	
				Computer Architecture & Organization R203104C	Consumer Electronics R203104H Fundamentals of Microprocessors and Microcontrollers R203104I Transducers and Sensors R203104J IOT and Applications R203104K Soft Computing Techniques R203104L IC Applications R203104M Principles of Communications R203104N Basic Electronics R203104O Data Communications R203104P Digital Logic Design R203104Q Remote Sensing and GIS R203104R Bio Medical Instrumentation R203104S Introduction to Microprocessor and Microcontrollers R203114G	
				<b>Professional Elective (PE II) :-</b> Artificial Intelligence R203105A	<b>Open Elective (OE I) :-</b> Optimization in Operations Research R203105E Data Structures R203105F Object Oriented Progra. through JAVA R203105G Data Base Management Systems R203105H Computer Graphics R203105I Advanced UNIX Programming R203105J Computer Organization and Arch. R203105K Operating Systems R203105L	
				Software Project Management R203105B		
				Distributed Systems R203105C		
				Advanced Unix Programming R193205D		
				Data Warehousing and Data Mining (R2031053)		
				<b>Professional Elective (PE II) :-</b> Artificial Intelligence R203105A	<b>Open Elective (OE I) :-</b> DevOps R203112B	
				Distributed Systems R203105C	Data Structures R203105F	
				Advanced Unix Programming R203105D	Object Oriented Progra. through JAVA R203105G Data Base Management Systems R203105H	
				Agile Software Process R203112A	Computer Graphics R203105I Advanced UNIX Programming R203105J Computer Organization and Arch. R203105K	
					Operating Systems R203105L	



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<b>AUTO MOBILE ENGINEERING (24 AME)</b>	Theory of Machines (R2031241)	Production Technology (R2031242)	Vehicle Dynamics (R2031243)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Alternative Fuels for Engines <b>R203124A</b>	Basic Automobile Engineering <b>R203124G</b>	
				Two and Three Wheelers <b>R203124B</b>	Automobile Maintenance and Safety <b>R203124H</b>	
				Microprocessor and Micro Controllers <b>R203124C</b>	Automobile Emissions and Effects <b>R203124I</b>	
				Heat Transfer <b>R203124D</b>		
				Industrial Hydraulics and Pneumatics <b>R203124E</b>		
				MOOC's/NPTEL <b>R203124F</b>		
<b>MINING ENGINEERING (26 MM)</b>	Mine Hazards and Rescue (R2031261)	Underground Coal Mining (R2031262)	Mine Hoisting and Transportation (R2031263)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Remote Sensing and GIS <b>R203101B</b>	Introduction to Underground Mining <b>R203126D</b>	
				Resource Evaluation and Geo-Statistics - <b>R203126A</b>	Introduction to Surface Mining <b>R203126E</b>	
				Mine Planning and Design <b>R203126B</b>	Tunneling and Underground Space Design <b>R203126F</b>	
				Mine Safety & Ergonomics <b>R203126C</b>	Engineering Survey <b>R203126G</b>	
<b>AGRICULTURAL ENGINEERING (35 AGE)</b>	Farm Machinery and Equipment - I (R2031351)	Surface Water Hydrology (R2031352)	Post Harvest Engineering of Cereals, Pulses and Oilseeds (R2031353)	<b>Professional Elective - I</b>	<b>Open Elective - I</b>	.....
				Seed Processing and Storage Engineering <b>R203135A</b>	Principles of Soil Science and Agronomy <b>R203135D</b>	
				Greenhouse Technology <b>R203135B</b>	Farm Power and Tractor Systems <b>R203135E</b>	
				Tractor Design and Testing <b>R203135C</b>	Soil and Water Conservation Engineering <b>R203135F</b>	
					Ground Water Hydrology, Wells and Pumps <b>R203135G</b>	
					Surface Water Hydrology <b>R203135H</b>	
					Post Harvest Engineering of Cereals Pulses and Oilseeds <b>R203135I</b>	
	Agricultural Process Engineering <b>R203135J</b>					



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<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	<b>Compiler Design (R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	<b>Operating Systems (R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI ML,CSD)	<b>Machine Learning (R2031423)</b> (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Software Engineering R203142A	Optimization in Operations Research R203105E	
				Computer Vision R203142B		
				Data Visualization R203142C		
				DevOps R203142D		
				MOOC's/NPTEL R203142E		
<b>CSE (Artificial Intelligence) (43)</b>	<b>Compiler Design (R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS), CSE(AIDS),AIDS,A IML,CSD)	<b>Operating Systems (R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI ML,CSD)	<b>Machine Learning (R2031423)</b> (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Software Engineering R203142A	Optimization in Operations Research R203105E	
				Computer Vision R203142B		
				Data Visualization R203142C		
				DevOps R203142D		
<b>CSE (Data Science) (44)</b>	<b>Compiler Design (R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS), CSE(AIDS),AIDS,A IML,CSD)	<b>Operating Systems (R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI ML,CSD)	<b>Machine Learning (R2031423)</b> (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Software Engineering R203142A	Optimization in Operations Research R203105E	
				DevOps R203142D		
				Object Oriented Analysis and Design R203144A		
				Internet of Things R203144B		
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	<b>Compiler Design (R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	<b>Operating Systems (R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI ML,CSD)	<b>Machine Learning (R2031423)</b> (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Software Engineering R203142A	Optimization in Operations Research R203105E	
				Object Oriented Analysis and Design R203144A		
				Internet of Things R203144B		
				DevOps R203142D		





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<b>CSE (Cyber Security) (46)</b> <small>(Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)</small>		<b>Software Engineering (R2031462)</b> <small>(Common to CSE(CS),CS)</small>	<b>Design and Analysis of Algorithms (R2031463)</b> <small>(Common to CSE(CS),IOTCSOBCT,CSE(IOT),CS)</small>	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Computer Graphics R203146A	Web Technologies R203146F	
				Artificial Intelligence R203146B	Data Structures R203146G	
				Compiler Design R203146C	Computer Networks R203146H	
				Advanced Data Structures R203146D	Data Base Management Systems R203146I	
				Principles of Programming Languages R203146E	Problem Solving using Python R203146J	
<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b> <small>(Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)</small>		<b>IoT Architecture and its Protocols (R2031471)</b> <small>(Common to IOTCSIBCT,CSE(IOT))</small>	<b>Design and Analysis of Algorithms (R2031463)</b> <small>(Common to CSE(CS),IOTCSOBCT,CSE(IOT),CS)</small>	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Data Warehousing & Data Mining R203147A	Web Technologies R203147C	
				Compiler Design R203146C	Data Structures R203147D	
				Software Engineering R203142A	Computer Networks R203147E	
				Micro Processors & Micro Controllers R203147B	Data Base Management Systems R203147F	
				Computer Graphics R203146A	Problem Solving using Python R203147G	
	Open Electives offered by other Departments R203148D					
<b>CSE (Internet of Things) (49)</b> <small>(Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)</small>		<b>IoT Architecture and its Protocols (R2031471)</b> <small>(Common to IOTCSIBCT,CSE(IOT))</small>	<b>Design and Analysis of Algorithms (R2031463)</b> <small>(Common to CSE(CS),IOTCSOBCT,CSE(IOT),CS)</small>	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Compiler Design R203146C	Natural Language Processing R203149B	
				Software Engineering R203142A	Data Structures R203149C	
				Computer Graphics R203146A	Computer Networks R203149D	
				Principles of Programming Languages R203146E	Data Base Management System R203149E	
				Advanced Computer Architecture R203149A	Problem Solving using Python R203149F	
<b>FOOD ENGINEERING (51)</b>	<b>Heat Transfer in Food Processing (R2031511)</b>	<b>Processing of Fruits Vegetables Spices and Plantation Crops (R2031512)</b>	<b>Food Plant Design and Process Economics (R2031513)</b>	Transport Phenomena in Food Engineering R203151A	Food Material Science and Engineering R203151D	.....
				Statistical Methods in Food Engineering R203151B	Biochemical Engineering R203151E	
				Process Modeling and Simulation R203151C	Food Thermodynamics R203151F	



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH I SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, SEPTEMBER/OCTOBER - 2022

### REVISED TIME TABLE

TIME: 10.00 AM TO 12.00 NOON

BRANCH	DATE & DAY					
	26.09.2022 (Monday)	27.09.2022 (Tuesday)	28.09.2022 (Wednesday)	29.09.2022 (Thursday)	30.09.2022 (Friday)	01.10.2022 (Saturday)
<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	Compiler Design <b>(R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CS	Operating Systems <b>(R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),CS	Machine Learning <b>(R2031423)</b> (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Software Engineering <b>R203142A</b>	Optimization in Operations Research <b>R203105E</b>	
				DevOps <b>R203142D</b>		
				Object Oriented Analysis and Design <b>R203144A</b>		
				Internet of Things <b>R203144B</b>		
<b>PHARMACEUTICAL ENGINEERING (55)</b>	Managerial Economics and Financial Accountancy <b>(R2031551)</b>	Pharmaceutical Engineering-I <b>(R2031552)</b>	Biopharmaceutics and Pharmacokinetics <b>(R2031553)</b>	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	Biostatistics <b>R2031554</b>
				Quality Control and Assurance <b>R203155A</b>	Non-Conventional Energy Sources <b>R203155D</b>	
				Food Processing Technology <b>R203155B</b>	Introduction to Data Structures <b>R203155E</b>	
				Pharmaceutical Biotechnology <b>R203155C</b>	Design and Analysis of Experiments <b>R203155F</b>	
<b>CYBER SECURITY (59)</b>	Computer Networks <b>(R2031461)</b> (Common to CSE(CS),IOTCSIBCT, CSE(IOT),CS,CSBS)	Software Engineering <b>(R2031462)</b> (Common to CSE(CS),CS)	Design and Analysis of Algorithms <b>(R2031463)</b> (Common to CSE(CS),IOTCSOBC T,CSE(IOT),CS)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Computer Graphics <b>R203146A</b>	Web Technologies <b>R203146F</b>	
				Artificial Intelligence <b>R203146B</b>	Data Structures <b>R203146G</b>	
				Compiler Design <b>R203146C</b>	Computer Networks <b>R203146H</b>	
				Advanced Data Structures <b>R203146D</b>	Data Base Management Systems <b>R203146I</b>	
Principles of Programming Languages <b>R203146E</b>	Problem Solving using Python <b>R203146J</b>					
<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b>	Compiler Design <b>(R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CS	Operating Systems <b>(R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),CS	Machine Learning <b>(R2031423)</b> (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Software Engineering <b>R203142A</b>	Optimization in Operations Research <b>R203105E</b>	
				Computer Vision <b>R203142B</b>		
				Data Visualization <b>R203142C</b>		
				DevOps <b>R203142D</b>		
MOOC's/NPTEL <b>R203142E</b>						

**NOTE:**

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- (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.

**Controller of Examinations**

**DATE: 20-09-2022**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**IV B.TECH - I SEMESTER (R19) I MID & ONLINE QUIZ EXAMINATIONS, SEPTEMBER - 2022**

**TIME TABLE**

**TIME : 10.00 AM TO 12.00 NOON**

Branch	05-09-2022 (Monday)	06-09-2022 (Tuesday)	07-09-2022 (Wednesday)	08-09-2022 (Thursday)	09-09-2022 (Friday)	12-09-2022 (Monday)
<b>Civil Engineering (01)</b>	Design & Drawing of Steel Structures (R1941011)	Geotechnical Engineering - II (R1941012)	Remote Sensing & GIS (R1941013)	<b>Elective-III</b> : Bridge Engineering (R1941014A)/ Industrial Waste Water Treatment (R1941014B)/ Earth Rock-fill Dams (R1941014C)/ Intelligent Transportation Systems (R1941014D)/ Building Services (R1941014E)	.....	<b>Open Elective-III:</b> Disaster Management (R1941015A)/ Environmental Pollution & Control (R1941015B)/ Elements of Civil Engineering (R1941015C)/ Green Technology (R1941015D)/ Smart Cities (R1941015E)/ Project Management (R1941015F)/ Traffic Safety (R1941015G)/ Geo-Spatial Technologies (R1941015H)/ Waste Water Treatment (R1941015I)
<b>Electrical &amp; Electronics Engineering (02)</b>	Switchgear & Protection (R1941021)	OOPs through JAVA (R1941022)	Renewable Energy Systems (R1941023)	<b>Elective-II</b> : Utilization of Electrical Energy (R1941024A)/ Data Base Management System (R1941024B)/ Advanced Control Systems (R1941024C)/ Electrical Machine Design (R1941024D)/ Hybrid Electric Vehicles (R1941024E)	<b>Elective-III:</b> Operating Systems (R1941025A)/ Neural Networks & Fuzzy Logic (R1941025B)/ High Voltage Engineering (R1941025C)/ Energy Auditing and Demand Side Management (R1941025D)/ Data Analytics with Python (R1941025E)	<b>Open Elective - II :-</b> Measurements & Instrumentation (Except for EEE)(R1941029A)/ Fundamentals of Utilization of Electrical Energy (Except for EEE) (R1941029B)/ Concepts of Power System Engineering (Except for EEE) (R1941029C)/ Basics of Control Systems (Except for EEE) (R1941029D)/ Energy Audit (Except for EEE) (R1941029E)
<b>Mechanical Engineering (03)</b>	Industrial Management (R1941031)	<b>Elective - III :-</b> Mechanical Vibrations (R1941033A)/ Renewable Energy Sources (R1941033B)/ Production Planning & Control (R1941033C)/ Machine Tool Design (R1941033D)	.....	Finite Element Methods (Common to ME & AME) (R1941032)	<b>Elective-IV:</b> Industrial Automation and Robotics (R1941034A)/ Micro and Nano Manufacturing (R1941034B)/ Power Plant Engineering (R1941034C)/ Optimization Techniques (R1941034D)	<b>Open Elective-II:</b> MEMS (R1941035A)/ Optimization Methods (R1941035B)/ Operations Management (R1941035C)/ Nano Technology (R1941035D)/ Finite Element Analysis (R1941035E)
<b>Electronics &amp; Communication Engineering (04)</b>	Microwave and Optical Communication Engineering (R1941041)	Data Communications & Computer Networks (R1941042)	Digital Image and Video Processing (R1941043)	<b>Elective-III</b> : Communication Standards and Protocols (R1941044A)/ Analog IC Design (R1941044B)/ SmartSensors (R1941044C)/ Advanced Digital Signal Processing (R1941044D)/ Augmented Reality (R1941044E)	<b>Elective-IV:</b> Software Radio (R1941045A)/ Low Power VLSI Design (R1941045B)/ Embedded Systems (R1941045C)/ DSP Processors and Architectures (R1941045D)/ Multi Media Communication (R1941045E)	<b>Open Elective :</b> Embedded Systems (Except for ECE) (R1941049)





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**IV B.TECH - I SEMESTER (R19) I MID & ONLINE QUIZ EXAMINATIONS, SEPTEMBER - 2022**

**TIME TABLE**

**TIME : 10.00 AM TO 12.00 NOON**

Branch	05-09-2022 (Monday)	06-09-2022 (Tuesday)	07-09-2022 (Wednesday)	08-09-2022 (Thursday)	09-09-2022 (Friday)	12-09-2022 (Monday)
<b>Computer Science &amp; Engineering (05)</b>	Cryptography and Network Security (Common to CSE & IT) (R1941051)	Machine Learning (Common to CSE & IT) (R1941053)	UML & Design Patterns (R1941052)	<b>Elective-III</b> : Mobile Computing (R1941054A)/ Data Science (R1941054B)/ NoSQL Databases (R1941054C)/ Internet of Things (R1941054D)/ Software Project Management (R1941054E)	<b>Elective-IV</b> : Web Services (R1941055A)/ Cloud Computing (Common to CSE & IT) (R1941055B) / Mean Stack Technologies (R1941055C)/ Ad-hoc and Sensor Networks (Common to CSE & IT) (R1941055D)/ Cyber Security & Forensics (R1941055E)	<b>Open Elective</b> : Problem Solving using Python (Common to CSE & IT) (Except CSE & IT) (R1941056A)/ Web Technologies (Common to CSE & IT) (Except CSE & IT) (R1941056B)/ Machine Learning (Common to CSE & IT) (Except CSE & IT) (R1941053)/ Distributed Computing (Common to CSE & IT) (Except CSE & IT) (R1941056C)/ AI Tools & Techniques (Common to CSE & IT) (Except CSE & IT) (R1941056D)/ Data Science (Except CSE & IT) (R1941054B)
<b>Information Technology (12)</b>	Cryptography and Network Security (Common to CSE & IT) (R1941051)	Machine Learning (Common to CSE & IT) (R1941053)	Advanced Computer Networks (R1941121)	<b>Elective IV</b> : Distributed Systems (R1941123A)/ DevOps (R1941123B) / Internet of Things (R1941123C)/ Data Science (R1941123D)/ Biometrics (R1941123E)	<b>Elective III</b> : Big Data Analytics (R1941122A)/ Social Networking (R1941122B)/ Ad-hoc and Sensor Networks (Common to CSE & IT) (R1941055D)/ Cloud Computing (Common to CSE & IT) (R1941055B)/ Design Patterns (R1941122C)	<b>Open Elective</b> : Problem Solving using Python (Common to CSE & IT) (Except CSE & IT) (R1941056A)/ Web Technologies (Common to CSE & IT) (Except CSE & IT) (R1941056B)/ Machine Learning (Common to CSE & IT) (Except CSE & IT) (R1941053)/ Distributed Computing (Common to CSE & IT) (R1941056C) / AI Tools & Techniques (Common to CSE & IT) (Except CSE & IT) (R1941056D) / Data Science (Except CSE & IT) (R1941123D)
<b>Automobile Engineering (24)</b>	Industrial Engineering & Management (R1941241)	Vehicle Dynamics (R1941242)	Vehicle Body Engineering (R1941243)	<b>Elective I</b> : CAD/CAM (R1941245A)/ Two and Three Wheelers (R1941245B)/ Automotive Aerodynamics (R1941245C)/ Vehicle Infotronics (R1941245D)/ Finite Element Methods (Common to ME & AME) (R1941032)	<b>Elective II</b> : Mechatronics (R1941246A)/ Computational Fluid Dynamics (R1941246B)/ Condition Monitoring (R1941246C)/ Managerial Economics and financial analysis (R1941246D)/ Internet of Things (R1941246E)	Alternative Energy sources for Automobiles (R1941244)
<b>Mining Engineering (26)</b>	Computer Applications in Mining (R1941261)	Mine Planning and Design (R1941262)	Mine Legislation & General Safety (R1941263)	<b>Elective I</b> : Rocks Slope Engineering (R1941264A)/ Mine Subsidence Engineering (R1941264B)/ Mine Systems Engineering (R1941264C)	.....	.....



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**  
**IV B.TECH - I SEMESTER (R19) I MID & ONLINE QUIZ EXAMINATIONS, SEPTEMBER - 2022**  
**TIME TABLE**

**TIME : 10.00 AM TO 12.00 NOON**

Branch	05-09-2022 (Monday)	06-09-2022 (Tuesday)	07-09-2022 (Wednesday)	08-09-2022 (Thursday)	09-09-2022 (Friday)	12-09-2022 (Monday)
<b>Petroleum Engineering (27)</b>	Design of Surface Facilities (R1941271)	Enhanced Oil Recovery Techniques (R1941272)	<b>Elective III</b> : HSE in Petroleum Industry (R1941273A)/ Petroleum Engineering Mathematics (R1941273B)/ Subsea Engineering (R1941273C)	<b>Elective IV</b> : Mathematics of Reservoir Simulation (R1941274A)/ Advances in Well Control (R1941274B)/ Pipeline Engineering (R1941274C)	<b>Elective V</b> : Statistics for Petroleum Engineers and Geoscientists (R1941275A)/ Advances in Seismic methods for Hydrocarbon Exploration (R1941275B)	.....
<b>Agricultural Engineering (35)</b>	Micro Irrigation Engineering (R1941351)	Post Harvest Engineering for Horticulture Produce (R1941352)	<b>Elective II</b> : Food Packaging Technology (R1941353A)/ Watershed Management (R1941353B)/ Human Engineering and Safety (R1941353C)	<b>Elective III</b> : GIS and Remote Sensing (R1941354A)/ Production Technology of Agricultural Machinery (R1941354B)/ Food Plant Design and Management (R1941354C)	.....	<b>Open Elective</b> : Mechanical Measurements and Instrumentation (R1941355A)/ Artificial Intelligence in Agricultural Engineering (R1941355B)/ Photovoltaic Technology and Systems (R1941355C)

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**DATE: 26-08-2022**

**Controller of Examinations**



**I B.TECH I SEMESTER (R20)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**I B. TECH I SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, JAN/FEB - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

Branch	30-01-2023 (Monday)	31-01-2023 (Tuesday)	01-02-2023 (Wednesday)	02-02-2023 (Thursday)	03-02-2023 (Friday)	04-02-2023 (Saturday)
Subjects	Engineering Drawing <b>R201104</b> (Comm to CE, ME, ECE, EIE, PE, FE)  Engineering Drawing & Design <b>R201111</b> (Only for EEE)  Principles of Soil Science and Agronomy <b>R201127</b> (Only for Agri E)  Design Drawing and Visualization <b>R201135</b> (Only for CSD)	Applied Physics <b>R201117</b> (Comm to CSE, CSE-CS&T, IT, CSE-CS, CSE-IOT&CS incl BCT, CSE-CS&BS, CSE-IOT, CS, IOT)  Engineering Mechanics <b>R201124</b> (Com. to AME, Min E)  Fundamental Chemistry <b>R201130</b> (Only for FE)  Engineering Physics <b>R201103</b> (Comm to CE, ME, Agri E, Phar. E)	Mathematics-II <b>R201109</b> (Only for EEE)  Engineering Chemistry <b>R201123</b> (Com. to AME, Min E, PE)  Engineering Chemistry <b>R201134</b> (Only for Phar. E)  Applied Chemistry <b>R201115</b> (Comm to ECE, EIE, ECT, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, AIDS, AIML, CSD)	Communicative English <b>R201102</b> (Common to All Branches)	Mathematics-I <b>R201101</b> (Common to All Branches)	Programming for Problem Solving Using C <b>R201110</b> (Except CE, Agri E)  Engineering Geology <b>R201105</b> (Only for CE)

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- iii. THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE TIME TABLE IMMEDIATELY.

**DATE: 21-01-2023**

*H. R. Kic*

**Controller of Examinations**





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH I SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, JANUARY - 2023**

**REVISED TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	02-01-2023 (Monday)	03-01-2023 (Tuesday)	04-01-2023 (Wednesday)	05-01-2023 (Thursday)	06-01-2023 (Friday)
<b>CIVIL ENGINEERING (01-CE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Strength of Materials-I <b>R2021012</b>	Fluid Mechanics <b>R2021013</b>	Surveying and Geometrics <b>R2021014</b>	Highway Engineering <b>R2021015</b>
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Mathematics – IV <b>R2021021</b>	Electronic Devices and Circuits <b>R2021022</b>	Electrical Circuit Analysis –II <b>R2021023</b>	DC Machines and Transformers <b>R2021024</b>	Electro Magnetic Fields <b>R2021025</b>
<b>MECHANICAL ENGINEERING (03-ME)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mechanics of Solids <b>R2021031</b> (Common to ME,AME)	Production Technology <b>R2021033</b>	Fluid Mechanics & Hydraulic Machines <b>R2021032</b> (Comm to ME,AME)	Kinematics of Machinery <b>R2021034</b>
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems <b>R2021043</b> (Common to ECE,EIE,ECT)	Random Variables and Stochastic Processes <b>R2021044</b> (Common to ECE,ECT)
<b>COMPUTER SCIENE &amp; ENGINEERING (05-CSE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE, CST, CSE (AIML),AI,DS,CSE(AIDS),CSE (CS),IOTCSBT,CSBS,IOT,AIDS,CS,AIML,IOT,CSD)	Object Oriented Programming through C++ <b>R2021051</b> (Common to CSE,IT)	Operating Systems <b>R2021052</b> (Common to CSE,CST, IT,CS,IOTCSBT,IOT,CS)	Software Engineering <b>R2021053</b>
<b>COMPUTER SCIENE &amp; TECHNOLOGY (06)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AI,DS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE (CS) CS,OITCSBT,CSBS,IOT,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT, CSE(CS),IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS), OITCSBT,IOT,CS,IOT)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH I SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, JANUARY - 2023**

**REVISED TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	02-01-2023 (Monday)	03-01-2023 (Tuesday)	04-01-2023 (Wednesday)	05-01-2023 (Thursday)	06-01-2023 (Friday)
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems <b>R2021043</b> (Common to ECE,EIE,ECT)	Electronic Measurements and Instrumentation <b>R2021101</b>
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Discrete Mathematics and Graph Theory <b>R2021122</b>	Object Oriented Programming through C++ <b>R2021051</b> (Common to CSE, IT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML), AI,DS,CSE(AIDS), AIDS,AIML,CSD)
<b>ELECTRONICS &amp; COMMUNICATION TECHNOLOGY (14)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems <b>R2021043</b> (Common to ECE,EIE,ECT)	Random Variables and Stochastic Process <b>R2021044</b> (Common to ECE,ECT)
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mechanics of Solids <b>R2021031</b> (Common to ME,AME)	Thermodynamics <b>R2021241</b>	Fluid Mechanics & Hydraulic Machines <b>R2021032</b> (Comm to ME,AME)	Components of Automobile Chassis <b>R2021242</b>
<b>MINING ENGINEERING (26-MM)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Development of Mineral Deposits <b>R2021261</b>	Mine Surveying <b>R2021262</b>	Engineering and Economic Geology <b>R2021263</b>	Mineral Processing Technology <b>R2021264</b>
<b>PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY (27-PE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Petroleum Geology <b>R2021271</b>	Fluid Mechanics for Petroleum Engineers <b>R2021272</b>	Heat Transfer Operations <b>R2021273</b>	Material and Energy Balances <b>R2021274</b>



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

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**II B.TECH I SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, JANUARY - 2023**

**REVISED TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	02-01-2023 (Monday)	03-01-2023 (Tuesday)	04-01-2023 (Wednesday)	05-01-2023 (Thursday)	06-01-2023 (Friday)
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Surveying and Leveling <b>R2021351</b>	Fluid Mechanics and Open Channel Hydraulics <b>R2021352</b>	Properties and Strength of Materials <b>R2021353</b>	Farm Power and Tractor Systems <b>R2021354</b>
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AI,DS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Introduction to Artificial Intelligence and Machine Learning <b>R2021421</b> (Common to CSE(AIML), AIML)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS), AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML),AI,DS, CSE(AIDS), AIDS,AIML,CSD)
<b>CSE (Artificial Intelligence) (43)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AI,DS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Introduction to Artificial Intelligence <b>R2021431</b>	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML), AI,DS,CSE(AIDS),AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML, CSD)
<b>CSE (Data Science) (44)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AI,DS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Fundamentals of Data Science <b>R2021441</b>	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML), AI,DS,CSE(AIDS),AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML, CSD)
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AI,DS,CSE(AIDS),CS,IOTCSBT,CSBS,IOT, AIDS,AIML,IOT,CSD)	Introduction to Artificial Intelligence and Data Science <b>R2021451</b> (Comm to CSE(AIDS),AIDS)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS, AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML, CSD)





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<b>CSE (Cyber Security) (46)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS, OITCSBT,CSBS,IOT,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)
<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST, CSE(AIML),AIDS,CSE(AIDS), CSE(CS),IOTCSBT,CSBS,IOT, AIDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IO T,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)
<b>CSE (Computer Science and Business System) (48)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CS,IOTCSBT,CSBS, IOT,AIDS,AIML)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IO T,CS,IOT)	Formal Languages & Automata Theory <b>R2021481</b>	Computer Organization & Architecture <b>R2021482</b>
<b>CSE (Internet of Things) (49)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS,IOT,A IDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IO T,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)
<b>FOOD ENGINEERING (51)</b>	Probability and Statistics <b>R2021511</b>	Principles of Food Engineering -I <b>R2021512</b>	Mechanical Operations in Food Processing <b>R2021513</b>	Fluid Mechanics in Food Processing <b>R2021514</b>	Food Microbiology <b>R2021515</b>



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BRANCH	DAY AND DATE				
	02-01-2023 (Monday)	03-01-2023 (Tuesday)	04-01-2023 (Wednesday)	05-01-2023 (Thursday)	06-01-2023 (Friday)
<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML,IOT,CSD)	Introduction to Artificial Intelligence and Data Science <b>R2021451</b> (Comm to CSE(AIDS),AIDS)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS), AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML, CSD)
<b>PHARMACEUTICAL ENGINEERING (55)</b>	Mathematics – III <b>R2021011</b> (Except EEE,FE) (Vector Calculus, Transforms and PDE)	Pharmacology <b>R2021551</b>	Material and Energy Balance Computations <b>R2021552</b>	Fluid Mechanics and Mechanical Unit Operations <b>R2021553</b>	Thermodynamics for pharmaceutical Engineers <b>R2021554</b>
<b>CYBER SECURITY (59)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT, CSBS,IOT,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CSE(CS),IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS,.,IOT)
<b>INTERNET OF THINGS (60)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AI,DS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS,IOT,AIDS,CS,AIML, IOT, CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,C SBS,IOT,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IO T)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT, CS,IOT)
<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST, CSE (AIML),AI,DS,CSE(AIDS),CSE(CS), IOTCSBT,CSBS,IOT,AIDS,CS,AIML,IOT,CS D)	Introduction to Artificial Intelligence and Machine Learning <b>R2021421</b> (Common to CSE(AIML),AIML)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS, AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML, CSD)



II B.TECH I SEMESTER (R20)

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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## II B.TECH I SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, JANUARY - 2023

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	02-01-2023 (Monday)	03-01-2023 (Tuesday)	04-01-2023 (Wednesday)	05-01-2023 (Thursday)	06-01-2023 (Friday)
<b>COMPUTER SCIENCE AND DESIGN (62)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST, CSE (AIML),AIDS,CSE(AIDS),CSE(CS),OT CSBT,CSBS,IOT,AIDS,CS,AIML,IOT, CSD)	Computer Graphics <b>R2021621</b>	Multimedia and Application Development <b>R2021622</b>	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AIDS,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: 15-12-2022

Controller of Examinations



















# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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## III B.TECH I SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER/DECEMBER - 2022

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BRANCH	DATE & DAY					
	28.11.2022 (Monday)	29.11.2022 (Tuesday)	30.11.2022 (Wednesday)	01.12.2022 (Thursday)	02.12.2022 (Friday)	03.12.2022 (Saturday)
<b>CIVIL ENGINEERING (01 CE)</b>	Structural Analysis (R2031011)	Design And Drawing of Reinforced Concrete Structures (R2031012)	Geotechnical Engineering - I (R2031013)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Construction Technology & Management R203101A	Strength of Materials R203101E	
				Remote Sensing and GIS R203101B	Fluid Mechanics R203101F	
				Environmental Impact Assessment R203101C	Surveying and Geomatics R203101G	
				Low-Cost Housing R203101D	Highway Engineering R203101H	
					Safety Engineering R203101I	
					Environmental Management R203101J	
	Urban Planning R203101K					
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)</b>	Power Systems-II (R2031021)	Power Electronics (R2031022)	Control Systems (R2031023)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Linear Ic Applications R203102A	Renewable Energy Sources R203102F	
				Utilization Of Electrical Energy R203102B	Concepts Of Optimization Techniques R203102G	
				Computer Architecture And Organization R203102C	Concepts of Control Systems R203102H	
				Optimization Techniques R203102D		
				Object Oriented Programming Through Java R203102E		
				Optimization Techniques R203102D		
				Object Oriented Programming Through Java R203102E		
<b>MECHANICAL ENGINEERING (03 ME)</b>	Thermal Engineering-II (R2031031)	Design of Machine Members-I (R2031032)	Machining, Machine Tools & Metrology (R2031033)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Finite Element Methods R203103A	Sustainable Energy Technologies R203103G	
				Industrial Robotics R203103B	Operations Research R203103H	
				Advanced Materials R203103C	Nano Technology R203103I	
				Renewable Energy Sources R203103D	Thermal Management of Electronic systems R203103J	
				Mechanics of Composites R203103E		
				MOOCs (NPTEL/Swayam) R203103F		
			<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>		
			Antenna Page 1 of 6 Propagation	Basics of Signals and Systems R203104D		





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<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04 ECE)</b>	Analog ICs and Applications (R2031041)	Electromagnetic Waves and Transmission Lines (R2031042)	Digital Communications (R2031043)	<b>R203104A</b>	Electronic Measurements and Instrum. <b>R203104E</b>	.....
				Electronic Measurements & Instrumentation <b>R203104B</b>	Principles of Signal Processing <b>R203104F</b>	
				Computer Architecture & Organization <b>R203104C</b>	Industrial Electronics <b>R203104G</b>	
					Consumer Electronics <b>R203104H</b>	
					Fundamentals of Microprocessors and Microcontrollers <b>R203104I</b>	
					Transducers and Sensors <b>R203104J</b>	
					IOT and Applications <b>R203104K</b>	
					Soft Computing Techniques <b>R203104L</b>	
					IC Applications <b>R203104M</b>	
					Principles of Communications <b>R203104N</b>	
					Basic Electronics <b>R203104O</b>	
					Data Communications <b>R203104P</b>	
					Digital Logic Design <b>R203104Q</b>	
					Remote Sensing and GIS <b>R203104R</b>	
	Bio Medical Instrumentation <b>R203104S</b>					
	Introduction to Microprocessor and Microcontrollers <b>R203114G</b>					
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 CSE)</b>	Computer Networks (R2031051) (Common to CSE,IT)	Design and Analysis of Algorithms (R2031052) (Common to CSE,IT)	Data Warehousing and Data Mining (R2031053)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Artificial Intelligence <b>R203105A</b>	Optimization in Operations Research <b>R203105E</b>	
				Software Project Management <b>R203105B</b>	Data Structures <b>R203105F</b>	
				Distributed Systems <b>R203105C</b>	Object Oriented Progra. through JAVA <b>R203105G</b>	
				Advanced Unix Programming <b>R193205D</b>	Data Base Management Systems <b>R203105H</b>	
					Computer Graphics <b>R203105I</b>	
					Advanced UNIX Programming <b>R203105J</b>	
					Computer Organization and Arch. <b>R203105K</b>	
	Operating Systems <b>R203105L</b>					
<b>INFORMATION TECHNOLOGY (12 IT)</b>	Computer Networks (R2031051) (Common to CSE,IT)	Design and Analysis of Algorithms (R2031052) (Common to CSE,IT)	Data Mining Techniques (R2031121)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Artificial Intelligence <b>R203105A</b>	DevOps <b>R203112B</b>	
				Distributed Systems <b>R203105C</b>	Data Structures <b>R203105F</b>	
				Advanced Unix Programming <b>R203105D</b>	Object Oriented Progra. through JAVA <b>R203105G</b>	
				Agile Software Process <b>R203112A</b>	Data Base Management Systems <b>R203105H</b>	
					Computer Graphics <b>R203105I</b>	
					Advanced UNIX Programming <b>R203105J</b>	
					Computer Organization and Arch. <b>R203105K</b>	
	Operating Systems <b>R203105L</b>					
	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>				



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<b>AUTO MOBILE ENGINEERING (24 AME)</b>	Theory of Machines (R2031241)	Production Technology (R2031242)	Vehicle Dynamics (R2031243)	Alternative Fuels for Engines <b>R203124A</b>	Basic Automobile Engineering <b>R203124G</b>	.....
				Two and Three Wheelers <b>R203124B</b>	Automobile Maintenance and Safety <b>R203124H</b>	
				Microprocessor and Micro Controllers <b>R203124C</b>	Automobile Emissions and Effects <b>R203124I</b>	
				Heat Transfer <b>R203124D</b>		
				Industrial Hydraulics and Pneumatics <b>R203124E</b>		
				MOOC's/NPTEL <b>R203124F</b>		
<b>MINING ENGINEERING (26 MM)</b>	Mine Hazards and Rescue (R2031261)	Underground Coal Mining (R2031262)	Mine Hoisting and Transportation (R2031263)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Remote Sensing and GIS <b>R203101B</b>	Introduction to Underground Mining <b>R203126D</b>	
				Resource Evaluation and Geo-Statistics - <b>R203126A</b>	Introduction to Surface Mining <b>R203126E</b>	
				Mine Planning and Design <b>R203126B</b>	Tunneling and Underground Space Design <b>R203126F</b>	
				Mine Safety & Ergonomics <b>R203126C</b>	Engineering Survey <b>R203126G</b>	
<b>AGRICULTURAL ENGINEERING (35 AGE)</b>	Farm Machinery and Equipment - I (R2031351)	Surface Water Hydrology (R2031352)	Post Harvest Engineering of Cereals, Pulses and Oilseeds (R2031353)	<b>Professional Elective - I</b>	<b>Open Elective - I</b>	.....
				Seed Processing and Storage Engineering <b>R203135A</b>	Principles of Soil Science and Agronomy <b>R203135D</b>	
				Greenhouse Technology <b>R203135B</b>	Farm Power and Tractor Systems <b>R203135E</b>	
				Tractor Design and Testing <b>R203135C</b>	Soil and Water Conservation Engineering <b>R203135F</b>	
					Ground Water Hydrology, Wells and Pumps <b>R203135G</b>	
					Surface Water Hydrology <b>R203135H</b>	
					Post Harvest Engineering of Cereals Pulses and Oilseeds <b>R203135I</b>	
	Agricultural Process Engineering <b>R203135J</b>					
			<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>		



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<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	<b>Compiler Design (R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),C E(AIDS),AIDS,AIML, CSD)	<b>Operating Systems (R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),C SE(AIDS),AIDS,AI ML,CSD)	<b>Machine Learning (R2031423)</b> (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	Software Engineering R203142A	Optimization in Operations Research R203105E	.....
				Computer Vision R203142B		
				Data Visualization R203142C		
				DevOps R203142D		
				MOOC's/NPTEL R203142E		
<b>CSE (Artificial Intelligence) (43)</b>	<b>Compiler Design (R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS), CSE(AIDS),AIDS,A IML,CSD)	<b>Operating Systems (R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),C SE(AIDS),AIDS,AI ML,CSD)	<b>Machine Learning (R2031423)</b> (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Software Engineering R203142A	Optimization in Operations Research R203105E	
				Computer Vision R203142B		
				Data Visualization R203142C		
				DevOps R203142D		
<b>CSE (Data Science) (44)</b>	<b>Compiler Design (R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS), CSE(AIDS),AIDS,A IML,CSD)	<b>Operating Systems (R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),C SE(AIDS),AIDS,AI ML,CSD)	<b>Machine Learning (R2031423)</b> (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Software Engineering R203142A	Optimization in Operations Research R203105E	
				DevOps R203142D		
				Object Oriented Analysis and Design R203144A		
				Internet of Things R203144B		
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	<b>Compiler Design (R2031421)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),C E(AIDS),AIDS,AIML, CSD)	<b>Operating Systems (R2031422)</b> (Common to CSE(AIML), CSE(AI),CSE(DS),C SE(AIDS),AIDS,AI ML,CSD)	<b>Machine Learning (R2031423)</b> (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Software Engineering R203142A	Optimization in Operations Research R203105E	
				Object Oriented Analysis and Design R203144A		
				Internet of Things R203144B		
				DevOps R203142D		
				<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH I SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER/DECEMBER - 2022

### REVISED TIME TABLE

TIME: 10.00 AM TO 12.00 NOON

BRANCH	DATE & DAY					
	28.11.2022 (Monday)	29.11.2022 (Tuesday)	30.11.2022 (Wednesday)	01.12.2022 (Thursday)	02.12.2022 (Friday)	03.12.2022 (Saturday)
<b>CSE (Cyber Security) (46)</b>	<b>Computer Networks (R2031461)</b> (Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)	<b>Software Engineering (R2031462)</b> (Common to CSE(CS),CS)	<b>Design and Analysis of Algorithms (R2031463)</b> (Common to CSE(CS),IOTCSOBC T,CSE(IOT),CS)	Computer Graphics <b>R203146A</b>	Web Technologies <b>R203146F</b>	.....
				Artificial Intelligence <b>R203146B</b>	Data Structures <b>R203146G</b>	
				Compiler Design <b>R203146C</b>	Computer Networks <b>R203146H</b>	
				Advanced Data Structures <b>R203146D</b>	Data Base Management Systems <b>R203146I</b>	
				Principles of Programming Languages <b>R203146E</b>	Problem Solving using Python <b>R203146J</b>	
<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b>	<b>Computer Networks (R2031461)</b> (Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)	<b>IoT Architecture and its Protocols (R2031471)</b> (Common to IOTCSIBCT,CSE(IOT))	<b>Design and Analysis of Algorithms (R2031463)</b> (Common to CSE(CS),IOTCSOBC T,CSE(IOT),CS)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Data Warehousing & Data Mining <b>R203147A</b>	Web Technologies <b>R203147C</b>	
				Compiler Design <b>R203146C</b>	Data Structures <b>R203147D</b>	
				Software Engineering <b>R203142A</b>	Computer Networks <b>R203147E</b>	
				Micro Processors & Micro Controllers <b>R203147B</b>	Data Base Management Systems <b>R203147F</b>	
				Computer Graphics <b>R203146A</b>	Problem Solving using Python <b>R203147G</b>	
	Open Electives offered by other Departments <b>R203148D</b>					
<b>CSE (Internet of Things) (49)</b>	<b>Computer Networks (R2031461)</b> (Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)	<b>IoT Architecture and its Protocols (R2031471)</b> (Common to IOTCSIBCT,CSE(IOT))	<b>Design and Analysis of Algorithms (R2031463)</b> (Common to CSE(CS),IOTCSOBC T,CSE(IOT),CS)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Compiler Design <b>R203146C</b>	Natural Language Processing <b>R203149B</b>	
				Software Engineering <b>R203142A</b>	Data Structures <b>R203149C</b>	
				Computer Graphics <b>R203146A</b>	Computer Networks <b>R203149D</b>	
				Principles of Programming Languages <b>R203146E</b>	Data Base Management System <b>R203149E</b>	
Advanced Computer Architecture <b>R203149A</b>	Problem Solving using Python <b>R203149F</b>					
<b>FOOD ENGINEERING (51)</b>	<b>Heat Transfer in Food Processing (R2031511)</b>	<b>Processing of Fruits Vegetables Spices and Plantation Crops (R2031512)</b>	<b>Food Plant Design and Process Economics (R2031513)</b>	Transport Phenomena in Food Engineering <b>R203151A</b>	Food Material Science and Engineering <b>R203151D</b>	.....
				Statistical Methods in Food Engineering <b>R203151B</b>	Biochemical Engineering <b>R203151E</b>	
				Process Modeling and Simulation <b>R203151C</b>	Food Thermodynamics <b>R203151F</b>	
	Compiler	Operating	Machine	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	





# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH I SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER/DECEMBER - 2022

### REVISED TIME TABLE

TIME: 10.00 AM TO 12.00 NOON

BRANCH	DATE & DAY					
	28.11.2022 (Monday)	29.11.2022 (Tuesday)	30.11.2022 (Wednesday)	01.12.2022 (Thursday)	02.12.2022 (Friday)	03.12.2022 (Saturday)
<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	Design <b>(R2031421)</b> <small>(Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CS)</small>	Systems <b>(R2031422)</b> <small>(Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)</small>	Learning <b>(R2031423)</b> <small>(Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)</small>	Software Engineering <b>R203142A</b>	Optimization in Operations Research <b>R203105E</b>	.....
				DevOps <b>R203142D</b>		
				Object Oriented Analysis and Design <b>R203144A</b>		
				Internet of Things <b>R203144B</b>		
<b>PHARMACEUTICAL ENGINEERING (55)</b>	Managerial Economics and Financial Accountancy <b>(R2031551)</b>	Pharmaceutical Engineering-I <b>(R2031552)</b>	Biopharmaceutics and Pharmacokinetics <b>(R2031553)</b>	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	Biostatistics <b>R2031554</b>
				Quality Control and Assurance <b>R203155A</b>	Non-Conventional Energy Sources <b>R203155D</b>	
				Food Processing Technology <b>R203155B</b>	Introduction to Data Structures <b>R203155E</b>	
				Pharmaceutical Biotechnology <b>R203155C</b>	Design and Analysis of Experiments <b>R203155F</b>	
<b>CYBER SECURITY (59)</b>	Computer Networks <b>(R2031461)</b> <small>(Common to CSE(CS),IOTCSIBCT, CSE(IOT),CS,CSBS)</small>	Software Engineering <b>(R2031462)</b> <small>(Common to CSE(CS),CS)</small>	Design and Analysis of Algorithms <b>(R2031463)</b> <small>(Common to CSE(CS),IOTCSOBC T,CSE(IOT),CS)</small>	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Computer Graphics <b>R203146A</b>	Web Technologies <b>R203146F</b>	
				Artificial Intelligence <b>R203146B</b>	Data Structures <b>R203146G</b>	
				Compiler Design <b>R203146C</b>	Computer Networks <b>R203146H</b>	
				Advanced Data Structures <b>R203146D</b>	Data Base Management Systems <b>R203146I</b>	
				Principles of Programming Languages <b>R203146E</b>	Problem Solving using Python <b>R203146J</b>	
<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b>	Compiler Design <b>(R2031421)</b> <small>(Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CS)</small>	Operating Systems <b>(R2031422)</b> <small>(Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)</small>	Machine Learning <b>(R2031423)</b> <small>(Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)</small>	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....
				Software Engineering <b>R203142A</b>	Optimization in Operations Research <b>R203105E</b>	
				Computer Vision <b>R203142B</b>		
				Data Visualization <b>R203142C</b>		
				DevOps <b>R203142D</b>		
				MOOC's/NPTEL <b>R203142E</b>		

NOTE:

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- (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.

*(Signature)*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**IV B.TECH - I SEMESTER (R19) II MID & ONLINE QUIZ EXAMINATIONS, OCTOBER/NOVEMBER - 2022**

**TIME TABLE**

**TIME : 10.00 AM TO 12.00 NOON**

<b>Branch</b>	<b>31-10-2022 (Monday)</b>	<b>01-11-2022 (Tuesday)</b>	<b>02-11-2022 (Wednesday)</b>	<b>03-11-2022 (Thursday)</b>	<b>04-11-2022 (Friday)</b>	<b>05-11-2022 (Saturday)</b>
<b>Civil Engineering (01)</b>	Design & Drawing of Steel Structures (R1941011)	Geotechnical Engineering - II (R1941012)	Remote Sensing & GIS (R1941013)	<b>Elective-III :</b> Bridge Engineering (R194101A)/ Industrial Waste Water Treatment (R194101B)/ Earth Rock-fill Dams (R194101C)/ Intelligent Transportation Systems (R194101D)/ Building Services (R194101E)	.....	<b>Open Elective-III :</b> Disaster Management (R194101F)/ Environmental Pollution & Control (R194101G)/ Elements of Civil Engineering (R194101H)/ Green Technology (R194101I)/ Smart Cities (R194101J)/ Project Management (R194101K)/ Traffic Safety (R194101L)/ Geo-Spatial Technologies (R194101M)/ Waste Water Treatment (R194101N)
<b>Electrical &amp; Electronics Engineering (02)</b>	Switchgear & Protection (R1941021)	OOPs through JAVA (R1941022)	Renewable Energy Systems (R1941023)	<b>Elective-II :</b> Utilization of Electrical Energy (R194102A)/ Data Base Management System (R194102B)/ Advanced Control Systems (R194102C)/ Electrical Machine Design (R194102D)/ Hybrid Electric Vehicles (R194102E)	<b>Elective-III :</b> Operating Systems (R194102G)/ Neural Networks & Fuzzy Logic (R194102H)/ High Voltage Engineering (R194102I)/ Energy Auditing and Demand Side Management (R194102J)/ Data Analytics with Python (R194102K)	<b>Open Elective - II :-</b> Measurements & Instrumentation (Except for EEE)(R194102M)/ Fundamentals of Utilization of Electrical Energy (Except for EEE) (R194102N)/ Concepts of Power System Engineering (Except for EEE) (R194102O)/ Basics of Control Systems (Except for EEE) (R194102P)/ Energy Audit (Except for EEE) (R194102Q)/ Fundamental of Electrical Machines (Except for EEE)
<b>Mechanical Engineering (03)</b>	Industrial Management (R1941031)	<b>Elective - III :-</b> Mechanical Vibrations (R194103A)/ Renewable Energy Sources (R194103B)/ Production Planning & Control (R194103C)/ Machine Tool Design (R194103D)	.....	Finite Element Methods (Common to ME & AME) (R1941032)	<b>Elective-IV :</b> Industrial Automation and Robotics (R194103F)/ Micro and Nano Manufacturing (R194103G)/ Power Plant Engineering (R194103H)/ Optimization Techniques (R194103I)	<b>Open Elective-II :</b> MEMS (R194103K)/ Optimization Methods (R194103L)/ Operations Management (R194103M)/ Nano Technology (R194103N)/ Finite Element Analysis (R194103O)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
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**IV B.TECH - I SEMESTER (R19) II MID & ONLINE QUIZ EXAMINATIONS, OCTOBER/NOVEMBER - 2022**

**TIME TABLE**

**TIME : 10.00 AM TO 12.00 NOON**

<b>Branch</b>	<b>31-10-2022 (Monday)</b>	<b>01-11-2022 (Tuesday)</b>	<b>02-11-2022 (Wednesday)</b>	<b>03-11-2022 (Thursday)</b>	<b>04-11-2022 (Friday)</b>	<b>05-11-2022 (Saturday)</b>
<b>Electronics &amp; Communication Engineering (04)</b>	Microwave and Optical Communication Engineering (R1941041)	Data Communications & Computer Networks (R1941042)	Digital Image and Video Processing (R1941043)	<b>Elective-III :</b> Communication Standards and Protocols (R194104A)/ Analog IC Design (R194104B) / SmartSensors (R194104C)/ Advanced Digital Signal Processing (R194104D)/ Augmented Reality (R194104E)	<b>Elective-IV:</b> Software Radio (R194104F)/ Low Power VLSI Design (R194104G)/ EmbeddedSystems (R194104H)/ DSP Processors and Architectures (R194104I)/ Multi Media Communication (R194104J)	<b>Open Elective :</b> Embedded Systems (Except for ECE) (R194104K)
<b>Computer Science &amp; Engineering (05)</b>	Cryptography and Network Security (Common to CSE & IT) (R1941051)	Machine Learning (Common to CSE & IT) (R1941053)	UML & Design Patterns (R1941052)	<b>Elective-III :</b> Mobile Computing (R194105A)/ Data Science (R194105B)/ NoSQL Databases (R194105C)/ Internet of Things (R194105D)/ Software Project Management (R194105E)	<b>Elective-IV:</b> Web Services (R194105F)/ Cloud Computing (Common to CSE & IT) (R194105G) / Mean Stack Technologies (R194105H)/ Ad-hoc and Sensor Networks (Common to CSE & IT) (R194105I)/ Cyber Security & Forensics (R194105J)	<b>Open Elective :</b> Problem Solving using Python (Common to CSE & IT) (Except CSE & IT) (R194105K)/ Web Technologies (Common to CSE & IT) (Except CSE & IT) (R194105L)/ Machine Learning (Common to CSE & IT) (Except CSE & IT) (R194105M)/ Distributed Computing (Common to CSE & IT) (Except CSE & IT) (R194105N)/ AI Tools & Techniques (Common to CSE & IT) (Except CSE & IT) (R194105O)/ Data Science (Except CSE & IT) (R194105P)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**IV B.TECH - I SEMESTER (R19) II MID & ONLINE QUIZ EXAMINATIONS, OCTOBER/NOVEMBER - 2022**

**T I M E T A B L E**

**TIME : 10.00 AM TO 12.00 NOON**

Branch	31-10-2022 (Monday)	01-11-2022 (Tuesday)	02-11-2022 (Wednesday)	03-11-2022 (Thursday)	04-11-2022 (Friday)	05-11-2022 (Saturday)
<b>Information Technology (12)</b>	Cryptography and Network Security (Common to CSE & IT) (R1941051)	Machine Learning (Common to CSE & IT) (R1941053)	Advanced Computer Networks (R1941121)	<b>Elective IV:</b> Distributed Systems (R194112D)/ DevOps (R194112E) / Internet of Things (R194112F)/ Data Science (R194112G)/ Biometrics (R194112H)	<b>Elective III:</b> Big Data Analytics (R194112A)/ Social Networking (R194112B)/ Ad-hoc and Sensor Networks (Common to CSE & IT) (R194105I)/ Cloud Computing (Common to CSE & IT) (R194105G)/ Design Patterns (R194112C)	<b>Open Elective :</b> Problem Solving using Python (Common to CSE & IT) (Except CSE & IT) (R194105K)/ Web Technologies (Common to CSE & IT) (Except CSE & IT) (R194105L)/ Machine Learning (Common to CSE & IT) (Except CSE & IT)/ (R194105M)/ Distributed Computing (Common to CSE & IT) (R194105N) / AI Tools & Techniques (Common to CSE & IT) (Except CSE & IT) (R194105O) / Data Science (Except CSE & IT) (R194112I)
<b>Automobile Engineering (24)</b>	Industrial Engineering & Management (R1941241)	Vehicle Dynamics (R1941242)	Vehicle Body Engineering (R1941243)	<b>Elective I :</b> CAD/CAM (R194124A)/ Two and Three Wheelers (R194124B)/ Automotive Aerodynamics (R194124C)/ Vehicle Infotronics (R194124D)/ Finite Element Methods (Common to ME & AME) (R1941032)	<b>Elective II :</b> Mechatronics (R194124E)/ Computational Fluid Dynamics (R194124F)/ Condition Monitoring (R194124G)/ Managerial Economics and financial analysis (R194124H)/ Internet of Things (R194124I)	Alternative Energy sources for Automobiles (R1941244)
<b>Mining Engineering (26)</b>	Computer Applications in Mining (R1941261)	Mine Planning and Design (R1941262)	Mine Legislation & General Safety (R1941263)	<b>Elective I:</b> Rocks Slope Engineering (R194126A)/ Mine Subsidence Engineering (R194126B)/ Mine Systems Engineering (R194126C)	.....	.....





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**IV B.TECH - I SEMESTER (R19) II MID & ONLINE QUIZ EXAMINATIONS, OCTOBER/NOVEMBER - 2022**

**T I M E T A B L E**

**TIME : 10.00 AM TO 12.00 NOON**

<b>Branch</b>	<b>31-10-2022 (Monday)</b>	<b>01-11-2022 (Tuesday)</b>	<b>02-11-2022 (Wednesday)</b>	<b>03-11-2022 (Thursday)</b>	<b>04-11-2022 (Friday)</b>	<b>05-11-2022 (Saturday)</b>
<b>Petroleum Engineering (27)</b>	Design of Surface Facilities (R1941271)	Enhanced Oil Recovery Techniques (R1941272)	<b>Elective III :</b> HSE in Petroleum Industry (R194127A)/ Petroleum Engineering Mathematics (R194127B)/ Subsea Engineering (R194127C)	<b>Elective IV:</b> Mathematics of Reservoir Simulation (R194127D)/ Advances in Well Control (R194127E)/ Pipeline Engineering (R194127F)	<b>Elective V :</b> Statistics for Petroleum Engineers and Geoscientists (R194127G)/ Advances in Seismic methods for Hydrocarbon Exploration (R194127H)	.....
<b>Agricultural Engineering (35)</b>	Micro Irrigation Engineering (R1941351)	Post Harvest Engineering for Horticulture Produce (R1941352)	<b>Elective II :</b> Food Packaging Technology (R194135A)/ Watershed Management (R194135B)/ Human Engineering and Safety (R194135C)	<b>Elective III:</b> GIS and Remote Sensing (R194135D)/ Production Technology of Agricultural Machinery (R194135E)/ Food Plant Design and Management (R194135F)	.....	<b>Open Elective :</b> Mechanical Measurements and Instrumentation (R194135G)/ Artificial Intelligence in Agricultural Engineering (R194135H)/ Photovoltaic Technology and Systems (R194135I)

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**DATE: 17-10-2022**

**Controller of Examinations**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**I B. TECH II SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2023****TIME TABLE**

TIME: 10.00 AM TO 12.00 NOON

Branch	17-04-2023 (Monday)	18-04-2023 (Tuesday)	19-04-2023 (Wednesday)	20-04-2023 (Thursday)	21-04-2023 (Friday)	24-04-2023 (Monday)
Subjects	Mathematics – II <b>R201201</b>	Building Materials and Concrete Technology <b>R201205</b> (Only for CE)  Applied Physics <b>R201207</b> (Comm to EEE, ECE, EIE, ECT, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, AI&DC)  Basic Electrical and Electronics Engineering <b>R201211</b> (Comm to ME, AME, Mining, PE, FE, Pharm. E)	Programming for Problem Solving Using C <b>R201204</b> (Comm to CE, Agri E)  Data Structures Through C <b>R201208</b> (Only for EEE)  Basic Electrical Engineering <b>R201214</b> (Comm to ECE, EIE, ECT)  Computer Organization <b>R201216</b> (Comm to CSE, IT)  Digital Logic Design <b>R201221</b> (Comm to CSE-CS&T, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, CSE-CS, CSE-IOT&CS INCL BCT, CSE-CS&BS, CSE-IOT, AI&DS, Cyber Security)  Engineering Physics <b>R201222</b> (Comm. to AME, Mining, PE, FE)	Data Structures <b>R201218</b> (Comm to CSE, IT, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, AI&DS)  Problem Solving Using Python <b>R201219</b> (Comm to CSE-CS&T, CSE-CS, CSE-IOT&CS INCL BCT, CSE-CS&BS, CSE-IOT, Cyber Security)  Pharmaceutical Chemistry <b>R201258</b> (Only for Pharm. E)  Electrical Circuit Analysis –I <b>R201209</b> (Only for EEE)  Engineering Mechanics <b>R201210</b> (Comm to ME, PE, Agri E, FE)  Mechanics of Solids <b>R201255</b> (Only for Mining)  Metallurgy & Materials Science <b>R201256</b> (Only for AME)	Engineering Mechanics <b>R201203</b> (Only for CE)  Thermodynamics <b>R201254</b> (Only for ME)  Basic Civil and Mechanical Engineering <b>R201227</b> (Only for EEE)  Computer Aided Engineering Drawing <b>R201226</b> (Only for FE)  Engineering Drawing <b>R201224</b> (Comm to Mining, Agri.E, Phar.E)  Object Oriented Programming through Java <b>R201212</b> (Comm to ECE, EIE, ECT)  Basic Electrical & Electronics Engineering <b>R201220</b> (Comm to CSE-CS&T, CSE-CS, CSE-IOT&CS INCL BCT, CSE-CS&BS, CSE-IOT, Cyber Security)  Engineering Graphics <b>R201257</b> (Only for AME)  Python Programming <b>R201225</b> (Comm to CSE, IT, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, AI&DS)  Elements of Mechanical Engineering <b>R201223</b> (Only for PE)	Mathematics-III <b>R201206</b> (Only for EEE)  Engineering Chemistry <b>R201202</b> (Comm. to CE, ME, Agri.E)  Applied Chemistry <b>R201215</b> (Comm to CSE, CSE-CS&T, IT, CSE-CS, CSE-IOT&CS INCL BCT, CSE-CS&BS, CSE-IOT, Cyber Security)  Network Analysis <b>R201213</b> (Comm to ECE, EIE, ECT)  Engineering and Solid Mechanics <b>R201259</b> (Only for Pharm. E)

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Controller of Examinations

DATE: 04-04-2023



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, MARCH - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	20-03-2023 (Monday)	21-03-2023 (Tuesday)	23-03-2023 (Thursday)	24-03-2023 (Friday)	25-03-2023 (Saturday)
<b>CIVIL ENGINEERING (01-CE)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Strength of Materials -II <b>R2022012</b>	Hydraulics and Hydraulic Machinery <b>R2022013</b>	Environmental Engineering <b>R2022014</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Python Programming <b>R2022021</b> (Common to EEE, FE)	Digital Electronics <b>R2022022</b>	Power System-I <b>R2022023</b>	Induction and Synchronous Machines <b>R2022024</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>MECHANICAL ENGINEERING (03-ME)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Material Science & Metallurgy <b>R2022031</b>	Dynamics of Machinery <b>R2022032</b>	Thermal Engineering-I <b>R2022033</b>	Industrial Engineering and Management <b>R2022034</b>
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Digital IC Design <b>R2022042</b>	Analog Communications <b>R2022043</b> (Common to ECE,ECT)	Linear Control Systems <b>R2022044</b> (Common to ECE,EIE)	Management and Organizational Behavior <b>R2022045</b> (Common to ECE, PE)
<b>COMPUTER SCIENCE &amp; ENGINEERING (05-CSE)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AI ML,CSD)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AI ML,IOT)	Java Programming <b>R2022054</b> (Common to CSE,IT,CSE(CSBS),CS)	Managerial Economics and Financial Accountancy <b>R2022055</b> (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)



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**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	20-03-2023 (Monday)	21-03-2023 (Tuesday)	23-03-2023 (Thursday)	24-03-2023 (Friday)	25-03-2023 (Saturday)
<b>COMPUTER SCIENCE &amp; TECHNOLOGY (06)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AD),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AIML,CSD)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AD),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Microprocessor and Microcontrollers <b>R2022101</b>	Integrated Circuits and applications <b>R2022102</b>	Linear Control Systems <b>R2022044</b> (Common to ECE,EIE)	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Statistics with R <b>R2022121</b>	Principles of Software Engineering <b>R2022122</b>	Automata Theory and Compiler Design <b>R2022123</b>	Java Programming <b>R2022054</b> (Common to CSE,IT,CSE(CSBS),CS)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>ELECTRONICS &amp; COMMUNICATION TECHNOLOGY (14)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Computer Architecture and Organization <b>R2022141</b>	Analog Communications <b>R2022043</b> (Common to ECE,ECT)	Electromagnetic Waves and Transmission Lines <b>R2022142</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Applied Thermodynamics <b>R2022241</b>	Automobile Engines <b>R2022242</b>	Automobile Electrical and Electronics <b>R2022243</b>	Operations Research <b>R2022244</b>





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**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	20-03-2023 (Monday)	21-03-2023 (Tuesday)	23-03-2023 (Thursday)	24-03-2023 (Friday)	25-03-2023 (Saturday)
<b>MINING ENGINEERING (26-MM)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Fluid Mechanics and Hydraulic Power <b>R2022261</b>	Rock Mechanics <b>R2022262</b>	Mine Ventilation <b>R2022263</b>	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY (27-PE)</b>	Mathematics –IV <b>R2022271</b>	Instrumentation, Process Dynamics & Control <b>R2022272</b>	Thermodynamics for Petroleum Engineers <b>R2022273</b>	Drilling & Well Completions <b>R2022274</b>	Management and Organizational Behavior <b>R2022045</b> (Common to ECE, PE)
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Heat and Mass Transfer <b>R2022351</b>	Ground Water Hydrology, Well and Pumps <b>R2022352</b>	Theory of Structures <b>R2022353</b>	Soil Mechanics <b>R2022354</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (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 <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,IOT,AIML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (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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**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	20-03-2023 (Monday)	21-03-2023 (Tuesday)	23-03-2023 (Thursday)	24-03-2023 (Friday)	25-03-2023 (Saturday)
<b>CSE (Artificial Intelligence) (43)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (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 <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,IOTAIML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>CSE (Data Science) (44)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (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 <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,IOTAIML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (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 <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,IOTAIML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (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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BRANCH	DAY AND DATE				
	20-03-2023 (Monday)	21-03-2023 (Tuesday)	23-03-2023 (Thursday)	24-03-2023 (Friday)	25-03-2023 (Saturday)
<b>CSE (Cyber Security) (46)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT), CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS), CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT), CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS), CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>CSE (Computer Science and Business System) (48)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT), CSE(CSBS),CSE(IOT), IOT)	Operating Systems <b>R2022481</b> (Common to CSE(CSBS), CS)	Java Programming <b>R2022054</b> (Common to CSE,IT,CSE(CSBS),CS)	Fundamentals of Economics <b>R2022482</b>
<b>CSE (Internet of Things) (49)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS), CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy <b>R2022055</b> (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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**TIME TABLE**

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BRANCH	DAY AND DATE				
	20-03-2023 (Monday)	21-03-2023 (Tuesday)	23-03-2023 (Thursday)	24-03-2023 (Friday)	25-03-2023 (Saturday)
<b>FOOD ENGINEERING (51)</b>	Python Programming <b>R2022021</b> (Common to EEE, FE)	Principles of Food Engineering - II <b>R2022511</b>	Food Chemistry <b>R2022512</b>	Processing of Cereals, Pulses and Oilseeds <b>R2022513</b>	Managerial Economics & Financial Analysis <b>R2022015</b>
<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (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 <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,IOT,AIML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>PHARMACEUTICAL ENGINEERING (55)</b>	Heat Transfer for Pharmaceutical Engineers <b>R2022551</b>	Physical Pharmaceutics <b>R2022552</b>	Principles of Microbiology and Biochemistry <b>R2022553</b>	Reaction Engineering for Pharmaceutical Engineers <b>R2022554</b>	Anatomy and Physiology <b>R2022555</b>
<b>CYBER SECURITY (59)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>INTERNET OF THINGS (60)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)





II B.TECH II SEMESTER (R20)

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BRANCH	DAY AND DATE				
	20-03-2023 (Monday)	21-03-2023 (Tuesday)	23-03-2023 (Thursday)	24-03-2023 (Friday)	25-03-2023 (Saturday)
<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (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 <b>R2022422</b> (Comm to CSE(AIML),AIDS,CSE(AIDS),AIDS,IOT,AIML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>COMPUTER SCIENCE AND DESIGN (62)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Visual Design and Communication <b>R2022621</b>	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AIML),AIDS,CSE(AIDS),AIDS,IOT,AIML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (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: 13-03-2023****Controller of Examinations**



















# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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## III B.TECH II SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, MARCH - 2023

### TIME TABLE

TIME: 10.00 AM TO 12.00 NOON

BRANCH	DATE & DAY					
	06.03.2023 (Monday)	07.03.2023 (Tuesday)	09.03.2023 (Thursday)	10.03.2023 (Friday)	13.03.2023 (Monday)	14.03.2023 (Tuesday)
<b>CIVIL ENGINEERING (01 CE)</b>	Design And Drawing of Steel Structures (R2032011)	Water Resource Engineering (R2032012)	Geotechnical Engineering-II (R2032013)	<b>Professional Elective (PE- II) :-</b> Advanced Structural Analysis R203201A Architecture and Town Planning R203201B Road Safety Engineering R203201C Traffic Engineering R203201D	<b>Open Elective (OE II) :-</b> 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)	.....
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)</b>	Microprocessors and Microcontrollers (R2032021)	Electrical Measurements and Instrumentation (R2032022)	Power System Analysis (R2032023)	<b>Professional Elective (PE) :-</b> Signal and Systems R203202A Electric Drives R203202B Advanced Control Systems R203202C Switchgear and Protection R203202D Big Data Analytics R203202E	<b>Open Elective (OE II) :-</b> Battery Management Systems and Charging Stations R203202F Fundamentals of utilization of Electrical Energy R203202G Indian Electricity Act R203202H	.....
<b>MECHANICAL ENGINEERING (03 ME)</b>	Heat Transfer (R2032031)	Design of Machine Members-II (R2031032)	Introduction to Artificial Intelligence and Machine Learning (R2032033)	<b>Professional Elective (PE) :-</b> Automobile Engineering R203203A Smart Manufacturing R203203B Advanced Mechanics of Solids R203203C Statistical Quality Control R203203D Industrial Hydraulics and Pneumatics R203203E	<b>Open Elective (OE II) :-</b> Industrial Robotics R203203G Essentials of Mechanical Engineering R203203H Advanced Materials R203203I Introduction to Automobile Engineering R203203J	.....



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

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<b>ELECTRONICS &amp; COMMUNICATIONS ENGINEERING (04 ECE)</b>	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	.....
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 CSE)</b>	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)	.....





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



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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## III B.TECH II SEMESTER (R20 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, MARCH - 2023

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<b>AGRICULTURAL ENGINEERING (35 AGE)</b>	Soil and Water Conservation Engineering (R2032351)	Farm Machinery and Equipment - II (R2032352)	Agricultural Process Engineering (R2032353)	<b>Professional Elective (PE) :-</b> Food Packaging Technology R203235A Watershed Management R203235B Human Engineering and Safety R203235C	<b>Open Elective (OE II) :-</b> 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	.....
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	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)	<b>Professional Elective (PE) :-</b> 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)	<b>Open Elective (OE I) :-</b> MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	.....
<b>CSE (Artificial Intelligence) (43)</b>	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)	<b>Professional Elective (PE) :-</b> 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	<b>Open Elective (OE II) :-</b> MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	.....



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<b>CSE (Data Science) (44)</b>	<b>Computer Networks (R2032421)</b> (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	<b>Big Data Analytics (R2032121)</b> (Common to IT,CSE(DS),CSE(AIDS),AIDS)	<b>Design and Analysis of Algorithms (R2032423)</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<u><b>Professional Elective (PE) :-</b></u> Deep Learning <b>R203244A</b> (Comm to CSE(DS),CSE(AIDS),AIDS,CSD) Software Project Management <b>R203242A</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS ,AIML,CSD) Distributed Systems <b>R203242B</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS ,AIML,CSD) Data Wrangling in Data Science <b>R203244B</b> (Comm to CSE(DS),CSE(AIDS),AIDS) ETL Principles <b>R203244C</b>	<u><b>Open Elective (OE II) :-</b></u> MEAN Stack Development <b>R203205E</b> (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS, ,AIML,CSD)	.....
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	<b>Computer Networks (R2032421)</b> (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	<b>Big Data Analytics (R2032121)</b> (Common to IT,CSE(DS),CSE(AIDS),AIDS)	<b>Design and Analysis of Algorithms (R2032423)</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<u><b>Professional Elective (PE) :-</b></u> Deep Learning <b>R203244A</b> (Comm to CSE(DS),CSE(AIDS),AIDS,CSD) Software Project Management <b>R203242A</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS ,AIML,CSD) Distributed Systems <b>R203242B</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS ,AIML,CSD) Data Wrangling in Data Science <b>R203244B</b> (Comm to CSE(DS),CSE(AIDS),AIDS) Snow Flake Cloud Analytics <b>R203245A</b> (Common to CSE(AIDS),AIDS)	<u><b>Open Elective (OE II) :-</b></u> MEAN Stack Development <b>R203205E</b> (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS, ,AIML,CSD)	.....
<b>CSE (Cyber Security) (46)</b>	<b>Machine Learning (R2032462)</b> (Common to CSE(CS),CSE(IOT),CS)	<b>Cryptography and Network Security (R2032461)</b> (Comm to CSE(CS),IOTCSIBCT,CS)	<b>Introduction to Cyber Security (R2032463)</b> (Common to CSE(CS),IOTCSIBCT,CS)	.....	<u><b>Open Elective (OE II) :-</b></u> Web Services <b>R203246B</b> (Comm to CSE(CS),IOTCSIBCT,CS)	.....



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<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b>	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)		<b>Open Elective (OE II) :-</b> Web Services R203246B (Comm to CSE(CS)IOTCSIBCT,CS)	.....
<b>CSE (Internet of Things) (49)</b>	Machine Learning (R2032462) (Common to CSE(CS)CSE(IOT),CS )	Embedded System Design (R2032491)	Sensors and Actuator Devices for IoT (R2032492)		<b>Open Elective (OE II) :-</b> Social Network and Semantic Web Course R203249B	.....
<b>FOOD ENGINEERING (51)</b>	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	.....
<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	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)	<b>Professional Elective (PE) :-</b> 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)	<b>Open Elective (OE II) :-</b> MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS, ,AIML,CSD)	.....



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





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<b>COMPUTER SCIENCE AND DESIGN (62)</b>	Computer Networks <b>(R2032421)</b> (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Computer Aided Design <b>(R2032621)</b>	Design and Analysis of Algorithms <b>(R2031423)</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI ML)	<b>Professional Elective (PE) :-</b> Deep Learning <b>R203244A</b> (Common to CSE(DS),CSE(AIDS),AIDS,CSD) Software Project Management <b>R203242A</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS ,AIML,CSD) Distributed Systems <b>R203242B</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS ,AIML,CSD) Network Programming <b>R203205D</b> (Comm to CSE,CSE(AIML),CSE(AI),AIML,CSD)	<b>Open Elective (OE II) :-</b> MEAN Stack Development <b>R203205E</b> (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: 27-02-2023

Controller of Examinations



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
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**IV B.TECH - II SEMESTER (R19) I MID & ONLINE QUIZ EXAMINATIONS, FEBRUARY - 2023**

**TIME TABLE**

**TIME : 10.00 AM TO 12.00 NOON**

<b>Branch</b>	<b>06-02-2023 (Monday)</b>	<b>07-02-2023 (Tuesday)</b>	<b>08-02-2023 (Wednesday)</b>	<b>09-02-2023 (Thursday)</b>	<b>10-02-2023 (Friday)</b>
<b>Civil Engineering (01)</b>	Estimation Specifications and Contract (R1942011)	<b>Program Elective – IV</b> Finite Element Methods (R194201A), Design & Drawing of Irrigation Structures (R194201B), Soil Dynamics and Machine Foundations (R194201C), Road Safety Engineering (R194201D), Disaster Management & Mitigation (R194201E), SWAYAM / NPTEL /MOOCS COURSES(12 weeks duration ) (R194201F)	.....	<b>Program Elective – V</b> Advanced Structural Analysis (R194201G), Urban Hydrology (R194201H), Ground Improvement Techniques (R194201I), Pavement Management Systems (R194201J), Low-cost Housing, (R194201K), SWAYAM/NPTEL /MOOCS COURSES(12 weeks duration) (R194201L)	.....
<b>Electrical &amp; Electronics Engineering (02)</b>	Power System Operation & Control (R1942021)	<b>Elective – IV</b> Electrical Distribution Systems (R194202A), HVAC & DC Transmission (R194202B), Flexible Alternating Current Transmission Systems (R194202C), Power Quality (R194202D), Smart Grid (R194202E), Special Electrical Machines (R194202F)	Open Elective ( offered by Civil) Disaster Management (R194201M), Environmental Pollution & Control (R194201N), Elements of Civil Engineering (R194201O), Green Technology (R194201P), Smart Cities (R194201Q), Project Management (R194201R), Traffic Safety (R194201S), Geo-Spatial Technologies (R194201T), Waste Water Treatment (R194201U) <b>Open Elective – II ( offered by ME)</b> Green Energy Systems (R194203K), Robotics (R194203L), Energy Management (R194203M), 3D Printing Technologies (R194203N), Mechatronics (R194203O) <b>Open Elective – II ( offered by ECE)</b> Embedded Systems (Except for ECE) (R194204H) <b>Open Elective – II ( offered by CSE)</b> Problem Solving using Python (R194205I), Web Technologies (R194205J), Machine Learning (R194205K), Distributed Computing (R194205L), AI Tools & Techniques (R194205M), Data Science (R194205N)	.....	.....



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
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**IV B.TECH - II SEMESTER (R19) I MID & ONLINE QUIZ EXAMINATIONS, FEBRUARY - 2023**

**TIME TABLE**

**TIME : 10.00 AM TO 12.00 NOON**

<b>Branch</b>	<b>06-02-2023 (Monday)</b>	<b>07-02-2023 (Tuesday)</b>	<b>08-02-2023 (Wednesday)</b>	<b>09-02-2023 (Thursday)</b>	<b>10-02-2023 (Friday)</b>
<b>Mechanical Engineering (03)</b>	<p align="center"><b>Elective – V</b> Additive Manufacturing (R194203A), Gas Dynamics and Jet Propulsion (R194203B), Reliability Engineering (R194203D), MOOCs (NPTEL/Swayam) 12 WEEKS (R194203E)</p>	<p align="center"><b>Elective – VI</b> Condition Monitoring (R194203F), Computational Fluid Dynamics (R194203G), Non Destructive Evaluation (R194203H), Control Systems (R194203I), Entrepreneurship Development (R194203J)</p>	<p align="center"><b>Open Elective (offered by Civil)</b> Disaster Management (R194201M), Environmental Pollution &amp; Control (R194201N), Elements of Civil Engineering (R194201O), Green Technology (R194201P), Smart Cities (R194201Q), Project Management (R194201R), Traffic Safety (R194201S), Geo-Spatial Technologies (R194201T), Waste Water Treatment (R194201U)</p> <p align="center"><b>Open Elective II (offered by EEE)</b> Measurements &amp; Instrumentation (Except for EEE) (R194202G), Fundamentals of Utilization of Electrical Energy (Except for EEE) (R194202H), Concepts of Power System Engineering (Except for EEE) (R194202I), Basics of Control Systems (Except for EEE) (R194202J), Energy Audit (Except for EEE) (R194202K)</p> <p align="center"><b>Open Elective – II (offered by ME)</b> Green Energy Systems (R194203K), Robotics (R194203L), Energy Management (R194203M), 3D Printing Technologies (R194203N), Mechatronics (R194203O)</p> <p align="center"><b>Open Elective – II (offered by ECE)</b> Embedded Systems (Except for ECE) (R194204H)</p> <p align="center"><b>Open Elective – II (offered by CSE)</b> Problem Solving using Python (R194205I), Web Technologies (R194205J), Machine Learning (R194205K), Distributed Computing (R194205L), AI Tools &amp; Techniques (R194205M), Data Science (R194205N)</p>	<p align="center"><b>Open Elective – III (offered by ME)</b> Total Quality Management (R194203P), Supply Chain Management (R194203Q), Entrepreneurship (R194203R), Advanced Materials (R194203S)</p> <p align="center"><b>Open Elective – III (offered by CSE &amp; IT)</b> Image Processing (Except for CSE &amp; IT) (R194205F) Mobile Application Development (Except for CSE&amp;IT) (R194205G) Cyber Security (Except for CSE &amp; IT) (R194205H)</p> <p align="center"><b>Open Elective – III (offered by PE)</b> Shale Gas Technology (Except for PE) (R194227G), Basic concepts of Enhanced Oil Recovery Techniques (Except for PE) (R194227H)</p> <p align="center"><b>Open Elective – III (offered by AGE)</b> Design of Agricultural Machinery (R194235D), Food Quality and Control (R194235E), Industrial Pollution Control Engineering (R194235F)</p>	<p align="center">Product Design &amp; Development (R194203C)</p> <p align="center">Deep Learning (R194205A)</p> <p align="center">Block chain Technologies (R194205D)</p> <p align="center">Big Data Analytics (R194205E)</p>



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
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**IV B.TECH - II SEMESTER (R19) I MID & ONLINE QUIZ EXAMINATIONS, FEBRUARY - 2023**

**TIME TABLE**

**TIME : 10.00 AM TO 12.00 NOON**

<b>Branch</b>	<b>06-02-2023 (Monday)</b>	<b>07-02-2023 (Tuesday)</b>	<b>08-02-2023 (Wednesday)</b>	<b>09-02-2023 (Thursday)</b>	<b>10-02-2023 (Friday)</b>
<b>Electronics &amp; Communication Engineering (04)</b>	<b>Elective – V</b> Wireless Communication <b>(R194204A)</b> , VLSI Testing & Testability <b>(R194204B)</b> , Machine Learning & Artificial Intelligence <b>(R194204C)</b> , Speech Processing <b>(R194204D)</b> , Industrial Internet of things <b>(R194204E)</b>	.....	<b>Open Elective (offered by Civil)</b> Disaster Management <b>(R194201M)</b> , Environmental Pollution & Control <b>(R194201N)</b> , Elements of Civil Engineering <b>(R194201O)</b> , Green Technology <b>(R194201P)</b> , Smart Cities <b>(R194201Q)</b> , Project Management <b>(R194201R)</b> , Traffic Safety <b>(R194201S)</b> , Geo-Spatial Technologies <b>(R194201T)</b> , Waste Water Treatment <b>(R194201U)</b> <b>Open Elective II (offered by EEE)</b> Measurements & Instrumentation (Except for EEE) <b>(R194202G)</b> , Fundamentals of Utilization of Electrical Energy (Except for EEE) <b>(R194202H)</b> , Concepts of Power System Engineering (Except for EEE) <b>(R194202I)</b> , Basics of Control Systems (Except for EEE) <b>(R194202J)</b> , Energy Audit (Except for EEE) <b>(R194202K)</b> <b>Open Elective – II (offered by ME)</b> Green Energy Systems <b>(R194203K)</b> , Robotics <b>(R194203L)</b> , Energy Management <b>(R194203M)</b> , 3D Printing Technologies <b>(R194203N)</b> Mechatronics <b>(R194203O)</b> <b>Open Elective – II (offered by ECE)</b> 3D Printing (Open Electives for ECE) <b>(R194204F)</b> , Cyber Security & Cryptography (Open Electives for ECE) <b>(R194204G)</b> <b>Open Elective – II (offered by CSE)</b> Problem Solving using Python <b>(R194205I)</b> , Web Technologies <b>(R194205J)</b> , Machine Learning <b>(R194205K)</b> , Distributed Computing <b>(R194205L)</b> , AI Tools & Techniques <b>(R194205M)</b> , Data Science <b>(R194205N)</b>	.....	<b>Block chain Technologies (R194205D)</b>



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**IV B.TECH - II SEMESTER (R19) I MID & ONLINE QUIZ EXAMINATIONS, FEBRUARY - 2023**

**TIME TABLE**

**TIME : 10.00 AM TO 12.00 NOON**

<b>Branch</b>	<b>06-02-2023 (Monday)</b>	<b>07-02-2023 (Tuesday)</b>	<b>08-02-2023 (Wednesday)</b>	<b>09-02-2023 (Thursday)</b>	<b>10-02-2023 (Friday)</b>
<b>Computer Science &amp; Engineering (05)</b>	Management and Organizational Behavior (Common to CSE & IT) (R1942051)	<b>Elective – V</b> Quantum Computing (Common to CSE & IT) (R194205B), DevOps (R194205C),	<b>Open Elective (offered by Civil)</b> Disaster Management (R194201M), Environmental Pollution & Control (R194201N), Elements of Civil Engineering (R194201O), Green Technology (R194201P), Smart Cities (R194201Q), Project Management (R194201R), Traffic Safety (R194201S), Geo-Spatial Technologies (R194201T), Waste Water Treatment (R194201U)	<b>Open Elective – III (offered by ME)</b> Total Quality Management (R194203P), Supply Chain Management (R194203Q), Entrepreneurship (R194203R), Advanced Materials (R194203S) <b>Open Elective – III (offered by PE)</b> Shale Gas Technology (Except for PE Branch) (R194227G), Basic concepts of Enhanced Oil Recovery Techniques (Except for PE) (R194227H) <b>Open Elective – III (offered by AGE)</b> Design of Agricultural Machinery (R194235D), Food Quality and Control (R194235E), Industrial Pollution Control Engineering (R194235F)	Product Design & Development (R194203C), Deep Learning (R194205A), Block chain Technologies (R194205D), Big Data Analytics (R194205E)
<b>Information Technology (12)</b>	Management and Organizational Behavior (Common to CSE & IT) (R1942051)	<b>Elective – V</b> Quantum Computing (Common to CSE & IT) (R194205B), Software Project Management (R194212A), Network Programming (R194212B)	<b>Open Elective (offered by Civil)</b> Disaster Management (R194201M), Environmental Pollution & Control (R194201N), Elements of Civil Engineering (R194201O), Green Technology (R194201P), Smart Cities (R194201Q), Project Management (R194201R), Traffic Safety (R194201S), Geo-Spatial Technologies (R194201T), Waste Water Treatment (R194201U)	<b>Open Elective – III (offered by ME)</b> Total Quality Management (R194203P), Supply Chain Management (R194203Q), Entrepreneurship (R194203R), Advanced Materials (R194203S) <b>Open Elective – III (offered by PE)</b> Shale Gas Technology (Except for PE) (R194227G), Basic concepts of Enhanced Oil Recovery Techniques (Except for PE) (R194227H), <b>Open Elective – III (offered by AGE)</b> Design of Agricultural Machinery (R194235D), Food Quality and Control (R194235E), Industrial Pollution Control Engineering (R194235F)	Product Design & Development (R194203C), Deep Learning (R194205A), Block chain Technologies (R194205D), Big Data Analytics (R194205E)





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
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**IV B.TECH - II SEMESTER (R19) I MID & ONLINE QUIZ EXAMINATIONS, FEBRUARY - 2023**

**TIME TABLE**

**TIME : 10.00 AM TO 12.00 NOON**

<b>Branch</b>	<b>06-02-2023 (Monday)</b>	<b>07-02-2023 (Tuesday)</b>	<b>08-02-2023 (Wednesday)</b>	<b>09-02-2023 (Thursday)</b>	<b>10-02-2023 (Friday)</b>
<b>Automobile Engineering (24)</b>	Noise, Vibrations and Harshness (R1942241)	Vehicle Maintenance (R1942242)	Certification and Homologation (R1942243)	<b>Elective – III</b> Automotive Safety (R194224A), Automotive HVAC (R194224B), Special Purpose Vehicles (R194224C)	.....
<b>Mining Engineering (26)</b>	Mine Economics & Investment (R1942261)	Numerical Modeling in Mining (R1942262)	<b>Elective – II</b> Planning of Underground Metal Mining Projects (R194226A), Long wall mining (R194226B), Planning of Surface Mining Projects (R194226C)	.....	.....
<b>Petroleum Engineering (27)</b>	<b>Elective – VI</b> Production Optimization using Nodal Analysis, (R194227A), Deepwater Technology, (R194227B) Any other course subjective availability from NPTEL database (12 Weeks) other than regular offered courses. (R194227C)	<b>Elective – VII</b> Asset Management (R194227D) Petroleum Economics, Policies and Regulations (R194227E) Any other course subjective availability from NPTEL database (12 Weeks) other than regular offered courses. (R194227F)	<b>Open Elective</b> (offered by civil) Disaster Management (R194201M), Environmental Pollution & Control (R194201N), Elements of Civil Engineering (R194201O), Green Technology (R194201P), Smart Cities (R194201Q), Project Management (R194201R), Traffic Safety (R194201S), Geo-Spatial Technologies (R194201T), Waste Water Treatment (R194201U)	<b>Open Elective – III (offered by ME)</b> Total Quality Management (R194203P), Supply Chain Management (R194203Q), Entrepreneurship (R194203R), Advanced Materials (R194203S) <b>Open Elective – III (offered by CSE &amp; IT)</b> Image Processing (Except for CSE & IT) (R194205F), Mobile Application Development (Except for CSE & IT) (R194205G), Cyber Security (Except for CSE & IT) (R194205H) <b>Open Elective – III (offered by AGE)</b> Design of Agricultural Machinery (R194235D), Food Quality and Control (R194235E), Industrial Pollution Control Engineering (R194235F)	Product Design & Development (R194203C)  Deep Learning (R194205A)  Block chain Technologies (R194205D)  Big Data Analytics (R194205E)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**IV B.TECH - II SEMESTER (R19) I MID & ONLINE QUIZ EXAMINATIONS, FEBRUARY - 2023**

**TIME TABLE**

**TIME : 10.00 AM TO 12.00 NOON**

Branch	06-02-2023 (Monday)	07-02-2023 (Tuesday)	08-02-2023 (Wednesday)	09-02-2023 (Thursday)	10-02-2023 (Friday)
<b>Agricultural Engineering (35)</b>	Agricultural Extension Techniques and Business Management (R1942351)	<b>Elective –IV</b> Design of Soil and Water Conservation and Form Systems (R194235A),  Process Equipment Design (R194235B),  Digital Control Systems (R194235C)	<b>Open Elective – IV</b> (offered by AGE) Agro Industries and By-Products Utilization (R194235G) Hydraulic Devices and Controls (R194235H) Water Resource System Planning and Management (R194235I) Open Elective (offered by civil) Disaster Management (R194201M), Environmental Pollution & Control (R194201N) Elements of Civil Engineering (R194201O) Green Technology (R194201P) Smart Cities (R194201Q) Project Management (R194201R) Traffic Safety (R194201S) Geo-Spatial Technologies (R194201T) Waste Water Treatment (R194201U)	<b>Open Elective – III (offered by ME)</b> Total Quality Management (R194203P), Supply Chain Management (R194203Q), Entrepreneurship (R194203R), Advanced Materials (R194203S) <b>Open Elective – III (offered by CSE &amp; IT)</b> Image Processing (Except for CSE & IT) (R194205F) Mobile Application Development (Except for CSE & IT) (R194205G) Cyber Security (Except for CSE & IT) (R194205H) <b>Open Elective – III (offered by PE)</b> Shale Gas Technology (Except for PE) (R194227G), Basic concepts of Enhanced Oil Recovery Techniques (Except for PE Branch) (R194227H), <b>Open Elective – III (offered by AGE)</b> Design of Agricultural Machinery (R194235D), Food Quality and Control (R194235E), Industrial Pollution Control Engineering (R194235F)	Product Design & Development (R194203C)  Deep Learning (R194205A)  Block chain Technologies (R194205D)  Big Data Analytics (R194205E)

**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: 24 -01-2023**

**Controller of Examinations**



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

I B.TECH II SEMEST

## I B. TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, JUNE - 2023

### TIME TABLE

TIME: 02.00 PM TO 04.00 PM

Branch	19-06-2023 (Monday)	20-06-2023 (Tuesday)	21-06-2023 (Wednesday)	22-06-2023 (Thursday)	23-06-2023 (Friday)	24-06-2023 (Saturday)
Subjects	Mathematics - II <b>R201201</b>	Building Materials and Concrete Technology <b>R201205</b> (Only for CE)  Applied Physics <b>R201207</b> (Comm to EEE, ECE, EIE, ECT, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, AI&DS)  Basic Electrical and Electronics Engineering <b>R201211</b> (Comm to ME, AME, Mining, PE, FE, Pharm. E)	Programming for Problem Solving Using C <b>R201204</b> (Comm to CE, Agri E)  Data Structures Through C <b>R201208</b> (Only for EEE)  Basic Electrical Engineering <b>R201214</b> (Comm to ECE, EIE, ECT)  Computer Organization <b>R201216</b> (Comm to CSE, IT)  Digital Logic Design <b>R201221</b> (Comm to CSE-CS&T, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, CSE-CS, CSE-IOT&CS INCL BCT, CSE-CS&BS, CSE-IOT, AI&DS, Cyber Security)  Engineering Physics <b>R201222</b> (Comm. to AME, Mining, PE, FE)	Data Structures <b>R201218</b> (Comm to CSE, IT, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, AI&DS)  Problem Solving Using Python <b>R201219</b> (Comm to CSE-CS&T, CSE-CS, CSE-IOT&CS Incl BCT, CSE-CS&BS, CSE-IOT, Cyber Security)  Pharmaceutical Chemistry <b>R201258</b> (Only for Pharm. E)  Electrical Circuit Analysis -I <b>R201209</b> (Only for EEE)  Engineering Mechanics <b>R201210</b> (Comm to ME, PE, Agri E, FE)  Mechanics of Solids <b>R201255</b> (Only for Mining)  Metallurgy & Materials Science <b>R201256</b> (Only for AME)	Engineering Mechanics <b>R201203</b> (Only for CE)  Thermodynamics <b>R201254</b> (Only for ME)  Basic Civil and Mechanical Engineering <b>R201227</b> (Only for EEE)  Computer Aided Engineering Drawing <b>R201226</b> (Only for FE)  Engineering Drawing <b>R201224</b> (Comm to Mining, Agri.E, Phar.E)  Object Oriented Programming through Java <b>R201212</b> (Comm to ECE, EIE, ECT)  Basic Electrical & Electronics Engineering <b>R201220</b> (Comm to CSE-CS&T, CSE-CS, CSE-IOT&CS Incl BCT, CSE-CS&BS, CSE-IOT, Cyber Security)  Engineering Graphics <b>R201257</b> (Only for AME)  Python Programming <b>R201225</b> (Comm to CSE, IT, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, AI&DS)  Elements of Mechanical Engineering <b>R201223</b> (Only for PE)	Mathematics-III <b>R201206</b> (Only for EEE)  Engineering Chemistry <b>R201202</b> (Comm. to CE, ME, Agri.E)  Applied Chemistry <b>R201215</b> (Comm to CSE, CSE-CS&T, IT, CSE-CS, CSE-IOT&CS Incl BCT, CSE-CS&BS, CSE-IOT, Cyber Security)  Network Analysis <b>R201213</b> (Comm to ECE, EIE, ECT)  Engineering and Solid Mechanics <b>R201259</b> (Only for Pharm. E)

#### NOTE:

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

DATE: 07-06-2023

Controller of Examinations



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, JUNE - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	19-06-2023 (Monday)	20-06-2023 (Tuesday)	21-06-2023 (Wednesday)	22-06-2023 (Thursday)	23-06-2023 (Friday)
<b>CIVIL ENGINEERING (01-CE)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Strength of Materials -II <b>R2022012</b>	Hydraulics and Hydraulic Machinery <b>R2022013</b>	Environmental Engineering <b>R2022014</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Python Programming <b>R2022021</b> (Common to EEE, FE)	Digital Electronics <b>R2022022</b>	Power System-I <b>R2022023</b>	Induction and Synchronous Machines <b>R2022024</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>MECHANICAL ENGINEERING (03-ME)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Material Science & Metallurgy <b>R2022031</b>	Dynamics of Machinery <b>R2022032</b>	Thermal Engineering-I <b>R2022033</b>	Industrial Engineering and Management <b>R2022034</b>
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Digital IC Design <b>R2022042</b>	Analog Communications <b>R2022043</b> (Common to ECE,ECT)	Linear Control Systems <b>R2022044</b> (Common to ECE,EIE)	Management and Organizational Behavior <b>R2022045</b> (Common to ECE, PE)
<b>COMPUTER SCIENCE &amp; ENGINEERING (05-CSE)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Java Programming <b>R2022054</b> (Common to CSE,IT,CSE(CSBS),CS)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

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**II B.TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, JUNE - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	19-06-2023 (Monday)	20-06-2023 (Tuesday)	21-06-2023 (Wednesday)	22-06-2023 (Thursday)	23-06-2023 (Friday)
<b>COMPUTER SCIENCE &amp; TECHNOLOGY (06)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AD),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AIML,CSD)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AD),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Microprocessor and Microcontrollers <b>R2022101</b>	Integrated Circuits and applications <b>R2022102</b>	Linear Control Systems <b>R2022044</b> (Common to ECE,EIE)	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Statistics with R <b>R2022121</b>	Principles of Software Engineering <b>R2022122</b>	Automata Theory and Compiler Design <b>R2022123</b>	Java Programming <b>R2022054</b> (Common to CSE,IT,CSE(CSBS),CS)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>ELECTRONICS &amp; COMMUNICATION TECHNOLOGY (14)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Computer Architecture and Organization <b>R2022141</b>	Analog Communications <b>R2022043</b> (Common to ECE,ECT)	Electromagnetic Waves and Transmission Lines <b>R2022142</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Applied Thermodynamics <b>R2022241</b>	Automobile Engines <b>R2022242</b>	Automobile Electrical and Electronics <b>R2022243</b>	Operations Research <b>R2022244</b>





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**II B.TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, JUNE - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	19-06-2023 (Monday)	20-06-2023 (Tuesday)	21-06-2023 (Wednesday)	22-06-2023 (Thursday)	23-06-2023 (Friday)
<b>MINING ENGINEERING (26-MM)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Fluid Mechanics and Hydraulic Power <b>R2022261</b>	Rock Mechanics <b>R2022262</b>	Mine Ventilation <b>R2022263</b>	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY (27-PE)</b>	Mathematics –IV <b>R2022271</b>	Instrumentation, Process Dynamics & Control <b>R2022272</b>	Thermodynamics for Petroleum Engineers <b>R2022273</b>	Drilling & Well Completions <b>R2022274</b>	Management and Organizational Behavior <b>R2022045</b> (Common to ECE, PE)
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Heat and Mass Transfer <b>R2022351</b>	Ground Water Hydrology, Well and Pumps <b>R2022352</b>	Theory of Structures <b>R2022353</b>	Soil Mechanics <b>R2022354</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (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 <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,IOT,AIML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

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**II B.TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, JUNE - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	19-06-2023 (Monday)	20-06-2023 (Tuesday)	21-06-2023 (Wednesday)	22-06-2023 (Thursday)	23-06-2023 (Friday)
<b>CSE (Artificial Intelligence) (43)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (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 <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,IOTAIML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>CSE (Data Science) (44)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (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 <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,IOTAIML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (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 <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,IOTAIML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (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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<b>CSE (Cyber Security) (46)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT), CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS), CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT), CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS), CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>CSE (Computer Science and Business System) (48)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT), CSE(CSBS),CSE(IOT), IOT)	Operating Systems <b>R2022481</b> (Common to CSE(CSBS), CS)	Java Programming <b>R2022054</b> (Common to CSE,IT,CSE(CSBS),CS)	Fundamentals of Economics <b>R2022482</b>
<b>CSE (Internet of Things) (49)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy <b>R2022055</b> (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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**II B.TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, JUNE - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	19-06-2023 (Monday)	20-06-2023 (Tuesday)	21-06-2023 (Wednesday)	22-06-2023 (Thursday)	23-06-2023 (Friday)
<b>FOOD ENGINEERING (51)</b>	Python Programming <b>R2022021</b> (Common to EEE, FE)	Principles of Food Engineering - II <b>R2022511</b>	Food Chemistry <b>R2022512</b>	Processing of Cereals, Pulses and Oilseeds <b>R2022513</b>	Managerial Economics & Financial Analysis <b>R2022015</b>
<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (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 <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,IOT,AIML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>PHARMACEUTICAL ENGINEERING (55)</b>	Heat Transfer for Pharmaceutical Engineers <b>R2022551</b>	Physical Pharmaceutics <b>R2022552</b>	Principles of Microbiology and Biochemistry <b>R2022553</b>	Reaction Engineering for Pharmaceutical Engineers <b>R2022554</b>	Anatomy and Physiology <b>R2022555</b>
<b>CYBER SECURITY (59)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>INTERNET OF THINGS (60)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)



II B.TECH II SEMESTER (R20)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

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**II B.TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, JUNE - 2023****TIME TABLE****TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DAY AND DATE				
	19-06-2023 (Monday)	20-06-2023 (Tuesday)	21-06-2023 (Wednesday)	22-06-2023 (Thursday)	23-06-2023 (Friday)
<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (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 <b>R2022422</b> (Comm to CSE(AIML),AIDS,CSE(AIDS),AIDS,IOT,AIML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)
<b>COMPUTER SCIENCE AND DESIGN (62)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Visual Design and Communication <b>R2022621</b>	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AIML),AIDS,CSE(AIDS),AIDS,IOT,AIML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (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: 05 -06-2023**

*H. R. K. K. K.*  
Controller of Examinations





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B.TECH II SEMESTER (R20 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, MAY - 2023**  
**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DATE & DAY					
	08.05.2023 (Monday)	09.05.2023 (Tuesday)	10.05.2023 (Wednesday)	11.05.2023 (Thursday)	12.05.2023 (Friday)	15.05.2023 (Monday)
<b>CIVIL ENGINEERING (01 CE)</b>	Design And Drawing of Steel Structures (R2032011)	Water Resource Engineering (R2032012)	Geotechnical Engineering-II (R2032013)	<b>Professional Elective (PE- II) :-</b> Advanced Structural Analysis R203201A Architecture and Town Planning R203201B Road Safety Engineering R203201C Traffic Engineering R203201D	<b>Open Elective (OE II) :-</b> 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)	.....
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)</b>	Microprocessors and Microcontrollers (R2032021)	Electrical Measurements and Instrumentation (R2032022)	Power System Analysis (R2032023)	<b>Professional Elective (PE) :-</b> Signal and Systems R203202A Electric Drives R203202B Advanced Control Systems R203202C Switchgear and Protection R203202D Big Data Analytics R203202E	<b>Open Elective (OE II) :-</b> Battery Management Systems and Charging Stations R203202F Fundamentals of utilization of Electrical Energy R203202G Indian Electricity Act R203202H	.....
<b>MECHANICAL ENGINEERING (03 ME)</b>	Heat Transfer (R2032031)	Design of Machine Members-II (R2031032)	Introduction to Artificial Intelligence and Machine Learning (R2032033)	<b>Professional Elective (PE) :-</b> Automobile Engineering R203203A Smart Manufacturing R203203B Advanced Mechanics of Solids R203203C Statistical Quality Control R203203D Industrial Hydraulics and Pneumatics R203203E	<b>Open Elective (OE II) :-</b> Industrial Robotics R203203G Essentials of Mechanical Engineering R203203H Advanced Materials R203203I Introduction to Automobile Engineering R203203J	.....



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<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04 ECE)</b>	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	.....
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 CSE)</b>	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)	.....



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<b>INFORMATION TECHNOLOGY (12 IT)</b>	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)	<b>Professional Elective (PE II) :-</b> Mobile Computing R203205A (Common to CSE,IT) MEAN Stack Development R203212A Design Patterns R203212B Scripting Languages R203212C	<b>Open Elective (OE II) :-</b> 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)	.....
<b>AUTO MOBILE ENGINEERING (24 AME)</b>	Automobile Components and Chassis Design (R2032241)	Automobile Transmission Systems (R2032242)	Vehicle Body Engineering (R2032243)	<b>Professional Elective (PE II) :-</b> CFD for Automobile Applications R203224A Condition Monitoring R203224B Noise Vibrations and Harshness R203224C Mechatronics R203224D Measurements and Control Systems R203224E	<b>Open Elective (OE II) :-</b> Alternative Fuels for Automobiles R203224G Vehicle Stability and Control R203224H Electric Vehicles and Hybrid Technology R203224I	.....
<b>MINING ENGINEERING (26 MM)</b>	Surface Mining (R2032261)	Mine Legislation and Safety (R2032262)	Underground Metal Mining (R2032263)	<b>Professional Elective (PE) :-</b> Computer Applications and Tools R203226A Mine Economics R203226B Mine Mechanization R203226C Mine Automation R203226D	<b>Open Elective (OE II) :-</b> 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 REGULATION) II MID & ONLINE QUIZ EXAMINATIONS, MAY - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 12.00 NOON**

BRANCH	DATE & DAY					
	08.05.2023 (Monday)	09.05.2023 (Tuesday)	10.05.2023 (Wednesday)	11.05.2023 (Thursday)	12.05.2023 (Friday)	15.05.2023 (Monday)
<b>AGRICULTURAL ENGINEERING (35 AGE)</b>	Soil and Water Conservation Engineering (R2032351)	Farm Machinery and Equipment - II (R2032352)	Agricultural Process Engineering (R2032353)	<b>Professional Elective (PE) :-</b> Food Packaging Technology R203235A Watershed Management R203235B Human Engineering and Safety R203235C	<b>Open Elective (OE II) :-</b> 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	.....
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	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)	<b>Professional Elective (PE) :-</b> 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)	<b>Open Elective (OE I) :-</b> MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,,AIML,CSD)	.....
<b>CSE (Artificial Intelligence) (43)</b>	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)	<b>Professional Elective (PE) :-</b> 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	<b>Open Elective (OE II) :-</b> MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,,AIML,CSD)	.....



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BRANCH	DATE & DAY					
	08.05.2023 (Monday)	09.05.2023 (Tuesday)	10.05.2023 (Wednesday)	11.05.2023 (Thursday)	12.05.2023 (Friday)	15.05.2023 (Monday)
<b>CSE (Data Science) (44)</b>	Computer Networks <b>(R2032421)</b> (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Big Data Analytics <b>(R2032121)</b> (Common to IT,CSE(DS),CSE(AIDS),AIDS)	Design and Analysis of Algorithms <b>(R2032423)</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<b>Professional Elective (PE) :-</b> Deep Learning <b>R203244A</b> (Comm to CSE(DS),CSE(AIDS),AIDS,CSD) Software Project Management <b>R203242A</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Distributed Systems <b>R203242B</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Data Wrangling in Data Science <b>R203244B</b> (Comm to CSE(DS),CSE(AIDS),AIDS) ETL Principles <b>R203244C</b>	<b>Open Elective (OE II) :-</b> MEAN Stack Development <b>R203205E</b> (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,,AIML,CSD)	.....
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	Computer Networks <b>(R2032421)</b> (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Big Data Analytics <b>(R2032121)</b> (Common to IT,CSE(DS),CSE(AIDS),AIDS)	Design and Analysis of Algorithms <b>(R2032423)</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<b>Professional Elective (PE) :-</b> Deep Learning <b>R203244A</b> (Comm to CSE(DS),CSE(AIDS),AIDS,CSD) Software Project Management <b>R203242A</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Distributed Systems <b>R203242B</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Data Wrangling in Data Science <b>R203244B</b> (Comm to CSE(DS),CSE(AIDS),AIDS) Snow Flake Cloud Analytics <b>R203245A</b> (Common to CSE(AIDS),AIDS)	<b>Open Elective (OE II) :-</b> MEAN Stack Development <b>R203205E</b> (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,,AIML,CSD)	.....
<b>CSE (Cyber Security) (46)</b>	Machine Learning <b>(R2032462)</b> (Common to CSE(CS),CSE(IOT),CS)	Cryptography and Network Security <b>(R2032461)</b> (Comm to CSE(CS),IOTCSIBCT,CS)	Introduction to Cyber Security <b>(R2032463)</b> (Common to CSE(CS),IOTCSIBCT,CS)		<b>Open Elective (OE II) :-</b> Web Services <b>R203246B</b> (Comm to CSE(CS),IOTCSIBCT,CS)	.....





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



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



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
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<b>COMPUTER SCIENCE AND DESIGN (62)</b>	Computer Networks <b>(R2032421)</b> (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Computer Aided Design <b>(R2032621)</b>	Design and Analysis of Algorithms <b>(R2031423)</b> (Common to CSE(AIML),CSE(AI),CSE (DS),CSE(AIDS),AIDS,AI ML)	<b>Professional Elective (PE) :-</b> Deep Learning <b>R203244A</b> (Common to CSE(DS),CSE(AIDS),AIDS,CSD) Software Project Management <b>R203242A</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS ,AIML,CSD) Distributed Systems <b>R203242B</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS ,AIML,CSD) Network Programming <b>R203205D</b> (Comm to CSE,CSE(AIML),CSE(AI),AIML,CSD)	<b>Open Elective (OE II) :-</b> MEAN Stack Development <b>R203205E</b> (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,,A IML,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: 21-04-2023**

*H. Reddic*  
**Controller of Examinations**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
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**IV B.TECH - II SEMESTER (R19) II MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2023**

**TIME TABLE**

**TIME : 10.00 AM TO 12.00 NOON**

<b>Branch</b>	<b>03-04-2023 (Monday)</b>	<b>06-04-2023 (Thursday)</b>	<b>10-04-2023 (Monday)</b>	<b>11-04-2023 (Tuesday)</b>	<b>12-04-2023 (Wednesday)</b>	<b>13-04-2023 (Thursday)</b>
<b>Civil Engineering (01)</b>	Estimation Specifications and Contract (R1942011)	<b>Program Elective – IV</b> Finite Element Methods (R194201A), Design & Drawing of Irrigation Structures (R194201B), Soil Dynamics and Machine Foundations (R194201C), Road Safety Engineering (R194201D), Disaster Management & Mitigation (R194201E), SWAYAM / NPTEL /MOOCS COURSES(12 weeks duration ) (R194201F)	.....	<b>Program Elective –V</b> Advanced Structural Analysis (R194201G), Urban Hydrology (R194201H), Ground Improvement Techniques (R194201I), Pavement Management Systems (R194201J), Low-cost Housing, (R194201K), SWAYAM/NPTEL /MOOCS COURSES(12 weeks duration) (R194201L)	.....	.....
<b>Electrical &amp; Electronics Engineering (02)</b>	Power System Operation & Control (R1942021)	<b>Elective – IV</b> Electrical Distribution Systems (R194202A), HVAC & DC Transmission (R194202B), Flexible Alternating Current Transmission Systems (R194202C), Power Quality (R194202D), Smart Grid (R194202E), Special Electrical Machines (R194202F)	Open Elective (offered by Civil) Disaster Management (R194201M), Environmental Pollution & Control (R194201N), Elements of Civil Engineering (R194201O), Green Technology (R194201P), Smart Cities (R194201Q), Project Management (R194201R), Traffic Safety (R194201S), Geo-Spatial Technologies (R194201T), Waste Water Treatment (R194201U) <b>Open Elective – II (offered by ME)</b> Green Energy Systems (R194203K), Robotics (R194203L), Energy Management (R194203M), 3D Printing Technologies (R194203N), Mechatronics (R194203O) <b>Open Elective – II (offered by ECE)</b> Embedded Systems (Except for ECE) (R194204H) <b>Open Elective – II (offered by CSE)</b> Problem Solving using Python (R194205I), Web Technologies (R194205J), Machine Learning (R194205K), Distributed Computing (R194205L), AI Tools & Techniques (R194205M), Data Science (R194205N)	.....	....	.....



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<b>Mechanical Engineering (03)</b>	<b>Elective – V</b> Additive Manufacturing (R194203A), Gas Dynamics and Jet Propulsion (R194203B), Reliability Engineering (R194203D), MOOCs (NPTEL/Swayam) 12 WEEKS (R194203E)	<b>Elective – VI</b> Condition Monitoring (R194203F), Computational Fluid Dynamics (R194203G), Non Destructive Evaluation (R194203H), Control Systems (R194203I), Entrepreneurship Development (R194203J)	<b>Open Elective (offered by Civil)</b> Disaster Management (R194201M), Environmental Pollution & Control (R194201N), Elements of Civil Engineering (R194201O), Green Technology (R194201P), Smart Cities (R194201Q), Project Management (R194201R), Traffic Safety (R194201S), Geo-Spatial Technologies (R194201T), Waste Water Treatment (R194201U) <b>Open Elective II (offered by EEE)</b> Measurements & Instrumentation (Except for EEE) (R194202G), Fundamentals of Utilization of Electrical Energy (Except for EEE) (R194202H), Concepts of Power System Engineering (Except for EEE) (R194202I), Basics of Control Systems (Except for EEE) (R194202J), Energy Audit (Except for EEE) (R194202K) <b>Open Elective – II (offered by ME)</b> Green Energy Systems (R194203K), Robotics (R194203L), Energy Management (R194203M), 3D Printing Technologies (R194203N), Mechatronics (R194203O) <b>Open Elective – II (offered by ECE)</b> Embedded Systems (Except for ECE) (R194204H) <b>Open Elective – II (offered by CSE)</b> Problem Solving using Python (R194205I), Web Technologies (R194205J), Machine Learning (R194205K), Distributed Computing (R194205L), AI Tools & Techniques (R194205M), Data Science (R194205N)	<b>Open Elective – III (offered by ME)</b> Total Quality Management (R194203P), Supply Chain Management (R194203Q), Entrepreneurship (R194203R), Advanced Materials (R194203S) <b>Open Elective – III (offered by CSE &amp; IT)</b> Image Processing (Except for CSE & IT) (R194205F) Mobile Application Development (Except for CSE&IT) (R194205G) Cyber Security (Except for CSE & IT) (R194205H) <b>Open Elective – III (offered by PE)</b> Shale Gas Technology (Except for PE) (R194227G), Basic concepts of Enhanced Oil Recovery Techniques (Except for PE) (R194227H) <b>Open Elective – III (offered by AGE)</b> Design of Agricultural Machinery (R194235D), Food Quality and Control (R194235E), Industrial Pollution Control Engineering (R194235F)	Deep Learning (R194205A)  Block chain Technologies (R194205D)  Big Data Analytics) (R194205E)	Product Design & Development (R194203C)





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<b>Electronics &amp; Communication Engineering (04)</b>	<b>Elective – V</b> Wireless Communication <b>(R194204A)</b> , VLSI Testing & Testability <b>(R194204B)</b> , Machine Learning & Artificial Intelligence <b>(R194204C)</b> , Speech Processing <b>(R194204D)</b> , Industrial Internet of things <b>(R194204E)</b>	.....	<b>Open Elective (offered by Civil)</b> Disaster Management <b>(R194201M)</b> , Environmental Pollution & Control <b>(R194201N)</b> , Elements of Civil Engineering <b>(R194201O)</b> , Green Technology <b>(R194201P)</b> , Smart Cities <b>(R194201Q)</b> , Project Management <b>(R194201R)</b> , Traffic Safety <b>(R194201S)</b> , Geo-Spatial Technologies <b>(R194201T)</b> , Waste Water Treatment <b>(R194201U)</b> <b>Open Elective II (offered by EEE)</b> Measurements & Instrumentation (Except for EEE) <b>(R194202G)</b> , Fundamentals of Utilization of Electrical Energy (Except for EEE) <b>(R194202H)</b> , Concepts of Power System Engineering (Except for EEE) <b>(R194202I)</b> , Basics of Control Systems (Except for EEE) <b>(R194202J)</b> , Energy Audit (Except for EEE) <b>(R194202K)</b> <b>Open Elective – II (offered by ME)</b> Green Energy Systems <b>(R194203K)</b> , Robotics <b>(R194203L)</b> , Energy Management <b>(R194203M)</b> , 3D Printing Technologies <b>(R194203N)</b> Mechatronics <b>(R194203O)</b> <b>Open Elective – II (offered by ECE)</b> 3D Printing (Open Electives for ECE) <b>(R194204F)</b> , Cyber Security & Cryptography (Open Electives for ECE) <b>(R194204G)</b> <b>Open Elective – II (offered by CSE)</b> Problem Solving using Python <b>(R194205I)</b> , Web Technologies <b>(R194205J)</b> , Machine Learning <b>(R194205K)</b> , Distributed Computing <b>(R194205L)</b> , AI Tools & Techniques <b>(R194205M)</b> , Data Science <b>(R194205N)</b>	.....	.....	Block chain Technologies <b>(R194205D)</b>	.....



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**TIME TABLE**

**TIME : 10.00 AM TO 12.00 NOON**

<b>Branch</b>	<b>03-04-2023 (Monday)</b>	<b>06-04-2023 (Thursday)</b>	<b>10-04-2023 (Monday)</b>	<b>11-04-2023 (Tuesday)</b>	<b>12-04-2023 (Wednesday)</b>	<b>13-04-2023 (Thursday)</b>
<b>Computer Science &amp; Engineering (05)</b>	Management and Organizational Behavior (Common to CSE & IT) (R1942051)	<b>Elective – V</b> Quantum Computing (Common to CSE & IT) (R194205B), DevOps (R194205C),	<b>Open Elective (offered by Civil)</b> Disaster Management (R194201M), Environmental Pollution & Control (R194201N), Elements of Civil Engineering (R194201O), Green Technology (R194201P), Smart Cities (R194201Q), Project Management (R194201R), Traffic Safety (R194201S), Geo-Spatial Technologies (R194201T), Waste Water Treatment (R194201U)	<b>Open Elective – III (offered by ME)</b> Total Quality Management (R194203P), Supply Chain Management (R194203Q), Entrepreneurship (R194203R), Advanced Materials (R194203S) <b>Open Elective – III (offered by PE)</b> Shale Gas Technology (Except for PE Branch) (R194227G), Basic concepts of Enhanced Oil Recovery Techniques (Except for PE) (R194227H) <b>Open Elective – III (offered by AGE)</b> Design of Agricultural Machinery (R194235D), Food Quality and Control (R194235E), Industrial Pollution Control Engineering (R194235F)	Deep Learning (R194205A), Block chain Technologies (R194205D), Big Data Analytics (R194205E)	Product Design & Development (R194203C)
<b>Information Technology (12)</b>	Management and Organizational Behavior (Common to CSE & IT) (R1942051)	<b>Elective – V</b> Quantum Computing (Common to CSE & IT) (R194205B), Software Project Management (R194212A), Network Programming (R194212B)	<b>Open Elective (offered by Civil)</b> Disaster Management (R194201M), Environmental Pollution & Control (R194201N), Elements of Civil Engineering (R194201O), Green Technology (R194201P), Smart Cities (R194201Q), Project Management (R194201R), Traffic Safety (R194201S), Geo-Spatial Technologies (R194201T), Waste Water Treatment (R194201U)	<b>Open Elective – III (offered by ME)</b> Total Quality Management (R194203P), Supply Chain Management (R194203Q), Entrepreneurship (R194203R), Advanced Materials (R194203S) <b>Open Elective – III (offered by PE)</b> Shale Gas Technology (Except for PE) (R194227G), Basic concepts of Enhanced Oil Recovery Techniques (Except for PE) (R194227H), <b>Open Elective – III (offered by AGE)</b> Design of Agricultural Machinery (R194235D), Food Quality and Control (R194235E), Industrial Pollution Control Engineering (R194235F)	Deep Learning (R194205A), Block chain Technologies (R194205D), Big Data Analytics (R194205E)	Product Design & Development (R194203C)



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## IV B.TECH - II SEMESTER (R19) II MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2023

### TIME TABLE

**TIME : 10.00 AM TO 12.00 NOON**

Branch	03-04-2023 (Monday)	06-04-2023 (Thursday)	10-04-2023 (Monday)	11-04-2023 (Tuesday)	12-04-2023 (Wednesday)	13-04-2023 (Thursday)
<b>Automobile Engineering (24)</b>	Noise, Vibrations and Harshness (R1942241)	Vehicle Maintenance (R1942242)	Certification and Homologation (R1942243)	Elective – III Automotive Safety (R194224A), Automotive HVAC (R194224B), Special Purpose Vehicles (R194224C)	.....	.....
<b>Mining Engineering (26)</b>	Mine Economics & Investment (R1942261)	Numerical Modeling in Mining (R1942262)	Elective – II Planning of Underground Metal Mining Projects (R194226A), Long wall mining (R194226B), Planning of Surface Mining Projects (R194226C)	.....	.....	.....
<b>Petroleum Engineering (27)</b>	Elective – VI Production Optimization using Nodal Analysis, (R194227A), Deepwater Technology, (R194227B) Any other course subjective availability from NPTEL database (12 Weeks) other than regular offered courses. (R194227C)	Elective – VII Asset Management (R194227D) Petroleum Economics, Policies and Regulations (R194227E) Any other course subjective availability from NPTEL database (12 Weeks) other than regular offered courses. (R194227F)	Open Elective (offered by civil) Disaster Management (R194201M), Environmental Pollution & Control (R194201N), Elements of Civil Engineering (R194201O), Green Technology (R194201P), Smart Cities (R194201Q), Project Management (R194201R), Traffic Safety (R194201S), Geo-Spatial Technologies (R194201T), Waste Water Treatment (R194201U)	Open Elective – III (offered by ME) Total Quality Management (R194203P), Supply Chain Management (R194203Q), Entrepreneurship (R194203R), Advanced Materials (R194203S) Open Elective – III (offered by CSE & IT) Image Processing (Except for CSE & IT) (R194205F), Mobile Application Development (Except for CSE & IT) (R194205G), Cyber Security (Except for CSE & IT) (R194205H) Open Elective – III (offered by AGE) Design of Agricultural Machinery (R194235D), Food Quality and Control (R194235E), Industrial Pollution Control Engineering (R194235F)	Deep Learning (R194205A)  Block chain Technologies (R194205D)  Big Data Analytics (R194205E)	Product Design & Development (R194203C)



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## IV B.TECH - II SEMESTER (R19) II MID & ONLINE QUIZ EXAMINATIONS, APRIL - 2023

### TIME TABLE


TIME : 10.00 AM TO 12.00 NOON

Branch	03-04-2023 (Monday)	06-04-2023 (Thursday)	10-04-2023 (Monday)	11-04-2023 (Tuesday)	12-04-2023 (Wednesday)	13-04-2023 (Thursday)
<b>Agricultural Engineering (35)</b>	Agricultural Extension Techniques and Business Management (R1942351)	<b>Elective –IV</b> Design of Soil and Water Conservation and Form Systems (R194235A),  Process Equipment Design (R194235B),  Digital Control Systems (R194235C)	<b>Open Elective – IV</b> (offered by AGE) Agro Industries and By-Products Utilization (R194235G) Hydraulic Devices and Controls (R194235H) Water Resource System Planning and Management (R194235I) Open Elective (offered by civil) Disaster Management (R194201M), Environmental Pollution & Control (R194201N) Elements of Civil Engineering (R194201O) Green Technology (R194201P) Smart Cities (R194201Q) Project Management (R194201R) Traffic Safety (R194201S) Geo-Spatial Technologies (R194201T) Waste Water Treatment (R194201U)	<b>Open Elective – III</b> (offered by ME) Total Quality Management (R194203P), Supply Chain Management (R194203Q), Entrepreneurship (R194203R), Advanced Materials (R194203S) <b>Open Elective – III</b> (offered by CSE & IT) Image Processing (Except for CSE & IT) (R194205F) Mobile Application Development (Except for CSE & IT) (R194205G) Cyber Security (Except for CSE & IT) (R194205H) <b>Open Elective – III (offered by PE)</b> Shale Gas Technology (Except for PE) (R194227G), Basic concepts of Enhanced Oil Recovery Techniques (Except for PE Branch) (R194227H), <b>Open Elective – III (offered by AGE)</b> Design of Agricultural Machinery (R194235D), Food Quality and Control (R194235E), Industrial Pollution Control Engineering (R194235F)	Deep Learning (R194205A)  Block chain Technologies (R194205D)  Big Data Analytics (R94205E)	Product Design & Development (R194203C)

**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: 21 -03-2023

  
**Controller of Examinations**



**I B.TECH I SEMESTER (R20)**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**I B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, FEBRUARY - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

Branch	13-02-2023 (Monday)	15-02-2023 (Wednesday)	17-02-2023 (Friday)	20-02-2023 (Monday)	22-02-2023 (Wednesday)	24-02-2023 (Friday)
<b>Subjects</b>	Communicative English <b>R201102</b> (Common to All Branches)	Mathematics-I <b>R201101</b> (Common to All Branches)	Programming for Problem Solving Using C <b>R201110</b> (Except CE, Agri E)  Engineering Geology <b>R201105</b> (Only for CE)	Engineering Drawing <b>R201104</b> (Comm to CE, ME, ECE, EIE, PE, FE)  Engineering Drawing & Design <b>R201111</b> (Only for EEE)  Principles of Soil Science and Agronomy <b>R201127</b> (Only for Agri E)  Design Drawing and Visualization <b>R201135</b> (Only for CSD)	Applied Physics <b>R201117</b> (Comm to CSE, CSE-CS&T, IT, CSE-CS, CSE-IOT&CS incl BCT, CSE-CS&BS, CSE-IOT, CS, IOT)  Engineering Mechanics <b>R201124</b> (Com. to AME, Min E)  Fundamental Chemistry <b>R201130</b> (Only for FE)  Engineering Physics <b>R201103</b> (Comm to CE, ME, Agri E, Phar. E)	Mathematics-II <b>R201109</b> (Only for EEE)  Engineering Chemistry <b>R201123</b> (Com. to AME, Min E, PE)  Engineering Chemistry <b>R201134</b> (Only for Phar. E)  Applied Chemistry <b>R201115</b> (Comm to ECE, EIE, ECT, CS AI&ML, CSE-AI, CSE-DS, C: AI&DS, 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 TIME TABLE IMMEDIATELY.

*H. Rekaric*

**Controller of Examinations**

**DATE: 30-01-2023**





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, JANUARY - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	18-01-2023 (Wednesday)	20-01-2023 (Friday)	23-01-2023 (Monday)	25-01-2023 (Wednesday)	28-01-2023 (Saturday)
<b>CIVIL ENGINEERING (01-CE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Strength of Materials-I <b>R2021012</b>	Fluid Mechanics <b>R2021013</b>	Surveying and Geometrics <b>R2021014</b>	Highway Engineering <b>R2021015</b>
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Mathematics – IV <b>R2021021</b>	Electronic Devices and Circuits <b>R2021022</b>	Electrical Circuit Analysis –II <b>R2021023</b>	DC Machines and Transformers <b>R2021024</b>	Electro Magnetic Fields <b>R2021025</b>
<b>MECHANICAL ENGINEERING (03-ME)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mechanics of Solids <b>R2021031</b> (Common to ME,AME)	Production Technology <b>R2021033</b>	Fluid Mechanics & Hydraulic Machines <b>R2021032</b> (Comm to ME,AME)	Kinematics of Machinery <b>R2021034</b>
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems <b>R2021043</b> (Common to ECE,EIE,ECT)	Random Variables and Stochastic Processes <b>R2021044</b> (Common to ECE,ECT)
<b>COMPUTER SCIENE &amp; ENGINEERING (05-CSE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE, CST, CSE (AIML),AI,DS,CSE(AIDS),CSE (CS),IOTCSBT,CSBS,IOT,AIDS,CS,AIML,IOT,CSD)	Object Oriented Programming through C++ <b>R2021051</b> (Common to CSE,IT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT,CS)	Software Engineering <b>R2021053</b>
<b>COMPUTER SCIENE &amp; TECHNOLOGY (06)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AI,DS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS,IOT,AIDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE (CS),CS,OITCSBT,CSBS,IOT,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CSE(CS),IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, JANUARY - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	18-01-2023 (Wednesday)	20-01-2023 (Friday)	23-01-2023 (Monday)	25-01-2023 (Wednesday)	28-01-2023 (Saturday)
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems <b>R2021043</b> (Common to ECE,EIE,ECT)	Electronic Measurements and Instrumentation <b>R2021101</b>
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Discrete Mathematics and Graph Theory <b>R2021122</b>	Object Oriented Programming through C++ <b>R2021051</b> (Common to CSE, IT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML), AI,DS,CSE(AIDS), AIDS,AIML,CSD)
<b>ELECTRONICS &amp; COMMUNICATION TECHNOLOGY (14)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Electronic Devices and Circuits <b>R2021041</b> (Common to ECE,EIE,ECT)	Switching Theory and Logic Design <b>R2021042</b> (Common to ECE,EIE,ECT)	Signals and Systems <b>R2021043</b> (Common to ECE,EIE,ECT)	Random Variables and Stochastic Process <b>R2021044</b> (Common to ECE,ECT)
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mechanics of Solids <b>R2021031</b> (Common to ME,AME)	Thermodynamics <b>R2021241</b>	Fluid Mechanics & Hydraulic Machines <b>R2021032</b> (Comm to ME,AME)	Components of Automobile Chassis <b>R2021242</b>
<b>MINING ENGINEERING (26-MM)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Development of Mineral Deposits <b>R2021261</b>	Mine Surveying <b>R2021262</b>	Engineering and Economic Geology <b>R2021263</b>	Mineral Processing Technology <b>R2021264</b>
<b>PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY (27-PE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Petroleum Geology <b>R2021271</b>	Fluid Mechanics for Petroleum Engineers <b>R2021272</b>	Heat Transfer Operations <b>R2021273</b>	Material and Energy Balances <b>R2021274</b>



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, JANUARY - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	18-01-2023 (Wednesday)	20-01-2023 (Friday)	23-01-2023 (Monday)	25-01-2023 (Wednesday)	28-01-2023 (Saturday)
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Surveying and Leveling <b>R2021351</b>	Fluid Mechanics and Open Channel Hydraulics <b>R2021352</b>	Properties and Strength of Materials <b>R2021353</b>	Farm Power and Tractor Systems <b>R2021354</b>
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AI,DS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Introduction to Artificial Intelligence and Machine Learning <b>R2021421</b> (Common to CSE(AIML), AIML)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS), AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML),AI,DS, CSE(AIDS), AIDS,AIML,CSD)
<b>CSE (Artificial Intelligence) (43)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AI,DS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Introduction to Artificial Intelligence <b>R2021431</b>	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML), AI,DS,CSE(AIDS),AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML, CSD)
<b>CSE (Data Science) (44)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AI,DS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Fundamentals of Data Science <b>R2021441</b>	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML), AI,DS,CSE(AIDS),AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML, CSD)
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AI,DS,CSE(AIDS),CS,IOTCSBT,CSBS,IOT, AIDS,AIML,IOT,CSD)	Introduction to Artificial Intelligence and Data Science <b>R2021451</b> (Comm to CSE(AIDS),AIDS)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS, AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML, CSD)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, JANUARY - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	18-01-2023 (Wednesday)	20-01-2023 (Friday)	23-01-2023 (Monday)	25-01-2023 (Wednesday)	28-01-2023 (Saturday)
<b>CSE (Cyber Security) (46)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML), AIDS,CSE(AIDS),CSE(CS),IOTCSBT,CSBS ,IOT,AIDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS, OITCSBT,CSBS,IOT,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)
<b>CSE (Internet of things and Cyber security including Block chain Technology) (47)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST, CSE(AIML),AIDS,CSE(AIDS), CSE(CS),IOTCSBT,CSBS,IOT, AIDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IO T,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)
<b>CSE (Computer Science and Business System) (48)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CS,IOTCSBT,CSBS, IOT,AIDS,AIML)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IO T,CS,IOT)	Formal Languages & Automata Theory <b>R2021481</b>	Computer Organization & Architecture <b>R2021482</b>
<b>CSE (Internet of Things) (49)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS,IOT,A IDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,CSBS,IO T,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS,IOT)
<b>FOOD ENGINEERING (51)</b>	Probability and Statistics <b>R2021511</b>	Principles of Food Engineering -I <b>R2021512</b>	Mechanical Operations in Food Processing <b>R2021513</b>	Fluid Mechanics in Food Processing <b>R2021514</b>	Food Microbiology <b>R2021515</b>



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, JANUARY - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE				
	18-01-2023 (Wednesday)	20-01-2023 (Friday)	23-01-2023 (Monday)	25-01-2023 (Wednesday)	28-01-2023 (Saturday)
<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML,IOT,CSD)	Introduction to Artificial Intelligence and Data Science <b>R2021451</b> (Comm to CSE(AIDS),AIDS)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS), AIDS,AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML, CSD)
<b>PHARMACEUTICAL ENGINEERING (55)</b>	Mathematics – III <b>R2021011</b> (Except EEE,FE) (Vector Calculus, Transforms and PDE)	Pharmacology <b>R2021551</b>	Material and Energy Balance Computations <b>R2021552</b>	Fluid Mechanics and Mechanical Unit Operations <b>R2021553</b>	Thermodynamics for pharmaceutical Engineers <b>R2021554</b>
<b>CYBER SECURITY (59)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AIDS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS, IOT,AIDS,CS,AIML,IOT,CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT, CSBS,IOT,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CSE(CS),IOTCSBT,IOT)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT,CS,.,IOT)
<b>INTERNET OF THINGS (60)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST,CSE(AIML),AI,DS, CSE(AIDS),CSE(CS),IOTCSBT,CSBS,IOT,AIDS,CS,AIML, IOT, CSD)	Data Structures <b>R2021061</b> (Common to CST,CSE(CS)CS,OITCSBT,C SBS,IOT,CS,IOT)	Operating Systems <b>R2021052</b> (Common to CSE,CST,IT,CS,IOTCSBT,IO T)	Java Programming <b>R2021062</b> (Comm to CST,CSE(CS),OITCSBT,IOT, CS,IOT)
<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST, CSE (AIML),AI,DS,CSE(AIDS),CSE(CS), IOTCSBT,CSBS,IOT,AIDS,CS,AIML,IOT,CS D)	Introduction to Artificial Intelligence and Machine Learning <b>R2021421</b> (Common to CSE(AIML),AIML)	Object Oriented Programming with Java <b>R2021422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS, AIML)	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AI,DS,CSE(AIDS), AIDS,AIML, CSD)





II B.TECH I SEMESTER (R20)

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## II B.TECH I SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, JANUARY - 2023

### TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DAY AND DATE				
	18-01-2023 (Wednesday)	20-01-2023 (Friday)	23-01-2023 (Monday)	25-01-2023 (Wednesday)	28-01-2023 (Saturday)
<b>COMPUTER SCIENCE AND DESIGN (62)</b>	Mathematics -III <b>R2021011</b> (Except EEE,FE)	Mathematical Foundations of Computer Science <b>R2021054</b> (Comm to CSE,CST, CSE (AIML),AIDS,CSE(AIDS),CSE(CS),OT CSBT,CSBS,IOT,AIDS,CS,AIML,IOT, CSD)	Computer Graphics <b>R2021621</b>	Multimedia and Application Development <b>R2021622</b>	Database Management Systems <b>R2021121</b> (Common to IT,CSE(AIML) AIDS,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: 26-12-2022

Controller of Examinations



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH I SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, DECEMBER - 2022

### TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY						
	12-12-2022 (Monday)	14-12-2022 (Wednesday)	16-12-2022 (Friday)	19-12-2022 (Monday)	21-12-2022 (Wednesday)	23-12-2022 (Friday)	26-12-2022 (Monday)
CIVIL ENGINEERIN G (01 CE)	Structural Analysis (R2031011)	Design And Drawing of Reinforced Concrete Structures (R2031012)	Geotechnical Engineering - I (R2031013)	<u>Professional Elective (PE) :-</u>	<u>Open Elective (OE I) :-</u>	.....	.....
				Construction Technology & Management R203101A / Remote Sensing and GIS R203101B / Environmental Impact Assessment R203101C / Low-Cost Housing R203101D	Strength of Materials R203101E / Fluid Mechanics R203101F / Surveying and Geomatics R203101G / Highway Engineering R203101H / Safety Engineering R203101I / Environmental Management R203101J / Urban Planning R203101K		
ELECTRICAL AND ELECTRONIC S ENGINEERIN G (02 EEE)	Power Systems-II (R2031021)	Power Electronics (R2031022)	Control Systems (R2031023)	<u>Professional Elective (PE) :-</u>	<u>Open Elective (OE I) :-</u>	Data Base Management Systems (R203105M)	Operating Systems (R203105N)
				Linear Ic Applications R203102A / Utilization Of Electrical Energy R203102B / Computer Architecture And Organization R203102C / Optimization Techniques R203102D / Object Oriented Programming Through Java R203102E / Optimization Techniques R203102D / Object Oriented Programming Through Java R203102E	Renewable Energy Sources R203102F / Concepts Of Optimization Techniques R203102G / Concepts of Control Systems R203102H		
MECHANICA L ENGINEERIN G (03 ME)	Thermal Engineering- II (R2031031)	Design of Machine Members-I (R2031032)	Machining, Machine Tools & Metrology (R2031033)	<u>Professional Elective (PE) :-</u>	<u>Open Elective (OE I) :-</u>	Data Base Management Systems (R203105M)	Operating Systems (R203105N)
				Finite Element Methods R203103A / Industrial Robotics R203103B / Advanced Materials R203103C / Renewable Energy Sources R203103D / Mechanics of Composites R203103E / MOOCs (NPTEL/Swayam) R203103F	Sustainable Energy Technologies R203103G / Operations Research R203103H / Nano Technology R203103I / Thermal Management of Electronic systems R203103J		
						Advanced Mechanics of Fluids (R203103K)	Experimental Methods in Fluid Mechanics (R203103X)



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH I SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, DECEMBER - 2022

### TIME TABLE

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DATE & DAY							
	12-12-2022 (Monday)	14-12-2022 (Wednesday)	16-12-2022 (Friday)	19-12-2022 (Monday)	21-12-2022 (Wednesday)	23-12-2022 (Friday)	26-12-2022 (Monday)	
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04 ECE)</b>	Analog ICs and Applications (R2031041)	Electromagnetic Waves and Transmission Lines (R2031042)	Digital Communications (R2031043)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>		Data Base Management Systems (R203105M)	Operating Systems (R203105N)
				Antenna And Wave Propagation R203104A / Electronic Measurements & Instrumentation R203104B / Computer Architecture & Organization R203104C	Basics of Signals and Systems R203104D / Electronic Measurements and Instrumentation R203104E / Principles of Signal Processing R203104F / Industrial Electronics R203104G / Consumer Electronics R203104H / Fundamentals of Microprocessors and Microcontrollers R203104I / Transducers and Sensors R203104J / IOT and Applications R203104K / Soft Computing Techniques R203104L / IC Applications R203104M / Principles of Communications R203104N / Basic Electronics R203104O / Data Communications R203104P / Digital Logic Design R203104Q / Remote Sensing and GIS R203104R / Bio Medical Instrumentation R203104S / Introduction to Microprocessor and Microcontrollers R203114G			
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 CSE)</b>	Computer Networks (R2031051) (Common to CSE,IT)	Design and Analysis of Algorithms (R2031052) (Common to CSE,IT)	Data Warehousing and Data Mining (R2031053)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE I) :-</b>		Electronics Devices And Basic Circuits (R203104T) Statistical Foundation For Data Science (R203105P) Text Mining And Time Series Analysis (R203105O)	Digital Electronics (R203104U) Data Visualization (R203105Q) Mathematics For Machine Learning (R203105R)
				Artificial Intelligence R203105A / Software Project Management R203105B / Distributed Systems R203105C / Advanced Unix Programming R193205D	Optimization in Operations Research R203105E / Data Structures R203105F / Object Oriented Progra. through JAVA R203105G / Data Base Management Systems R203105H / Computer Graphics R203105I / Advanced UNIX Programming R203105J / Computer Organization and Arch. R203105K / Operating Systems R203105L			



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B.TECH I SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, DECEMBER - 2022**

**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DATE & DAY						
	12-12-2022 (Monday)	14-12-2022 (Wednesday)	16-12-2022 (Friday)	19-12-2022 (Monday)	21-12-2022 (Wednesday)	23-12-2022 (Friday)	26-12-2022 (Monday)
INFORMATION TECHNOLOGY (12 IT)	Computer Networks (R2031051) (Common to CSE,IT)	Design and Analysis of Algorithms (R2031052) (Common to CSE,IT)	Data Mining Techniques (R2031121)	<b>Professional Elective (PE II) :-</b>	<b>Open Elective (OE I) :-</b>	.....	.....
				Artificial Intelligence R203105A / Distributed Systems R203105C / Advanced Unix Programming R203105D / Agile Software Process R203112A	DevOps R203112B / Data Structures R203105F / Object Oriented Progra. through JAVA R203105G / Data Base Management Systems R203105H / Computer Graphics R203105I / Advanced UNIX Programming R203105J / Computer Organization and Arch. R203105K / Operating Systems R203105L		
AUTO MOBILE ENGINEERING (24 AME)	Theory of Machines (R2031241)	Production Technology (R2031242)	Vehicle Dynamics (R2031243)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....	.....
				Alternative Fuels for Engines R203124A / Two and Three Wheelers R203124B / Microprocessor and Micro Controllers R203124C / Heat Transfer R203124D / Industrial Hydraulics and Pneumatics R203124E / MOOC's/NPTEL R203124F	Basic Automobile Engineering R203124G / Automobile Maintenance and Safety R203124H / Automobile Emissions and Effects R203124I		
MINING ENGINEERING (26 MM)	Mine Hazards and Rescue (R2031261)	Underground Coal Mining (R2031262)	Mine Hoisting and Transportation (R2031263)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....	.....
				Remote Sensing and GIS R203101B / Resource Evaluation and Geo-Statistics - R203126A / Mine Planning and Design R203126B / Mine Safety & Ergonomics R203126C	Introduction to Underground Mining R203126D / Introduction to Surface Mining R203126E / Tunneling and Underground Space Design R203126F / Engineering Survey R203126G		
AGRICULTURAL ENGINEERING (35 AGE)	Farm Machinery and Equipment - I (R2031351)	Surface Water Hydrology (R2031352)	Post Harvest Engineering of Cereals, Pulses and Oilseeds (R2031353)	<b>Professional Elective - I</b>	<b>Open Elective - I</b>	.....	.....
				Seed Processing and Storage Engineering R203135A / Greenhouse Technology R203135B / Tractor Design and Testing R203135C	Principles of Soil Science and Agronomy R203135D / Farm Power and Tractor Systems R203135E / Soil and Water Conservation Engineering R203135F / Ground Water Hydrology, Wells and Pumps R203135G / Surface Water Hydrology R203135H / Post Harvest Engineering of Cereals Pulses and Oilseeds R203135I / Agricultural Process Engineering R203135J		



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH I SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, DECEMBER - 2022

### TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY						
	12-12-2022 (Monday)	14-12-2022 (Wednesday)	16-12-2022 (Friday)	19-12-2022 (Monday)	21-12-2022 (Wednesday)	23-12-2022 (Friday)	26-12-2022 (Monday)
CSE (Artificial Intelligence and Machine Learning) (42)	Compiler Design (R2031421) (Common to CSE(AIML), CSE(AI),CSE(DS),C SE(AIDS),AIDS,AIM L,CSD)	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE( AIDS),AIDS,AIML,CS D)	Machine Learning (R2031423) (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	<u>Professional Elective (PE) :-</u>	<u>Open Elective (OE I) :-</u>	.....	.....
				Software Engineering R203142A / Computer Vision R203142B / Data Visualization R203142C / DevOps R203142D / MOOC's-NPTEL R203142E	Optimization in Operations Research R203105E		
CSE (Artificial Intelligence) (43)	Compiler Design (R2031421) (Common to CSE(AIML), CSE(AI),CSE(DS),C SE(AIDS),AIDS,AIM L,CSD)	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE( AIDS),AIDS,AIML,CS D)	Machine Learning (R2031423) (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	<u>Professional Elective (PE) :-</u>	<u>Open Elective (OE I) :-</u>	.....	.....
				Software Engineering R203142A / Computer Vision R203142B / Data Visualization R203142C / DevOps R203142D	Optimization in Operations Research R203105E		
CSE (Data Science) (44)	Compiler Design (R2031421) (Common to CSE(AIML), CSE(AI),CSE(DS),C SE(AIDS),AIDS,AIM L,CSD)	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE( AIDS),AIDS,AIML,CS D)	Machine Learning (R2031423) (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AIDS), AIDS,AIML)	<u>Professional Elective (PE) :-</u>	<u>Open Elective (OE I) :-</u>	.....	.....
				Software Engineering R203142A / DevOps R203142D / Object Oriented Analysis and Design R203144A / Internet of Things R203144B	Optimization in Operations Research R203105E		
CSE (Artificial Intelligence and Data Science) (45)	Compiler Design (R2031421) (Common to CSE(AIML), CSE(AI),CSE(DS),C SE(AIDS),AIDS,AIM L,CSD)	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE( AIDS),AIDS,AIML,CS D)	Machine Learning (R2031423) (Common to CSE(AIML),CSE(AI), CSE(DS),CSE(AI DS),AIDS,AIML)	<u>Professional Elective (PE) :-</u>	<u>Open Elective (OE I) :-</u>	.....	.....
				Software Engineering R203142A / Object Oriented Analysis and Design R203144A / Internet of Things R203144B / DevOps R203142D	Optimization in Operations Research R203105E		
CSE (Cyber Security) (46)	Computer Networks (R2031461) (Common to CSE(CS),IOTCSIB CT,CSE(IOT),CS, CSBS)	Software Engineering (R2031462) (Common to CSE(CS),CS)	Design and Analysis of Algorithms (R2031463) (Common to CSE(CS),IOTCSOB CT,CSE(IOT),CS)	<u>Professional Elective (PE) :-</u>	<u>Open Elective (OE I) :-</u>	.....	.....
				Computer Graphics R203146A / Artificial Intelligence R203146B / Compiler Design R203146C / Advanced Data Structures R203146D / Principles of Programming Languages R203146E	Web Technologies R203146F / Data Structures R203146G / Computer Networks R203146H / Data Base Management Systems R203146I/ Problem Solving using Python R203146J		





# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH I SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, DECEMBER - 2022

### TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY						
	12-12-2022 (Monday)	14-12-2022 (Wednesday)	16-12-2022 (Friday)	19-12-2022 (Monday)	21-12-2022 (Wednesday)	23-12-2022 (Friday)	26-12-2022 (Monday)
CSE (Internet of things and Cyber security including Block chain Technology) (47)	Computer Networks (R2031461) <small>(Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)</small>	IoT Architecture and its Protocols (R2031471) <small>(Common to IOTCSIBCT,CSE(IOT))</small>	Design and Analysis of Algorithms (R2031463) <small>(Common to CSE(CS),IOTCSOBC T,CSE(IOT),CS)</small>	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....	.....
				Data Warehousing & Data Mining R203147A / Compiler Design R203146C / Software Engineering R203142A / Micro Processors & Micro Controllers R203147B / Computer Graphics R203146A	Web Technologies R203147C / Data Structures R203147D / Computer Networks R203147E / Data Base Management Systems R203147F / Problem Solving using Python R203147G / Open Electives offered by other Departments R203148D		
CSE (Internet of Things) (49)	Computer Networks (R2031461) <small>(Common to CSE(CS),IOTCSIBCT,CSE(IOT),CS,CSBS)</small>	IoT Architecture and its Protocols (R2031471) <small>(Common to IOTCSIBCT,CSE(IOT))</small>	Design and Analysis of Algorithms (R2031463) <small>(Common to CSE(CS),IOTCSOBC T,CSE(IOT),CS)</small>	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....	.....
				Compiler Design R203146C / Software Engineering R203142A / Computer Graphics R203146A / Principles of Programming Languages R203146E / Advanced Computer Architecture R203149A	Natural Language Processing R203149B / Data Structures R203149C / Computer Networks R203149D / Data Base Management System R203149E / Problem Solving using Python R203149F		
FOOD ENGINEERING (51)	Heat Transfer in Food Processing (R2031511)	Processing of Fruits Vegetables Spices and Plantation Crops (R2031512)	Food Plant Design and Process Economics (R2031513)	Transport Phenomena in Food Engineering R203151A / Statistical Methods in Food Engineering R203151B / Process Modeling and Simulation R203151C	Food Material Science and Engineering R203151D / Biochemical Engineering R203151E / Food Thermodynamics R203151F	.....	.....
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)	Compiler Design (R2031421) <small>(Common to CSE(AIML), CSE(AI),CSE(DS), CSE(AIDS),AIDS, AIML,CSD)</small>	Operating Systems (R2031422) <small>(Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)</small>	Machine Learning (R2031423) <small>(Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)</small>	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	.....	.....
				Software Engineering R203142A / DevOps R203142D / Object Oriented Analysis and Design R203144A / Internet of Things R203144B	Optimization in Operations Research R203105E		
PHARMACEUTICAL ENGINEERING (55)	Managerial Economics and Financial Accountancy (R2031551)	Pharmaceutical Engineering-I (R2031552)	Biopharmaceutics and Pharmacokinetics (R2031553)	<b>Professional Elective (PE) :-</b>	<b>Open Elective (OE I) :-</b>	Biostatistics R2031554	.....
				Quality Control and Assurance R203155A / Food Processing Technology R203155B / Pharmaceutical Biotechnology R203155C	Non-Conventional Energy Sources R203155D / Introduction to Data Structures R203155E / Design and Analysis of Experiments R203155F		



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

## III B.TECH I SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, DECEMBER - 2022

### TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DATE & DAY						
	12-12-2022 (Monday)	14-12-2022 (Wednesday)	16-12-2022 (Friday)	19-12-2022 (Monday)	21-12-2022 (Wednesday)	23-12-2022 (Friday)	26-12-2022 (Monday)
CYBER SECURITY (59)	Computer Networks (R2031461) (Common to CSE(CS),IOTCSIB CT,CSE(IOT),CS,C SBS)	Software Engineering (R2031462) (Common to CSE(CS),CS)	Design and Analysis of Algorithms (R2031463) (Common to CSE(CS),IOTCSOB CT,CSE(IOT),CS)	Professional Elective (PE) :-	Open Elective (OE I) :-	.....	.....
				Computer Graphics R203146A / Artificial Intelligence R203146B / Compiler Design R203146C / Advanced Data Structures R203146D / Principles of Programming Languages R203146E	Web Technologies R203146F / Data Structures R203146G / Computer Networks R203146H / Data Base Management Systems R203146I / Problem Solving using Python R203146J		
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)	Compiler Design (R2031421) (Common to CSE(AIML), CSE(AI),CSE(DS), CSE(AIDS),AIDS, AIML,CSD)	Operating Systems (R2031422) (Common to CSE(AIML), CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML, CSD)	Machine Learning (R2031423) (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Professional Elective (PE) :-	Open Elective (OE I) :-	.....	.....
				Software Engineering R203142A / Computer Vision R203142B / Data Visualization R203142C / DevOps R203142D / MOOC's/NPTEL R203142E	Optimization in Operations Research R203105E		

**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.

Controller of Examinations

DATE: 23-11-2022



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**  
**IV B.TECH - I SEMESTER (R19) REGULAR EXAMINATIONS, NOVEMBER - 2022**

**TIME TABLE**

**TIME : 10.00 AM TO 01.00 PM**

<b>Branch</b>	<b>14-11-2022 (Monday)</b>	<b>16-11-2022 (Wednesday)</b>	<b>18-11-2022 (Friday)</b>	<b>21-11-2022 (Monday)</b>	<b>23-11-2022 (Wednesday)</b>	<b>25-11-2022 (Friday)</b>
<b>Civil Engineering (01)</b>	Design & Drawing of Steel Structures <b>(R194101I)</b>	Geotechnical Engineering - II <b>(R194101J)</b>	Remote Sensing & GIS <b>(R194101K)</b>	<b>Elective-III :</b> Bridge Engineering <b>(R194101A)/</b> Industrial Waste Water Treatment <b>(R194101B)/</b> Earth Rock-fill Dams <b>(R194101C)/</b> Intelligent Transportation Systems <b>(R194101D)/</b> Building Services <b>(R194101E)</b>	.....	<b>Open Elective-III :</b> Disaster Management <b>(R194101F)/</b> Environmental Pollution & Control <b>(R194101G)/</b> Elements of Civil Engineering <b>(R194101H)/</b> Green Technology <b>(R194101I)/</b> Smart Cities <b>(R194101J)/</b> Project Management <b>(R194101K)/</b> Traffic Safety <b>(R194101L)/</b> Geo-Spatial Technologies <b>(R194101M)/</b> Waste Water Treatment <b>(R194101N)</b>
<b>Electrical &amp; Electronics Engineering (02)</b>	Switchgear & Protection <b>(R194102I)</b>	OOPs through JAVA <b>(R194102J)</b>	Renewable Energy Systems <b>(R194102K)</b>	<b>Elective-II :</b> Utilization of Electrical Energy <b>(R194102A)/</b> Data Base Management System <b>(R194102B)/</b> Advanced Control Systems <b>(R194102C)/</b> Electrical Machine Design <b>(R194102D)/</b> Hybrid Electric Vehicles <b>(R194102E)</b>	<b>Elective-III :</b> Operating Systems <b>(R194102G)/</b> Neural Networks & Fuzzy Logic <b>(R194102H)/</b> High Voltage Engineering <b>(R194102I)/</b> Energy Auditing and Demand Side Management <b>(R194102J)/</b> Data Analytics with Python <b>(R194102K)</b>	<b>Open Elective - II :-</b> Measurements & Instrumentation (Except for EEE) <b>(R194102M)/</b> Fundamentals of Utilization of Electrical Energy (Except for EEE) <b>(R194102N)/</b> Concepts of Power System Engineering (Except for EEE) <b>(R194102O)/</b> Basics of Control Systems (Except for EEE) <b>(R194102P)/</b> Energy Audit (Except for EEE) <b>(R194102Q)/</b> Fundamental of Electrical Machines (Except for EEE) <b>(R194102R)</b>
<b>Mechanical Engineering (03)</b>	Industrial Management <b>(R194103I)</b>	<b>Elective - III :-</b> Mechanical Vibrations <b>(R194103A)/</b> Renewable Energy Sources <b>(R194103B)/</b> Production Planning & Control <b>(R194103C)/</b> Machine Tool Design <b>(R194103D)</b>	.....	Finite Element Methods (Common to ME & AME) <b>(R194103Z)</b>	<b>Elective-IV :</b> Industrial Automation and Robotics <b>(R194103F)/</b> Micro and Nano Manufacturing <b>(R194103G)/</b> Power Plant Engineering <b>(R194103H)/</b> Optimization Techniques <b>(R194103I)</b>	<b>Open Elective-II :</b> MEMS <b>(R194103K)/</b> Optimization Methods <b>(R194103L)/</b> Operations Management <b>(R194103M)/</b> Nano Technology <b>(R194103N)/</b> Finite Element Analysis <b>(R194103O)</b>



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**  
**IV B.TECH - I SEMESTER (R19) REGULAR EXAMINATIONS, NOVEMBER - 2022**

**TIME TABLE**

**TIME : 10.00 AM TO 01.00 PM**

Branch	14-11-2022 (Monday)	16-11-2022 (Wednesday)	18-11-2022 (Friday)	21-11-2022 (Monday)	23-11-2022 (Wednesday)	25-11-2022 (Friday)
<b>Electronics &amp; Communication Engineering (04)</b>	Microwave and Optical Communication Engineering (R194104I)	Data Communications & Computer Networks (R1941042)	Digital Image and Video Processing (R1941043)	<b>Elective-III :</b> Communication Standards and Protocols (R194104A)/ Analog IC Design (R194104B) / SmartSensors (R194104C)/ Advanced Digital Signal Processing (R194104D)/ Augmented Reality (R194104E)	<b>Elective-IV:</b> Software Radio (R194104F)/ Low Power VLSI Design (R194104G)/ EmbeddedSystems (R194104H)/ DSP Processors and Architectures (R194104I)/ Multi Media Communication (R194104J)	<b>Open Elective :</b> Embedded Systems (Except for ECE) (R194104K)
<b>Computer Science &amp; Engineering (05)</b>	Cryptography and Network Security (Common to CSE & IT) (R194105I)	Machine Learning (Common to CSE & IT) (R1941053)	UML & Design Patterns (R1941052)	<b>Elective-III :</b> Mobile Computing (R194105A)/ Data Science (R194105B)/ NoSQL Databases (R194105C)/ Internet of Things (R194105D)/ Software Project Management (R194105E)	<b>Elective-IV:</b> Web Services (R194105F)/ Cloud Computing (Common to CSE & IT) (R194105G) / Mean Stack Technologies (R194105H)/ Ad-hoc and Sensor Networks (Common to CSE & IT) (R194105I)/ Cyber Security & Forensics (R194105J)	<b>Open Elective :</b> Problem Solving using Python (Common to CSE & IT) (Except CSE & IT) (R194105K)/ Web Technologies (Common to CSE & IT) (Except CSE & IT) (R194105L)/ Machine Learning (Common to CSE & IT) (Except CSE & IT)/ (R194105M)/ Distributed Computing (Common to CSE & IT) (Except CSE & IT) (R194105N)/ AI Tools & Techniques (Common to CSE & IT) (Except CSE & IT) (R194105O)/ Data Science (Except CSE & IT) (R194105P)
<b>Information Technology (12)</b>	Cryptography and Network Security (Common to CSE & IT) (R194105I)	Machine Learning (Common to CSE & IT) (R1941053)	Advanced Computer Networks (R1941121)	<b>Elective IV:</b> Distributed Systems (R194112D)/ DevOps (R194112E) / Internet of Things (R194112F)/ Data Science (R194112G)/ Biometrics (R194112H)	<b>Elective III:</b> Big Data Analytics (R194112A)/ Social Networking (R194112B)/ Ad-hoc and Sensor Networks (Common to CSE & IT) (R194105I)/ Cloud Computing (Common to CSE & IT) (R194105G)/ Design Patterns (R194112C)	<b>Open Elective :</b> Problem Solving using Python (Common to CSE & IT) (Except CSE & IT) (R194105K)/ Web Technologies (Common to CSE & IT) (Except CSE & IT) (R194105L)/ Machine Learning (Common to CSE & IT) (Except CSE & IT)/ (R194105M)/ Distributed Computing (Common to CSE & IT) (R194105N) / AI Tools & Techniques (Common to CSE & IT) (Except CSE & IT) (R194105O) / Data Science (Except CSE & IT) (R194112I)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA  
**IV B.TECH - I SEMESTER (R19) REGULAR EXAMINATIONS, NOVEMBER - 2022**

**TIME TABLE**

**TIME : 10.00 AM TO 01.00 PM**

Branch	14-11-2022 (Monday)	16-11-2022 (Wednesday)	18-11-2022 (Friday)	21-11-2022 (Monday)	23-11-2022 (Wednesday)	25-11-2022 (Friday)
<b>Automobile Engineering (24)</b>	Industrial Engineering & Management (R1941241)	Vehicle Dynamics (R1941242)	Vehicle Body Engineering (R1941243)	<b>Elective I :</b> CAD/CAM (R194124A)/ Two and Three Wheelers (R194124B)/ Automotive Aerodynamics (R194124C)/ Vehicle Infotronics (R194124D)/ Finite Element Methods (Common to ME & AME) (R1941032)	<b>Elective II :</b> Mechatronics (R194124E)/ Computational Fluid Dynamics (R194124F)/ Condition Monitoring (R194124G)/ Managerial Economics and financial analysis (R194124H)/ Internet of Things (R194124I)	Alternative Energy sources for Automobiles (R1941244)
<b>Mining Engineering (26)</b>	Computer Applications in Mining (R1941261)	Mine Planning and Design (R1941262)	Mine Legislation & General Safety (R1941263)	<b>Elective I :</b> Rocks Slope Engineering (R194126A)/ Mine Subsidence Engineering (R194126B)/ Mine Systems Engineering (R194126C)	.....	.....
<b>Petroleum Engineering (27)</b>	Design of Surface Facilities (R1941271)	Enhanced Oil Recovery Techniques (R1941272)	<b>Elective III :</b> HSE in Petroleum Industry (R194127A)/ Petroleum Engineering Mathematics (R194127B)/ Subsea Engineering (R194127C)	<b>Elective IV:</b> Mathematics of Reservoir Simulation (R194127D)/ Advances in Well Control (R194127E)/ Pipeline Engineering (R194127F)	<b>Elective V :</b> Statistics for Petroleum Engineers and Geoscientists (R194127G)/ Advances in Seismic methods for Hydrocarbon Exploration (R194127H)	.....
<b>Agricultural Engineering (35)</b>	Micro Irrigation Engineering (R1941351)	Post Harvest Engineering for Horticulture Produce (R1941352)	<b>Elective II :</b> Food Packaging Technology (R194135A)/ Watershed Management (R194135B)/ Human Engineering and Safety (R194135C)	<b>Elective III:</b> GIS and Remote Sensing (R194135D)/ Production Technology of Agricultural Machinery (R194135E)/ Food Plant Design and Management (R194135F)	.....	<b>Open Elective :</b> Mechanical Measurements and Instrumentation (R194135G)/ Artificial Intelligence in Agricultural Engineering (R194135H)/ Photovoltaic Technology and Systems (R194135I)

**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: 29-10-2022

*Robert A. Kelly*  
Controller of Examinations



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATIONCENTER, KAKINADA

**I B.TECH II SEMESTER (R20 REGULATION)SUPPLEMENTARY EXAMINATIONS, JANUARY/FEBRUARY- 2023****TIME TABLE**

TIME: 10.00 AM TO 01.00 PM

Branch	19-01-2023 (Thursday)	21-01-2023 (Saturday)	24-01-2023 (Tuesday)	27-01-2023 (Friday)	30-01-2023 (Monday)	01-02-2023 (Wednesday)
Subjects	Mathematics – II <b>R201201</b>	Building Materials and Concrete Technology <b>R201205</b> (Only for CE)  Applied Physics <b>R201207</b> (Comm to EEE, ECE, EIE, ECT, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, AI&DC)  Basic Electrical and Electronics Engineering <b>R201211</b> (Comm to ME, AME, Mining, PE, FE, Pharm. E)	Programming for Problem Solving Using C <b>R201204</b> (Comm to CE, Agri E)  Data Structures Through C <b>R201208</b> (Only for EEE)  Basic Electrical Engineering <b>R201214</b> (Comm to ECE, EIE, ECT)  Computer Organization <b>R201216</b> (Comm to CSE, IT)  Digital Logic Design <b>R201221</b> (Comm to CSE-CS&T, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, CSE-CS, CSE-IOT&CS INCL BCT, CSE-CS&BS, CSE-IOT, AI&DS, Cyber Security)  Engineering Physics <b>R201222</b> (Comm. to AME, Mining, PE, FE)	Data Structures <b>R201218</b> (Comm to CSE, IT, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, AI&DS)  Problem Solving Using Python <b>R201219</b> (Comm to CSE-CS&T, CSE-CS, CSE-IOT&CS Incl BCT, CSE-CS&BS, CSE-IOT, Cyber Security)  Pharmaceutical Chemistry <b>R201258</b> (Only for Pharm. E)  Electrical Circuit Analysis – <b>IR201209</b> (Only for EEE)  Engineering Mechanics <b>R201210</b> (Comm to ME, PE, Agri E, FE)  Mechanics of Solids <b>R201255</b> (Only for Mining)  Metallurgy & Materials Science <b>R201256</b> (Only for AME)	Engineering Mechanics <b>R201203</b> (Only for CE)  Thermodynamics <b>R201254</b> (Only for ME)  Basic Civil and Mechanical Engineering <b>R201227</b> (Only for EEE)  Engineering Drawing <b>R201224</b> (Comm to Mining, Agri. E, Phar. E)  Object Oriented Programming Through Java <b>R201212</b> (Comm to ECE, EIE, ECT)  Basic Electrical & Electronics Engineering <b>R201220</b> (Comm to CSE-CS&T, CSE-CS, CSE-IOT&CS Incl BCT, CSE-CS&BS, CSE-IOT, Cyber Security)  Engineering Graphics <b>R201257</b> (Only for AME)  Python Programming <b>R201225</b> (Comm to CSE, IT, CSE-AI&ML, CSE-AI, CSE-DS, CSE-AI&DS, AI&DS)  Elements of Mechanical Engineering <b>R201223</b> (Only for PE)	Mathematics-III <b>R201206</b> (Only for EEE)  Engineering Chemistry <b>R201202</b> (Comm. to CE, ME, Agri. E)  Applied Chemistry <b>R201215</b> (Comm to CSE, CSE-CS&T, IT, CSE-CS, CSE-IOT&CS Incl BCT, CSE-CS&BS, CSE-IOT, Cyber Security)  Network Analysis <b>R201213</b> (Comm to ECE, EIE, ECT)  Engineering and Solid Mechanics <b>R201259</b> (Only for Pharm. E)

**NOTE:**

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- THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE TIME TABLE IMMEDIATELY.

*H. R. Jais*

Controller of Examinations

DATE: 26-12-2022



II B.TECH II SEMESTER (R20)

## JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

### II B.TECH II SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, JULY - 2023

#### TIME TABLE

TIME: 10.00 AM TO 01.00 PM

BRANCH	DAY AND DATE					
	04-07-2023 (Tuesday)	06-07-2023 (Thursday)	10-07-2023 (Monday)	12-07-2023 (Wednesday)	14-07-2023 (Friday)	17-07-2023 (Monday)
<b>CIVIL ENGINEERING (01-CE)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Strength of Materials -II <b>R2022012</b>	Hydraulics and Hydraulic Machinery <b>R2022013</b>	Environmental Engineering <b>R2022014</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)	Pre Stressed Concrete <b>R202201A</b>
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Python Programming <b>R2022021</b> (Common to EEE, FE)	Digital Electronics <b>R2022022</b>	Power System-I <b>R2022023</b>	Induction and Synchronous Machines <b>R2022024</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)	Electrical Distribution Systems <b>R202202A</b>
<b>MECHANICAL ENGINEERING (03-ME)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Material Science & Metallurgy <b>R2022031</b>	Dynamics of Machinery <b>R2022032</b>	Thermal Engineering-I <b>R2022033</b>	Industrial Engineering and Management <b>R2022034</b>	Alternative Fuels Technologies <b>R202203A</b>
<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Digital IC Design <b>R2022042</b>	Analog Communications <b>R2022043</b> (Common to ECE,ECT)	Linear Control Systems <b>R2022044</b> (Common to ECE,EIE)	Management and Organizational Behavior <b>R2022045</b> (Common to ECE, PE)	Electronic Devices and Basic Circuits <b>R202204AT</b>



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

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**II B.TECH II SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, JULY - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE					
	04-07-2023 (Tuesday)	06-07-2023 (Thursday)	10-07-2023 (Monday)	12-07-2023 (Wednesday)	14-07-2023 (Friday)	17-07-2023 (Monday)
<b>COMPUTER SCIENCE &amp; ENGINEERING (05-CSE)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Java Programming <b>R2022054</b> (Common to CSE,IT,CSE(CSBS),CS)	Managerial Economics and Financial Accountancy <b>R2022055</b> (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 <b>R202205AT</b> , Data Visualization <b>R202205B</b> , Principals of Cyber Security <b>R202205C</b> , Mathematics for Machine Learning <b>R202205D</b>
<b>COMPUTER SCIENCE &amp; TECHNOLOGY (06)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)	.....
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Microprocessor and Microcontrollers <b>R2022101</b>	Integrated Circuits and applications <b>R2022102</b>	Linear Control Systems <b>R2022044</b> (Common to ECE,EIE)	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)	.....



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, JULY - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE					
	04-07-2023 (Tuesday)	06-07-2023 (Thursday)	10-07-2023 (Monday)	12-07-2023 (Wednesday)	14-07-2023 (Friday)	17-07-2023 (Monday)
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Statistics with R <b>R2022121</b>	Principles of Software Engineering <b>R2022122</b>	Automata Theory and Compiler Design <b>R2022123</b>	Java Programming <b>R2022054</b> (Common to CSE,IT,CSE(CSBS),CS)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)	.....
<b>ELECTRONICS &amp; COMMUNICATION TECHNOLOGY (14)</b>	Electronic Circuit Analysis <b>R2022041</b> (Comm to ECE,EIE,ECT)	Computer Architecture and Organization <b>R2022141</b>	Analog Communications <b>R2022043</b> (Common to ECE,ECT)	Electromagnetic Waves and Transmission Lines <b>R2022142</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)	.....
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Applied Thermodynamics <b>R2022241</b>	Automobile Engines <b>R2022242</b>	Automobile Electrical and Electronics <b>R2022243</b>	Operations Research <b>R2022244</b>	.....
<b>MINING ENGINEERING (26-MM)</b>	Complex Variables and Statistical Methods <b>R2022011</b> (Comm to CE,ME,AME,MM)	Fluid Mechanics and Hydraulic Power <b>R2022261</b>	Rock Mechanics <b>R2022262</b>	Mine Ventilation <b>R2022263</b>	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)	.....
<b>PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY (27-PE)</b>	Mathematics –IV <b>R2022271</b>	Instrumentation, Process Dynamics & Control <b>R2022272</b>	Thermodynamics for Petroleum Engineers <b>R2022273</b>	Drilling & Well Completions <b>R2022274</b>	Management and Organizational Behavior <b>R2022045</b> (Common to ECE, PE)	.....



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, JULY - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE					
	04-07-2023 (Tuesday)	06-07-2023 (Thursday)	10-07-2023 (Monday)	12-07-2023 (Wednesday)	14-07-2023 (Friday)	17-07-2023 (Monday)
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	Heat and Mass Transfer <b>R2022351</b>	Ground Water Hydrology, Well and Pumps <b>R2022352</b>	Theory of Structures <b>R2022353</b>	Soil Mechanics <b>R2022354</b>	Managerial Economics & Financial Analysis <b>R2022015</b> (Comm to CE,EEE,EIE,ECT,AGE,FE)	.....
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AI ML,CSD)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI ML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AI ML,IOT)	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,IOTA I ML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (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)	.....
<b>CSE (Artificial Intelligence) (43)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT),AIDS,IoT,AI ML,CSD)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI ML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AI ML,IOT)	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS),AIDS,IOTA I ML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (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)	.....



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH II SEMESTER (R20 REGULATION) REGULAR/SUPPLEMENTARY EXAMINATIONS, JULY - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DAY AND DATE					
	04-07-2023 (Tuesday)	06-07-2023 (Thursday)	10-07-2023 (Monday)	12-07-2023 (Wednesday)	14-07-2023 (Friday)	17-07-2023 (Monday)
<b>CSE (Data Science) (44)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE( AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(D S),CSE(AIDS),CSE(CS),CSE(IOTCSIB CT),CSE(IOT),AIDS,AIML,IOT)	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS , AIDS,IOTAIML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (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)	.....
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE( AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(D S),CSE(AIDS),CSE(CS),CSE(IOTCSIB CT),CSE(IOT),AIDS,AIML,IOT)	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AIML),AI,DS,CSE(AIDS , AIDS,IOTAIML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (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)	.....
<b>CSE (Cyber Security) (46)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIB T),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(D S),CSE(AIDS),CSE(CS),CSE(IOTCSIB CT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy <b>R2022055</b> (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)	.....





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



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<b>ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (54)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSB S),CSE(IOT),AIDS,IoT,AIML,CSD)	Computer Organization <b>R2022421</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	Formal Languages and Automata Theory <b>R2022053</b> (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 <b>R2022422</b> (Comm to CSE(AIML),AIDS,CSE(AIDS),AIDS,IOTAIML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)	.....
<b>PHARMACEUTICAL ENGINEERING (55)</b>	Heat Transfer for Pharmaceutical Engineers <b>R2022551</b>	Physical Pharmaceutics <b>R2022552</b>	Principles of Microbiology and Biochemistry <b>R2022553</b>	Reaction Engineering for Pharmaceutical Engineers <b>R2022554</b>	Anatomy and Physiology <b>R2022555</b>	.....
<b>CYBER SECURITY (59)</b>	Probability and Statistics <b>R2022051</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(CSB S),CSE(IOT),AIDS,IoT,AIML,CSD)	Database Management Systems <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)	.....
<b>INTERNET OF THINGS (60)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022052</b> (Common to CSE,CST,CSE(CS),CSE(IOTCSIBCT),CSE(CSBS),CSE(IOT), IOT)	Formal Languages and Automata Theory <b>R2022053</b> (Common to CSE,CST,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,AIML,IOT)	Computer Organization & Architecture <b>R2022061</b> (Common to CST, CSE(CS), CSE(IOTCSIBCT), CSE(IOT),IOT)	Managerial Economics and Financial Accountancy <b>R2022055</b> (Common to CSE,CST,IT,MM,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),CSE(CS),CSE(IOTCSIBCT),CSE(IOT),AIDS,IOT,AIML,CSD)	.....



II B.TECH II SEMESTER (R20)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

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<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (61)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AI ML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI ML)	Formal Languages and Automata Theory <b>R2022053</b> (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 <b>R2022422</b> (Comm to CSE(AI ML),AI,DS,CSE(AIDS),AIDS,IOTAI ML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (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)	.....
<b>COMPUTER SCIENCE AND DESIGN (62)</b>	Probability and Statistics <b>R2022051</b> (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 <b>R2022421</b> (Common to CSE(AI ML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AI ML)	Visual Design and Communication <b>R2022621</b>	Data Warehousing and Mining <b>R2022422</b> (Comm to CSE(AI ML),AI,DS,CSE(AIDS),AIDS,IOTAI ML,CSD)	Managerial Economics and Financial Accountancy <b>R2022055</b> (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: 16-06-2023**

*H. R. K. K.*  
**Controller of Examinations**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
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	03.07.2023 (Monday)	05.07.2023 (Wednesday)	07.07.2023 (Friday)	11.07.2023 (Tuesday)	13.07.2023 (Thursday)	15.07.2023 (Saturday)
<b>CIVIL ENGINEERING (01 CE)</b>	Design And Drawing of Steel Structures (R2032011)	Water Resource Engineering (R2032012)	Geotechnical Engineering-II (R2032013)	<b>Professional Elective (PE- II) :-</b> Advanced Structural Analysis R203201A Architecture and Town Planning R203201B Road Safety Engineering R203201C Traffic Engineering R203201D	<b>Open Elective (OE II) :-</b> 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)	.....
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)</b>	Microprocessors and Microcontrollers (R2032021)	Electrical Measurements and Instrumentation (R2032022)	Power System Analysis (R2032023)	<b>Professional Elective (PE) :-</b> Signal and Systems R203202A Electric Drives R203202B Advanced Control Systems R203202C Switchgear and Protection R203202D Big Data Analytics R203202E	<b>Open Elective (OE II) :-</b> Battery Management Systems and Charging Stations R203202F Fundamentals of utilization of Electrical Energy R203202G Indian Electricity Act R203202H	HVDC Transmission R203202I
<b>MECHANICAL ENGINEERING (03 ME)</b>	Heat Transfer (R2032031)	Design of Machine Members-II (R2031032)	Introduction to Artificial Intelligence and Machine Learning (R2032033)	<b>Professional Elective (PE) :-</b> Automobile Engineering R203203A Smart Manufacturing R203203B Advanced Mechanics of Solids R203203C Statistical Quality Control R203203D Industrial Hydraulics and Pneumatics R203203E	<b>Open Elective (OE II) :-</b> Industrial Robotics R203203G Essentials of Mechanical Engineering R203203H Advanced Materials R203203I Introduction to Automobile Engineering R203203J	Advanced Computational Fluid Dynamics R203203K



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<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04 ECE)</b>	Microprocessor and Microcontrollers (R2032041)	VLSI Design (R2032042)	Digital Signal Processing (R2032043)	<b>Professional Elective (PE) :-</b> Microwave Engineering R203204A Mobile & Cellular Communication R203204B Embedded Systems R203204C CMOS Analog IC Design R203204D	<b>Open Elective (OE II) :-</b> 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
<b>COMPUTER SCIENCE &amp; ENGINEERING (05 CSE)</b>	Machine Learning (R2032051) (Common to CSE,IT)	Compiler Design (R2032052)	Cryptography and Network Security (R2032053) (Common to CSE,IT)	<b>Professional Elective (PE) :-</b> 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)	<b>Open Elective (OE II) :-</b> MEAN Stack Development R203205E <small>(Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,,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)	Computational Thinking R203205N, Operating Systems R203205Q, Database Management Systems R203205R, , Mining Massive Data Sets R203205O, Natural Language Processing R203205P



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<b>INFORMATION TECHNOLOGY (12 IT)</b>	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)	<u>Professional Elective (PE II) :-</u> Mobile Computing R203205A (Common to CSE,IT) MEAN Stack Development R203212A Design Patterns R203212B Scripting Languages R203212C	<u>Open Elective (OE II) :-</u> 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)	.....
<b>AUTO MOBILE ENGINEERING (24 AME)</b>	Automobile Components and Chassis Design (R2032241)	Automobile Transmission Systems (R2032242)	Vehicle Body Engineering (R2032243)	<u>Professional Elective (PE II) :-</u> CFD for Automobile Applications R203224A Condition Monitoring R203224B Noise Vibrations and Harshness R203224C Mechatronics R203224D Measurements and Control Systems R203224E	<u>Open Elective (OE II) :-</u> Alternative Fuels for Automobiles R203224G Vehicle Stability and Control R203224H Electric Vehicles and Hybrid Technology R203224I	.....
<b>MINING ENGINEERING (26 MM)</b>	Surface Mining (R2032261)	Mine Legislation and Safety (R2032262)	Underground Metal Mining (R2032263)	<u>Professional Elective (PE) :-</u> Computer Applications and Tools R203226A Mine Economics R203226B Mine Mechanization R203226C Mine Automation R203226D	<u>Open Elective (OE II) :-</u> Mineral Economics, Business and Trade R203226E Landslides & Slope Stability Engineering R203226F Remote Sensing and GIS R203201K Geostatistics R203226G	.....





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<b>AGRICULTURAL ENGINEERING (35 AGE)</b>	Soil and Water Conservation Engineering (R2032351)	Farm Machinery and Equipment - II (R2032352)	Agricultural Process Engineering (R2032353)	<b>Professional Elective (PE) :-</b> Food Packaging Technology R203235A Watershed Management R203235B Human Engineering and Safety R203235C	<b>Open Elective (OE II) :-</b> 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	.....
<b>CSE (Artificial Intelligence and Machine Learning) (42)</b>	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)	<b>Professional Elective (PE) :-</b> 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)	<b>Open Elective (OE I) :-</b> MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	.....
<b>CSE (Artificial Intelligence) (43)</b>	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)	<b>Professional Elective (PE) :-</b> 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	<b>Open Elective (OE II) :-</b> MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	.....



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
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**III B.TECH II SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, JULY - 2023**

**TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

BRANCH	DATE & DAY					
	03.07.2023 (Monday)	05.07.2023 (Wednesday)	07.07.2023 (Friday)	11.07.2023 (Tuesday)	13.07.2023 (Thursday)	15.07.2023 (Saturday)
<b>CSE (Data Science) (44)</b>	Computer Networks <b>(R2032421)</b> (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Big Data Analytics <b>(R2032121)</b> (Common to IT,CSE(DS),CSE(AIDS),AIDS)	Design and Analysis of Algorithms <b>(R2032423)</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<b>Professional Elective (PE) :-</b> Deep Learning <b>R203244A</b> (Comm to CSE(DS),CSE(AIDS),AIDS,CSD) Software Project Management <b>R203242A</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Distributed Systems <b>R203242B</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Data Wrangling in Data Science <b>R203244B</b> (Comm to CSE(DS),CSE(AIDS),AIDS) ETL Principles <b>R203244C</b>	<b>Open Elective (OE II) :-</b> MEAN Stack Development <b>R203205E</b> (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	.....
<b>CSE (Artificial Intelligence and Data Science) (45)</b>	Computer Networks <b>(R2032421)</b> (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	Big Data Analytics <b>(R2032121)</b> (Common to IT,CSE(DS),CSE(AIDS),AIDS)	Design and Analysis of Algorithms <b>(R2032423)</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML)	<b>Professional Elective (PE) :-</b> Deep Learning <b>R203244A</b> (Comm to CSE(DS),CSE(AIDS),AIDS,CSD) Software Project Management <b>R203242A</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Distributed Systems <b>R203242B</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD) Data Wrangling in Data Science <b>R203244B</b> (Comm to CSE(DS),CSE(AIDS),AIDS) Snow Flake Cloud Analytics <b>R203245A</b> (Common to CSE(AIDS),AIDS)	<b>Open Elective (OE II) :-</b> MEAN Stack Development <b>R203205E</b> (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS,AIML,CSD)	.....
<b>CSE (Cyber Security) (46)</b>	Machine Learning <b>(R2032462)</b> (Common to CSE(CS),CSE(IOT),CS)	Cryptography and Network Security <b>(R2032461)</b> (Comm to CSE(CS),IOTCSIBCT,CS)	Introduction to Cyber Security <b>(R2032463)</b> (Common to CSE(CS),IOTCSIBCT,CS)		<b>Open Elective (OE II) :-</b> Web Services <b>R203246B</b> (Comm to CSE(CS),IOTCSIBCT,CS)	.....



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**III B.TECH II SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, JULY - 2023**

**TIME TABLE**

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	03.07.2023 (Monday)	05.07.2023 (Wednesday)	07.07.2023 (Friday)	11.07.2023 (Tuesday)	13.07.2023 (Thursday)	15.07.2023 (Saturday)
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)		<b>Open Elective (OE II) :-</b> 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)		<b>Open Elective (OE II) :-</b> 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)	<b>Professional Elective (PE) :-</b> 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),AID S,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)	<b>Open Elective (OE II) :-</b> MEAN Stack Development R203205E (Common to CSE,CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AIDS ,,AIML,CSD)	.....



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
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**III B.TECH II SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, JULY - 2023**

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



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
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**III B.TECH II SEMESTER (R20 REGULATION) REGULAR EXAMINATIONS, JULY - 2023**

**TIME TABLE**

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<b>COMPUTER SCIENCE AND DESIGN (62)</b>	<b>Computer Networks (R2032421)</b> (Comm to CSE(AIML),CSE(AI), CSE(DS), CSE(AIDS), AIDS,AIML, CSD)	<b>Computer Aided Design (R2032621)</b>	<b>Design and Analysis of Algorithms (R2031423)</b> (Common to CSE(AIML),CSE(AI),CSE (DS),CSE(AIDS),AIDS,AI ML)	<b>Professional Elective (PE) :- Deep Learning R203244A</b> (Common to CSE(DS),CSE(AIDS),AIDS,CSD) <b>Software Project Management R203242A</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AID S,AIML,CSD) <b>Distributed Systems R203242B</b> (Common to CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),AID S,AIML,CSD) <b>Network Programming R203205D</b> (Comm to CSE,CSE(AIML),CSE(AI),AIML,CSD)	<b>Open Elective (OE II) :- MEAN Stack Development R203205E</b> (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: 15-06-2023**

**Controller of Examinations**



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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## IV B.TECH - II SEMESTER (R19) REGULAR EXAMINATIONS, APRIL - 2023

### TIME TABLE

**TIME : 10.00 AM TO 01.00 PM**

Branch	17-04-2023 (Monday)	19-04-2023 (Wednesday)	21-04-2023 (Friday)	24-04-2023 (Monday)	26-04-2023 (Wednesday)	28-04-2023 (Friday)
<b>Civil Engineering (01)</b>	Estimation Specifications and Contract (R1942011)	<b>Program Elective – IV</b> Finite Element Methods (R194201A), Design & Drawing of Irrigation Structures (R194201B), Soil Dynamics and Machine Foundations (R194201C), Road Safety Engineering (R194201D), Disaster Management & Mitigation (R194201E), SWAYAM / NPTEL /MOOCS COURSES(12 weeks duration ) (R194201F)	.....	<b>Program Elective –V</b> Advanced Structural Analysis (R194201G), Urban Hydrology (R194201H), Ground Improvement Techniques (R194201I), Pavement Management Systems (R194201J), Low-cost Housing, (R194201K), SWAYAM/NPTEL /MOOCS COURSES(12 weeks duration) (R194201L)	.....	.....
<b>Electrical &amp; Electronics Engineering (02)</b>	Power System Operation & Control (R1942021)	<b>Elective – IV</b> Electrical Distribution Systems (R194202A), HVAC & DC Transmission (R194202B), Flexible Alternating Current Transmission Systems (R194202C), Power Quality (R194202D), Smart Grid (R194202E), Special Electrical Machines (R194202F)	Open Elective (offered by Civil) Disaster Management (R194201M), Environmental Pollution & Control (R194201N), Elements of Civil Engineering (R194201O), Green Technology (R194201P), Smart Cities (R194201Q), Project Management (R194201R), Traffic Safety (R194201S), Geo-Spatial Technologies (R194201T), Waste Water Treatment (R194201U) <b>Open Elective – II (offered by ME)</b> Green Energy Systems (R194203K), Robotics (R194203L), Energy Management (R194203M), 3D Printing Technologies (R194203N), Mechatronics (R194203O) <b>Open Elective – II (offered by ECE)</b> Embedded Systems (Except for ECE) (R194204H) <b>Open Elective – II (offered by CSE)</b> Problem Solving using Python (R194205I), Web Technologies (R194205J), Machine Learning (R194205K), Distributed Computing (R194205L), AI Tools & Techniques (R194205M), Data Science (R194205N)	.....	.....	.....





# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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## IV B.TECH - II SEMESTER (R19) REGULAR EXAMINATIONS, APRIL - 2023

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<b>Mechanical Engineering (03)</b>	<b>Elective – V</b> Additive Manufacturing (R194203A), Gas Dynamics and Jet Propulsion (R194203B), Reliability Engineering (R194203D), MOOCs (NPTEL/Swayam) 12 WEEKS (R194203E)	<b>Elective – VI</b> Condition Monitoring (R194203F), Computational Fluid Dynamics (R194203G), Non Destructive Evaluation (R194203H), Control Systems (R194203I), Entrepreneurship Development (R194203J)	<b>Open Elective (offered by Civil)</b> Disaster Management (R194201M), Environmental Pollution & Control (R194201N), Elements of Civil Engineering (R194201O), Green Technology (R194201P), Smart Cities (R194201Q), Project Management (R194201R), Traffic Safety (R194201S), Geo-Spatial Technologies (R194201T), Waste Water Treatment (R194201U) <b>Open Elective II (offered by EEE)</b> Measurements & Instrumentation (Except for EEE) (R194202G), Fundamentals of Utilization of Electrical Energy (Except for EEE) (R194202H), Concepts of Power System Engineering (Except for EEE) (R194202I), Basics of Control Systems (Except for EEE) (R194202J), Energy Audit (Except for EEE) (R194202K) <b>Open Elective – II (offered by ME)</b> Green Energy Systems (R194203K), Robotics (R194203L), Energy Management (R194203M), 3D Printing Technologies (R194203N), Mechatronics (R194203O) <b>Open Elective – II (offered by ECE)</b> Embedded Systems (Except for ECE) (R194204H) <b>Open Elective – II (offered by CSE)</b> Problem Solving using Python (R194205I), Web Technologies (R194205J), Machine Learning (R194205K), Distributed Computing (R194205L), AI Tools & Techniques (R194205M), Data Science (R194205N)	<b>Open Elective – III (offered by ME)</b> Total Quality Management (R194203P), Supply Chain Management (R194203Q), Entrepreneurship (R194203R), Advanced Materials (R194203S) <b>Open Elective – III (offered by CSE &amp; IT)</b> Image Processing (Except for CSE & IT) (R194205F) Mobile Application Development (Except for CSE&IT) (R194205G) Cyber Security (Except for CSE & IT) (R194205H) <b>Open Elective – III (offered by PE)</b> Shale Gas Technology (Except for PE) (R194227G), Basic concepts of Enhanced Oil Recovery Techniques (Except for PE) (R194227H) <b>Open Elective – III (offered by AGE)</b> Design of Agricultural Machinery (R194235D), Food Quality and Control (R194235E), Industrial Pollution Control Engineering (R194235F)	Deep Learning (R194205A)  Block chain Technologies (R194205D)  Big Data Analytics) (R194205E)	Product Design & Development (R194203C)



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## IV B.TECH - II SEMESTER (R19) REGULAR EXAMINATIONS, APRIL - 2023

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<b>Electronics &amp; Communication Engineering (04)</b>	<b>Elective – V</b> Wireless Communication <b>(R194204A),</b> VLSI Testing & Testability <b>(R194204B),</b> Machine Learning & Artificial Intelligence <b>(R194204C),</b> Speech Processing <b>(R194204D),</b> Industrial Internet of things <b>(R194204E)</b>	.....	<b>Open Elective (offered by Civil)</b> Disaster Management <b>(R194201M),</b> Environmental Pollution & Control <b>(R194201N),</b> Elements of Civil Engineering <b>(R194201O),</b> Green Technology <b>(R194201P),</b> Smart Cities <b>(R194201Q),</b> Project Management <b>(R194201R),</b> Traffic Safety <b>(R194201S),</b> Geo-Spatial Technologies <b>(R194201T),</b> Waste Water Treatment <b>(R194201U)</b> <b>Open Elective II (offered by EEE)</b> Measurements & Instrumentation (Except for EEE) <b>(R194202G),</b> Fundamentals of Utilization of Electrical Energy (Except for EEE) <b>(R194202H),</b> Concepts of Power System Engineering (Except for EEE) <b>(R194202I),</b> Basics of Control Systems (Except for EEE) <b>(R194202J),</b> Energy Audit (Except for EEE) <b>(R194202K)</b> <b>Open Elective – II (offered by ME)</b> Green Energy Systems <b>(R194203K),</b> Robotics <b>(R194203L),</b> Energy Management <b>(R194203M),</b> 3D Printing Technologies <b>(R194203N)</b> Mechatronics <b>(R194203O)</b> <b>Open Elective – II (offered by ECE)</b> 3D Printing (Open Electives for ECE) <b>(R194204F),</b> Cyber Security & Cryptography (Open Electives for ECE) <b>(R194204G)</b> <b>Open Elective – II (offered by CSE)</b> Problem Solving using Python <b>(R194205I),</b> Web Technologies <b>(R194205J),</b> Machine Learning <b>(R194205K),</b> Distributed Computing <b>(R194205L),</b> AI Tools & Techniques <b>(R194205M),</b> Data Science <b>(R194205N)</b>	.....	Block chain Technologies <b>(R194205D)</b>	.....



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

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## IV B.TECH - II SEMESTER (R19) REGULAR EXAMINATIONS, APRIL - 2023

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<b>Computer Science &amp; Engineering (05)</b>	Management and Organizational Behavior (Common to CSE & IT) (R1942051)	<b>Elective – V</b> Quantum Computing (Common to CSE & IT) (R194205B), DevOps (R194205C),	<b>Open Elective (offered by Civil)</b> Disaster Management (R194201M), Environmental Pollution & Control (R194201N), Elements of Civil Engineering (R194201O), Green Technology (R194201P), Smart Cities (R194201Q), Project Management (R194201R), Traffic Safety (R194201S), Geo-Spatial Technologies (R194201T), Waste Water Treatment (R194201U)	<b>Open Elective – III (offered by ME)</b> Total Quality Management (R194203P), Supply Chain Management (R194203Q), Entrepreneurship (R194203R), Advanced Materials (R194203S) <b>Open Elective – III (offered by PE)</b> Shale Gas Technology (Except for PE Branch) (R194227G), Basic concepts of Enhanced Oil Recovery Techniques (Except for PE) (R194227H) <b>Open Elective – III (offered by AGE)</b> Design of Agricultural Machinery (R194235D), Food Quality and Control (R194235E), Industrial Pollution Control Engineering (R194235F)	Deep Learning (R194205A), Block chain Technologies (R194205D), Big Data Analytics (R194205E)	Product Design & Development (R194203C)
<b>Information Technology (12)</b>	Management and Organizational Behavior (Common to CSE & IT) (R1942051)	<b>Elective – V</b> Quantum Computing (Common to CSE & IT) (R194205B), Software Project Management (R194212A), Network Programming (R194212B)	<b>Open Elective (offered by Civil)</b> Disaster Management (R194201M), Environmental Pollution & Control (R194201N), Elements of Civil Engineering (R194201O), Green Technology (R194201P), Smart Cities (R194201Q), Project Management (R194201R), Traffic Safety (R194201S), Geo-Spatial Technologies (R194201T), Waste Water Treatment (R194201U)	<b>Open Elective – III (offered by ME)</b> Total Quality Management (R194203P), Supply Chain Management (R194203Q), Entrepreneurship (R194203R), Advanced Materials (R194203S) <b>Open Elective – III (offered by PE)</b> Shale Gas Technology (Except for PE) (R194227G), Basic concepts of Enhanced Oil Recovery Techniques (Except for PE) (R194227H), <b>Open Elective – III (offered by AGE)</b> Design of Agricultural Machinery (R194235D), Food Quality and Control (R194235E), Industrial Pollution Control Engineering (R194235F)	Deep Learning (R194205A), Block chain Technologies (R194205D), Big Data Analytics (R194205E)	Product Design & Development (R194203C)



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## IV B.TECH - II SEMESTER (R19) REGULAR EXAMINATIONS, APRIL - 2023

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<b>Automobile Engineering (24)</b>	Noise, Vibrations and Harshness (R1942241)	Vehicle Maintenance (R1942242)	Certification and Homologation (R1942243)	<b>Elective – III</b> Automotive Safety (R194224A), Automotive HVAC (R194224B), Special Purpose Vehicles (R194224C)	.....	.....
<b>Mining Engineering (26)</b>	Mine Economics & Investment (R1942261)	Numerical Modeling in Mining (R1942262)	<b>Elective – II</b> Planning of Underground Metal Mining Projects (R194226A), Long wall mining (R194226B), Planning of Surface Mining Projects (R194226C)	.....	.....	.....
<b>Petroleum Engineering (27)</b>	<b>Elective – VI</b> Production Optimization using Nodal Analysis, (R194227A), Deepwater Technology, (R194227B) Any other course subjective availability from NPTEL database (12 Weeks) other than regular offered courses. (R194227C)	<b>Elective – VII</b> Asset Management (R194227D) Petroleum Economics, Policies and Regulations (R194227E) Any other course subjective availability from NPTEL database (12 Weeks) other than regular offered courses. (R194227F)	<b>Open Elective</b> (offered by civil) Disaster Management (R194201M), Environmental Pollution & Control (R194201N), Elements of Civil Engineering (R194201O), Green Technology (R194201P), Smart Cities (R194201Q), Project Management (R194201R), Traffic Safety (R194201S), Geo-Spatial Technologies (R194201T), Waste Water Treatment (R194201U)	<b>Open Elective – III (offered by ME)</b> Total Quality Management (R194203P), Supply Chain Management (R194203Q), Entrepreneurship (R194203R), Advanced Materials (R194203S) <b>Open Elective – III (offered by CSE &amp; IT)</b> Image Processing (Except for CSE & IT) (R194205F), Mobile Application Development (Except for CSE & IT) (R194205G), Cyber Security (Except for CSE & IT) (R194205H) <b>Open Elective – III (offered by AGE)</b> Design of Agricultural Machinery (R194235D), Food Quality and Control (R194235E), Industrial Pollution Control Engineering (R194235F)	Deep Learning (R194205A)  Block chain Technologies (R194205D)  Big Data Analytics (R194205E)	Product Design & Development (R194203C)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
 UNIVERSITY EXAMINATION CENTER, KAKINADA  
**IV B.TECH - II SEMESTER (R19) REGULAR EXAMINATIONS, APRIL - 2023**

**TIME TABLE**

**TIME : 10.00 AM TO 01.00 PM**

Branch	17-04-2023 (Monday)	19-04-2023 (Wednesday)	21-04-2023 (Friday)	24-04-2023 (Monday)	26-04-2023 (Wednesday)	28-04-2023 (Friday)
<b>Agricultural Engineering (35)</b>	Agricultural Extension Techniques and Business Management (R194235I)	<p align="center"><b>Elective –IV</b>            Design of Soil and Water Conservation and Form Systems (R194235A),</p> <p align="center">Process Equipment Design (R194235B),</p> <p align="center">Digital Control Systems (R194235C)</p>	<p align="center"><b>Open Elective – IV</b>            (offered by AGE)            Agro Industries and By-Products Utilization (R194235G)            Hydraulic Devices and Controls (R194235H)            Water Resource System Planning and Management (R194235I)            Open Elective (offered by civil)            Disaster Management (R194201M),            Environmental Pollution &amp; Control (R194201N)            Elements of Civil Engineering (R194201O)            Green Technology (R194201P)            Smart Cities (R194201Q)            Project Management (R194201R)            Traffic Safety (R194201S)            Geo-Spatial Technologies (R194201T)            Waste Water Treatment (R194201U)</p>	<p align="center"><b>Open Elective – III</b>            (offered by ME)            Total Quality Management (R194203P), Supply Chain Management (R194203Q),            Entrepreneurship (R194203R),            Advanced Materials (R194203S)  <b>Open Elective – III</b>            (offered by CSE &amp; IT)            Image Processing (Except for CSE &amp; IT) (R194205F) Mobile Application Development            (Except for CSE &amp; IT) (R194205G)            Cyber Security (Except for CSE &amp; IT) (R194205H)  <b>Open Elective – III (offered by PE)</b>            Shale Gas Technology            (Except for PE)            (R194227G), Basic concepts of Enhanced Oil Recovery Techniques            (Except for PE Branch) (R194227H),  <b>Open Elective – III (offered by AGE)</b> Design of Agricultural Machinery            (R194235D), Food Quality and Control (R194235E), Industrial Pollution Control Engineering (R194235F)</p>	<p align="center">Deep Learning (R194205A)</p> <p align="center">Block chain Technologies (R194205D)</p> <p align="center">Big Data Analytics (R194205E)</p>	<p align="center">Product Design &amp; Development (R194203C)</p>

**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: 01 -04-2023**

**Controller of Examinations**

**ACADEMIC REGULATIONS**

For

**B.Tech FOUR YEAR DEGREE COURSE**

**(Applicable for the batches admitted from 2019-20)**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
KAKINADA – 533003, ANDHRA PRADESH, INDIA.



## ACADEMIC REGULATIONS (R19) FOR B. TECH. (REGULAR)

Applicable for the students of B. Tech. (Regular) from the Academic Year 2019-20 onwards

### 1. Award of B. Tech. Degree

1.1 A student will be declared eligible for the award of B. Tech. Degree if he fulfills the following academic regulations:

1. A student shall be declared eligible for the award of the B. Tech Degree, if he pursues a course of study in not less than four and not more than eight academic years. After eight academic years from the year of their admission, he/she shall **forfeit** their seat in B. Tech course and their admission stands cancelled.

2. The candidate shall register for 160 credits and secure all the 160 credits.

1.2 The medium of instruction for the entire under graduate programme in Engineering & Technology will be in English only.

### 2. Courses of study

The following courses of study are offered at present as specializations for the B. Tech. Courses with English as medium of Instruction.

S. No.	Branch	Code	Short Name
1	Civil Engineering	01	CE
2	Electrical & Electronics Engineering	02	EEE
3	Mechanical Engineering	03	ME
4	Electronics and Communication Engineering	04	ECE
5	Computer Science Engineering	05	CSE
6	Chemical Engineering	08	CHEM
7	Electronics and Instrumentation Engineering	10	EIE
8	Information Technology	12	IT
9	Electronics and Computer Engineering	19	E.COM.E
10	Aeronautical Engineering	21	AE
11	Automobile Engineering	24	AME
12	Mining Engineering	26	MM
13	Petroleum Technology / Petroleum Engineering	27	PT
14	Metallurgical Engineering	31	MTE
15	Agriculture Engineering	35	AGE
16	Architecture ( B. Arch)	40	ARC
17	B. Pharmacy	00	B. Pharm

### 3. Evaluation - Distribution and Weightage of marks

- (i) The performance of a student in each semester shall be evaluated subject – wise with a maximum of 100 marks for theory subject and 50 marks for practical subject. The project work shall be evaluated for 200 marks.
- (ii) For theory subjects the distribution shall be 25 marks for Internal Evaluation and 75 marks for the End - Examinations.
- (iii) For theory subjects, during a semester, there shall be two mid-term examinations. Each mid-term examination consists of one objective paper, one descriptive paper and one assignment. The objective paper and the descriptive paper shall be for 10 marks each with a total duration of 1 hour 50 minutes (20 minutes for objective and 90 minutes for descriptive paper). The objective paper is set with 20 multiple choice questions for a total of 10 marks. The descriptive paper shall contain 3 full questions, the student has to answer all questions. While the first mid-term examination shall be conducted on 50% of the syllabus, the second mid-term examination shall be conducted on the remaining 50% of the syllabus. Five marks are allocated for assignments (as specified by the subject teacher concerned). The first assignment should be submitted before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination. The total marks secured by the student in each mid-term examination are evaluated for 25 marks.
- (iv) Internal Marks can be calculated with 80% weightage for better of the two Mids and 20% weightage for other Mid Exam. As the syllabus is framed for 5 units, the 1<sup>st</sup> mid examination (Objective, Subjective and assignment) is conducted in 1, 2 & Half of -3 units and second test in remaining half of 3 unit,4&5 units of each subject in a semester.

Example:

$$\text{Final internal Marks} = (\text{Best Mid marks} \times 0.8 + \text{other Mid marks} \times 0.2)$$

- (v) The semester end examinations will be conducted for 75 marks consists of five questions carrying 15 marks each. Each of these questions is from one unit and may contain sub-questions. For each question there will be an “either” “or” choice, which means that there will be two questions from each unit and the student should answer either of the two questions.
- (vi) For practical subjects there shall be continuous evaluation during the semester for 20 internal marks and 30 end examination marks. The internal 20 marks shall be awarded as follows: day to day work - 5 marks, Record-5 marks and the remaining 10 marks to be awarded by conducting an internal laboratory test. The end examination shall be conducted by the teacher concerned and external examiner.



- (vii) For the subject having design and / or drawing, (such as Engineering Graphics, Engineering Drawing, Machine Drawing) and estimation, the distribution shall be 25 marks for internal evaluation ( 15 marks for day – to – day work, and 10 marks for internal tests) and 75 marks for end examination. There shall be two internal tests in a Semester and the Marks for 10 can be calculated with 80% weightage for better of the two tests and 20% weightage for other test and these are to be added to the marks obtained in day to day work.
- (viii) Out of a total of 200 marks for the project work, 60 marks shall be for Internal Evaluation and 140 marks for the End Semester Examination. The End Semester Examination (Viva – Voce) shall be conducted by the committee. The committee consists of an external examiner, Head of the Department and Supervisor of the Project. The evaluation of project work shall be conducted at the end of the IV year. The Internal Evaluation shall be on the basis of two seminars given by each student on the topic of his project and evaluated by an internal committee.
- (ix) Laboratory marks and the internal marks awarded by the College are not final. The marks are subject to scrutiny and scaling by the University wherever felt desirable. The internal and laboratory marks awarded by the College will be referred to a Committee. The Committee shall arrive at a scaling factor and the marks will be scaled as per the scaling factor. The recommendations of the Committee are final and binding. The laboratory records and internal test papers shall be preserved in the respective departments as per the University norms and shall be produced to the Committees of the University as and when they ask for.
- (x) Audit Course/Non-Credit Course (AC/NC): There shall be AC/NC courses with zero credits. There shall be no external examination. However, attendance in the audit course shall be considered while calculating aggregate attendance and student shall be declared to have passed the mandatory course only when he/she secures 40% or more in the mid examinations. In case, the student fails, a re-examination shall be conducted for failed candidates every six months/semester at a mutually convenient date of college/student satisfying the conditions mentioned in item 1 & 2 of the regulations.
- (xi) Mandatory Course (M.C): There shall be M.C with zero credits. There shall be no external examination. However, attendance in the mandatory course of minimum attendance (75%) in that particular subject.
- (xii) **Engineering Exploration Course:**  
Engineering Exploration Project is offered to the First year students of all engineering disciplines. The motivation of including this in the curriculum is to make the students practice creative problem solving method - Design Thinking which fosters collaboration and solve problems in human-centered ways. It enables the students to exercise and identify design opportunities through various phases with the help of hands-on activities. Obtaining a best solution for an identified problem involves a non-linear, iterative

process which seeks to understand users, challenge assumptions, redefine problems and create innovative solutions to prototype and test. The students are encouraged to explore real-world problems and expected to take charge of their own learning, work together in teams towards the problem.

The evaluation of the Engineering Exploration Project involves in writing their observations in Activity Cards at the end of each task given in syllabus and submitting a final report along with working prototype.

- (xiii) **Procedure for Conduct and Evaluation of MOOC:** There shall be a Discipline Centric Elective Course through Massive Open Online Course (MOOC) as Program Elective course. The student shall register for the course (Minimum of 12 weeks) offered by SWAYAM/NPTEL/JNTUK MOOCS through online with the approval of Head of the Department.

The Head of the Department shall appoint one mentor for each of the MOOC subjects offered. The student needs to register the course in the SWAYAM/NPTEL portal in the previous semester. During the course, the mentor monitors the student's assignment submission given by SWAYAM/NPTEL at the end of every week. The student needs to submit all the assignments given and needs to take final exam at the proctor center. The student needs to earn a certificate by passing the exam. The student will be awarded the credits given in curriculum only by submission of the certificate.

For JNTUK MOOCS course, the mentor appointed shall conduct the mid semester examinations as per 3(iii). Further, the University shall conduct the external examination for the MOOC subject in line with other regular subjects based on the syllabi of the respective subject provided in the curriculum. A MOOC course may be studied either in online or in conventional manner.

In case if the student does not pass in SWAYAM/NPTEL, the alternative subject maybe taken from JNTUK MOOCS and has to pass the course as per 3(iii)

Open Electives are evaluated as per 3(iii)

- (xiv) Induction program is mandatory for all first year UG students and shall be conducted as per Semester -0 course structure.
- (xv) Mini Project/Internship guidelines: There shall be an Industrial Oriented Mini Project/Summer Internship, in collaboration with an industry of their specialization. Students will register for this immediately after III year II semester examinations and pursue it during summer vacation. Industrial Oriented Mini Project/Summer Internship shall be submitted in a technical report form and presented before the committee in IV year I semester. It shall be evaluated for 50 external marks. The committee consists of an external examiner, Head of the Department, supervisor of the Industrial Oriented mini project/Summer Internship and a senior faculty member of the department. There shall be no internal marks for Industrial Oriented Mini Project/Summer Internship.



- (xvi) UG project work shall be carried out in two stages: Project Stage – I during IV Year I Semester, Project Stage – II during IV Year II Semester. Each stage will be evaluated for 100 marks. Student has to submit project work report at the end of each semester. First report includes project work carried out in IV Year I semester and second report includes project work carried out in IV Year I & II Semesters. External evaluation for both project stages shall be completed before the commencement of end Theory examinations.

#### 4. Attendance Requirements

1. A student is eligible to write the University examinations if he acquires a minimum of 50% in each subject and 75% of attendance in aggregate of all the subjects.
2. Condonation of shortage of attendance in aggregate up to 10% (65% and above and below 75%) in each semester may be granted by the College Academic Committee
3. Shortage of Attendance below 65% in aggregate shall not be condoned.
4. A student who is short of attendance in semester may seek re-admission into that semester when offered within 4 weeks from the date of the commencement of class work.
5. Students whose shortage of attendance is not condoned in any semester are not eligible to write their end semester examination of that class.
6. A stipulated fee shall be payable towards condonation of shortage of attendance.
7. A student will be promoted to the next semester if he satisfies the (i)attendance requirement of the present semester and (ii) minimum required credits.
8. If any candidate fulfills the attendance requirement in the present semester, he shall not be eligible for readmission into the same class.

#### 5. Minimum Academic Requirements

The following academic requirements have to be satisfied in addition to the attendance requirements mentioned in item no.4.

- 5.1 A student is deemed to have satisfied the minimum academic requirements if he has **earned the credits allotted to each theory / practical design / drawing Subject / project by securing not less than 35% of marks in the end semester exam, and minimum 40% of marks in the sum total of the internal marks and end semester examination marks.**
- 5.2 A student shall be promoted from first year to second year if he fulfills the minimum attendance requirement.
- 5.3 A student will be **promoted from II year to III year** if he fulfills the academic requirement of **40% of the credits up to either II year I semester or II year II semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in II year II semester.**
- 5.4 A student shall be **promoted from III year to IV year** if he fulfills the academic requirements of **40% of the credits up to either III year I**

**semester or III year II semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in III year II semester.**

5.5 A student shall register and put up minimum attendance in all 160 credits and earn all 160 credits.

6. **Course Pattern**

1. The entire course of study is for four academic years, all the years are on semester pattern.
2. A student eligible to appear for the end semester examination in a subject, but absent from it or has failed in the end semester examination, may write the exam in that subject when conducted next.
3. When a student is detained for lack of credits / shortage of attendance, he may be re-admitted into the same semester / year in which he has been detained. However, the academic regulations under which he was first admitted shall continue to be applicable to him.

7. **CGPA**

Marks Range Theory (Max – 100)	Marks Range Lab (Max – 75)	Letter Grade	Level	Grade Point
≥ 90	≥ 67	O	Outstanding	10
≥80 to <90	≥60 to <67	S	Excellent	9
≥70 to <80	≥52 to <60	A	Very Good	8
≥60 to <70	≥45 to <52	B	Good	7
≥50 to <60	≥37 to <45	C	Fair	6
≥40 to <50	≥30 to <37	D	Satisfactory	5
<40	<30	F	Fail	0
			Absent	0



### Computation of SGPA

- The following procedure is to be adopted to compute the Semester Grade Point Average. (SGPA) and Cumulative Grade Point Average (CGPA):
- The **SGPA** is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e
- $SGPA (S_i) = \sum (C_i \times G_i) / \sum C_i$
- Where  $C_i$  is the number of credits of the  $i$ th course and  $G_i$  is the grade point scored by the student in the  $i$ th course.

### Computation of CGPA

- The **CGPA** is also calculated in the same manner taking into account all the courses undergone by a student over all the semester of a programme, i.e.
- $CGPA = \sum (C_i \times S_i) / \sum C_i$
- Where  $S_i$  is the SGPA of the  $i^{\text{th}}$  semester and  $C_i$  is the total number of credits in that semester.
- The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.
- Equivalent Percentage =  $(CGPA - 0.75) \times 10$

### 8. Award of Class

After a student has satisfied the requirements prescribed for the completion of the program and is eligible for the award of B. Tech. Degree, he shall be placed in one of the following four classes:

Class Awarded	CGPA to be secured	From the CGPA secured from 160 Credits.
First Class with Distinction	$\geq 7.75$	
First Class	$\geq 6.75$	
Second Class	$\geq 5.75$ to $< 6.75$	
Pass Class	$\geq 4.75$ to $< 5.75$	

9. **Minimum Instruction Days**

The minimum instruction days for each semester shall be 90 working days. There shall be no branch transfers after the completion of the admission process. There shall be no transfer from one college/stream to another within the Constituent Colleges and Units of Jawaharlal Nehru Technological University Kakinada.

10. **Withholding of Results**

If the student is involved in indiscipline/malpractices/court cases, the result of the student will be withheld.

11. **Transitory Regulations**

1. Discontinued or detained candidates are eligible for re-admission as and when next offered.
2. The re-admitted candidate will be governed by the rules & regulations under which the candidate has been admitted.
3. (a) In case of transferred students from other Universities, the credits shall be transferred to JNTUK as per the academic regulations and course structure of the JNTUK.  
(b) The students seeking transfer to colleges affiliated to JNTUK from various other Universities / Institutions have to obtain the credits of any equivalent subjects as prescribed by JNTUK. In addition, the transferred candidates have to pass the failed subjects at the earlier Institute with already obtained sessional marks to be conducted by JNTUK.

12. **General**

1. Wherever the words "he", "him", "his", occur in the regulations, they include "she", "her", "hers".
2. The academic regulation should be read as a whole for the purpose of any interpretation.
3. In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice-Chancellor is final.
4. The University may change or amend the academic regulations or syllabi at any time and the changes or amendments made shall be applicable to all the students with effect from the dates notified by the University.

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17/9/19

Director  
Academic Planning  
JNTUK Kakinada

## ACADEMIC REGULATIONS (R19) FOR B. TECH. (LATERAL ENTRY SCHEME)

Applicable for the students admitted into II year B. Tech. from the Academic Year 2020-21 onwards

### 1 Award of B. Tech. Degree

A student will be declared eligible for the award of B. Tech. Degree if he fulfils the following academic regulations:

1.1 A student shall be declared eligible for the award of the B. Tech Degree, if he pursues a course of study in not less than three academic years and not more than six academic years. After six academic years from the year of their admission, he/she shall **forfeit** their seat in B. Tech course and their admission stands cancelled.

1.2 The candidate shall register for 120 credits and secure all the 120 credits.

2. The attendance regulations of B. Tech. (Regular) shall be applicable to B.Tech (lateral entry).

### 3. Promotion Rule

A student shall be promoted from second year to third year if he fulfills the minimum attendance requirement.

A student shall be promoted from III year to IV year if he fulfils the academic requirements of 40% of the credits up to either III year I semester or III year II semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in III year II semester.

### 4. Award of Class

After a student has satisfied the requirement prescribed for the completion of the program and is eligible for the award of B. Tech. Degree, he shall be placed in one of the following four classes:

Class Awarded	CGPA to be secured	
First Class with Distinction	$\geq 7.75$	<b>From the CGPA secured from 120 Credits from II Year to IV Year</b>
First Class	$\geq 6.75$	
Second Class	$\geq 5.75$ to $< 6.75$	
Pass Class	$\geq 4.75$ to $< 5.75$	

The marks obtained in the internal evaluation and the end semester examination shall be shown separately in the marks memorandum.

5. All the other regulations as applicable to **B. Tech. 4-year degree course (Regular)** will **hold good for B. Tech. (Lateral Entry Scheme)**.

  
17/9/19

**Director  
Academic Planning  
JNTUK Kakinada**



**MALPRACTICES RULES**  
**DISCIPLINARY ACTION FOR / IMPROPER CONDUCT IN EXAMINATIONS**

	<b>Nature of Malpractices/Improper conduct</b>	<b>Punishment</b>
	<i>If the candidate:</i>	
1. (a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which can be used as an aid in the subject of the examination)	Expulsion from the examination hall and cancellation of the performance in that subject only.
(b)	Gives assistance or guidance or receives it from any other candidate orally or by any other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the candidates involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject of the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that Semester/year. The Hall Ticket of the candidate is to be cancelled and sent to the University.
3.	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred and forfeits the seat. The performance of the original candidate who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.
4.	Smuggles in the Answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the examination.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
5.	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	Cancellation of the performance in that subject.
6.	Refuses to obey the orders of the Chief Superintendent/Assistant – Superintendent / any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the officer-in-charge, or any person on duty in or outside the examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the College campus or engages in any other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination.	In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the candidate(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. The candidates also are debarred and forfeit their seats. In case of outsiders, they will be handed over to the police and a police case is registered against them.

7.	Leaves the exam hall taking away answer script or intentionally tears the script or any part thereof inside or outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
8.	Possess any lethal weapon or firearm in the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.
9.	If student of the college, who is not a candidate for the particular examination or any person not connected with the college indulges in any malpractice or improper conduct mentioned in clause 6 to 8.	Student of the colleges expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.  Person(s) who do not belong to the College will be handed over to police and, a police case will be registered against them.
10.	Comes in a drunken condition to the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year.
11.	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny.	Cancellation of the performance in that subject and all other subjects the candidate has appeared including practical examinations and project work of that semester/year examinations.
12.	If any malpractice is detected which is not covered in the above clauses 1 to 11 shall be reported to the University for further action and impose suitable punishment.	

**Malpractices identified by squad or special invigilators**

1. Punishments to the candidates as per the above guidelines.
2. Punishment for institutions : (if the squad reports that the college is also involved in encouraging malpractices)
  - (i) A show cause notice shall be issued to the college.
  - (ii) Impose a suitable fine on the college.
  - (iii) Shifting the examination centre from the college to another college for a specific period of not less than one year.

\* \* \* \* \*

*Gurajana*  
17/9/19  
Director  
Academic Planning  
JNTUK Kakinada





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA KAKINADA-533003, Andhra Pradesh (India)**

**For Constituent Colleges and Affiliated Colleges of JNTUK**

**RAGGING**

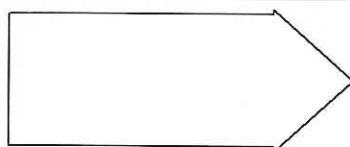
**Prohibition of ragging in educational institutions Act 26 of 1997**

**Salient Features**



**Ragging within or outside any educational institution is prohibited. Ragging means doing an act which causes or is likely to cause Insult or Annoyance of Fear or Apprehension or Threat or Intimidation or outrage of modesty or Injury to a student**

	<b>Imprisonment upto</b>		<b>Fine Upto</b>
<b>Teasing, Embarrassing and Humiliation</b>	<b>6 Months</b>	<b>+</b>	<b>RS. 1,000/-</b>
<b>Assaulting or Using Criminal force or Criminal intimidation</b>	<b>1 Year</b>	<b>+</b>	<b>RS. 2,000/-</b>
<b>Wrongfully restraining or confining or causing hurt</b>	<b>2 Years</b>	<b>+</b>	<b>RS. 5,000/-</b>
<b>Causing grievous hurt, kidnapping or Abducts or rape or committing unnatural offence</b>	<b>5 Years</b>	<b>+</b>	<b>RS. 10,000/-</b>



Causing death or  
abetting suicide

 10 Months

+

RS. 50,000/-

In Case of Emergency CALL TOLL FREE NO. : 1800 - 425 – 1288

LET US MAKE JNTUK A RAGGING FREE UNIVERSITY

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA  
KAKINADA-533003, Andhra Pradesh (India)  
For Constituent Colleges and Affiliated Colleges of JNTUK  
For Constituent Colleges and Affiliated Colleges of JNTUK



~~RAGGING~~  
ABSOLUTELY  
NO TO RAGGING

1. Ragging is prohibited as per Act 26 of A.P. Legislative Assembly, 1997.
2. Ragging entails heavy fines and/or imprisonment.
3. Ragging invokes suspension and dismissal from the College.
4. Outsiders are prohibited from entering the College and Hostel without permission.
5. Girl students must be in their hostel rooms by 7.00 p.m.
6. All the students must carry their Identity Cards and show them when demanded
7. The Principal and the Wardens may visit the Hostels and inspect the rooms any time.



Jawaharlal Nehru Technological University Kakinada  
For Constituent Colleges and Affiliated Colleges of JNTUK

In Case of Emergency CALL TOLL FREE NO. : 1800 - 425 - 1288

LET US MAKE JNTUK A RAGGING FREE UNIVERSITY

**ACADEMIC REGULATIONS (R20)**  
**COURSE STRUCTURE & DETAILED SYLLABUS**

For

**B. Tech FOUR YEAR DEGREE COURSE**  
**(Applicable for the batches admitted from 2020-21)**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**KAKINADA – 533003, ANDHRA PRADESH, INDIA**

## ACADEMIC REGULATIONS (R20) FOR B. TECH. (REGULAR)

**Applicable for students of B. Tech. (Regular) from Academic Year 2020-21 onwards**

Jawaharlal Nehru Technological University Kakinada (JNTUK) 2020 Regulations (R20 Regulations) applicable to all affiliated colleges are given hereunder. These regulations govern the B. Tech programmes offered by all affiliated colleges with effect from the students admitted to the programmes in academic year 2020-21.

### **1. Courses of study:**

The following courses of study are offered at present as specializations for the B. Tech. Courses in the jurisdiction of all affiliated colleges of JNTUK.

S. No	Branch	Short Name	Code
1	Civil Engineering	CE	01
2	Electrical & Electronics Engineering	EEE	02
3	Mechanical Engineering	ME	03
4	Electronics and Communication Engineering	ECE	04
5	Computer Science Engineering	CSE	05
6	Computer Science & Technology	CST	06
7	Electronics and Instrumentation Engineering	EIE	10
8	Information Technology	IT	12
9	Automobile Engineering	AME	24
10	Mining Engineering	MM	26
11	Petroleum Engineering	PE	27
12	Agriculture Engineering	AGE	35
13	Artificial Intelligence and Machine Learning	AIML	42
14	Artificial Intelligence	AI	43
15	Data Science	DS	44
16	Artificial Intelligence and Data Science	AIDS	45
17	Cyber Security	CS	46
18	Internet of things and Cyber security including Block chain Technology	IOTCSBT	47
19	Computer Science and Business System	CSBS	48
20	Internet of Things	IOT	49
21	Electronics & Communication Technology	ECT	50
22	Food Engineering	FE	51

- 2. Medium of Instruction:** The medium of instruction of the entire B. Tech undergraduate programme in Engineering & Technology (including examinations and project reports) will be in **English** only.
- 3. Admissions:** Admission to the B. Tech Programme shall be made subject to the eligibility, qualifications and specialization prescribed by the A.P. State Government/University from time to time. Admissions shall be made either on the basis of the merit rank obtained by the student in the common entrance examination conducted by the A.P. Government/University or on the basis of any other order of merit approved by the A.P. Government/University, subject to reservations as prescribed by the Government/University from time to time.

#### 4. Programme Pattern:

- a) Total duration of the of B. Tech (Regular) Programme is four academic years
- b) Each Academic year of study is divided in to **two semesters**.
- c) Minimum number of instruction days in each semester is 90.
- d) Grade points, based on percentage of marks awarded for each course will form the basis for calculation of SGPA (Semester Grade Point Average) and CGPA (Cumulative Grade Point Average).
- e) The total credits for the Programme are 160.
- f) A three-week induction program is mandatory for all first year UG students and shall be conducted as per AICTE/UGC/APSICHE guidelines.
- g) Student is introduced to “Choice Based Credit System (CBCS)”.
- h) A pool of interdisciplinary and job-oriented mandatory skill courses which are relevant to the industry are integrated into the curriculum of concerned branch of engineering (total five skill courses: two basic level skill courses, one on soft skills and other two on advanced level skill courses)
- i) A student has to register for all courses in a semester.
- j) All the registered credits will be considered for the calculation of final CGPA.
- k) Each semester has - ‘Continuous Internal Evaluation (CIE)’ and ‘Semester End Examination (SEE)’. Choice Based Credit System (CBCS) and Credit Based Semester System (CBSS) as indicated by UGC and course structure as suggested by AICTE are followed.
- l) A 10 months industry/field mandatory internship, both industry and social, during the summer vacation and also in the final semester to acquire the skills required for job and make engineering graduates to connect with the needs of the industry and society at large.
- m) All students shall be mandatorily registered for NCC/NSS activities.
- n) Each college shall assign a faculty advisor/mentor after admission to each student or group of students from same department to provide guidance in courses registration/career growth/placements/opportunities for higher studies/GATE/other competitive exams etc.

5. **Subject/Course Classification:** All subjects/courses offered for the undergraduate programme in E & T (B. Tech degree programmes) are broadly classified as follows.

S.No	Category	Code	APSICHE breakup of Credits	AICTE Credits of breakup
1	Humanities and social science including Management courses	HSMC	10.5	12
2	Basic Science courses	BSC	21	25
3	Engineering courses science	ESC	24	24
4	Professional core Courses	PCC	51	48
5	Open Elective Courses	OEC	12	18
6	Professional Courses Elective	PEC	15	18
7	Internship, seminar, project work	PROJ	16.5	15
8	Skill Oriented Courses	SC	10	-
9	Laboratory Courses	LC	-	-
10	Mandatory courses	MC	Non-credit	Non-credit
<b>Total Credits</b>			160	160



## 6. Registration for Courses:

- i) The college shall invite registration forms from the students at the beginning of the semester for the registration for courses each semester. The registration process shall be closed within one week. If any student wishes to withdraw the registration, he/she shall submit a letter to the principal through the class teacher/instructor and HOD. The principal shall communicate the registration and withdraw details courses of each student in a consolidated form to the college examination section and University without fail.
- ii) There are four open electives in each branch. All Open Electives are offered to students of all branches in general. A student shall choose an open elective, by consulting the HOD/advisor, from the list in such a manner that he/she has not studied the same course in any form during the Programme.
- iii) A student shall be permitted to pursue up to a maximum of two elective courses under MOOCs during the programme. Students are advised to register for only for minimum 12 weeks in duration MOOCs courses. Student has to pursue and acquire a certificate for a MOOC course only from the SWAY/NPTE through online with the approval of Head of the Department in order to earn the 3 credits. The Head of the department shall notify the list of such courses at the beginning of the semester. The details of the MOOCs courses registered by the students shall be submitted to the University examination center as well as college examination center. The Head of the Department shall appoint a mentor for each of the MOOC subjects registered by the students to monitor the student's assignment submissions given by SWAYAM/NPTEL. The student needs to submit all the assignments given and needs to take final exam at the proctor center. The student needs to earn a certificate by passing the exam. The student will be awarded the credits given in curriculum only by submission of the certificate. In case if student does not pass subjects registered through SWAYAM/NPTEL, the same or alternative equivalent subject may be registered again through SWAYAM/NPTEL in the next semester with the recommendation of HOD and shall be passed.
- iv) Two summer internships each with a minimum of six weeks duration shall be mandatorily done/completed respectively at the end of second and third years (during summer vacations). The internship can be done by the students at local industries, Govt. Organizations, construction agencies, Industries, Hydel and thermal power projects and also in software MNCs. After completing the summer internship, the students shall register in the immediate respective odd semester and it will be evaluated at the end of the semester as per norms of the university. The student has to produce the summer internship satisfactory report and certificate taken from the organization to be considered for evaluation. The College shall facilitate and monitor the student internship programs. Completion of internships is mandatory, if any student fails to complete internship, he/she will not be eligible for the award of degree. In such cases, the student shall repeat and complete the internship.
- v) In the final semester, the student should mandatorily register and undergo internship and in parallel he/she should work on a project with well-defined objectives. At the end of the semester the candidate shall submit an internship completion certificate and a project report. A student shall also be permitted to submit project report on the work carried out during the internship. The project report shall be evaluated with an external examiner.
- vi) Curricular Framework for Skill oriented courses
  - a) There are five (05) skill-oriented courses shall be offered during III to VII semesters and students must register and pass the courses successfully.
  - b) For skill oriented/skill advanced course, one theory and 2 practical hours (1-0-2) or two theory hours (2-0-0) may be allotted as per the decision of concerned BOS.
  - c) Out of the five skill courses; (i) two shall be skill-oriented courses from the same domain and shall be completed in second year (ii) Of the remaining 3 skill courses, one shall be necessarily be a soft skill course and the remaining 2 shall be skill-advanced courses either from the same domain or job-oriented skill courses, which can be of inter disciplinary nature.
  - d) Students may register the interdisciplinary job-oriented skill courses based on the prerequisites and eligibility in consultation with HOD of the college.

- e) The student shall be given an option to choose either the skill courses being offered by the college or to choose a certificate course being offered by industries/Professional bodies/APSSDC or any other accredited bodies. However, the department has to assign mentors in the college to monitor the performance of the students.
- f) If a student chooses to take a Certificate Course offered by industries/Professional bodies/APSSDC or any other accredited bodies, in lieu of the skill advanced course offered by the Department, then the department shall mark overall attendance of the student for the remaining courses in that semester excluding the skill course in all the calculations of mandatory attendance requirements upon producing a valid certificate. However, the student is deemed to have fulfilled the attendance requirement of the course, if the external agency issues a certificate with satisfactory condition. If the certificate issued by external agency is marked with unsatisfactory condition, then the student shall repeat the course either in the college or at external agency. The credits will be awarded to the student upon producing the successful Course Completion Certificate from the agency/professional bodies and after passing in the viva-voce examination conducted at college as per university norms at the end of the semester.

7. (a) **Award of B. Tech. Degree:** A student will be declared eligible for the award of B. Tech. Degree if he fulfills the following academic regulations:

- i) A student shall be declared eligible for award of the B. Tech Degree, if he pursues a course of study in not less than four and not more than eight academic years.
- ii) After eight academic years from the year of their admission, he/she shall **forfeit** their seat in B. Tech course and their admission stands cancelled.
- iii) The student shall register for 160 credits and must secure all the 160 credits.
- iv) All students shall register for NCC/NSS activities and will be required to participate in an activity specified by NSS officer during second and third semesters. Grade shall be awarded as Satisfactory or Unsatisfactory in the mark sheet on the basis of participation, attendance, performance and behavior. If a student gets an unsatisfactory Grade, he/she shall repeat the above activity in the subsequent years, in order to complete the degree requirements.
- v) Courses like Environmental Sciences, Universal Human Values, Ethics, Indian Constitution, Essence of Indian Traditional Knowledge etc., shall be included in the curriculum as non-credit mandatory courses. Environmental Sciences is to be offered compulsorily as mandatory course for all branches. A student has to secure 40% of the marks allotted in the internal evaluation for passing the course. No marks or letter grade shall be allotted for all mandatory non-credit courses.
- vi) Credit Definition:

1 Hour Lecture (L) per week	1 Credit
1 Hour Tutorial (T) per week	1 Credit
1 Hour Practical (P) per week	0.5 Credit
2 Hours Practical (Lab) per week	1 Credit

(b) **Award of B. Tech. (Honor)/B. Tech. (Minor):** B. Tech. with Honors or a B. Tech. with a Minor will be awarded if the student earns 20 additional credits are acquired as per the regulations/guidelines. The regulations/guidelines are separately provided. Registering for Honors/Minor is optional.

## 8. Attendance Requirements

- a) A student is eligible to write the University examinations if he acquires a minimum of 40% in each subject and 75% of attendance in aggregate of all the subjects.
- b) Condonation of shortage of attendance in aggregate up to 10% (65% and above and below 75%) may be granted by the College Academic Committee. However, this condonation concession is applicable only to any two semesters during the entire programme.
- c) Shortage of Attendance below 65% in aggregate shall not be condoned.
- d) A student who is short of attendance in a semester may seek re-admission into that semester when offered within 4 weeks from the date of commencement of class work.
- e) Students whose shortage of attendance is not condoned in any semester are not eligible to write their end semester examination of that class.

- f) A stipulated fee of Rs. 500/- in the concerned semester shall be payable towards condonation of shortage of attendance. Students availing condonation on medical ground shall produce a medical certificate issued by the competitive authority.
- g) A student will be promoted to the next semester if he satisfies the (i) attendance requirement of the present semester and (ii) minimum required credits.
- h) If any candidate fulfills the attendance requirement in the present semester, he shall not be eligible for readmission into the same class.
- i) For induction programme attendance shall be maintained as per AICTE norms.
- j) For non-credit mandatory courses the students shall maintain the attendance similar to credit courses

**9. Evaluation-Distribution and Weightage of marks**

- (i) Paper setting and evaluation of the answer scripts shall be done as per the procedures laid down by the University Examination section from time to time.
- (ii) For non-credit mandatory courses, like Environmental Sciences, Universal Human Values, Ethics, Indian Constitution, Essence of Indian Traditional Knowledge, the student has to secure 40% of the marks allotted in the internal evaluation for passing the course. No marks or letter grade shall be allotted for all mandatory non-credit courses.
- (iii) A student is deemed to have satisfied the minimum academic requirements if he has earned the credits allotted to each theory/practical design/drawing subject/ project etc by securing not less than 35% of marks in the end semester exam and minimum 40% of marks in the sum total of the internal marks and end semester examination marks together.
- (iv) Distribution and Weightage of marks:

The assessment of the student's performance in each course will be based on Continuous Internal Evaluation (CIE) and Semester-End Examination (SEE). The performance of a student in each semester shall be evaluated subject-wise with a maximum of 100 marks for theory subject and 50 marks for practical subject. For theory subjects the distribution shall be 30 marks for Internal Evaluation and 70 marks for the End Examinations.

S. No	Components	Internal	External	Total
1	Theory	30	70	100
2	Engineering Graphics/Design/Drawing	30	70	100
3	Practical	15	35	50
4	Mini Project/Internship/Industrial Training/ Skill Development programmes/Research Project	-	50	50
5	Project Work	60	140	200

**(v) Continuous Internal Theory Evaluation:**

- (a) For theory subjects, during a semester, there shall be two mid-term examinations. Each mid-term examination consists of (i) one online objective examination (ii) one descriptive examination and (iii) one assignment. The online examination (objective) shall be 10 marks and descriptive examination shall be for 15 marks with a total duration of 1 hour 50 minutes (20 minutes for objective and 90 minutes for descriptive paper).
- (b) The first online examination (objective) is set with 20 multiple choice questions for 10 marks (20 questions x ½ marks) from first two and half units (50% of the syllabus) and it is conducted by **University Examination Section**. The descriptive examination is set with 3 full questions for 5 marks each from first two and half units (50% of the syllabus), the student has to answer all questions. In the similar lines, the second online and descriptive examinations shall be conducted on the rest of the syllabus.
- (c) The assignment is given by the concerned class teacher for five marks from first two and half units (50% of the syllabus). The second assignment shall be given from rest of the syllabus. The first assignment should be submitted before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination.
- (d) The total marks secured by the student in each mid-term examination are evaluated for 30 marks. The first mid marks (Mid-1) consisting of marks of online objective examination, descriptive

- examination and assignment shall be submitted to the University examination section within one week after completion of first mid examination.
- (e) The mid marks submitted to the University examination section shall be displayed in the concerned college notice boards for the benefit of the students.
  - (f) If any discrepancy found in the submitted Mid-1 marks, it shall be brought to the notice of university examination section within one week from the submission.
  - (g) Second mid marks (Mid-2) consisting of marks of online objective examination, descriptive examination and assignment shall also be submitted to University examination section within one week after completion of second mid examination and it shall be displayed in the notice boards. If any discrepancy found in the submitted mid-2 marks, it shall be brought to the notice of university examination section within one week from the submission.
  - (h) Internal marks can be calculated with 80% weightage for better of the two mid exams and 20% Weightage for another mid exam.

Example:

**Mid-1 marks** = Marks secured in (online examination-1+descriptive examination-1  
+one assignment-1)

**Mid-2 marks** = Marks secured in (online examination-2+descriptive examination-2  
+one assignment-2)

**Final internal Marks** = (Best of (Mid-1/Mid-2) marks x 0.8  
+ Least of (Mid-1/Mid-2) marks x 0.2)

- (i) With the above criteria, university examination section will send mid marks of all subjects in consolidated form to all the concerned colleges and same shall be displayed in the concerned college notice boards. If any discrepancy found, it shall be brought to the notice of university examination section through proper channel within one week with all proofs. Discrepancies brought after the given deadline will not be entertained under any circumstances.
- (vi) **Semester End Theory Examinations Evaluation:**
- (a) The semester end examinations will be conducted university examination section for 70 marks consists of five questions carrying 14 marks each. Each of these questions is from one unit and may contain sub-questions. For each question there will be an “either” “or” choice, which means that there will be two questions from each unit and the student should answer either of the two questions.
  - (b) For practical subjects there shall be continuous evaluation during the semester for 15 internal marks and 35 end examination marks. The internal 15 marks shall be awarded as follows: day to day work - 5 marks, Record-5 marks and the remaining 5 marks to be awarded by conducting an internal laboratory test. The end examination shall be conducted by the teacher concerned and external examiner appointed by controller of examinations, JNTUK.  
**Note:** Laboratory marks and the internal marks awarded by the College are not final. The marks are subject to scrutiny and scaling by the University wherever felt desirable. The internal and laboratory marks awarded by the College will be referred to a Committee. The Committee shall arrive at a scaling factor and the marks will be scaled as per the scaling factor. The recommendations of the Committee are final and binding. All the laboratory records and internal test papers shall be preserved in respective departments as per University norms and shall be produced to the Committees of University as and when they ask for.
  - (c) For the subject having design and / or drawing (such as Engineering Graphics, Engineering Drawing, Machine Drawing) and estimation, the distribution shall be 30 marks for internal evaluation (15 marks for continuous Assessment (day-to-day work) and 15 marks for internal tests) and 70 marks for end examination. There shall be two internal tests in a Semester for 15 marks each and final marks can be calculated with 80% weightage for better of the two tests and 20% weightage for other test and these are to be added to the marks obtained in day-to-day work.
  - (d) Evaluation of the summer internships: It shall be completed in collaboration with local industries, Govt. Organizations, construction agencies, Industries, Hydel and thermal power projects and also in software MNCs in the area of concerned specialization of the UG

- programme. Students shall pursue this internship during summer vacation just before its offering as per course structure. The minimum duration of this course shall be at least 6 weeks. The student shall register for the internship as per course structure after commencement of academic year. A supervisor/mentor/advisor has to be allotted to guide the students for taking up the summer internship. The supervisor shall monitor the attendance of the students while taking up the internship. Attendance requirements are as per the norms of the University. After successful completion, students shall submit a summer internship technical report to the concerned department and appear for an oral presentation before the departmental committee consists of an external examiner appointed by the University; Head of the Department, supervisor of the internship and a senior faculty member of the department. A certificate from industry/skill development center shall be included in the report. The report and the oral presentation shall carry 40% and 60% weightages respectively. It shall be evaluated for 50 external marks at the end of the semester. There shall be no internal marks for Summer Internship. A student shall secure minimum 40% of marks for successful completion. In case, if a student fails, he/she shall reappear as and when semester supplementary examinations are conducted by the University.
- (e) The job-oriented skill courses may be registered at the college or at any accredited external agency. A student shall submit a record/report on the on the list skills learned. If the student completes job-oriented skill course at external agency, a certificate from the agency shall be included in the report. The course will be evaluated at the end of the semester for 50 marks (record: 15 marks and viva-voce: 35 marks) along with laboratory end examinations in the presence of external (appointed by the university) and internal examiner (course instructor or mentor). There are no internal marks for the job-oriented skill courses.
- (f) **Mandatory Course (M.C):** Environmental Sciences, Universal Human Values, Ethics, Indian Constitution, Essence of Indian Traditional Knowledge etc non-credit (zero credits) mandatory courses. Environmental Sciences shall be offered compulsorily as mandatory course for all branches. A minimum of 75% attendance is mandatory in these subjects. There shall be an external examination for 70 marks and it shall be conducted by the college internally. Two internal examinations shall be conducted for 30 marks and a student has to secure at least 40% of the marks for passing the course. There is no online internal exam for mandatory courses. No marks or letter grade shall be printed in the transcripts for all mandatory non-credit courses, but only Completed (Y)/Not-completed (N) will be specified.
- (g) **Procedure for Conduct and Evaluation of MOOC:** There shall be a Discipline Centric Elective Course through Massive Open Online Course (MOOC) as Program Elective course. The student shall register for the course (Minimum of 12 weeks) offered by SWAYAM/NPTEL through online with the approval of Head of the Department. The Head of the Department shall appoint one mentor for each of the MOOC subjects offered. The student needs to register the course in the SWAYAM/NPTEL portal. During the course, the mentor monitors the student's assignment submissions given by SWAYAM/NPTEL. The student needs to submit all the assignments given and needs to take final exam at the proctor center. The student needs to earn a certificate by passing the exam. The student will be awarded the credits given in curriculum only by submission of the certificate. In case if student does not pass subjects registered through SWAYAM/NPTEL, the same or alternative equivalent subject may be registered again through SWAYAM/NPTEL in the next semester with the recommendation of HOD and shall be passed.
- (h) **Major Project (Project - Project work, seminar and internship in industry):**  
 In the final semester, the student should mandatorily register and undergo internship and in parallel he/she should work on a project with well-defined objectives. At the end of the semester the candidate shall submit an internship completion certificate and a project report. A student shall also be permitted to submit project report on the work carried out during the internship. The project report shall be evaluated with an external examiner.  
*Evaluation:* The total marks for project work 200 marks and distribution shall be 60 marks for internal and 140 marks for external evaluation. The supervisor assesses the student for 30 marks (Report: 15 marks, Seminar: 15 marks). At the end of the semester, all projects shall be showcased at the department for the benefit of all students and staff and the same is to be



evaluated by the departmental Project Review Committee consisting of supervisor, a senior faculty and HOD for 30 marks. The external evaluation of Project Work is a Viva-Voce Examination conducted in the presence of internal examiner and external examiner appointed by the University and is evaluated for 140 marks.

10. Recounting of Marks in the End Semester Examination: A student can request for recounting of his/her answer book on payment of a prescribed fee as per university norms.
11. Re-evaluation or Revaluation by Challenge of the End Semester Examination: A student can request for Revaluation or Revaluation by Challenge of his/her answer book on payment of a prescribed fee as per university norms.
12. Supplementary Examinations: A student who has failed to secure the required credits can appear for a supplementary examination, as per the schedule announced by the University.
13. Malpractices in Examinations: Disciplinary action shall be taken in case of malpractices during Mid/End examinations as per the rules framed by the University.

#### 14. Promotion Rules

The following academic requirements have to be satisfied in addition to the attendance requirements mentioned in item no.8 for promotion to higher classes

- a) A student shall be promoted from first year to second year if he fulfills the minimum attendance requirement as per University norm.
- b) A student will be promoted from II to III year if he fulfills the academic requirement of 40% of credits up to either II year I-Semester or II year II-Semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in II year II semester.
- a) A student shall be promoted from III year to IV year if he fulfills the academic requirements of 40% of the credits up to either III year I semester or III year II semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in III year II semester.

#### 15. Course Pattern

- a) The entire course of study is for four academic years; all years are on semester pattern.
- b) A student eligible to appear for the end semester examination in a subject, but absent from it or has failed in the end semester examination, may write the exam in that subject when conducted next.
- c) When a student is detained for lack of credits/shortage of attendance, he may be re-admitted into the same semester/year in which he has been detained. However, the academic regulations under which he was first admitted shall continue to be applicable to him.

#### 16. Earning of Credit:

A student shall be considered to have completed a course successfully and earned the credits if he/she secures an acceptable letter grade in the range A+ to E as given below. Letter grade 'F' in any course implies failure of the student in that course and no credits earned. Absent is also treated as no credits earned. For project same % percentages will be followed for grading.

Marks Range Theory (Max – 100)	Marks Range Lab (Max – 50)	Level	Letter Grade	Grade Point
≥ 90	≥ 45	Outstanding	A+	10
≥80 to <89	≥40 to <44	Excellent	A	9
≥70 to <79	≥35 to <39	Very Good	B	8
≥60 to <69	≥30 to <34	Good	C	7
≥50 to <59	≥25 to <29	Fair	D	6
≥40 to <49	≥20 to <24	Satisfactory	E	5
<40	<20	Fail	F	0
-		Absent	AB	0

#### 17. Computation of SGPA and CGPA

The UGC recommends the following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

- (i) **SGPA**( $S_k$ ) of  $k^{\text{th}}$  semester (1 to 8) is ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the total number of credits of all the courses undergone/registered by a student, i.e.,

$$SGPA(S_k) = \frac{\sum_{i=1}^n (C_i \times G_i)}{\sum_{i=1}^n C_i}$$

Where  $C_i$  is the number of credits of the  $i^{\text{th}}$  course/subject in a semester and  $G_i$  is the grade point scored by the student in the  $i^{\text{th}}$  course/subject and  $n$  is the number of courses/subjects registered in that semester.

- (ii) **CGPA**: The CGPA is calculated in the same manner taking into account all the 'm' courses/subjects registered by student over all the semesters of a Programme i.e., in all eight semesters

$$CGPA = \frac{\sum_{i=1}^m (C_i \times S_i)}{\sum_{i=1}^m C_i}$$

Where  $S_i$  is SGPA of the  $i^{\text{th}}$  semester and  $C_i$  is total number of credits in that semester.

- (iii) SGPA and CGPA shall be rounded off to 2 decimal points and reported in transcripts.  
 (iv) While computing the SGPA/CGPA, the subjects in which the student is awarded Zero grade points will also be included.  
 (v) **Grade Point**: It is a numerical weight allotted to each letter grade on a 10-point scale.  
 (vi) **Letter Grade**: It is an index of the performance of students in a said course. Grades are denoted by letters A+, A, B, C, D, E, F and AB.  
 (vii) As per AICTE regulations, conversion of CGPA into equivalent percentage as follows:  
 Equivalent Percentage = (CGPA – 0.75) x 10  
 (viii) Illustration of Computation of SGPA and CGPA

**Illustration for SGPA**: Let us assume there are 6 subjects in a semester. The grades obtained as follows:

Course	Credit	Grade Obtained	Grade point	$S_i = \text{Credit Point (Credit x Grade)}$
Subject 1	3	B	8	3 X 8 = 24
Subject 2	4	C	7	4 X 7 = 28
Subject 3	3	D	6	3 X 6 = 18
Subject 4	3	A+	10	3 X 10 = 30
Subject 5	3	E	5	3 X 5 = 15
Subject 6	4	D	6	4 X 6 = 24
	20			139

Thus, **SGPA = 139/20 = 6.95 = 6.9 (approx.)**

**Illustration for CGPA**:

Semester 1	Semester 2	Semester 3	Semester 4
Credits: 20 SGPA: 6.9	Credits: 22 SGPA: 7.8	Credits: 25 SGPA: 5.6	Credits: 26 SGPA: 6.0
Semester 5	Semester 6	Semester 7	Semester 8

Credits: 26 SGPA: 6.3	Credits: 25 SGPA: 8.0	Credits: 21 SGPA: 6.4	Credits: 23 SGPA: 7.5
--------------------------	--------------------------	--------------------------	--------------------------

Thus,

$$CGPA = \frac{20 \times 6.9 + 22 \times 7.8 + 25 \times 5.6 + 26 \times 6.0 + 26 \times 6.3 + 25 \times 8.0 + 21 \times 6.4 + 23 \times 7.5}{188} = \frac{1276.3}{188} = 6.78$$

### 18. Award of Class

After a student has satisfied the requirements prescribed for the completion of the program and is eligible for the award of B. Tech. Degree, he shall be placed in one of the following four classes:

Class Awarded	CGPA to be secured	Remarks
First Class with Distinction	$\geq 7.75$ (Without any supplementary appearance)	From the CGPA secured from 160 Credits
First Class	$\geq 6.75$	
Second Class	$\geq 5.75$ to $< 6.75$	
Pass Class	$\geq 5.00$ to $< 5.75$	

### 19. Minimum Instruction Days

The minimum instruction days for each semester shall be 90 working days. There shall be no branch transfers after the completion of the admission process. There shall be no transfer from one college/stream to another within the Constituent Colleges and Units of Jawaharlal Nehru Technological University Kakinada.

### 20. Withholding of Results

If the student is involved in indiscipline/malpractices/court cases, the result of the student will be withheld.

### 21. Transitory Regulations

- Discontinued or detained candidates are eligible for re-admission as and when next offered.
- The re-admitted candidate will be governed by the rules & regulations under which the candidate has been admitted.
- In case of transferred students from other Universities, credits shall be transferred to JNTUK as per the academic regulations and course structure of JNTUK.
  - The students seeking transfer to colleges affiliated to JNTUK from various other Universities / Institutions have to obtain the credits of any equivalent subjects as prescribed by JNTUK. In addition, the transferred candidates have to pass the failed subjects at the earlier Institute with already obtained internal/sessional marks to be conducted by JNTUK.

### 22. Gap - Year

Gap Year concept of Student Entrepreneur in Residence shall be introduced and outstanding students who wish to pursue entrepreneurship are allowed to take a break of one year at any time after I/II/III year to pursue entrepreneurship full time. This period shall be counted for the maximum time for graduation. An evaluation committee at university level shall be constituted to evaluate the proposal submitted by the student and the committee shall decide on permitting the student for availing the Gap Year.

### 23. General

- Wherever the words "he", "him", "his", occur in the regulations, they include "she", "her", "hers".
- The academic regulation should be read as a whole for the purpose of any interpretation.
- In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice-Chancellor is final.
- The University may change or amend the academic regulations or syllabi at any time and the changes or amendments made shall be applicable to all the students with effect from the dates notified by the University.

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**ACADEMIC REGULATIONS (R20) FOR B. TECH**  
**(LATERAL ENTRY SCHEME)**

Applicable for students admitted into II B. Tech. from the Academic Year 2020-21 onwards

1 **Award of B. Tech. Degree**

A student will be declared eligible for the award of B. Tech. Degree if he fulfills the following academic regulations:

- a) A student shall be declared eligible for the award of the B. Tech Degree, if he pursues a course of study in not less than three academic years and not more than six academic years. After six academic years from the year of their admission, he/she shall **forfeit** their seat in B. Tech course and their admission stands cancelled.
  - b) The candidate shall register for 121 credits and secure all the 121 credits.
2. The attendance regulations of B. Tech. (Regular) shall be applicable to B.Tech (lateral entry).

3. **Promotion Rule**

A student shall be promoted from second year to third year if he fulfills the minimum attendance requirement.

A student shall be promoted from III year to IV year if he fulfills the academic requirements of 40% of the credits up to either III year I semester or III year II semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in III year II semester.

4. **Award of Class**

After a student has satisfied the requirement prescribed for the completion of the program and is eligible for the award of B. Tech. Degree, he shall be placed in one of the following four classes:

Class Awarded	CGPA to be secured	Remarks
First Class with Distinction	$\geq 7.75$ (Without any supplementary appearance)	From the CGPA secured from 121 Credits from II Year to IV Year
First Class	$\geq 6.75$	
Second Class	$\geq 5.75$ to $< 6.75$	
Pass Class	$\geq 5.00$ to $< 5.75$	

The Grades secured, Grade points and Credits obtained will be shown separately in the memorandum of marks.

5. All the other regulations as applicable to **B. Tech. 4-year degree course (Regular)** will hold good for **B. Tech. (Lateral Entry Scheme)**.

## COMMUNITY SERVICE PROJECT

### *Introduction*

1. Community Service Project is an experiential learning strategy that integrates meaningful community service with instruction, participation, learning and community development
2. Community Service Project involves students in community development and service activities and applies the experience to personal and academic development.
3. Community Service Project is meant to link the community with the college for mutual benefit. The community will be benefited with the focused contribution of the college students for the village/ local development. The college finds an opportunity to develop social sensibility and responsibility among students and also emerge as a socially responsible institution.

### *Objective*

Community Service Project should be an integral part of the curriculum, as an alternative to the 2 months of Summer Internships / Apprenticeships / On the Job Training, whenever there is an exigency when students cannot pursue their summer internships. The specific objectives are;

1. To sensitize the students to the living conditions of the people who are around them,
2. To help students to realize the stark realities of the society.
3. To bring about an attitudinal change in the students and help them to develop societal consciousness, sensibility, responsibility and accountability
4. To make students aware of their inner strength and help them to find new /out of box solutions to the social problems.
5. To make students socially responsible citizens who are sensitive to the needs of the disadvantaged sections.
6. To help students to initiate developmental activities in the community in coordination with public and government authorities.
7. To develop a holistic life perspective among the students by making them study culture, traditions, habits, lifestyles, resource utilization, wastages and its management, social problems, public administration system and the roles and responsibilities of different persons across different social systems.

### *Implementation of Community Service Project*

1. Every student should put in a minimum of **180 hours** for the Community Service Project during the summer vacation.
2. Each class/section should be assigned with a mentor.
3. Specific Departments could concentrate on their major areas of concern. For example, Dept. of Computer Science can take up activities related to Computer Literacy to different sections of people like - youth, women, house-wives, etc
4. A log book has to be maintained by each of the student, where the activities undertaken/involved to be recorded.
5. The log book has to be countersigned by the concerned mentor/faculty in charge.
6. Evaluation to be done based on the active participation of the student and grade could be awarded by the mentor/faculty member.
7. The final evaluation to be reflected in the grade memo of the student.
8. The Community Service Project should be different from the regular programmes of NSS/NCC/Green Corps/Red Ribbon Club, etc.
9. Minor project report should be submitted by each student. An internal Viva shall also be conducted by a committee constituted by the principal of the college.
10. Award of marks shall be made as per the guidelines of Internship/apprentice/ on the job training

### *Procedure*



1. A group of students or even a single student could be assigned for a particular habitation or village or municipal ward, as far as possible, in the near vicinity of their place of stay, so as to enable them to commute from their residence and return back by evening or so.
2. The Community Service Project is a twofold one –
  - a) First, the student/s could conduct a survey of the habitation, if necessary, in terms of their own domain or subject area. Or it can even be a general survey, incorporating all the different areas. A common survey format could be designed. This should not be viewed as a duplication of work by the Village or Ward volunteers, rather, it could be another primary source of data.
  - b) Secondly, the student/s could take up a social activity, concerning their domain or subject area. The different areas, could be like –
    - Agriculture
    - Health
    - Marketing and Cooperation
    - Animal Husbandry
    - Horticulture
    - Fisheries
    - Sericulture
    - Revenue and Survey
    - Natural Disaster Management
    - Irrigation
    - Law & Order
    - Excise and Prohibition
    - Mines and Geology
    - Energy
    - Internet
    - Free Electricity
    - Drinking Water

### ***EXPECTED OUTCOMES***

#### **BENEFITS OF COMMUNITY SERVICE PROJECT TO STUDENTS**

##### ***Learning Outcomes***

1. Positive impact on students' academic learning
2. Improves students' ability to apply what they have learned in "the real world"
3. Positive impact on academic outcomes such as demonstrated complexity of understanding, problem analysis, problem-solving, critical thinking, and cognitive development
4. Improved ability to understand complexity and ambiguity

##### ***Personal Outcomes***

1. Greater sense of personal efficacy, personal identity, spiritual growth, and moral development
2. Greater interpersonal development, particularly the ability to work well with others, and build leadership and communication skills

##### ***Social Outcomes***

1. Reduced stereotypes and greater inter-cultural understanding
2. Improved social responsibility and citizenship skills
3. Greater involvement in community service after graduation

##### ***Career Development***

1. Connections with professionals and community members for learning and career opportunities

2. Greater academic learning, leadership skills, and personal efficacy can lead to greater opportunity

#### ***Relationship with the Institution***

1. Stronger relationships with faculty
2. Greater satisfaction with college
3. Improved graduation rates

#### ***BENEFITS OF COMMUNITY SERVICE PROJECT TO FACULTY MEMBERS***

1. Satisfaction with the quality of student learning
2. New avenues for research and publication via new relationships between faculty and community
3. Providing networking opportunities with engaged faculty in other disciplines or institutions
4. A stronger commitment to one's research

#### ***BENEFITS OF COMMUNITY SERVICE PROJECT TO COLLEGES AND UNIVERSITIES***

1. Improved institutional commitment
2. Improved student retention
3. Enhanced community relations

#### ***BENEFITS OF COMMUNITY SERVICE PROJECT TO COMMUNITY***

1. Satisfaction with student participation
2. Valuable human resources needed to achieve community goals
3. New energy, enthusiasm and perspectives applied to community work
4. Enhanced community-university relations.

#### **SUGGESTIVE LIST OF PROGRAMMES UNDER COMMUNITY SERVICE PROJECT**

The following is the recommended list of projects for Engineering students. The lists are not exhaustive and open for additions, deletions and modifications. Colleges are expected to focus on specific local issues for this kind of projects. The students are expected to carry out these projects with involvement, commitment, responsibility and accountability. The mentors of a group of students should take the responsibility of motivating, facilitating, and guiding the students. They have to interact with local leadership and people and appraise the objectives and benefits of this kind of projects. The project reports shall be placed in the college website for reference. Systematic, Factual, methodical and honest reporting shall be ensured.

#### ***For Engineering Students***

1. Water facilities and drinking water availability
2. Health and hygiene
3. Stress levels and coping mechanisms
4. Health intervention programmes
5. Horticulture
6. Herbal plants
7. Botanical survey
8. Zoological survey
9. Marine products
10. Aqua culture
11. Inland fisheries
12. Animals and species
13. Nutrition
14. Traditional health care methods
15. Food habits
16. Air pollution
17. Water pollution
18. Plantation
19. Soil protection

20. Renewable energy
21. Plant diseases
22. Yoga awareness and practice
23. Health care awareness programmes and their impact
24. Use of chemicals on fruits and vegetables
25. Organic farming
26. Crop rotation
27. Floury culture
28. Access to safe drinking water
29. Geographical survey
30. Geological survey
31. Sericulture
32. Study of species
33. Food adulteration
34. Incidence of Diabetes and other chronic diseases
35. Human genetics
36. Blood groups and blood levels
37. Internet Usage in Villages
38. Android Phone usage by different people
39. Utilization of free electricity to farmers and related issues
40. Gender ration in schooling level- observation.

***Complimenting the community service project, the students may be involved to take up some awareness campaigns on social issues/special groups. The suggested list of programmes are;***

**Programmes for School Children**

1. Reading Skill Programme (Reading Competition)
2. Preparation of Study Materials for the next class.
3. Personality / Leadership Development
4. Career Guidance for X class students
5. Screening Documentary and other educational films
6. Awareness Programme on Good Touch and Bad Touch (Sexual abuse)
7. Awareness Programme on Socially relevant themes.

***Programmes for Women Empowerment***

1. Government Guidelines and Policy Guidelines
2. Womens' Rights
3. Domestic Violence
4. Prevention and Control of Cancer
5. Promotion of Social Entrepreneurship

***General Camps***

1. General Medical camps
2. Eye Camps
3. Dental Camps
4. Importance of protected drinking water
5. ODF awareness camp
6. Swatch Bharat
7. AIDS awareness camp
8. Anti Plastic Awareness
9. Programmes on Environment
10. Health and Hygiene
11. Hand wash programmes
12. Commemoration and Celebration of important days

***Programmes for Youth Empowerment***

1. Leadership
2. Anti-alcoholism and Drug addiction
3. Anti-tobacco
4. Awareness on Competitive Examinations
5. Personality Development

***Common Programmes***

1. Awareness on RTI
2. Health intervention programmes
3. Yoga
4. Tree plantation
5. Programmes in consonance with the Govt. Departments like –
  - i. Agriculture
  - ii. Health
  - iii. Marketing and Cooperation
  - iv. Animal Husbandry
  - v. Horticulture
  - vi. Fisheries
  - vii. Sericulture
  - viii. Revenue and Survey
  - ix. Natural Disaster Management
  - x. Irrigation
  - xi. Law & Order
  - xii. Excise and Prohibition
  - xiii. Mines and Geology
  - xiv. Energy

***Role of Students:***

1. Students may not have the expertise to conduct all the programmes on their own. The students then can play a facilitator role.
2. For conducting special camps like Health related, they will be coordinating with the Governmental agencies.
3. As and when required the College faculty themselves act as Resource Persons.
4. Students can work in close association with Non-Governmental Organizations like Lions Club, Rotary Club, etc or with any NGO actively working in that habitation.
5. And also, with the Governmental Departments. If the programme is rolled out, the District Administration could be roped in for the successful deployment of the programme.
6. An in-house training and induction programme could be arranged for the faculty and participating students, to expose them to the methodology of Service Learning.

***Timeline for the Community Service Project Activity***

**Duration: 8 weeks**

**1. Preliminary Survey (One Week)**

- a) A preliminary survey including the socio-economic conditions of the allotted habitation to be conducted.
- b) A survey form based on the type of habitation to be prepared before visiting the habitation with the help of social sciences faculty. (However, a template could be designed for different habitations, rural/urban.
- c) The Governmental agencies, like revenue administration, corporation and municipal authorities and village secretariats could be aligned for the survey.

**2. Community Awareness Campaigns (Two Weeks)**

Based on the survey and the specific requirements of the habitation, different awareness campaigns and programmes to be conducted, spread over two weeks of time. The list of activities suggested could be taken into consideration.

**3. *Community Immersion Programme (Four Weeks)***

**Along with the Community Awareness Programmes**, the student batch can also work with any one of the below listed governmental agencies and work in tandem with them. This community involvement programme will involve the students in exposing themselves to the experiential learning about the community and its dynamics. Programmes could be in consonance with the Govt. Departments.

**4. *Community Exit Report (One Week)***

During the last week of the Community Service Project, a detailed report of the outcome of the 8 weeks works to be drafted and a copy shall be submitted to the local administration. This report will be a basis for the next batch of students visiting that particular habitation. The same report submitted to the teacher-mentor will be evaluated by the mentor and suitable marks are awarded for onward submission to the University. Throughout the Community Service Project, a daily log-book need to be maintained by the students batch, which should be countersigned by the governmental agency representative and the teacher-mentor, who is required to periodically visit the students and guide them.



**MALPRACTICES RULES**  
**DISCIPLINARY ACTION FOR / IMPROPER CONDUCT IN EXAMINATIONS**

	<b>Nature of Malpractices/Improper conduct</b>	<b>Punishment</b>
	<i>If the candidate:</i>	
1. (a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which can be used as an aid in the subject of the examination)	Expulsion from the examination hall and cancellation of the performance in that subject only.
(b)	Gives assistance or guidance or receives it from any other candidate orally or by any other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the candidates involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject of the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that Semester/year. The Hall Ticket of the candidate is to be cancelled and sent to the University.
3.	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred and forfeits the seat. The performance of the original candidate who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.
4.	Smuggles in the Answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the examination.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
5.	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	Cancellation of the performance in that subject.
6.	Refuses to obey the orders of the Chief Superintendent/Assistant – Superintendent / any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the officer-in-charge, or any person on duty in or outside the examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the College campus or engages in any	In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the candidate(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. The candidates also are debarred and forfeit their seats. In case of outsiders, they will be handed over to the police and a police case is registered against them.

	other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination.	
7.	Leaves the exam hall taking away answer script or intentionally tears the script or any part thereof inside or outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
8.	Possess any lethal weapon or firearm in the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.
9.	If student of the college, who is not a candidate for the particular examination or any person not connected with the college indulges in any malpractice or improper conduct mentioned in clause 6 to 8.	Student of the colleges expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.  Person(s) who do not belong to the College will be handed over to police and, a police case will be registered against them.
10.	Comes in a drunken condition to the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year.
11.	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny.	Cancellation of the performance in that subject and all other subjects the candidate has appeared including practical examinations and project work of that semester/year examinations.
12.	If any malpractice is detected which is not covered in the above clauses 1 to 11 shall be reported to the University for further action and impose suitable punishment.	

#### Malpractices identified by squad or special invigilators

1. Punishments to the candidates as per the above guidelines.
2. Punishment for institutions: (if the squad reports that the college is also involved in encouraging malpractices)
  - (i) A show because notice shall be issued to the college.
  - (ii) Impose a suitable fine on the college.
  - (iii) Shifting the examination centre from the college to another college for a specific period of not less than one year.

\* \* \* \* \*








# Ragging

## Prohibition of ragging in educational institutions Act 26 of 1997

### Salient Features

- Ragging within or outside any educational institution is prohibited.
- Ragging means doing an act which causes or is likely to cause Insult or Annoyance of Fear or Apprehension or Threat or Intimidation or outrage of modesty or Injury to a student.

	Imprisonment upto		Fine Upto
Teasing, Embarrassing and Humiliation	 6 Months	+	Rs. 1,000/-
Assaulting or Using Criminal force or Criminal intimidation	 1 Year	+	Rs. 2,000/-
Wrongfully restraining or confining or causing	 2 Years	+	Rs. 5,000/-
Causing grievous hurt, kidnapping or Abducts or rape or committing unnatural offence	 5 Years	+	Rs. 10,000/-
Causing death or abetting suicide	 10 Months	+	Rs. 50,000/-

In Case of Emergency CALL TOLL FREE NO. : 1800 - 425 - 1288

LET US MAKE JNTUK A RAGGING FREE UNIVERSITY



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA**  
KAKINADA - 533 003, Andhra Pradesh, India  
For Constituent Colleges and Affiliated Colleges of JNTUK



# Ragging

## ABSOLUTELY NO TO RAGGING

- 1. Ragging is prohibited as per Act 26 of A.P. Legislative Assembly, 1997.**
- 2. Ragging entails heavy fines and/or imprisonment.**
- 3. Ragging invokes suspension and dismissal from the College.**
- 4. Outsiders are prohibited from entering the College and Hostel without permission.**
- 5. Girl students must be in their hostel rooms by 7.00 p.m.**
- 6. All the students must carry their Identity Cards and show them when demanded**
- 7. The Principal and the Wardens may visit the Hostels and inspect the rooms any time.**



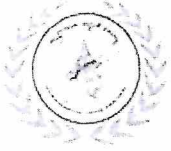
**Jawaharlal Nehru Technological University Kakinada**  
For Constituent Colleges and Affiliated Colleges of JNTUK

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**LET US MAKE JNTUK A RAGGING FREE UNIVERSITY**



# VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY



(Sponsored by SARASWATHI VIDYA PEETAM)  
 (Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)  
 Certified by ISO 9001:2015:: Accredited by NAAC with 'B+' Grade,  
 NUNNA-521212, Vijayawada Rural, N.T.R Dt., A.P. India.  
 Phone: 0866-2469201 Fax: 0866-2469203



E-mail-principal.vcet@gmail.com, Website: <http://www.vikasinstitutionsnunna.org/>

## Students Feedback on Curriculum

Date of Feedback:		15/05/2023			
Name of the Student		M. Siva Kumar			
Course	Diploma	B.Tech ✓	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-2023
Regd No	19NQ1A0433	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.	✓			
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

M. Siva Sankar  
 Signature

# VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY

(Sponsored by SARASWATHI VIDYA PEETAM)

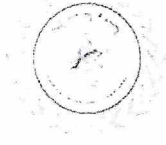
(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

Certified by ISO 9001:2015; Accredited by NAAC with 'B+' Grade.

SVNSA-521212, Vijayawada Rural, N.T.R Dt., A.P. India.

Phone: 0866-2469201 Fax: 0866-2469203

E-mail-principal.vcet@gmail.com, Website: <http://www.vikas-institutionsn.unnaa.org/>



## Students Feedback on Curriculum

Date of Feedback:		15/05/2023			
Name of the Student		Mohammed osman			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			2022-2023
Regd No	19NQ1A0434	Branch / Specialization		ECE	

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**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	<input checked="" type="checkbox"/>			
2	Syllabus is need based.		<input checked="" type="checkbox"/>		
3	Aims and Objectives of the syllabus are well defined and clear to all students.		<input checked="" type="checkbox"/>		
4	Course content is followed by prescribed text/reference materials.	<input checked="" type="checkbox"/>			
5	Sufficient numbers of prescribed books are available in the library.	<input checked="" type="checkbox"/>			
6	The course/syllabus has good balance between theory and practical's/application.	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
7	The course/syllabus has made me interested in the subject area.		<input checked="" type="checkbox"/>		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		<input checked="" type="checkbox"/>		
9	The course/program of studies carries sufficient number of optional papers.	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

Any suggestions:

Mohammed osman  
Signature



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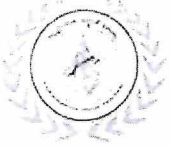
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Phone: 0866-2469201 Fax: 0866-2469203

E-mail-principal.vcet@gmail.com, Website: <http://www.vikasinstitutionm.unna.org/>



## Students Feedback on Curriculum

Date of Feedback:		15-05-2023			
Name of the Student		M. Nireekshana			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-2023
Regd No	19NQ1A0435	Branch / Specialization			

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

M. Nireekshana

Signature

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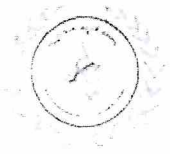
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Phone: 0866-2469201 Fax: 0866-2469203

E-mail: principal.vcet@gmail.com, Website: http://www.vikasinstitutionssvnna.org/



## Students Feedback on Curriculum

Date of Feedback:		15/5/23			
Name of the Student		Naganaboina, Srva Kusuma.			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>					2022-2023
Regd No	19N091A0436		Branch / Specialization		ECE

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

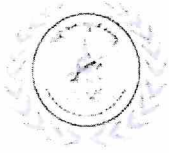
S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course		•	✓	
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓		✓	
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.	✓	•		
6	The course/syllabus has good balance between theory and practical's/application.	✓			✓
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓	•		
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

N. Srva Kusuma  
Signature



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 Phone: 0866-2469201 Fax: 0866-2469203



E-mail-principal.vcet@gmail.com, Website: http://www.vikas institutionsunna.org/

## Students Feedback on Curriculum

Date of Feedback:		15-05-2023			
Name of the Student		N. Naga jyothi			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-2023
Regd No	19NRI A0437	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

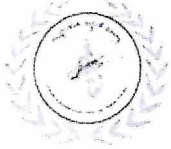
\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

N. Naga Jyothi.  
Signature

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E-mail-principal.vcet@gmail.com, Website: <http://www.vikasinstitutionsnunna.org/>

## Students Feedback on Curriculum

Date of Feedback:		15-5-2023			
Name of the Student		N. Ravallika			
Course	Diploma	B.Tech ✓	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-2023
Regd No	19M01A0438	Branch / Specialization		E.CE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

Signature  
 N. Ravallika



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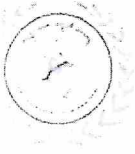
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E-mail: principal.vcet@gmail.com, Website: <http://www.vikasinstitutionssunna.org/>



## Students Feedback on Curriculum

Date of Feedback:		15/5/2023			
Name of the Student		N. Anusha			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-2023
Regd No	19NB1A0039	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.	✓			
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

N. Anusha.  
Signature



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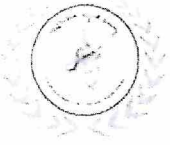
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## Students Feedback on Curriculum

<b>Date of Feedback:</b>		15-5-2023			
<b>Name of the Student</b>		OGIRALA SIVA PARVATHI			
<b>Course</b>	<b>Diploma</b>	<b>B.Tech</b>	<b>M.Tech</b>	<b>MBA</b>	<b>A. Y</b>
<input checked="" type="checkbox"/>		✓			2022-23
<b>Regd No</b>	19NB1A0440	<b>Branch / Specialization</b>		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.	✓	X		
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

O. Siva Parvathi  
Signature

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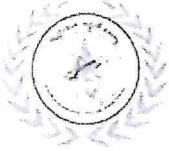
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E-mail: principal.vcet@gmail.com, Website: <http://www.vikasinstitutionsnunna.org/>



## Students Feedback on Curriculum

Date of Feedback:	15-05-2023				
Name of the Student	PADHILAM .SATEESH . BABU				
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-23
Regd No	19NQ1A0441	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓	•		
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.		✓		
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.	✓	•		
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓	•		
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

P. sateesh Babu  
Signature



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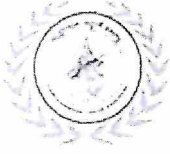
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E-mail-principal.vcet-a@gmail.com, Website: http://www.vikasinstitutionsnunna.org/



## Students Feedback on Curriculum

Date of Feedback:		15/05/2023			
Name of the Student		P. Ramya Teja			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			2022-23
Regd No	19NQ1A0442	Branch / Specialization		E.E.E	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	<input checked="" type="checkbox"/>			
2	Syllabus is need based.	<input checked="" type="checkbox"/>			
3	Aims and Objectives of the syllabus are well defined and clear to all students.	<input checked="" type="checkbox"/>			
4	Course content is followed by prescribed text/reference materials.	<input checked="" type="checkbox"/>			
5	Sufficient numbers of prescribed books are available in the library.	<input checked="" type="checkbox"/>			
6	The course/syllabus has good balance between theory and practical's/application.		<input checked="" type="checkbox"/>		
7	The course/syllabus has made me interested in the subject area.	<input checked="" type="checkbox"/>			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		<input checked="" type="checkbox"/>		
9	The course/program of studies carries sufficient number of optional papers.	<input checked="" type="checkbox"/>			

Any suggestions:

P. Ramya Teja  
Signature

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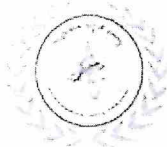
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Phone: 0866-2469201 Fax: 0866-2469203

E-mail: principal,vcet@gmail.com, Website: <http://www.vikasinstitutionsnucna.org/>



## Students Feedback on Curriculum

Date of Feedback:		15/5/23			
Name of the Student		PODILA ANITHA			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-2023
Regd No	19NQA0444	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

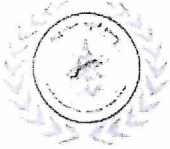
S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓	•		
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's/application.	✓	•		
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.	✓	•		

Any suggestions:

P. Anitha  
Signature



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Phone: 0866-2469201 Fax: 0866-2469203



E-mail: principal.vcet@gmail.com, Website: <http://www.vikasinstitutionsnumma.org/>

## Students Feedback on Curriculum

Date of Feedback:		15/05/23			
Name of the Student		P. Vijaya Kumari			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-23
Regd No	19NDA0445	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓	•		
2	Syllabus is need based.	✓			
3	Aims and Objectives of the syllabus are well defined and clear to all students.		✓		
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.	✓	•		
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓	•		
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

P. Vijaya Kumari  
Signature



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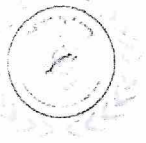
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E-mail-principal.vcet@gmail.com, Website: http://www.vikasinstitutionssnna.org/



## Students Feedback on Curriculum

Date of Feedback:		15-5-23			
Name of the Student		POTTEPAGU Pavan Kumar			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-23
Regd No	19N01A0446	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.	✓			
3	Aims and Objectives of the syllabus are well defined and clear to all students.		✓		
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

P. Pavan Kumar  
Signature

# VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY

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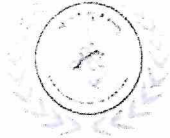
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Phone: 0866-2469201 Fax: 0866-2469203

E-mail-principal.vcet@gmail.com, Website: <http://www.vikasinstitutionssunna.org/>



## Students Feedback on Curriculum

Date of Feedback:		15/05/2023			
Name of the Student		PURETI ABHISHEK			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-23
Regd No	19N01A0447	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

*Arund*  
Signature



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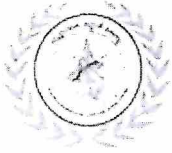
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E-mail-principal.vcet@gmail.com, Website: http://www.vikas institutionsnunna.org/



## Students Feedback on Curriculum

Date of Feedback:		15/5/23			
Name of the Student		S. Uma Devi			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-23
Regd No	19NQ1A0448	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

S. Uma Devi  
Signature

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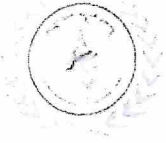
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E-mail-principal,vcet@gmail.com, Website: http://www.vikasinstitutionsnunna.org/



## Students Feedback on Curriculum

Date of Feedback:		15-5-2023			
Name of the Student		setti vijay kumar			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>					2022-2023
Regd No	19N01AD449	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

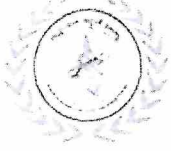
\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's application.		✓		
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

S. Vijay Kumar  
Signature





### Students Feedback on Curriculum

Date of Feedback:		15/5/2025			
Name of the Student		S. Jaswanth			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-2023
Regd No	19NA1A0451		Branch / Specialization		ECE

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.		✓		
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

S. Jaswanth  
Signature



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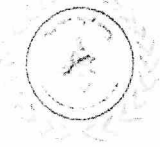
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E-mail: principal.vcet@gmail.com, Website: <http://www.vikasinstitutionsnumma.org/>



## Students Feedback on Curriculum

Date of Feedback:		15/5/23			
Name of the Student		S. Southi Bai			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			
Regd No	19NQA0452	Branch / Specialization		2022-23	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

S. Southi Bai

Signature

# VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY

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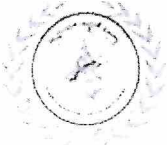
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E-mail: principal.vcet@gmail.com, Website: <http://www.vikas-institutionsnunna.org/>



## Students Feedback on Curriculum

Date of Feedback:		15-5-2023			
Name of the Student		TAMMA. MOONIKA			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-23
Regd No	19N81A0454	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.		✓		
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

T. Moonika  
Signature



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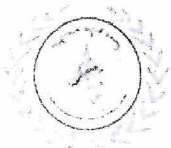
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E-mail: principal.vcet a gmail.com, Website: http://www.vikasinstitutionsnunna.org/



## Students Feedback on Curriculum

Date of Feedback:		15-05-2023			
Name of the Student		T. Harsha vardhan singh			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			
Regd No	19NQ1A0455	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

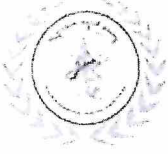
**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓	•		
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.	✓	•		
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

T. Harshavardhan  
Signature



### Students Feedback on Curriculum

Date of Feedback:		15/5/23			
Name of the Student		T. Anupriya			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-23
Regd No	19NQ1A0453	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓	•		
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.	✓	•		
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.	✓	•		

Any suggestions:

Signature



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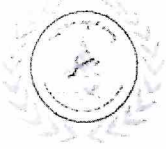
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E-mail: principal.vcet@gmail.com, Website: <http://www.vikasinstitutionssnunna.org/>



## Students Feedback on Curriculum

Date of Feedback:		15-5-2023			
Name of the Student		Vema. Priya sarika			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2022-23
Regd No	19NQ1A0457	Branch / Specialization		ECE	

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**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course		<input checked="" type="checkbox"/>		
2	Syllabus is need based.		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3	Aims and Objectives of the syllabus are well defined and clear to all students.		<input checked="" type="checkbox"/>		
4	Course content is followed by prescribed text/reference materials.			<input checked="" type="checkbox"/>	
5	Sufficient numbers of prescribed books are available in the library.		<input checked="" type="checkbox"/>		
6	The course/syllabus has good balance between theory and practical's/application.	<input checked="" type="checkbox"/>			
7	The course/syllabus has made me interested in the subject area.			<input checked="" type="checkbox"/>	
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
9	The course/program of studies carries sufficient number of optional papers.		<input checked="" type="checkbox"/>		

Any suggestions:

V. priya sarika.  
Signature



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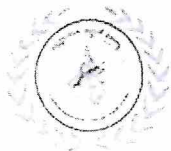
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E-mail: principalvcet@gmail.com, Website: http://www.vikasinstitutionsnunna.org/



## Students Feedback on Curriculum

Date of Feedback:		15/05/2023			
Name of the Student		ANNAVARAPU SRINADH			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022 - 23
Regd No	20N05A0401		Branch / Specialization		ECE

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

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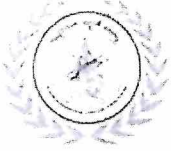
\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

A. Srinadh  
Signature

# VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY



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E-mail-principal.vcet@gmail.com, Website: <http://www.vikasinstitutionnunna.org/>

## Students Feedback on Curriculum

Date of Feedback:		15/5/2023			
Name of the Student		B. Divya Sri			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			2022 - 2023
Regd No	20N05A0403	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

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\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	<input checked="" type="checkbox"/>			
2	Syllabus is need based.		<input checked="" type="checkbox"/>		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	<input checked="" type="checkbox"/>			
4	Course content is followed by prescribed text/reference materials.		<input checked="" type="checkbox"/>		
5	Sufficient numbers of prescribed books are available in the library.	<input checked="" type="checkbox"/>			
6	The course/syllabus has good balance between theory and practical's/application.		<input checked="" type="checkbox"/>		
7	The course/syllabus has made me interested in the subject area.	<input checked="" type="checkbox"/>			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		<input checked="" type="checkbox"/>		
9	The course/program of studies carries sufficient number of optional papers.	<input checked="" type="checkbox"/>			

Any suggestions:

B. Divya Sri  
Signature



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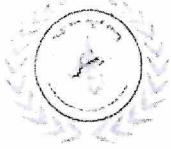
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E-mail-principal.vcet@gmail.com, Website: http://www.vikas institutionsnunna.org/



## Students Feedback on Curriculum

Date of Feedback:		15-05-2023			
Name of the Student		Koppula, Keerthisri			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-2023
Regd No	20NQ5A0406	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

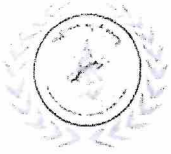
\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓	•		
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.	•	✓		
5	Sufficient numbers of prescribed books are available in the library.		• ✓		
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓	•		
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

K. Keerthisri  
Signature

# VIKAS COLLEGE OF ENGINEERING AND TECHNOLOGY



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E-mail-principal.vcet@gmail.com, Website: <http://www.vikasinstitutionsnunna.org/>

## Students Feedback on Curriculum

Date of Feedback:		15/5/23			
Name of the Student		Kobikalapudi naga ramesh			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			2022-2023
Regd No	20N05A0407	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	<input checked="" type="checkbox"/>			
2	Syllabus is need based.	<input checked="" type="checkbox"/>			
3	Aims and Objectives of the syllabus are well defined and clear to all students.		<input checked="" type="checkbox"/>		
4	Course content is followed by prescribed text/reference materials.	<input checked="" type="checkbox"/>			
5	Sufficient numbers of prescribed books are available in the library.	<input checked="" type="checkbox"/>			
6	The course/syllabus has good balance between theory and practical's/application.		<input checked="" type="checkbox"/>		
7	The course/syllabus has made me interested in the subject area.	<input checked="" type="checkbox"/>			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	<input checked="" type="checkbox"/>			
9	The course/program of studies carries sufficient number of optional papers.	<input checked="" type="checkbox"/>			

Any suggestions:

K. naga Ramesh  
Signature



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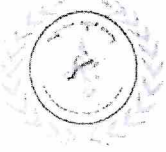
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## Students Feedback on Curriculum

Date of Feedback:		15/5/2023			
Name of the Student		Singaramo. Mallika.			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-23
Regd No	19NQ1A0450	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.		✓		
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

  
Signature



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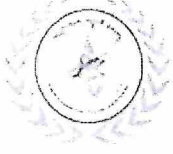
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## Students Feedback on Curriculum

Date of Feedback:		15-05-2023			
Name of the Student		K. Chenna Rao			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>					2022/2023
Regd No	20NA5A0408		Branch / Specialization		ECE

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓	•		
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.				
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

K. Chenna Rao  
Signature

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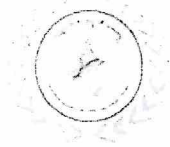
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## Students Feedback on Curriculum

Date of Feedback:		15/5/23.			
Name of the Student		SATTI. SHANMUKHA DURGA REDDY.			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			22-23.
Regd No	20NQ5A0409.	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

S.S Durga Reddy.  
Signature



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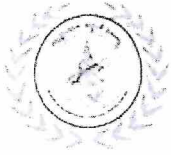
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## Students Feedback on Curriculum

Date of Feedback:	15/5/23				
Name of the Student	Uddanti Jayasree				
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>					2022-2023
Regd No	201205A041		Branch / Specialization		ECE

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	/			
2	Syllabus is need based.		/		
3	Aims and Objectives of the syllabus are well defined and clear to all students.			/	
4	Course content is followed by prescribed text/reference materials.	/			
5	Sufficient numbers of prescribed books are available in the library.		/		
6	The course/syllabus has good balance between theory and practical's/application.	/			
7	The course/syllabus has made me interested in the subject area.		/		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	/			
9	The course/program of studies carries sufficient number of optional papers.		/		

Any suggestions:

U. Jayasree  
Signature

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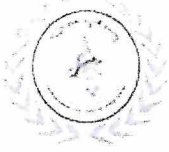
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## Students Feedback on Curriculum

Date of Feedback:	27/4/23				
Name of the Student	A. vamsi				
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>					2022-2023
Regd No	19NQ1A0402		Branch / Specialization		ECE

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.			✓	
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.				✓
6	The course/syllabus has good balance between theory and practical's/application.	✓		✓	
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.				✓

Any suggestions:

A. vamsi

Signature



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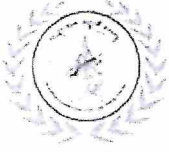
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## Students Feedback on Curriculum

Date of Feedback:		27-04-2023			
Name of the Student		BANDI SANDHYA			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-2023
Regd No	19NQ1A0404	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.	✓			
3	Aims and Objectives of the syllabus are well defined and clear to all students.		✓		
4	Course content is followed by prescribed text/reference materials.			✓	
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.			✓	
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.			✓	

Any suggestions:

B. Sandhya  
Signature



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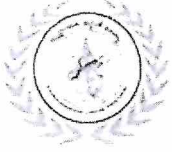
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## Students Feedback on Curriculum

Date of Feedback:		27/4/23			
Name of the Student		Battula, Kaveri			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-23
Regd No	19NQ1A0405		Branch / Specialization		ECE

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.	✓			
3	Aims and Objectives of the syllabus are well defined and clear to all students.		✓		
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

B. Kaveri

Signature

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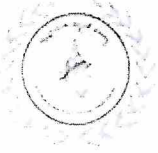
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## Students Feedback on Curriculum

Date of Feedback:		29/4/23			
Name of the Student		C. Siva gopala Krishna.			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>					2020-2023.
Regd No	19N81A0406	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

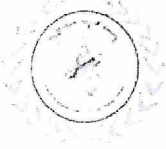
\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓	•		
4	Course content is followed by prescribed text/reference materials.			✓	
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.			✓	
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

C. Siva gopal Krishna  
Signature





## Students Feedback on Curriculum

<b>Date of Feedback:</b>		27/4/23			
<b>Name of the Student</b>		Chavala Venkanna babu			
<b>Course</b>	<b>Diploma</b>	<b>B.Tech</b>	<b>M.Tech</b>	<b>MBA</b>	<b>A. Y</b>
<input checked="" type="checkbox"/>		✓			2022-23
<b>Regd No</b>	19NA1A0467		<b>Branch / Specialization</b>		ECE

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

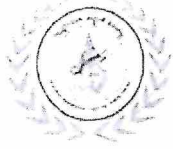
\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.				✓
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.			✓	
6	The course/syllabus has good balance between theory and practical's application.	✓			
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

• Ch. Venkanna Babu  
Signature

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## Students Feedback on Curriculum

<b>Date of Feedback:</b>		27/04/2023.			
<b>Name of the Student</b>					
<b>Course</b>	<b>Diploma</b>	<b>B.Tech</b>	<b>M.Tech</b>	<b>MBA</b>	<b>A. Y</b>
<input checked="" type="checkbox"/>					22-23
<b>Regd No</b>	19NQ1A0408		<b>Branch / Specialization</b>		ECE.

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

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S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.			✓	
4	Course content is followed by prescribed text/reference materials.				✓
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

*D. Madhuri*  
Signature



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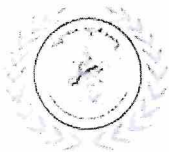
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E-mail-principal.vcet@gmail.com, Website: http://www.vikasinstitutionnunna.org/



## Students Feedback on Curriculum

Date of Feedback:		15-5-2023			
Name of the Student		G. KRISHNA VAMSI			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>					2022-23
Regd No	19N01A0409	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.			✓	
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.			✓	
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

G. KRISHNA VAMSI  
Signature



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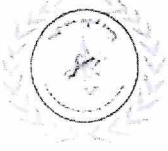
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## Students Feedback on Curriculum

Date of Feedback:		15-05-2023			
Name of the Student		G. Saroja			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			22-23
Regd No	19NQ1A0410	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course		✓		
2	Syllabus is need based.	✓			
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

G. Saroja  
Signature

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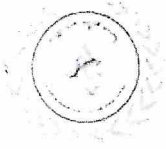
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## Students Feedback on Curriculum

Date of Feedback:		15-05-2023			
Name of the Student		G. Prasuna			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022 - 2023
Regd No	19NQ1A0411	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course		✓		
2	Syllabus is need based.	✓			
3	Aims and Objectives of the syllabus are well defined and clear to all students.		✓		
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

G. Prasuna  
Signature



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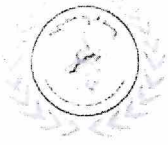
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E-mail-principal.vcet@gmail.com, Website: <http://www.vikasinstitutionssunna.org/>



## Students Feedback on Curriculum

Date of Feedback:		17/5/2023			
Name of the Student		K. Manga Lakshmi			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			
Regd No	19 NQ1A0413	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

K. Manga Lakshmi

Signature

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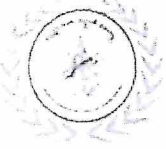
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## Students Feedback on Curriculum

Date of Feedback:		15/09/2023			
Name of the Student		Komperla, Praveen			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			2022-2023
Regd No	19NQ1ADU34	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	<input checked="" type="checkbox"/>			
2	Syllabus is need based.		<input checked="" type="checkbox"/>		
3	Aims and Objectives of the syllabus are well defined and clear to all students.		<input checked="" type="checkbox"/>		
4	Course content is followed by prescribed text/reference materials.	<input checked="" type="checkbox"/>			
5	Sufficient numbers of prescribed books are available in the library.		<input checked="" type="checkbox"/>		
6	The course/syllabus has good balance between theory and practical's/application.		<input checked="" type="checkbox"/>		
7	The course/syllabus has made me interested in the subject area.	<input checked="" type="checkbox"/>			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		<input checked="" type="checkbox"/>		
9	The course/program of studies carries sufficient number of optional papers.		<input checked="" type="checkbox"/>		

Any suggestions:

K. Praveen  
Signature



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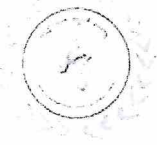
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E-mail: principal.vcet@gmail.com, Website: http://www.vikasinstitutionsunnaa.org/



## Students Feedback on Curriculum

Date of Feedback:		15-05-2023			
Name of the Student		K. Naveen babu.			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			
Regd No	19NO1A0017	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.	✓			
3	Aims and Objectives of the syllabus are well defined and clear to all students.		✓		
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

K. Naveen babu.

Signature



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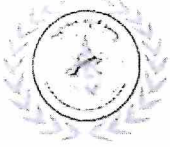
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E-mail: principal.vcet@gmail.com, Website: <http://www.vikasinstitutionsnunna.org/>



## Students Feedback on Curriculum

Date of Feedback:		15-05-2023			
Name of the Student		KANIKIPATI SOWJANYA			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			2022-2023
Regd No	19NA/A0418	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

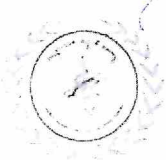
**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course		<input checked="" type="checkbox"/>		
2	Syllabus is need based.		<input checked="" type="checkbox"/>		
3	Aims and Objectives of the syllabus are well defined and clear to all students.		<input checked="" type="checkbox"/>		
4	Course content is followed by prescribed text/reference materials.		<input checked="" type="checkbox"/>		
5	Sufficient numbers of prescribed books are available in the library.		<input checked="" type="checkbox"/>		
6	The course/syllabus has good balance between theory and practical's/application.		<input checked="" type="checkbox"/>		
7	The course/syllabus has made me interested in the subject area.		<input checked="" type="checkbox"/>		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		<input checked="" type="checkbox"/>		
9	The course/program of studies carries sufficient number of optional papers.		<input checked="" type="checkbox"/>		

Any suggestions:

*K. Sowjanya*  
Signature



## Students Feedback on Curriculum

Date of Feedback:		15/05/2023			
Name of the Student		Keshav SURAJ			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			
Regd No	19NQ1A0419	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

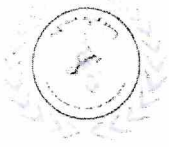
**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.			✓	

Any suggestions:

*K. Suraj*  
Signature



## Students Feedback on Curriculum

Date of Feedback:		15-05-2023			
Name of the Student		KOKKERADDA RAKESH.			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-2023
Regd No	19NQ1A0420.		Branch / Specialization		ECE

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

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S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.	✓			

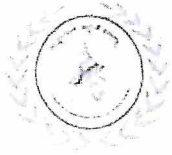
Any suggestions:

K. Rakesh.  
Signature



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 E-mail-principal.vcet@gmail.com, Website: http://www.vikas institutionsnunnna.org/



## Students Feedback on Curriculum

Date of Feedback:		15/05/2023			
Name of the Student		KOMATI, YAMUNNI			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			22-23
Regd No	19NS1A0421		Branch / Specialization		

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

K.V  
Sign

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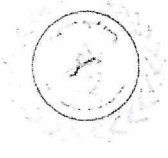
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E-mail: principal.vcet@gmail.com, Website: <http://www.vikasinstitutionnumna.org/>



## Students Feedback on Curriculum

Date of Feedback:		15/5/2023			
Name of the Student		Kona Lokesh			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-23
Regd No	19NA1A0422		Branch / Specialization		ECE

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

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\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.	✓			
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.		✓		
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

K. Lokesh  
Signature



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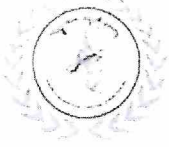
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## Students Feedback on Curriculum

Date of Feedback:		15-05-2023			
Name of the Student		KONALA KRANTHI KIRAN			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-23
Regd No	19ND140423	Branch / Specialization		E.C.E	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

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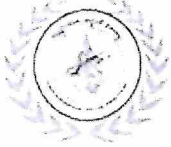
\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.		•	✓	
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓	•		
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

K. Kranthi Kiran  
Signature

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 Phone: 0866-2469201 Fax: 0866-2469203



E-mail-principal,vcet@gmail.com, Website: http://www.vikas institutionsnunna.org/

## Students Feedback on Curriculum

Date of Feedback:		15-05-2023			
Name of the Student		KOTVATHAM VISMVA TEJA PUNITH			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			22-23
Regd No	19NG1A0424	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

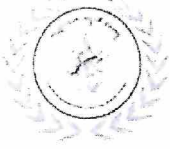
\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	-	✓		
2	Syllabus is need based.	✓			
3	Aims and Objectives of the syllabus are well defined and clear to all students.		✓		
4	Course content is followed by prescribed text/reference materials.	✓	✓		
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

K. V. Punith.  
Signature





## Students Feedback on Curriculum

Date of Feedback:		28-04-2023			
Name of the Student		K. Uday kiran			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-2023
Regd No	19NQ1A0425		Branch / Specialization		FCE

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.	✓			
3	Aims and Objectives of the syllabus are well defined and clear to all students.		✓		
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

Uday Kiran  
Signature

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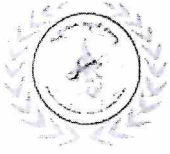
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Phone: 0866-2469201 Fax: 0866-2469203

E-mail: principal.vcet@gmail.com, Website: http://www.vikasinstitutionsnunna.org/



## Students Feedback on Curriculum

Date of Feedback:		28/4/2023			
Name of the Student		K. Pravalika			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-2023
Regd No	19NA1A0426	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓	•		
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.	✓	•		
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

K. Pravalika  
Signature



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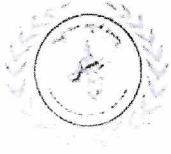
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E-mail-principal.vcet@gmail.com, Website: http://www.vikasinstitutionsmunna.org/



## Students Feedback on Curriculum

Date of Feedback:		28/4/2023			
Name of the Student		L. RAMYA			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			
Regd No	19N91A0427	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course		✓		
2	Syllabus is need based.	✓			
3	Aims and Objectives of the syllabus are well defined and clear to all students.		✓		
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

L. Ramya  
Signature



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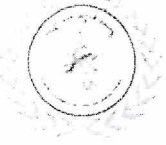
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E-mail-principal.vcet@gmail.com, Website: <http://www.vikasinstitutionnumma.org/>



## Students Feedback on Curriculum

Date of Feedback:		28-4-23			
Name of the Student		M. Pavan Kumar			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-23
Regd No	19NQ1A0428	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

**Directions:** a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

\*Rating Score: Excellent (4), Very Good (3), Good (2), Average (1).

S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course		✓		
2	Syllabus is need based.	✓	•		
3	Aims and Objectives of the syllabus are well defined and clear to all students.		✓		
4	Course content is followed by prescribed text/reference materials.	✓			
5	Sufficient numbers of prescribed books are available in the library.	✓	•		
6	The course/syllabus has good balance between theory and practical's/application.		✓		
7	The course/syllabus has made me interested in the subject area.	✓			
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓	•		
9	The course/program of studies carries sufficient number of optional papers.		✓		

Any suggestions:

Pavan Kumar  
Signature

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E-mail: principal.vcet@gmail.com, Website: <http://www.vikas institutionsnuuna.org/>



## Students Feedback on Curriculum

Date of Feedback:		15-05-2023.			
Name of the Student		Mesapam Sukanya			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		✓			2022-23
Regd No	19NQA0431	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

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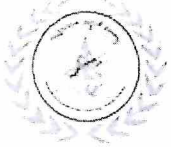
S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course	✓			
2	Syllabus is need based.		✓		
3	Aims and Objectives of the syllabus are well defined and clear to all students.	✓			
4	Course content is followed by prescribed text/reference materials.		✓		
5	Sufficient numbers of prescribed books are available in the library.		✓		
6	The course/syllabus has good balance between theory and practical's/application.	✓			
7	The course/syllabus has made me interested in the subject area.		✓		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	✓			
9	The course/program of studies carries sufficient number of optional papers.	✓			

Any suggestions:

M. Sulcanya  
Signature



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## Students Feedback on Curriculum

Date of Feedback:		15/05/2023			
Name of the Student		Metukumelli Padmini Saradhi			
Course	Diploma	B.Tech	M.Tech	MBA	A. Y
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			2022-23
Regd No	19NQ1A0432	Branch / Specialization		ECE	

This questionnaire is attended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as feedback for quality improvement of the program of studies/institution.

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S.No	Curriculum Parameters	4	3	2	1
1	Syllabus is suitable to the Course		<input checked="" type="checkbox"/>		
2	Syllabus is need based.	<input checked="" type="checkbox"/>			
3	Aims and Objectives of the syllabus are well defined and clear to all students.	<input checked="" type="checkbox"/>			
4	Course content is followed by prescribed text/reference materials.		<input checked="" type="checkbox"/>		
5	Sufficient numbers of prescribed books are available in the library.	<input checked="" type="checkbox"/>			
6	The course/syllabus has good balance between theory and practical's/application.		<input checked="" type="checkbox"/>		
7	The course/syllabus has made me interested in the subject area.		<input checked="" type="checkbox"/>		
8	The course/syllabus of this subject increased my knowledge and perspective in the subject area.	<input checked="" type="checkbox"/>			
9	The course/program of studies carries sufficient number of optional papers.	<input checked="" type="checkbox"/>			

Any suggestions:

M. Padmini Saradhi  
 Signature