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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/AC/I Year/B. Tech/2021-22

Date: 19-11-2021

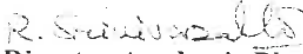
Dr. R. Srinivasa Rao,
Director, Academic Planning
JNTUK, Kakinada

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

Academic Calendar of I Year B. Tech for the Academic Year 2021-22

I SEMESTER			
Description	From	To	Weeks
Commencement of Class Work	22.11.2021		
Induction Classes	22.11.2021	27.11.2021	1W
I Unit of Instruction	29.11.2021	15.01.2022	7W
I Mid Examinations	17.01.2022	22.01.2022	1W
II Unit of Instructions	24.01.2022	12.03.2022	7W
II Mid Examinations	14.03.2022	19.03.2022	1W
Preparation & Practicals	21.03.2022	26.03.2022	1W
End Examinations	28.03.2022	09.04.2022	2W
Commencement of II Semester Class Work	11.04.2022		
II SEMESTER			
I Unit of Instructions	11.04.2022	28.05.2022	7W
I Mid Examinations	30.05.2022	04.06.2022	1W
II Unit of Instructions	06.06.2022	23.07.2022	7W
II Mid Examinations	25.07.2022	30.07.2022	1W
Preparation & Practicals	01.08.2022	06.08.2022	1W
End Examinations	08.08.2022	20.08.2022	2W
Commencement of next Year Class Work	22.08.2022		

Note: Calendar is prepared with 8 hrs/day hence 7 weeks per instruction period


Director Academic Planning
Director
Academic Planning
JNTUK Kakinada

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Copy to Director of Evaluation, JNTUK



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/2021

Date 25.09.2021

Dr. R. Srinivasa Rao,
Director, Academic Planning
JNTUK, Kakinada

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

Academic Calendar for II - B. Tech
Academic year 2021-22

I SEMESTER			
Description	From	To	Weeks
Commencement of Class Work	01.10.2021		
I Unit of Instruction	01.10.2021	20.11.2021	7W
I Mid Examinations	22.11.2021	27.11.2021	1W
II Unit of Instructions	29.11.2021	15.01.2022	7W
II Mid Examinations	17.01.2022	22.01.2022	1W
Preparation & Practicals	24.01.2022	29.01.2022	1W
End Examinations	31.01.2022	12.02.2022	2W
Commencement of II Semester Class Work	14.02.2022		
II SEMESTER			
I Unit of Instructions	14.02.2022	02.04.2022	7W
I Mid Examinations	04.04.2022	09.04.2022	1W
II Unit of Instructions	11.04.2022	28.05.2022	7W
II Mid Examinations	30.05.2022	04.06.2022	1W
Preparation & Practicals	06.06.2022	11.06.2022	1W
End Examinations	13.06.2022	25.06.2022	2W
Commencement of next Year Class Work			
Note: Calendar is prepared with 8 hrs/day hence 7 weeks per instruction period			

R. Srinivasulu
Director Academic Planning
Director
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KAKINADA-533003, Andhra Pradesh, INDIA
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Lr. No. DAP/AC/III Year /B. Tech-B. Pharmacy/2021

Date 28.08.2021

Dr. R. Srinivasa Rao,
Director, Academic Planning
JNTUK, Kakinada

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

Academic Calendar for III - B. Tech & B. Pharmacy
Academic year 2021-22

I SEMESTER			
Description	From	To	Weeks
Commencement of Class Work	15.09.2021		
I Unit of Instruction	15.09.2021	30.10.2021	7W
I Mid Examinations	01.11.2021	06.11.2021	1W
II Unit of Instructions	08.11.2021	25.12.2021	7W
II Mid Examinations	27.12.2021	01.01.2022	1W
Preparation & Practicals	03.01.2022	08.01.2022	1W
End Examinations	10.01.2022	22.01.2022	2W
Commencement of II Semester Class Work	31.01.2022		
II SEMESTER			
I Unit of Instructions	31.01.2022	19.03.2022	7W
I Mid Examinations	21.03.2022	26.03.2022	1W
II Unit of Instructions	28.03.2022	14.05.2022	7W
II Mid Examinations	16.05.2022	21.05.2022	1W
Preparation & Practicals	23.05.2022	28.05.2022	1W
End Examinations	30.05.2022	11.06.2022	2W
Commencement of next Year Class Work			
Note: Calendar is prepared with 8 hrs/day hence 7 weeks per instruction period			

R. Srinivasulu
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Academic Planning
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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/2021

Date 28.08.2021

Dr. R. Srinivasa Rao,
Director, Academic Planning
JNTUK, Kakinada

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

Academic Calendar for IV - B. Tech & B. Pharmacy
Academic year 2021-22

I SEMESTER			
Description	From	To	Weeks
Commencement of Class Work	01.09.2021		
I Unit of Instruction	01.09.2021	16.10.2021	7W
I Mid Examinations	18.10.2021	23.10.2021	1W
II Unit of Instructions	25.10.2021	11.12.2021	7W
II Mid Examinations	13.12.2021	18.12.2021	1W
Preparation & Practicals	20.12.2021	25.12.2021	1W
End Examinations	27.12.2021	08.01.2022	2W
Commencement of II Semester Class Work	17.01.2022		
II SEMESTER			
I Unit of Instructions	17.01.2022	05.03.2022	7W
I Mid Examinations	07.03.2022	12.03.2022	1W
II Unit of Instructions	14.03.2022	30.04.2022	7W
II Mid Examinations	02.05.2022	07.05.2022	1W
Preparation & Practicals	09.05.2022	14.05.2022	1W
End Examinations	16.05.2022	28.05.2022	2W
Commencement of next Year Class Work			
Note: Calendar is prepared with 8 hrs/day hence 7 weeks per instruction period			

R. Srinivasa Rao
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SUBJECT OPTION FORM (EVEN)

AY:-2021-22

Name of the Faculty : *Dr. A. Ranganayakulu* Specialization : *ECE*
Designation : *Prof & HOD* Experience :
Academic Year : *2021-22* Semester : *EVEN*
Available Subjects:

II-II Subjects(R20) <ol style="list-style-type: none">1. Electronic Circuit Analysis2. Digital IC Design3. Analog Communications4. Linear control Systems5. Management and Organizational Behavior6. Electronic Circuit Analysis Lab7. Analog Communications Lab8. Digital IC Design Lab9. Soft Skill	IV-II Subjects(R16) <ol style="list-style-type: none">1. Cellular Mobile Communications2. Electronic Measurements and Instrumentation3. Satellite Communications4. Elective III<ol style="list-style-type: none">1. Wireless sensors & Networks2. Digital IC Design3. Operating Systems
III-II Subjects(R19) <ol style="list-style-type: none">1. Wired and Wireless Transmission Devices2. VLSI Design3. Digital Signal Processing4. Professional Elective (PE2)<ol style="list-style-type: none">1. Cellular & Mobile Communication2. Digital IC Design3. Business Intelligence & Analytics4. Pattern Recognition5. Robotics And Automation	<ol style="list-style-type: none">5. Open Elective (OE1)<ol style="list-style-type: none">1. Data Mining2. POWER ELECTRONICS3. MEMS and its applications4. Artificial Neural Networks6. Internet of Things7. VLSI Lab8. Digital Signal Processing Lab9. Intellectual Property Rights (IPR) & Patents
Other Dept: AI&ML I-II Subjects(R20): <ol style="list-style-type: none">1. Digital Logic Design	

FACULTY'S SUBJECT PREFERENCE

YEAR	SUBJECTS NAMES(SHORT FORM)								
	SUB1	No.of Times handled	SUB2	No. of Times Handled	SUB3	No. of Times handled	LAB1	LAB 2	LAB3
I									
II	DICD	14	LCS	13					
III	WHD	10	VLSID	15					
IV	CMC	12	WSN	12					

Note: Faculty shall give minimum one preferences from every year.

Date:

SIGNATURE OF THE FACULTY

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S.No.	YEAR&SEM	BRANCH	SUBJECTS ALLOCATED	WORK LOAD
1	III - II nd	ECE	VLSID (A+B)	12
2	III - II nd	ECE	VLSI LAB (A)	6


 HEAD OF THE DEPARTMENT



SUBJECT OPTION FORM (EVEN)

AY:-2021-22

Name of the Faculty : Dr. P. P. Murali Krishna Specialization : ECE
Designation : Prof Experience :
Academic Year : 2021-22 Semester : EVEN

Available Subjects:

II-II Subjects(R20) <ol style="list-style-type: none">1. Electronic Circuit Analysis2. Digital IC Design3. Analog Communications4. Linear control Systems5. Management and Organizational Behavior6. Electronic Circuit Analysis Lab7. Analog Communications Lab8. Digital IC Design Lab9. Soft Skill	IV-II Subjects(R16) <ol style="list-style-type: none">1. Cellular Mobile Communications2. Electronic Measurements and Instrumentation3. Satellite Communications4. Elective III<ol style="list-style-type: none">1. Wireless sensors & Networks2. Digital IC Design3. Operating Systems
III-II Subjects(R19) <ol style="list-style-type: none">1. Wired and Wireless Transmission Devices2. VLSI Design3. Digital Signal Processing4. Professional Elective (PE2)<ol style="list-style-type: none">1. Cellular & Mobile Communication2. Digital IC Design3. Business Intelligence & Analytics4. Pattern Recognition5. Robotics And Automation	<ol style="list-style-type: none">5. Open Elective (OE1)<ol style="list-style-type: none">1. Data Mining2. POWER ELECTRONICS3. MEMS and its applications4. Artificial Neural Networks6. Internet of Things7. VLSI Lab8. Digital Signal Processing Lab9. Intellectual Property Rights (IPR) & Patents
Other Dept: AI&ML I-II Subjects(R20): <ol style="list-style-type: none">1. Digital Logic Design	

FACULTY'S SUBJECT PREFERENCE

YEAR	SUBJECTS NAMES(SHORT FORM)								
	SUB1	No. of Times handled	SUB2	No. of Times Handled	SUB3	No. of Times handled	LAB1	LAB 2	LAB 3
I									
II	AC	11	DICD	12					
III	WNTD	8	CMC	10					
IV	EMI	12	SC	11					

Note: Faculty shall give minimum one preferences from every year.

Date:


SIGNATURE OF THE FACULTY

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S.No.	YEAR&SEM	BRANCH	SUBJECTS ALLOCATED	WORK LOAD
1	III - 1st sem	ECF	WNTD (A+B)	12


HEAD OF THE DEPARTMENT



SUBJECT OPTION FORM (EVEN)

AY:-2021-22

Name of the Faculty : *Mr. A. prasad*
Designation : *Assoc. prof*
Academic Year : *2021-22*

Specialization : *ECE*
Experience :
Semester : *EVEN*

Available Subjects:

<u>II-II Subjects(R20)</u> <ol style="list-style-type: none">1. Electronic Circuit Analysis2. Digital IC Design3. Analog Communications4. Linear control Systems5. Management and Organizational Behavior6. Electronic Circuit Analysis Lab7. Analog Communications Lab8. Digital IC Design Lab9. Soft Skill	<u>IV-II Subjects(R16)</u> <ol style="list-style-type: none">1. Cellular Mobile Communications2. Electronic Measurements and Instrumentation3. Satellite Communications4. Elective III<ol style="list-style-type: none">1. Wireless sensors & Networks2. Digital IC Design3. Operating Systems
<u>III-II Subjects(R19)</u> <ol style="list-style-type: none">1. Wired and Wireless Transmission Devices2. VLSI Design3. Digital Signal Processing4. Professional Elective (PE2)<ol style="list-style-type: none">1. Cellular & Mobile Communication2. Digital IC Design3. Business Intelligence & Analytics4. Pattern Recognition5. Robotics And Automation	<ol style="list-style-type: none">5. Open Elective (OE1)<ol style="list-style-type: none">1. Data Mining2. POWER ELECTRONICS3. MEMS and its applications4. Artificial Neural Networks6. Internet of Things7. VLSI Lab8. Digital Signal Processing Lab9. Intellectual Property Rights (IPR) & Patents
<u>Other Dept: AI&ML I-II Subjects(R20):</u> <ol style="list-style-type: none">1. Digital Logic Design	

FACULTY'S SUBJECT PREFERENCE

YEAR	SUBJECTS NAMES(SHORT FORM)								
	SUB1	No. of Times handled	SUB2	No. of Times Handled	SUB3	No. of Times handled	LAB1	LAB 2	LAB 3
I									
II	LCS	5	ECA	7					
III	DSP	6	CMC	3					
IV	WSN	5	EMI	7					

Note: Faculty shall give minimum one preferences from every year.

Date:


 SIGNATURE OF THE FACULTY

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S.No.	YEAR&SEM	BRANCH	SUBJECTS ALLOCATED	WORK LOAD
1	II - II SEM	ECE	LCS (A)	6
2	IV - IV SEM	ECE	EMI (A)	6
3	II - II SEM	ECE	AC LAB (A)	6


 HEAD OF THE DEPARTMENT



KRISHINA CHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES

Devarajugattu (Post) , Peddaraveedu (Mandal), Prakasam Dist. - 523 320.
(Approved by A.I.C.T.E., New Delhi, & Affiliated to JNTUK, Kakinada)

NAAC ACCREDITED INSTITUTION

CLASS TIME TABLE

Department of Electronics and Communication Engineering

B. Tech – Electronics and Communication Engineering (R20)

Academic Year:2021-2022

w.e.f: 14/02/2022

Batch: 2020-2024

Year: II Semester: II

Section: A

Class Room: A 312

DAY / HOURS	1	2		3	4		5	6		7
	09.30 10.20	10.20 11.20	11:20 11:30	11:30 12:20	12:20 01:10	01:10 02:00	02:00 02:50	02:50 03:40	03:40 03:50	03:50 04:40
MON	ECA	AC/DICD LAB				LUNCH BREAK	DICD	AC		ECA
TUE	LCS	AC		MOB	AC		ECA	SPORTS		
WED	DICD	DICD /ECA LAB					AC	ECA	BREAK	DICD
THU	ECA	MOB	B R E A K	AC	LCS		ECA	MOB		LCS
FRI	MOB	LIBRARY		LCS	DICD		SS			DICD
SAT	DICD	AC		MOB	LCS		ECA/AC LAB			

THEORY				
S.N	Subject	Credits	Name of the Faculty	Dept
1	Electronic Circuit Analysis	3	Mr. VIJAYA BHASKER	E.C.E
2	Linear control Systems	3	Mr. A PRASAD	E.E.E
3	Digital IC Design	3	Mrs. SWARUPA RANI	E.C.E
4	Analog Communications	3	Mr.T.ASOHK REDDY	E.C.E
5	Management and Organizational Behavior	3	Mr. V.KARTHIK	IIS
6	Soft Skills	2	Mr. P.MANOJAR	IIS
PRACTICALS				
1	Electronic Circuit Analysis Lab	1.5	Mr. M VIJAYA BHASKER / Mr.T.VENU	E.C.E
2	Analog Communications Lab	1.5	Mr. A PRASAD / Mr.G ULLESH KUMAR	E.C.E
3	Digital IC Design Lab	1.5	Mr. N B JILANI/ Mr.V. RAMA SUBBA REDDY	E.C.E
ACTIVITIES				
1	SPORTS		Mr. A.M.BIHARATHI KUMAR	ECE
2	LIBRARY		Mr. S.SIVA KRISHNA	ECE


TIME TABLE INCHARGE


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**KRISHNA CHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES**

Devarajugattu (Post), Peddaraveedu (Mandal), Prakasam Dist. - 523 320.

(Approved by A.I.C.T.E., New Delhi, & Affiliated to JNTUK, Kakinada)

NAAC ACCREDITED INSTITUTION**CLASS TIME TABLE**

Department of Electronics and Communication Engineering

B. Tech – Electronics and Communication Engineering (R20)

Academic Year:2021-2022

w.e.f: 14/02/2022

Batch: 2020-2024

Year: II Semester: II

Section: B

Class Room: A 311

DAY / HOURS	1	2		3	4		5	6		7	
	09:30 10:20	10:20 11:20	11:20 11:30	11:30 12:20	12:20 01:10	01:10 02:00	02:00 02:50	02:50 03:40	03:40 03:50	03:50 04:40	
MON	LCS	MOB	BREAK	AC	ECA	LUNCH BREAK	SS			DICD	
TUE	ECA	AC		LCS	MOB		AC/ DICD LAB				
WED	MOB	LCS		DICD	LIBRARY		LCS	DICD	BRE AK	ECA	
THU	AC	DICD		AC	ECA		MOB	LCS		ECA	
FRI	DICD	ECA/AC LAB					LCS	SPORTS			
SAT	AC	DICD /ECA LAB					MOB	DICD		AC	

THEORY				
S.N	Subject	Credits	Name of the Faculty	Dept
1	Electronic Circuit Analysis	3	Mr. VIJAYA BHASKER	E.C.E
2	Linear control Systems	3	Mr.G.NAGARJUNA	E.E.E
3	Digital IC Design	3	Mrs. SWARUPA RANI	E.C.E
4	Analog Communications	3	Mr. B AJANTHA REDDY	E.C.E
5	Management and Organizational Behavior	3	Mr. S.SRINIVASULU	H&S
6	Soft Skills	2	Mr. P.MANOHAR	H&S
PRACTICALS				
1	Electronic Circuit Analysis Lab	1.5	Mr. M VIJAYA BHASKER / Mr.T.VENU/ Mr. S.SIVA KRISHINA	E.C.E
2	Analog Communications Lab	1.5	Mr. K RANJITH KUMAR / Mr. A.M.BHARATH KUMAR	E.C.E
3	Digital IC Design Lab	1.5	Mrs. SWARUPA RANI / Mr. M. RAMANA REDDY	E.C.E
ACTIVITIES				
1	SPORTS		Mr. A.M.BHARATH KUMAR	ECE
2	LIBRARY		Mr. S.SIVA KRISHINA	ECE

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KRISHNA CHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES

Devarajugattu (Post), Peddaraveedu (Mandal), Prakasam Dist. - 523 320.

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NAAC ACCREDITED INSTITUTION

CLASS TIME TABLE

Department of Electronics and Communication Engineering

B. Tech – Electronics and Communication Engineering (R19)

Academic Year:2021-2022

w.e.f: 14/02/2022

Batch: 2019-2023

Year: III

Semester: II

Section: A

Class Room: A 310

DAY / HOURS	1	2		3	4		5	6		7
	09.30 10.20	10.20 11.20	11:20 11:30	11:30 12:20	12:20 01:10	01:10 02:00	02:00 02:50	02:50 03:40	03:40 03:50 0	03:50 04:40
MON	DSP	VLSID		WWTD	TEST	LUNCH BREAK	DM	SPORTS		
TUE	CMC	VLSID LAB					DSP	VLSID		WWTD
WED	DM	VLSID	BREAK	DSP	CMC		DSP LAB			
THU	WWTD	CMC		IPR & P			WWTD	DSP	BR EA K	IOT
FRI	WWTD	IOT		VLSID	DM		IOT	LIBRARY		DM
SAT	CMC	DM		DSP	CMC		IOT	VLSID		IOT

THEORY				
S.N	Subject	Credits	Name of the Faculty	Dept
1	VLSI Design	3	Dr A RANGANAYAKULU	E.C.E
2	Digital Signal Processing	3	Mr. B AJANTHA REDDY	E.E.E
3	Cellular & Mobile Communication	3	Mr. K RANJITH KUMAR	E.C.E
4	Wired and Wireless Transmission Devices	3	Dr P PRASANNA MURALI KRISHNA	E.C.E
5	Internet of Things	3	Mr. N B JILANI	E.C.E
6	Data Mining	3	Mrs. J.MAHALAKSHMI	C.S.E
7	Intellectual Property Rights (IPR) & Patents	0	Mr. P.MANOJAR	II&S
PRACTICALS				
1	VLSI Lab	1.5	Mr. M VIJAYA BHASKER / Dr A RANGANAYAKULU	E.C.E
2	Digital Signal Processing Lab	1.5	Mr. B AJANTHA REDDY / Mr.S.VENKATA KRISHNA	E.C.E
ACTIVITIES				
1	SPORTS		Mr.S.MARIYA BABU	ECE
2	LIBRARY		Mr.S.VENKATA KRISHNA	ECE

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CLASS TIME TABLE

Department of Electronics and Communication Engineering

B. Tech – Electronics and Communication Engineering (R19)

Academic Year:2021-2022

w.e.f: 14/02/2022

Batch: 2019-2023

Year: III Semester: II

Section: B

Class Room: A 306

DAY / HOURS	1	2		3	4		5	6		7
	09:30 10:20	10:20 11:20	11:20 11:30	11:30 12:20	12:20 01:10	01:10 02:00	02:00 02:50	02:50 03:40	03:40 03:50	03:50 04:40
MON	WWTD	DM	BREAK	CMC	DSP	LUNCH BREAK	DSP LAB			
TUE	DM	VLSID		DSP	LIBRARY		WWTD	DM	BRE AK	IOT
WED	DSP	WWTD		IPR & P			CMC	IOT	AK	CMC
THU	IOT	VLSID		TEST	VLSID		IOT	SPORTS		
FRI	CMC	DM		DSP	WWTD		VLSID LAB			
SAT	IOT	VLSID		WWTD	VLSID		DSP	DM		CMC

THEORY				
S.N	Subject	Credits	Name of the Faculty	Dept
1	VLSI Design	3	Dr A RANGANAYAKULU	E.C.E
2	Digital Signal Processing	3	Mr. M. RAMANA REDDY	E.E.E
3	Cellular & Mobile Communication	3	Mr. K RANJITH KUMAR	E.C.E
4	Wired and Wireless Transmission Devices	3	Dr P PRASANNA MURALI KRISHNA	E.C.E
5	Internet of Things	3	Mr.S.MARIYA BABU	E.C.E
6	Data Mining	3	Mrs. J.MAHALAKSHMI	C.S.E
7	Intellectual Property Rights (IPR) & Patents	0	Mr. P.MANOJAR	I&S
PRACTICALS				
1	VLSI Lab	1.5	Mr. M VIJAYA BHASKER & Mr.S.MARIYA BABU	E.C.E
2	Digital Signal Processing Lab	1.5	Mr. B AJANTHA REDDY / Mr.S.VENKATA KRISHNA	E.C.E
ACTIVITIES				
1	SPORTS		Mr.S.MARIYA BABU	E.C.E
2	LIBRARY		Mr.S.VENKATA KRISHNA	E.C.E

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**KRISHNA CHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES**

Devarajugattu (Post), Peddaraveedu (Mandal), Prakasam Dist. - 523 320.

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NAAC ACCREDITED INSTITUTION**CLASS TIME TABLE**

Department of Electronics and Communication Engineering

B. Tech – Electronics and Communication Engineering (R16)

Academic Year:2021-2022

w.e.f: 14/02/2022

Batch: 2018-2022

Year: IV Semester: II

Section: A & B

Class Room: A 301

DAY / HOURS	1	2	BREAK	3	4	LUNCH BREAK	5	6	BREAK	7
	09.30 10.20	10.20 11.20		11.20 11.30	11.30 12.20		12.20 01:10	01:10 02:00		02:00 02:50
MON	WSN	CMC	BREAK	WSN	CMC	LUNCH BREAK	SC	EMI	BREAK	CMC
TUE	SC	WSN		SC	WSN		EMI	SC		EMI
WED	SC	CMC		EMI	WSN		PROJECT			
THU	EMI	SC		LIBRARY	CMC		WSN	CMC	BREAK	WSN
FRI	EMI	WSN		SC	EMI		CMC	WSN		CMC
SAT	EMI	SC		EMI	SC		CMC	SPORTS		

THEORY				
S.N	Subject	Credits	Name of the Faculty	Dept
1	Electronic Measurements and Instrumentation	3	Mr. V. RAMA SUBBA REDDY	E.C.E
2	Wireless sensors & Networks	3	Mr. S.SIVA KRISHNA	E.E.E
3	Cellular & Mobile Communication	3	Mr.G.ULLESH KUMAR	E.C.E
4	Satellite Communications	3	Mr. A.M.BHARATH KUMAR	E.C.E
PRACTICALS				
1	Project	10	Mr. K RANJITH KUMAR/ MR.T.ASOHK REDDY	E.C.E
2	Seminar	2	Mr.N.B.JILANI/ Mr. V. RAMA SUBBA REDDY	E.C.E
ACTIVITIES				
1	SPORTS		Mr. A.M.BHARATH KUMAR	ECE
2	LIBRARY		Mr.S.VENKATA KRISHNA	ECE

TIME TABLE INCHARGE

HOB

PRINCIPAL



KRISHNA CHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES

Devarajugattu (Post) , Peddaraveedu (Mandal), Prakasam Dist. - 523 320.

(Approved by A.I.C.T.E., New Delhi, & Affiliated to JNTUK, Kakinada)

NAAC ACCREDITED INSTITUTION

CLASS TIME TABLE

Department of Electronics and Communication Engineering

B. Tech – Electronics and Communication Engineering (R16)

Academic Year:2021-2022

w.e.f: 14/02/2022

Batch: 2018-2022

Year: IV

Semester: II

Section: A & B

Class Room: A 301

DAY / HOURS	1	2		3	4		5	6		7
	09.30 10.20	10.20 11.20	11:20 11:30	11:30 12:20	12:20 01:10	01:10 02:00	02:00 02:50	02:50 03:40	03:40 03:50	03:50 04:40
MON	WSN	CMC	BREAK	WSN	CMC	LUNCH BREAK	SC	EMI	BREAK	CMC
TUE	SC	WSN		SC	WSN		EMI	SC		EMI
WED	SC	CMC		PROJECT						
THU	EMI	SC		LIBRARY	CMC		WSN	CMC	WSN	
FRI	EMI	WSN		SC	EMI		CMC	WSN	CMC	
SAT	EMI	SC		EMI	SC		CMC	SPORTS		

THEORY				
S.N	Subject	Credits	Name of the Faculty	Dept
1	Electronic Measurements and Instrumentation	3	Mr. A PRASAD	E.C.E
2	Wireless sensors & Networks	3	Mrs. N SWARUPA RANI	E.E.E
3	Cellular & Mobile Communication	3	Mr. K RANJITH KUMAR	E.C.E
4	Satellite Communications	3	Mr. N B JILANI	E.C.E
PRACTICALS				
1	Project	10	Mr. A PRASAD & Mr. M. RAMANA REDDY	E.C.E
2	Seminar	2	Mr. B AJANTHA REDDY/ Mr.G.NAGARJUNA	E.C.E
ACTIVITIES				
1	SPORTS		Mr. A.M.BIHARATH KUMAR	ECE
2	LIBRARY		Mr.S.VENKATA KRISHNA	ECE


TIME TABLE INCHARGE


HOD


PRINCIPAL

KRISHNACHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES

Department of Electronics and Communication Engineering

FACULTY WORK LOAD

Academic year: 2021-22, II-SEM

S.No	Name of the faculty	Theory 1	Theory 2	Theory 3	Lab 1	Lab 2	Lab 3	ADDITIONAL DUTIES	TOTAL
1	Dr A RANGA NAYAKULU	VLSID (III ECE A)	VLSID (III ECE B)		VLSI LAB (III ECE A)			HEAD OF THE DEPARTMENT	15
2	Dr P PRASANNA MURALI KRISHNA	WVTD (III ECE A)	WVTD (III ECE B)					TRAINING & PLACEMENT IN-CHARGE	12
3	Mr A PRASAD	LCS (II ECE A)	EMI (IV ECE A)		AC LAB (II ECE A)			CLASS INCHARGE (IV ECE A), PROJECT CO-ORDINATOR (IV ECE A)	18
4	Mr K RANJITH KUMAR	CMC (III ECE A)	CMC (III ECE B)	CMC (IV ECE A)	AC LAB (II ECE B)			CLASS INCHARGE (IV ECE B), PROJECT CO-ORDINATOR (IV ECE B)	24
5	Mr B AJANTA REDDY	AC (II ECE B)	DSP (III ECE A)		DSP LAB (III ECE A)	DSP LAB (III ECE B)		CLASS INCHARGE (III ECE A), SEMINARS (IV ECE A)	24
6	Mr N B JILANI	IOT (III ECE A)	SC (IV ECE A)		DICD LAB (II ECE A)			CLASS INCHARGE (III ECE B), SEMINARS (IV ECE B)	18
7	Mr K CH MALLA REDDY	DLD (I A/ML)			EW (I ECE A)	EW (I ECE B)			18
8	Mr V RAMA SUBBA REDDY	EMI (IV ECE B)			DICD LAB (II ECE A)			SEMINARS (IV ECE B)	12
9	Mr M RAMANA REDDY	DSP (III ECE B)			DICD LAB (II ECE B)			PROJECT CO-ORDINATOR (IV ECE A)	12
10	Mr G NAGARJUNA	LCS (II ECE B)			EW (I ECE B)			SEMINARS (IV ECE A)	12
11	Mr T VENU				ECA LAB (II ECE A)	ECA LAB (II ECE B)			12
12	Mr M VIJAY BHASKAR	ECA (II ECE A)	ECA (II ECE B)		ECA LAB (II ECE A)	ECA LAB (II ECE B)	VLSI LAB (III ECE A & B)	CLASS INCHARGE (II ECE A)	27
13	Mr G ULLESH KUMAR	CMC (IV ECE B)			AC LAB (II ECE A)				12
14	Mr S MARIYA DABU	IOT (III ECE B)			VLSI LAB (III ECE B)			SPORTS	12
15	Mrs N SWAROOPA RANI	DICD (II ECE A)	DICD (II ECE B)	WSN (IV ECE A)	DICD LAB (II ECE B)			CLASS INCHARGE (II ECE B)	24
16	Mr A M Bharath Kumar	SC (IV ECE B)			AC LAB (II ECE B)			SPORTS	12
17	Mr S Siva Krishna	WSN (IV ECE B)			ECA LAB (II ECE B)			LIBRARY	12
18	Mr T Asokh Reddy	AC (II ECE A)			EW (I ECE A)			PROJECT CO-ORDINATOR (IV ECE B)	12
19	Mr S Venkata Krishna				DSP LAB (III ECE A)	DSP LAB (III ECE B)		LIBRARY	12

HEAD OF THE DEPARTMENT

PRINCIPAL

**LESSON PLAN****Department: ECE**

Academic Year: 2021-2022

Subject : Random Variables and Stochastic Process

Faculty : A.prasad

Commencement of Instructions: 01/10/2021**Date of I Mid Exam : 27/11/2021**

Class: II B.Tech Semester: I

Subject Code :

No. of Periods estimated: 66

Completion of Instruction : 22/01/2022**Date of II Mid Exam : 28/01/2022**

S No	Unit Number	Topic	No of Periods	Teaching Aid	Books
1		Objectives, overview of course,	1	Chalk& talk	T1
2	1. THE RANDOM VARIABLE	Review of Probability, Definition and Conditions for a Function to be a Random Variable	1	Chalk& talk	T1
3		Discrete and Continuous, Mixed Random Variable	1	Chalk& talk	R2
4		Random Variables(Tutorial)	1	Practice	
5		Distribution and Density functions	1	Chalk& talk	R3
6		Properties Distribution and Density functions	1	Chalk& talk	T1
7		Binomial ,Gaussian, Poisson, Uniform Distribution and Density functions	1	Chalk& talk	T1
8		Binomial ,Gaussian, problems(Tutorial)	1	Practice	
9		Exponential, Rayleigh Distribution and Density functions	1	Student seminar	T1
10		Conditional Distribution Conditional Density, Properties & Problems	1	Chalk& talk	T1
			Total	10	
11	2. III OPERATIO N ON ONE RANDOM VARIABLE - EXPECTATIONS	Introduction, Expected Value and Function of a Random Variable	1	Chalk& talk	T2
12		Moments about the Origin, Central Moments & Variance and Skew	1	Chalk& talk	R2
13		Chebychev's Inequality & Problems	1	Chalk& talk	R4
14		Variance and Skew & Problems(Tutorial)	1	Practice	
15		Characteristic Function & Moment Generating Function & Problems	1	Chalk& talk	R2
16		Transformations of a Random Variable Monotonic Transformations for a Continuous Random Variabl	1	Chalk& talk	R2

17		Nonmonotonic Transformations of Continuous Random Variable	1	Student seminar	T2
18		Chebychev's Inequality(Tutorial)	1	nptel	W1
		Total	08		
19	3. MULTIPLE RANDOM VARIABLE S & OPERATIO N ON MULTIPLE RANDOM VARIABLE S	Vector Random Variables Joint Distribution Function	1	Chalk& talk	R3
20		Properties of Joint Distribution Marginal Distribution Functions	1	Chalk& talk	R3
21		Conditional Distribution and Density & Statistical Independence &Problems	1	Chalk& talk	T1
22		Conditional Distribution and Joint Distribution and density problems(Tutorial)	1	Practice	
23		Sum of Two and Several Random Variables. &Problems	1	Chalk& talk	T1
24		Central Limit Theorem Unequal Distribution Equal Distributions &Problems	1	Chalk& talk	R2
25		Expected Value of a Function of Random Variables & problems	1	Chalk& talk	R4
26		Marginal Distribution, Central Limit Theorem & problems(Tutorial)	1	Practice	
27		Joint Moments about the Origin, Joint Central Moments &Problems	1	Chalk& talk	T1
28		Joint Characteristic Functions &Problems	1	Student seminar	R4
29		Jointly Gaussian Random Variables Two Random Variables case &Problems	1	Chalk& talk	R3
30		Two Random Variables case &Problems (Tutorial)	1	Practice	
31		N Random Variable case, Properties Transformations of Multiple Random Variables	1	Chalk& talk	R2
32		Linear Transformations of Gaussian Random Variables & problems	1	Chalk& talk	T1
33		Transformations of Multiple Random Variables, Linear Transformations of Gaussian Random Variables.(Tutorial)	1	Practice	
		Total	15		
34	4. RANDOM PROCESSE S- TEMPORA L CHARACT ERISTICS	I mid answer sheets discussion	1	practice	
35		The Random Process Concept & Classification of Processes	1	Chalk& talk	T1
36		Deterministic and Nondeterministic Processes Distribution and Density Functions	1	Chalk& talk	T1

37		concept of Stationary and Statistical Independence	1	Chalk& talk	T2
38		Deterministic and Nondeterministic Processes Distribution and Density Functions(Tutorial)	1	practice	R2
39	4. RANDOM PROCESSES – TEMPORAL CHARACTERISTICS	First-Order Stationary Processes & Second- Order Wide-Sense Stationary & (N-Order)	1	Chalk& talk	R3
40		Strict-Sense Stationary Time Averages,	1	Chalk& talk	R2
41		Ergodicity, Mean-Ergodic Processes	1	Chalk& talk	R1
42		Ergodicity, Mean-Ergodic Processes(Tutorial)	1	nptel	W1
43		Autocorrelation Function and Its Properties	1	Chalk& talk	T2
44		Cross-Correlation Function and Its Properties	1	Student seminar	T1
45		Covariance Functions, Poisson Random Process, Gaussian Random Processes	1	Chalk& talk	T1
46		Gaussian Random Processes (Tutorial)	1	nptel	W1
		Total	13		
47		5. RANDOM PROCESSES – SPECTRAL CHARACTERISTICS & LINEAR SYSTEMS WITH RANDOM INPUTS	The Power Spectrum Properties.	1	Chalk& talk
48	Relationship between Power Spectrum Autocorrelation Function.		1	Chalk& talk	T2
49	Power Spectrum Autocorrelation Function(Tutorial)		1	practice	
50	The Cross-Power Density Spectrum Properties.		1	Chalk& talk	R1
51	Relationship between Cross-Power Spectrum and Cross-Correlation Function.		1	Chalk& talk	R2
52	Cross-Correlation Function.		1	Student seminar	
53	Previous Question Papers(Tutorial)		1	practice	
54	Random Signal Response of Linear Systems		1	Chalk& talk	T2
55	System Response – Convolution Mean and Mean-squared Value of System Response		1	Nptel video	W1
56	Autocorrelation Function of Response		1	Chalk& talk	R2
57	Autocorrelation Function(Tutorial)		1		
58	Cross-Correlation Functions of Input and Output Spectral Characteristics of System Response		1	Chalk& talk	R2
59	Power Density Spectrum of Response	1	Chalk& talk	T1	

60		Cross-Power Density Spectrums of Input and Output	1	Chalk& talk	T1
61	5. RANDOM PROCESSES S- SPECTRAL CHARACTERISTICS & LINEAR SYSTEMS WITH RANDOM INPUTS	Power Density Spectrum, Cross-Power Density Spectrums(Tutorial)	1	practice	
62		Band-Limited and Narrowband Processes	1	Chalk& talk	R5
63		Modeling of Noise Sources & Resistive (Thermal) Noise Source	1	Nptel	W1
64		Arbitrary Noise Sources & Effective Noise Temperature	1	Chalk& talk	R2
65		Average Noise Figures & Average Noise Figure of cascaded networks	1	Web resource	W2
66		Arbitrary Noise Sources, Resistive (Thermal) Noise Source(Tutorial)	1	Student seminar	T1
			Total	20	
67		Revision	1	practice	
68		Revision	1	practice	

TEXT BOOKS:

- T1. Probability, Random Variables & Random Signal Principles, Peyton Z.Peebles, THM. 4th Edition. 2001
- T2. Probability, Random Variables and Stochastic Processes, Athanasios Papoulis and S.Unnikrishna, PHI 4th Edition. 2002
- T3. Probability and Random Processes with Applications to Signal Processing, Henry Stark and John Wawoods, Person Education, 3rd Edition, 2001

REFERENCE BOOKS:

- R1. Schaum's Outline of Probability, Random Variables, and Random Processes 1997.
- R2. An introduction to Random Signals and Communication Theory B.P.Lathi, international Textbook.1998.
- R3. Probability Theory and Random Processes. P. Ramesh Babu. McGrawHill,2015
- R4. Probability theory and Statistics by Murugesan
- R5. An Introduction to Random Signal and communication Theory, B.P.Lathi,
- W1:- Nptel Video
- W2:- Web Resource


Prepared By


Approved By

Contents

A.Y:- 2021-22

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KRISHNACHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES

Devarajugattu (P.O.), Peddaraveedu (Mandal), Prakasam Dist. - 523 320.

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(Sponsored by Anna Educational Society)

CLASS: B.Tech

BRANCH: ECE

DATE: 17/12/2021

II - A

CLASS REVIEW COMMITTEE MEETING

S.NO	Name of the subject	Faculty Name	No. of Units/ Experiments completed	No. of Periods taken	% completion of present Unit	Signature of Staff member
1	STLD	N. Swanupa Rani	2 units	54	3rd unit (50%)	N. Swanupa Rani
2	EDC	M. Vijaya bhekar	2.0	48	2nd unit 50%	M. Vijaya bhekar
3	S&S	D. P. Prasad	2 units	42	3rd unit 80% completed	D. P. Prasad
4	RVSP	A. Prasad	2 units	42	70%	A. Prasad
5	M-III	A. Lakshmi Reddy	2 units	43	3rd unit (50% (30%))	A. Lakshmi Reddy
6	STLD LAB	V. Ramakrishna Reddy	10 Exps	21	-	V. Ramakrishna Reddy
7	EDCLAB	M. Vijaya bhekar	5	24	60%	M. Vijaya bhekar
8	DOPSLAB	SK. ALI MOON	5	8 lab	-	SK. ALI MOON
9	PYTHON PROLAB	S.V. PAVANKUMAR	5	8 LABS	-	S.V. PAVANKUMAR

S.NO	Roll No	Name of the student	Signature
1	20JUIA0412	K. Geetha Priyanka	K. Geetha Priyanka
2	20JUIA0408	A. Bhuvaneshwari Devi	A. Bhuvaneshwari Devi
3	20JUIA0421	Sd. Intiyaz	Sd. Intiyaz


CRC In charge


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(Sponsored by Anna Educational Society)

CLASS: III B.Tech
II-B

BRANCH: ECE

DATE: 17/12/2021

CLASS REVIEW COMMITTEE MEETING

S.NO	Name of the subject	Faculty Name	No. of Units/ Experiments completed	No. of Periods taken	% completion of present Unit	Signature of Staff member
1	STLD	N. Swarna Rani	2 UNITS	58	3rd unit (50%)	
2	EDC	M.V. Jayashanker	2 UNIT	46	2nd unit 50%	
3	S&S	D. P. Murali Krishna	2 units	39	3rd unit 80% finished	
4	RVSP	N B Jilani	2 units	44	3rd unit 90% completed	
5	M-III	A V Srinivasa	2 Units		3rd unit started	
6	STLDLAB	N. Rama Subha Reddy	10 EXPS completed	21	-	
7	EDCLAB	M.V. Jayashanker	5	24	50%	
8	OOPSLAB	G. Jayaraman	5	8 Lab		
9	PYTHON PROLAB	S.V. Pravan Kumar	5	8 LABS		

S.NO	Roll No	Name of the student	Signature
1	20JUIA0465	A. Saisree	
2	20JUIA0494	M.V. Sakthi	
3	20JUIA0498	M. Vishnu	

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CLASS: III B-Tech
III - A.

BRANCH: ECE

DATE: 17/12/2021

CLASS REVIEW COMMITTEE MEETING

S.NO	Name of the subject	Faculty Name	No. of Units/ Experiments completed	No. of Periods taken	% completion of present Unit	Signature of Staff member
1	DSD	Dr. A. Ranganayakulu	3 units	40	75% completed	
2	MPMC	N. B. Jilani	2 units	48	3rd unit (90% comp)	
3	EMI	A. Prasad	3 units	38	30%	
4	LICA	Dr. P. Prabhama Murali Krishna	2 units	31	3rd unit 60% completed	
5	DC	B. Ajantha Reddy	2 units	33	80% of 3rd unit completed	
6	MPMC LAB	N. B. Jilani	7 exp.	24	5 need to complete	
7	DC LAB	M. Vijayarathaker	7 Exp	21	4 Expre Need to comp	
8	LICA LAB	N. Swarupa Rani	7 Exp	19	5 Expremen Need to comp	
9						

S.NO	Roll No	Name of the student	Signature
1	19JUIA0440	P. Nalteen Kumar Reddy	
2	19JUIA0425	D. Kaswali	
3	19JUIA0444	R. Pavani - [RAVI PAVANI]	

CRC In charge

HOD



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(Sponsored by Anna Educational Society)

CLASS: B.Tech

BRANCH: ECE

DATE: 17/12/2021

IT-B

CLASS REVIEW COMMITTEE MEETING

S.NO	Name of the subject	Faculty Name	No. of Units/ Experiments completed	No. of Periods taken	% completion of present Unit	Signature of Staff member
1	DSD	Dr. A. Ranganayakulu	3 units	46	3rd unit 25% completed	
2	MPMC	N.B. Jilani	2 units	49	90%	
3	EMI	A. Prasad	3 units	40	30%	
4	LICA	Dr. P. Prasanna Murthy	2 units	31	3 unit 60% completed	
5	DC	B. Ajantua Reddy	2 units	37	80% of 1st unit completed	
6	MPMCLAB	N.B. Jilani	7 experim completed	27	5 need to complete	
7	DC LAB	G. ULLASH KUMAR	7 Experiments completed	24	-	
8	LICA LAB	K. Ranjith Kumar	5 lab part	21	-	
9						

S.NO	Roll No	Name of the student	Signature
1	19JUTAO469	S. Sri Lakshmi	
2	19JUTAO460	V. Sharanya	
3	19JUTAO491	K.V. Ranganayakulu Reddy	

CRC In charge

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CLASS: B.Tech

BRANCH: ECE

DATE: 18/12/21

IV A - I CLASS REVIEW COMMITTEE MEETING

S.NO	Name of the subject	Faculty Name	No. of Units/ Experiments completed	No. of Periods taken	% completion of present Unit	Signature of Staff member
1	RS	K. Ranjith Kumar	3	25	9th unit running	
2	ES	V. Rama SubbarReddy	3	31	4th unit Just started	
3	OC	S. Mariya Baby	3	37	4th unit just started	
4	ESS	G. Ulleshi Kumar	3	35	4th unit 25%	
5	CN	S.V. Patankumar	3	35	4th unit started	
6	DIP	B. Ajantha Reddy	2	33	85% of 2nd unit completed	
7	MWE & OC LAB	A. Prasad	4	15	-	
8	DSP Lab	S. Mariya Baby	15	1st batch: 21 2nd batch: 15	-	
9						

S.NO	Roll No	Name of the student	Signature
1	18JUIA0401	G. Asha Jyothi	
2	18JUIA0404	M. Naraneetha	
3	18JUIA0422	S. Hemalatha	

CRC In charge

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CLASS: B.Tech IV-IT BRANCH: ECE - B

DATE: 18/12/21

CLASS REVIEW COMMITTEE MEETING

S.NO	Name of the subject	Faculty Name	No. of Units/ Experiments completed	No. of Periods taken	% completion of present Unit	Signature of Staff member
1	RS	K. Ranjith Kumar	3	25	4th unit just started	
2	ES	V. Ramakrishna Reddy	3	25	4th unit just started	
3	OC	S. Maniyya Babu	2	32	60% of 2nd unit	
4	ESS	G. Ullashi Kumar	3	36	4th unit 25%	
5	CN	S.V. Pavan Kumar	3	35	4th unit started	
6	DIP	B. Ajantha Reddy	2	35	85% of 2nd unit completed	
7	HW EOC Lab	G. Ullashi Kumar	6	18	-	
8	BSP Lab	S. Maniyya Babu	15	1 st - 15 2 nd - 15	-	
9						

S.NO	Roll No	Name of the student	Signature
1	18JUIA0497	S.V. Meenakshi	
2	18JUIA04A3	T.V. Sai Leela Madhuri	
3	18JUIA0482	Gontla Sudhathri	

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KRISHNACHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES:: MARKAPUR
CIRCULAR

Date: 21-07-2022

II Mid Examinations for I - B.Tech II Sem (R20) students are scheduled from Monday, 25th JULY 2022. The Time Tables for Online Objective Test and Subjective Tests are sent for circulation.

The subject teachers are requested to prepare the **TWO SETS** of question papers for the subjective tests and submit the soft copy to the exam Section two days before the schedule of examination.

The Subjective Exam will be conducted from: **02.30 PM TO 04.00 PM – MID TERM - II**
(Descriptive)

The **Online Exam** will be conducted from : **10.00 A.M to 01.00 P.M**

***** Note: The faculty according to timetable has to act as Invigilator for online exam*****

EXAM SECTION I/C

PRINCIPAL

COPY TO HOD'S:

S&H :

ON-LINE IN-CHARGE :



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

I B.TECH II SEMESTER (R20)

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

TIME TABLE

		TIME: 10.00 AM TO 12.00 NOON				
Branch	25-07-2022 (Monday)	26-07-2022 (Tuesday)	27-07-2022 (Wednesday)	28-07-2022 (Thursday)	29-07-2022 (Friday)	30-07-2022 (Saturday)
Subjects	Mathematics - II R201201	Building Materials and Concrete Technology R201205 (Only for CE) Applied Physics R201207 (Comm to EEE, ECE, EIE, ECT, CSE-AI&ML, CSE- AI, CSE-DS, CSE- AI&DS, AI&DC)	Programming for Problem Solving Using C R201204 (Comm to CE, Agri E) Data Structures Through C R201208 (Only for EEE) Basic Electrical Engineering R201214 (Comm to ECE, EIE, ECT) Computer Organization R201216 (Comm to CSE,IT) Digital Logic Design R201221 (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 R201222 (Comm. to AME, Mining, PE,FE)	Data Structures R201218 (Comm to CSE, IT, CSE-AI&ML, CSE- AI, CSE-DS, CSE-AI&DS, AI&DS) Problem Solving Using Python R201219 (Comm to CSE-CS&T, CSE-CS, CSE- IOT&CS Incl BCT, CSE-CS&BS, CSE- IOT, Cyber Security) Pharmaceutical Chemistry R201258 (Only for Pharm. E) Electrical Circuit Analysis -I R201209 (Only for EEE) Engineering Mechanics R201210 (Comm to ME, PE, Agri E, FE) Mechanics of Solids R201255 (Only for Mining) Metallurgy & Materials Science R201256 (Only for AME)	Engineering Mechanics R201203 (Only for CE) Thermodynamics R201254 (Only for ME) Basic Civil and Mechanical Engineering R201227 (Only for EEE) Computer Aided Engineering Drawing R201226 (Only for FE) Engineering Drawing R201224 (Comm to Mining, Agri.E, Phar.E) Object Oriented Programming through Java R201212 (Comm to ECE,EIE, ECT) Basic Electrical & Electronics Engineering R201220 (Comm to CSE-CS&T, CSE-CS, CSE-IOT&CS Incl BCT, CSE-CS&BS, CSE-IOT, Cyber Security) Engineering Graphics R201257 (Only for AME) Python Programming R201225 (Comm to CSE, IT, CSE-AI&ML, CSE-AI, CSE-DS, CSE- AI&DS, AI&DS) Elements of Mechanical Engineering R201223 (Only for PE)	Mathematics-III R201206 (Only for EEE) Engineering Chemistry R201202 (Comm. to CE,ME ,Agri.E) Applied Chemistry R201215 (Comm to CSE, CSE-CS&T, IT, CSE-CS, CSE-IOT&CS Incl BCT, CSE-CS&BS, CSE-IOT, Cyber Security) Network Analysis R201213 (Comm to ECE,EIE, ECT) Engineering and Solid Mechanics R201259 (Only for Pharm. E)

NOTE:

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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.

Engel. A. Sully

Controller of Examinations

DATE: 14-07-2022

KRISHNACHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES:: MARKAPUR
CIRCULAR

Date: 17-06-2022

II Mid Examinations for II - **B.Tech II Sem (R20)** students are scheduled from Monday, 20th JUNE 2022. The Time Tables for Online Objective Test and Subjective Tests are sent for circulation.

The subject teachers are requested to prepare the **TWO SETS** of question papers for the subjective tests and submit the soft copy to the exam Section two days before the schedule of examination.

The Subjective Exam will be conducted from : **2.30 PM TO 4.00 PM**

The **Online Exam** will be conducted from : **10.00 AM to 01.00 P.M**

*****Note: The faculty according to timetable has to act as Invigilator for online exam**



EXAM SECTION I/C



PRINCIPAL

COPY TO HOD'S:

CE :

ECE :

CSE :

ON-LINE IN-CHARGE :



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

II B. TECH II SEMESTER (R20)

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

T I M E T A B L E

TIME: 10.00 AM TO 12.00 NOON

BRANCH	DAY AND DATE				
	20-06-2022 (Monday)	21-06-2022 (Tuesday)	22-06-2022 (Wednesday)	23-06-2022 (Thursday)	24-06-2022 (Friday)
CIVIL ENGINEERING (01-CE)	Complex Variables and Statistical Methods R2022011 (Comm to CE, ME, AME, MM)	Strength of Materials -II R2022012	Hydraulics and Hydraulic Machinery R2022013	Environmental Engineering R2022014	Managerial Economics & Financial Analysis R2022015 (Comm to CE, EEE, EIE, ECT, AGE, FE)
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	Python Programming R2022021 (Common to EEE, FE)	Digital Electronics R2022022	Power System-I R2022023	Induction and Synchronous Machines R2022024	Managerial Economics & Financial Analysis R2022015 (Comm to CE, EEE, EIE, ECT, AGE, FE)
MECHANICAL ENGINEERING (03-ME)	Complex Variables and Statistical Methods R2022011 (Comm to CE, ME, AME, MM)	Material Science & Metallurgy R2022031	Dynamics of Machinery R2022032	Thermal Engineering-I R2022033	Industrial Engineering and Management R2022034
ELECTRONICS & COMMUNICATION ENGINEERING (04-ECE)	Electronic Circuit Analysis R2022041 (Comm to ECE, EIE, ECT)	Digital IC Design R2022042	Analog Communications R2022043 (Common to ECE, ECT)	Linear Control Systems R2022044 (Common to ECE, EIE)	Management and Organizational Behavior R2022045 (Common to ECE, PE)
COMPUTER SCIENCE & ENGINEERING (05-CSE)	Probability and Statistics R2022051 (Common to CSE, CST, CSE(AIML), CSE(AI), CSE(DS), CS E(AIDS), CSE(CS), CSE(IOT), CSE(CT), CSE CSBS), CSE(IOT), AIDS, AIML)	Database Management Systems R2022052 (Common to CSE, CST, CSE(CS), CSE(IOT), CSE(CT), CSE(CSBS), CSE(IOT)	Formal Languages and Automata Theory R2022053 (Common to CSE, CST, CSE(AIML), CSE(AI), CSE(DS , CSE(AIDS), CSE(CS), CSE(IOT), CSE(SIB CT), CSE(IOT), AIDS, AIML)	Java Programming R2022054 (Common to CSE, IT, CSE(CSBS), CS)	Managerial Economics and Financial Accountancy R2022055 (Common to CSE, CST, IT, MM, CSE(AIML), CSE(AI), CS E(DS), CSE(AIDS), CSE(CS), CSE(IOT), CSE CT), CSE(IOT), AIDS, AIML)



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B TECH I SEMESTER (R19 REGULATION) I MID & ONLINE QUIZ EXAMINATIONS, NOVEMBER - 2021

T I M E T A B L E

TIME: 02.00 PM TO 04.00 PM

BRANCH	DATE & DAY					
	22-11-2021 (Monday)	23-11-2021 (Tuesday)	24-11-2021 (Wednesday)	25-11-2021 (Thursday)	26-11-2021 (Friday)	27-11-2021 (Saturday)
CIVIL ENGINEERING (01 CE)	Structural Analysis (R1931011)	Concrete Technology (R1931012)	Water Resources Engineering - I (R1931013)	Environmental Engineering - II (R1931014)	Program Elective – I :-
						i) Repair & Rehabilitation of Buildings (R193101A)
						ii) Environmental Impact Assessment (R193101B)
						iii) Reinforced Soil Structures (R193101C)
						iv) Traffic Engineering (R193101D)
						v) Construction Technology & Management (R193101E)
						Open Elective – I (Choose any One
						i) Disaster Management (R193101F)
						ii) Environmental Pollution & Control
						iii) Elements of Civil Engineering
iv) Green Technology (R193101I)						
v) Smart Cities (R193101J)						
vi) Project Management (R193101K)						
vii) Traffic Safety (R193101L)						
viii) Geo-Spatial Technologies (R193101M)						
ix) Wastewater Treatment(R193101N)						
ELECTRICAL AND ELECTRONICS ENGINEERING (02 EEE)	Power Systems-II (R1931021)	Power Electronics (R1931022)	Linear IC Applications (R1931023)	Digital Signal Processing (R1931024)	Microprocessors and Microcontrollers (R1931025)

III B. Tech I Semester Regular/Supplementary Examinations, October/November - 2019
ENGINEERING MECHANICS
 (Computer Science and Engineering)

Time: 3 hours

Max. Marks: 70

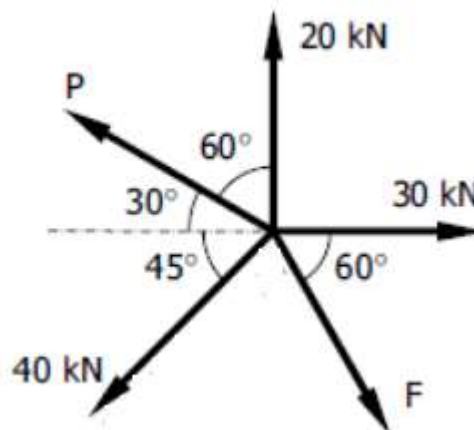
- Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)
 2. Answer **ALL** the question in **Part-A**
 3. Answer any **FOUR** Questions from **Part-B**

PART -A**(14 Marks)**

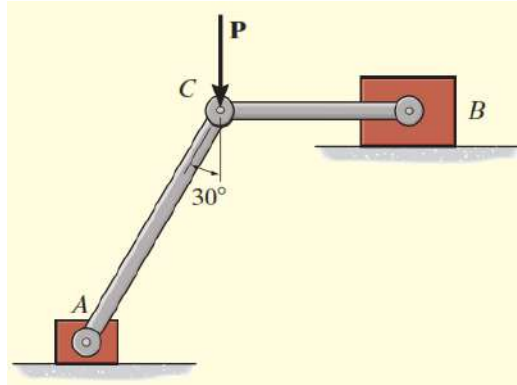
1. a) Write coulomb's laws of dry friction. [3M]
- b) What is law of polygon of forces? [2M]
- c) Define centroid and centre of gravity. [2M]
- d) Define the term radius of gyration. Write the units. [2M]
- e) State Newton's three laws of motion. [3M]
- f) Write Impulse-Momentum equation. [2M]

PART -B**(56 Marks)**

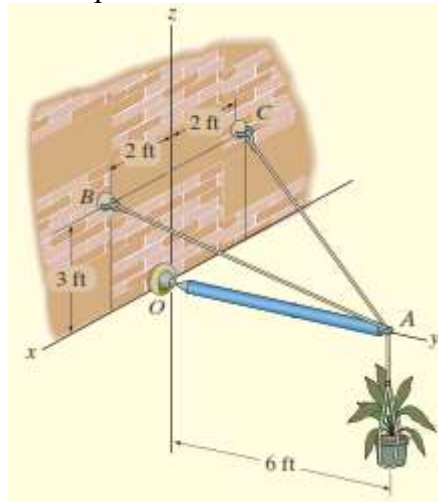
2. a) The five forces shown in figure are in equilibrium. Compute the values of P and F. [6M]



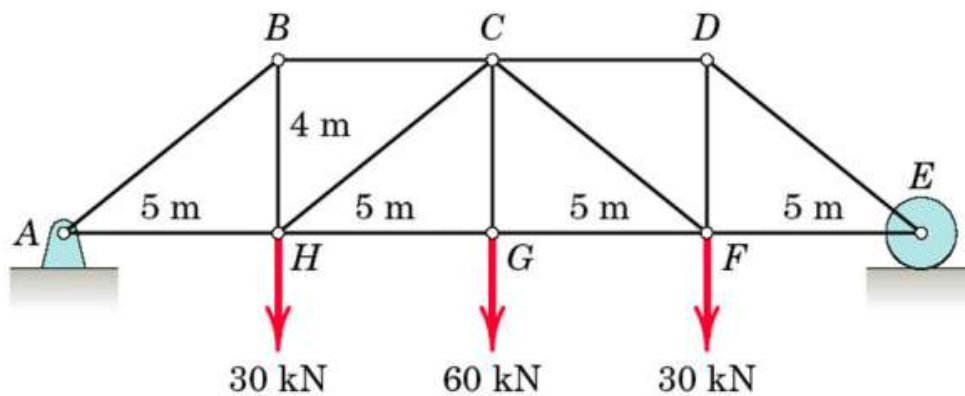
- b) Blocks A and B have a mass of 3 kg and 9 kg, respectively, and are connected to the weightless links shown in the figure. Determine the largest vertical force P that can be applied at the pin C without causing any movement. The coefficient of static friction between the blocks and the contacting surfaces is 0.3. [8M]



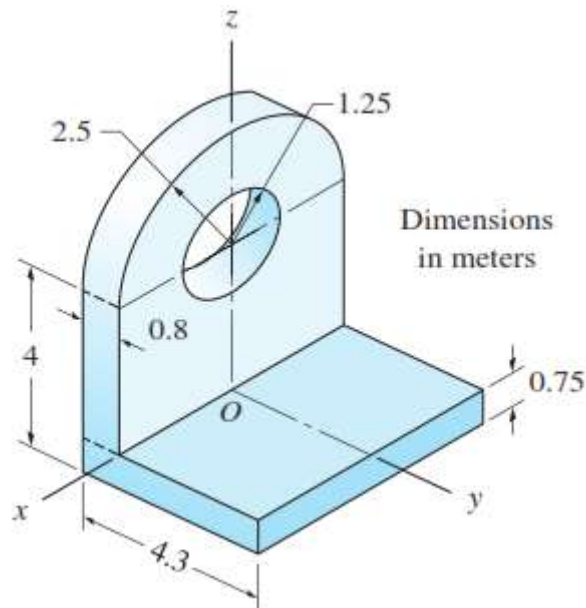
3. a) The boom is used to support the 75-lb flowerpot shown in the figure. [7M]
Determine the tension developed in wires AB and AC.



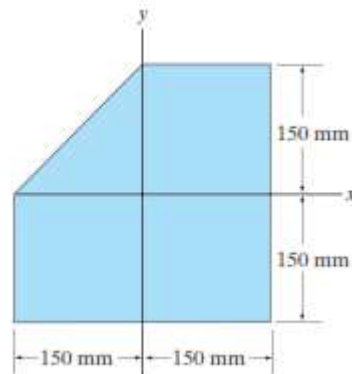
- b) Determine the force in each member of the loaded truss by method of Joints. [7M]



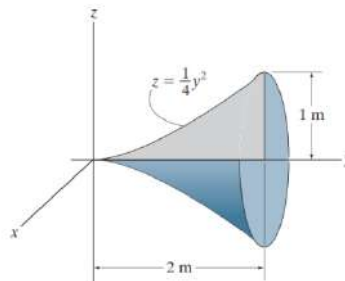
4. a) Determine the location of the centroid of the volume for the machine part shown in the figure. [8M]



- b) What is center of gravity? Derive the expressions to find the center of gravity of composite bodies. [6M]
5. a) Determine the moment of inertia of the composite area about the y axis. [7M]

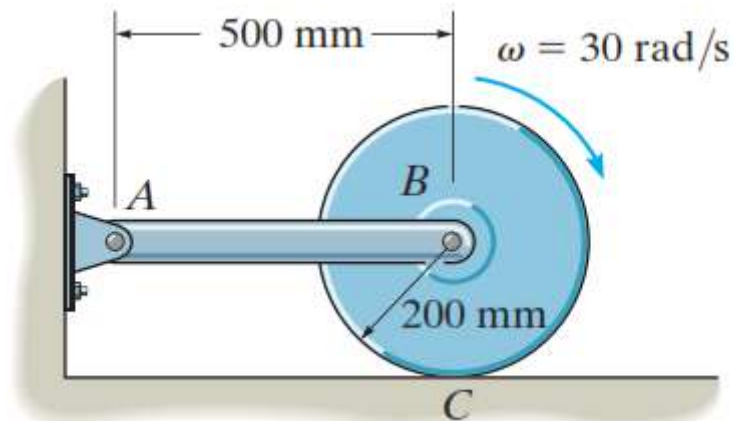


- b) Determine the mass moment of inertia of the solid formed by revolving the shaded area around the axis. The density of the material is ρ . Express the result in terms of the total mass m of the solid. [7M]

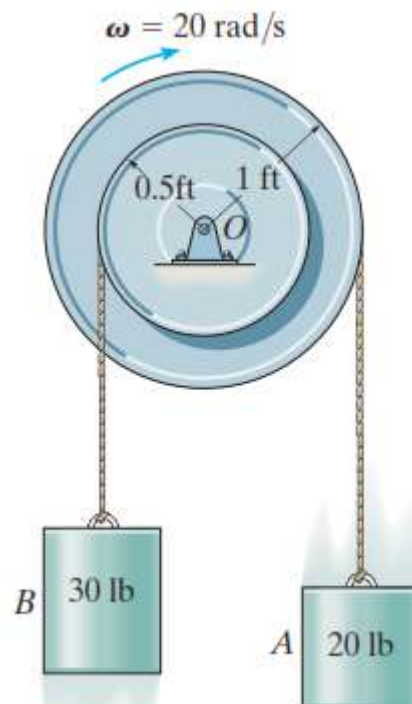


6. a) A motorist is travelling on a curved section of highway of radius 1000 m at the speed of 80 km/h. The motorist suddenly applies brakes, causing the bike to slow down at a constant rate. Knowing after 8 sec the speed has reduced to 40 km/h, determine the acceleration of the automobile immediately after the brakes have been applied. [7M]

- b) The 50-kg cylinder has an angular velocity of 30 rad/s when it is brought into contact with the surface at C. If the coefficient of kinetic friction is 0.2, determine how long it will take for the cylinder to stop spinning. What force is developed in link AB during this time? The axis of the cylinder is connected to two symmetrical links. (Only AB is shown.) For the computation, neglect the weight of the links. [7M]



7. a) The double pulley consists of two parts that are attached to one another. It has a weight of 50 lb and a radius of gyration about its center of $k_O = 0.6$ ft. If it rotates with an angular velocity of 20 rad/s clockwise, determine the kinetic energy of the system. Assume that neither cable slips on the pulley. [8M]



- b) Explain the principle of angular impulse and momentum. [6M]

III B. Tech I Semester Regular/Supplementary Examinations, October/November - 2019
ENVIRONMENTAL STUDIES

(Electronics and Communication Engineering)

Time: 3 hours

Max. Marks: 70

- Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)
 2. Answer **ALL** the question in **Part-A**
 3. Answer any **FOUR** Questions from **Part-B**

PART –A

(14 Marks)

- | | | |
|----|------------------------------------|------|
| 1. | a) Explain about Global warming. | [2M] |
| | b) Write about World food problems | [2M] |
| | c) Define ecosystem diversity. | [2M] |
| | d) Define Noise pollution. | [3M] |
| | e) Write about Public awareness. | [3M] |
| | f) What is EMP? | [2M] |

PART –B

(56 Marks)

- | | | |
|----|---|-------|
| 2. | a) Explain the Role of information Technology in Environment and human health. | [7M] |
| | b) Explain the characteristic features of Forest ecosystem. | [7M] |
| 3. | a) Describe food chain, food web and ecological pyramids with suitable examples and Diagrams. | [7M] |
| | b) Define what is forest community? Explain the direct and indirect benefits from forests. | [7M] |
| 4. | a) Comment upon Indian biodiversity with special reference as a mega diversity nation. | [7M] |
| | b) What is Red Data Book? What do you mean by extinct, endangered, vulnerable and rare species? | [7M] |
| 5. | Describe the Sources, Effects and Methods of control of the following: | [14M] |
| | i) Sources of water pollution | |
| | ii) Noise Pollution. | |
| 6. | a) Explain about Urban problems related to energy. | [7M] |
| | b) Explain about Forest Conservation Act. | [7M] |
| 7. | a) Discuss the process of Screening and Scoping as applicable to EIA in Indian context. | [7M] |
| | b) List the criteria to be considered while selecting an EIA Methodologies. | [7M] |



I B.TECH I SEMESTER (R16)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

I B. TECH - I SEMESTER (R16 REGULATION) SUPPLEMENTARY EXAMINATIONS, AUG./SEP. - 2022

TIME TABLE

TIME: 10.00 AM TO 01.00 PM

Branch	17-08-2022 (Wednesday)	22-08-2022 (Monday)	24-08-2022 (Wednesday)	26-08-2022 (Friday)	29-08-2022 (Monday)	01-09-2022 (Thursday)	03-09-2022 (Saturday)
Subjects	ENGLISH-I (R161101)	ENGINEERING DRAWING (R161113) (Com to ECE,EIE, E Com E) ENGINEERING DRAWING (R161112) (Com to CSE, IT, Agri E)	APPLIED CHEMISTRY (R161106) (Only EEE) APPLIED PHYSICS (R161104) (Com. to ECE,CSE, IT, EIE, ECom.E) ENGINEERING PHYSICS (R161103) (Only Agri E) ENGINEERING CHEMISTRY (R161105) (Com. to Aero E,Bio-Tech, Chem E, CE, Min E, Metal E, PE, PChem.E, Auto E, ME)	MATHEMATICS – II (R161109) (Mathematical Methods) (Com to CSE, IT, Agri E) MATHEMATICS – II (R161110) (Numerical Methods and Complex variables) (Com to ECE, EIE, ECom E) ENGINEERING MECHANICS (R161111) (Com. to Aero E, Auto E, Bio-Tech, Chem E, CE, EEE, ME, Metal E, Min E, PChem E, PE)	COMPUTER PROGRAMMING (R161107) (Com. to ECE, Aero E, Auto E, Bio-Tech, Chem E, CE, CSE, IT, EIE, EEE, ME, Metal E, Min E, PChem E, PE, ECom E)	ENVIRONMENTAL STUDIES (R161108) (Com. to Agri E, Auto E, Bio-Tech, Chem E, CE, EEE,ME, Metal E, Min E, PChem E, PE, Aero E)	MATHEMATICS-I (R161102)

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DATE: 27-07-2022

Controller of Examinations