



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

Dr. No. DAP/10/1 Year - B. Tech 2022

Date 23.09.2022

Dr. KVS G 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
Commencement of Class Work	26.09.2022		
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
Commencement of II Semester Class Work	27.02.2023		
II SEMESTER			
I Unit of Instructions	27.02.2023	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

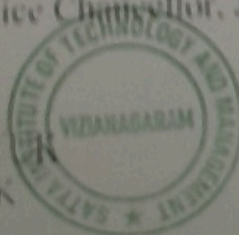
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SPOC, IOAC
SITAM, Gajularega
Vizianagaram, A.P., INDIA

[Signature]

Director,
Academic Planning
JNTUK Kakinada

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Copy to the PA to the Director, JNTUK
Copy to the PA to Registrar, JNTUK
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Copy to Director of Evaluation, JNTUK



[Signature]
Dr. D. V. Rama Murthy
Principal
Satya Institute of Technology and
Management (SITAM),
Gajularega, Vizianagaram



Directorate of Academic Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh, INDIA
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Lr. No. DAP/RAC/II Year /B. Tech/2022-23

Date 29.04.2023

Dr. KVSG Murali Krishna,

M.E. Ph.D.

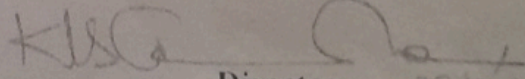
Director, Academics & Planning
JNTUK, Kakinada

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JNTUK, Kakinada.

Revised Academic Calendar for II B. Tech for the AY 2022-23
(2021-22 Admitted Batch)

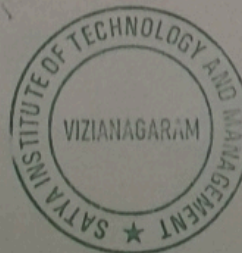
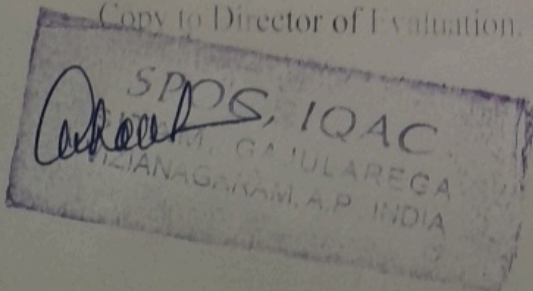
II SEMESTER			
I Unit of Instructions	30.01.2023	25.03.2023	8W
I Mid Examinations	20.03.2023	25.03.2023	
II Unit of Instructions	27.03.2023	20.05.2023	8W
Summer Internship *	22.05.2023	17.06.2023	4W
II Mid Examinations	15.06.2023	17.06.2023	
Preparation & Practicals	19.06.2023	24.06.2023	1W
End Examinations	26.06.2023	08.07.2023	2W
Commencement of III-I Class Work	10.07.2023		

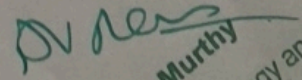
* The remaining summer internship can be done in online mode during
III B. Tech I semester class work.


Director, 29.4.23

Academics & Planning, JNTUK
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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/RAC/III Year B. Tech 2022-23

Date 29.04.2023

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M.E. Ph.D.

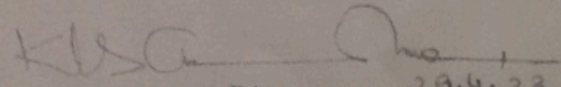
Director, Academics & Planning
JNTUK, Kakinada

To
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JNTUK, Kakinada.

Revised Academic Calendar for III B. Tech for the AY 2022-23
(2020-21 Admitted Batch)

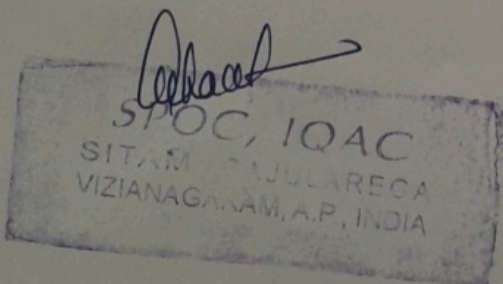
II SEMESTER			
I Unit of Instructions	09.01.2023	04.03.2023	8W
I Mid Examinations	06.03.2023	11.03.2023	1W
II Unit of Instructions	13.03.2023	06.05.2023	8W
II Mid Examinations	08.05.2023	13.05.2023	1W
Summer Internship *	15.05.2023	17.06.2023	5W
Preparation & Practicals	19.06.2023	24.06.2023	1W
End Examinations	26.06.2023	08.07.2023	2W
Commencement of IV-I Class Work	10.07.2023		

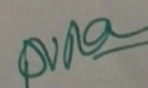
* The remaining summer internship can be done in online mode during
IV B. Tech I semester class work.


29.4.23

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

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Directorate of Academic Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA - 533007 Andhra Pradesh, INDIA
(Established by AP Government Act No. 50 of 2008)

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

Date: 14-09-2022

Dr. KVSG Murali Krishna,

M.E. P.O.

Director, Academic Planning
JNTUK, Kakinada

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

Academic Calendar of II Year MBA for Academic year 2022-23

I SEMESTER			
Description	From	To	Weeks
Commencement of Project Work	06.10.2022		
Project Work	06.10.2022	05.11.2022	5W
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 & End Examinations	27.02.2023	11.03.2023	2W
Commencement of II Semester Class Work	13.03.2023		
II SEMESTER			
II Unit of Instructions	13.03.2023	06.05.2023	8W
I Mid Examinations	01.05.2023	06.05.2023	
II Unit of Instructions	08.05.2023	01.07.2023	8W
II Mid Examinations	26.06.2023	01.07.2023	
Preparation, Practicals & End Examinations	03.07.2023	15.07.2023	2W

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

*Out of the Total 45 Days Project work 5 weeks will be offline and remaining project work can be done during the II-I semester weekends and holidays.

Director, Academic Planning
JNTUK Kakinada

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SITAM, SAJULAREGA
VIZIANAGARAM, A.P., INDIA



Dr. D. V. Rama Murthy
Principal
Satya Institute of Technology and
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Gajularega, Vizianagaram



Phone: Off: 08922-294316

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Directorate of Academic Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY - GURAJADA-VIZIANAGARAM
VIZIANAGARAM - 535 003 Andhra Pradesh (India)
 (Established by Andhra Pradesh Act No.22 of 2021)

Dr. K. Chandra Bhushana Rao

Date: 04 /03/2023

ME, Ph.D

Professor of Electronics and Communication Engineering
 Director i/c, Academic and Planning,

To

All the Principals of Affiliated Colleges,
 JNTUGV, Vizianagaram

Academic Calendar for 1 Year II Semester MBA and MCA for the Academic Year 2022-23

II SEMESTER			
Description	From	To	Weeks
Commencement of Class Work	20.03.2023		
I Unit of Instruction	20.03.2023	06.05.2023	8W
I Mid Examinations	08.05.2023	13.05.2023	1W
II Unit of Instructions	15.05.2023	01.07.2023	8W
II Mid Examinations	03.07.2023	08.07.2023	1W
Preparation & Practical's	10.07.2023	15.07.2023	1W
End Examination	17.07.2023	29.07.2023	2 W
Note: Calendar Is Prepared With 8 Hour/Day Hence 7 Week Per Instruction Period			

DAP i/c, JNTUGV

Prof. K.C.B.Rao

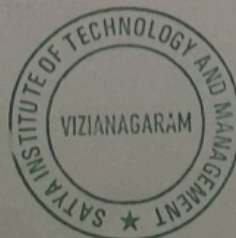
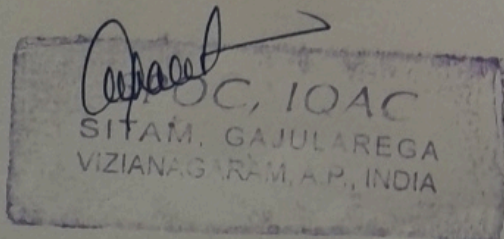
Director, Academic and Planning (DAP)
 JNTUGV-VIZIANAGARAM-535003

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**DEPARTMENT OF MANAGEMENT STUDIES****I YEAR I SEM (R19) I-MID EXAMINATIONS FEB 2023**

Subject: Legal business environment	Code: MB1915
Branch: MBA	Semester: I
Year: 2022-23	Time: 10:30 AM -12:30 PM
Date: 10/01/23	Duration: 2 hours
Marks: 15	Examiner: Mr N.Prudhvi

Answer all questions. All questions carry equal marks.

1. Explain about NITI AAYOG.? (5M)

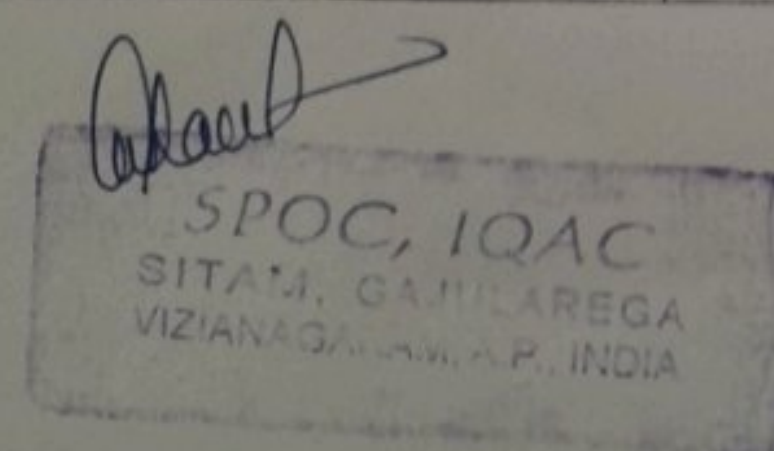
Course Outcome -01	Program outcome-01
A learner will be able to infer legal aspects of doing business and plan business activities.	Apply the knowledge of management theories and practices to solve business problems

2. Explain the types of economic policies? (5M)

Course Outcome -02	Program outcome-02
A learner will be able to analyse the elements of social, political and economic environment around a firm.	Foster analytical and critical thinking abilities for data based decision making.

3. Explain about Indian contract act of 1872 ? (5M)

Course Outcome -03	Program outcome-04
The learner will be able to make use of provisions of the contract act to evaluate a contract used in commercial practice.	Specify and follow strong ethical values



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Gajularega, Vizianagaram, Andhra Pradesh -535002

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

II B.TECH II SEM (R20) I-MID EXAMINATIONS MAR-2023



SUBJECT NAME: ANALOG COMMUNICATIONS	
II B.TECH II SEM	Subject Code: R2022043
DATE: 23-03-2023	TIME: 2:00 PM - 3:30 PM
Max.Marks: 15M	Mrs: V.Sirisha, Asst.Prof, Dept.of ECE
All questions carry equal marks** Answer all questions.	

Q1. Explain the block diagram of communication system and need for modulation. (5M)

Course Outcome - 3	Program outcome-2
Analyze various functional blocks of radio transmitters and receivers.	Analyze Electronics and Communication Engineering problems and provide preliminary information useful for system and circuit design.

Q2. Explain the generation of DSB-SC by Balanced Modulator. (5M)

Course Outcome-1	Program outcome-3
Differentiate various Analog modulation and demodulation schemes and their spectral characteristics.	Design solutions for Electronics and Communication Engineering problems by considering various and relevant factors.

Q3. Explain Balanced Frequency Discriminator circuit for FM demodulation. (5M)

Course Outcome-1	Program outcome-7
Differentiate various Analog modulation and demodulation schemes and their spectral characteristics.	Provide environmentally sustainable solutions to Electronics and Communication Engineering problems

NAME OF STUDENT:	HALL TICKET#:



Dr. D.V. Rama Murthy
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Gajularega, Vizianagaram

POWER ELECTRONICS	
III B.TECH I SEM	Subject Code: R2031022
29 th November 2022	2:00 PM - 3:30 PM
Max.Marks:30	Mr. R PAVANI, Asst.Prof, Dept.of EEE
All questions carry equal marks**Answer all questions.	

Q1. Explain 3 ph. full wave converter with RL load and draw its output waveforms and derive average output voltage equation?

10M

Course Outcome -03	Program outcome-PO3
Analyse the operation of 3ph full converters	Design and develop electrical system components that meet users specifications

Q2. Explain and derive output voltage equations for
 a) Buck converter b) Boost converter

10M

10M

Course Outcome-04	Program outcome-08
Examine the operation and design of different types of DC-DC converters.	Upkeep professional practices applicable to engineering situations.

3. a) Explain about PWM techniques?

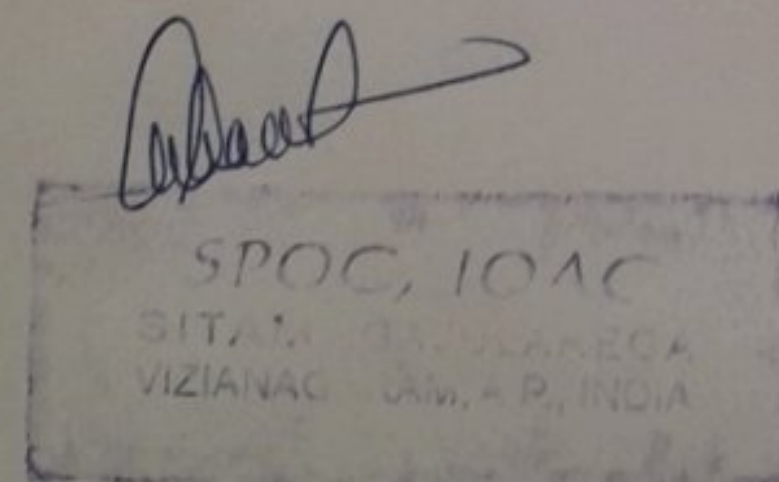
5M

b) Explain voltage source half bridge inverter with circuit and waveforms?

5M

Course Outcome-05	Program outcome-05
Analyse the operation of PWM inverters for voltage control and harmonic mitigation.	Develop and utilize modern tools, Resources to solve Electrical and Electronics Engineering problems.

NAME OF STUDENT:	HALL TICKET#:
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Handwritten signature and stamp of Dr.D.V.Rama Murthy, Principal, Satya Institute of Technology and Management (SITAM), Gajularega, Vizianagaram.



SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, VIZIANAGARAM

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Gajula Rega, Vizianagaram - 535 002, ANDHRA PRADESH, INDIA

IV-B.TECH I-SEM I-MID EXAMINATIONS - SEP -2022

Subject Code: R1941015B

Subject Name: ENVIRONMENTAL POLLUTION AND CONTROL

MECHANICAL ENGINEERING

SET-1

Date: 12-09-2022

Duration : 90 min

TOTAL MARKS : 30

Q1.a) What are primary and secondary pollutants? Give examples

b) Explain any two methods of controlling Gaseous Emissions

PO2	CO1	5+5=10 marks
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Q2.a) Explain the various characteristics of industrial wastewater.

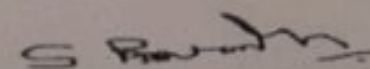
b) State the significance and working principle of Equalization tanks with a neat sketch.

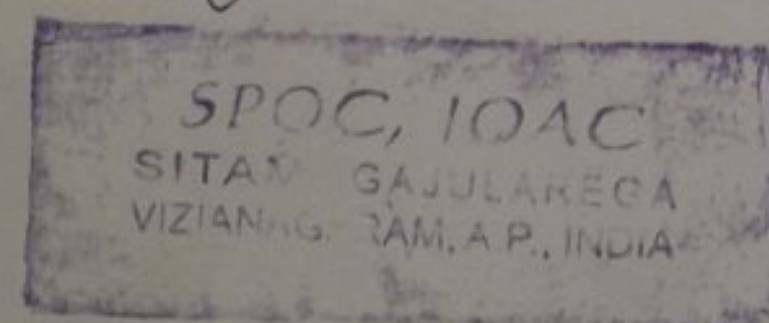
PO2	CO1	5+5=10 marks
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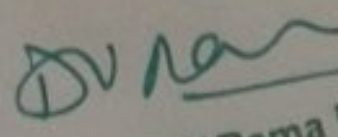
Q3.a) Write a detailed note on solid waste management

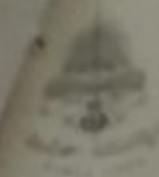
b) Write a short note on i) Composting ii) Landfill.

PO2	CO4	5+5=10 marks
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Name of the paper-setter: S.PRASANTH	Department of the Paper-setter: Mechanical
Date: 01-09-2022	Signature of the paper-setter: 




Dr.D.V.Rama Murthy
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Satya Institute of Technology and
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Gajula Rega, Vizianagaram - 535 002, ANDHRA PRADESH, INDIA

IV-B.TECH I-SEM I-MID EXAMINATIONS - SEP -2022

Subject Code: R1941015B

Subject Name: ENVIRONMENTAL POLLUTION AND CONTROL

MECHANICAL ENGINEERING

SET-1

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Duration : 90 min

TOTAL MARKS : 30

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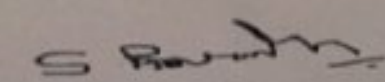
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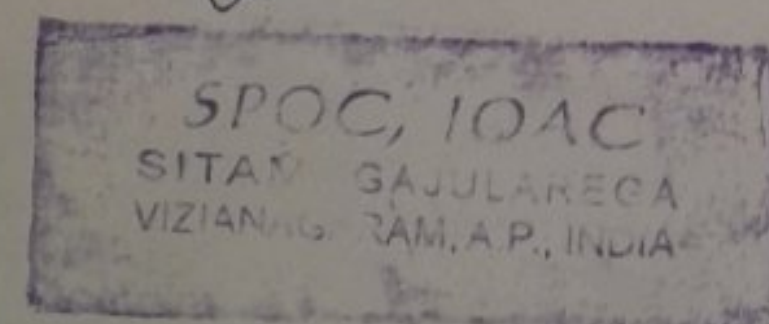
PO2	CO1	5+5=10 marks
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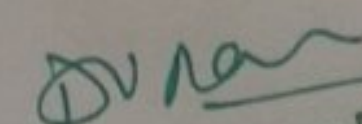
Q3.a) Write a detailed note on solid waste management

b) Write a short note on i) Composting ii) Landfill.

PO2	CO4	5+5=10 marks
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Name of the paper-setter: S.PRASANTH	Department of the Paper-setter: Mechanical
Date: 01-09-2022	Signature of the paper-setter: 




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Gajularega, Vizianagaram