

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

I B. TECH - II SEMESTER (R16 REGULATION) – REGULAR/SUPPLEMENTARY EXAMINATIONS, APRIL/MAY - 2019

TIME TABLE

TIME: 02.00 PM TO 5.00 PM

Branch	15.04.2019 (Monday)	17.04.2019 (Wednesday)	25.04.2019 (Thursday)	29.04.2019 (Monday)	07.05.2019 (Tuesday)	09.05.2019 (Thursday)	11.05.2019 (Saturday)
Subjects	ENGLISH-II (Common to all branches)	MATHEMATICS-III (Com to AE,AME,CE,CSE,IT, EIE,EEE,ME,ECE,Me tal E, Min E, E Com E, Agri E, Chem E, PCE,PE)	APPLIED CHEMISTRY (Com. to CSE, IT, EIE, ECE, ECom E)	MATHEMATICS – II (Mathematical Methods) (Com to AE,AME,Bio-Tech,Chem E,CE,EEE,ME,Metal E, Min E,PCE,PE)	APPLIED PHYSICS (Only EEE)	ENGINEERING PHYSICS (AE,AME, Bio-Tech,Chem E,CE,ME,Metal E, Min E, PCE, PE)	ENVIRONMENTAL STUDIES (Com. to CSE, IT, EIE, ECE, ECom E)
			ELEMENTS OF MECHANICAL ENGINEERING (Com. to Chem E,CE,PCE,PE)	PRINCIPLES OF SOIL SCIENCE & AGRONOMY (Only Agri E)	DATA STRUCTURES (Com. to EIE,ECE, E Com E)	ENGINEERING CHEMISTRY (Only Agri E)	ENGINEERING DRAWING (Com to AE,AME,Chem E, ME,Metal E,Min E,PCE,PE)
			COMPUTER PROGRAMMING (Only Agri E)	ELECTICAL AND MECHANICAL TECHNOLOGY (Com. to EIE,ECE, E Com E)	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING (Com. to AE,AME,ME,Metal E, Min E)	OBJECT ORIENTED PROGRAMMING THROUGH C++ (Com. to CSE,IT)	
			ELECTRICAL CIRCUITS ANALYSIS-I (Only EEE)		ENGINEERING MECHANICS (Com. to CSE, IT, Agri E)		
			PROCESS ENGINEERING PRINCIPLES (Only Bio- Tech)				

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 TIME TABLE IMMEDIATELY.

DATE: 18-03-2019

N. Mohan Rao

Controller of Examinations

I B.TECH II SEMESTER (R16)

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

TIME TABLE

DATE OF EXAMINATION: 14.05.2019 (Tuesday)

TIME OF EXAMINATION: 02.00 PM TO 5.00 PM

ENGINEERING DRAWING (Com to Bio-Tech, CE, EEE)

NOTE:

- i. ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.
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Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINAPDA
UNIVERSITY EXAMINATION CENTER, KAKINADA

TIME TABLE

I B.TECH II SEMESTER SUBSTITUTE SUBJECTS OF READMITTED STUDENTS FROM R13 TO R16 REGULATIONS

DATE OF EXAMINATION: 16.05.2019 (Thursday)	TIME OF EXAMINATION: 02.00 PM TO 5.00 PM
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BRANCH	THE SUBJECTS OF R13 REGULATIONS, ALREADY STUDIED BY THE RE-ADMITTED STUDENTS OF R13 REGULATIONS	SUBSTITUTE SUBJECTS FOR RE-ADMITTED STUDENTS OF R16 REGULATIONS
Electrical and Electronics Engineering	Mathematics-II	Computer Programming
Computer Science Engineering	Engineering Mechanics	Engineering Drawing
Information Technology	Engineering Mechanics	Engineering Drawing

DATE OF EXAMINATION: 18.05.2019 (Saturday)	TIME OF EXAMINATION: 02.00 PM TO 5.00 PM
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BRANCH	THE SUBJECTS OF R13 REGULATIONS, ALREADY STUDIED BY THE RE-ADMITTED STUDENTS OF R13 REGULATIONS	SUBSTITUTE SUBJECTS FOR RE-ADMITTED STUDENTS OF R16 REGULATIONS
Electrical and Electronics Engineering	Applied Physics	Applied Chemistry
Computer Science Engineering	Environmental Studies	Mathematics-II (Mathematical Methods)
Information Technology	Environmental Studies	Mathematics-II (Mathematical Methods)

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Date: 18.03.2019

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINAPDA
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TIME TABLE

I B.TECH II SEMESTER SUBSTITUTE SUBJECTS OF READMITTED STUDENTS FROM R13 TO R16 REGULATIONS

DATE OF EXAMINATION: 21.05.2019 (Tuesday)		TIME OF EXAMINATION: 02.00 PM TO 5.00 PM
BRANCH	THE SUBJECTS OF R13 REGULATIONS, ALREADY STUDIED BY THE RE-ADMITTED STUDENTS OF R13 REGULATIONS	SUBSTITUTE SUBJECTS FOR RE-ADMITTED STUDENTS OF R16 REGULATIONS
Electrical and Electronics Engineering	Engineering Drawing	Engineering Mechanics
Computer Science Engineering	Applied Chemistry	Applied Physics
Information Technology	Applied Chemistry	Applied Physics

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

I B. TECH - II SEMESTER (R13) – SUPPLEMENTARY EXAMINATIONS, APRIL/MAY– 2019

TIME TABLE

TIME : 02.00 PM TO 5.00 PM

DATE & DAY	15.04.2019 (Monday)	17.04.2019 (Wednesday)	25.04.2019 (Thursday)	29.04.2019 (Monday)	07.05.2019 (Tuesday)	09.05.2019 (Thursday)	11.05.2019 (Monday)
SUBJECTS	ENGLISH-II (Common to All Branches)	ENGINEERING CHEMISTRY (Common to ECE, EEE, EIE, Bio-Tech, E Com E, Agri E)	MATHEMATICS-III (Common to All Branches)	ENGINEERING MECHANICS (Common to ECE, EEE, EIE, Bio-Tech, E Com E, Agri E)	COMPUTER PROGRAMMING (Common to ECE, EEE, EIE, Bio-Tech, E Com E, Agri E)	NETWORKS ANALYSIS (Common to ECE, EIE, E Com E)	ENGINEERING DRAWING (CSE, PCE, IT, Chem E, Aero E, Auto E, Min E, Pet E & Metal E)
		MATHEMATICS-II (MATHEMATICAL METHODS) (Common to CE, ME, CSE, PCE, IT, Chem E, Aero E, Auto E, Min E, Pet E, Metal E & Textile Engg)		ENGINEERING PHYSICS (Common to CE, ME, CSE, PCE, IT, Chem E, Aero E, Auto E, Min E, Pet E, Metal E & Textile Engg)	PROFESSIONAL ETHICS & HUMAN VALUES (Common to CE, ME, CSE, PCE, IT, Chem E, Aero E, Auto E, Min E, Pet E, Metal E & Textile Engg)	ELECTRICAL CIRCUITS ANALYSIS – I (EEE)	
					ENGINEERING DRAWING (CE, ME and Textile Engg)	ENVIRONMENTAL STUDIES (Bio-Tech, Agri E)	

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DATE: 18-03-2019

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

TIME TABLE

I B.TECH II SEMESTER SUBSTITUTE SUBJECTS OF READMITTED STUDENTS FROM R10 TO R13 REGULATIONS

DATE OF EXAMINATION: 14.05.2019 (Wednesday)		TIME OF EXAMINATION: 02.00 PM TO 5.00 PM
BRANCH	THE SUBJECTS OF R10 REGULATIONS, ALREADY STUDIED BY THE RE-ADMITTED STUDENTS OF R10 REGULATIONS	SUBSTITUTE SUBJECTS FOR RE-ADMITTED STUDENTS OF R13 REGULATIONS
Electrical and Electronics Engineering	Engineering Chemistry	Engineering Drawing (RA13209)
	Computer Programming	Engineering Drawing (RA13209)
Electronics and Communication Engineering	Computer Programming	Engineering Drawing (RA13209)

DATE OF EXAMINATION: 16.05.2019 (Friday)		TIME OF EXAMINATION: 02.00 PM TO 5.00 PM
BRANCH	SUBJECTS STUDIED IN I YEAR –I SEMESTER OF R10 AND GOT REPEATED IN I YEAR - II SEMESTER OF R13 REGULATIONS	SUBSTITUTE & EXTRA SUBJECTS RECOMMENDED IN ADDITION TO THE REMAINING SUBJECTS PRESENTS IN R13 REGULATIONS
Mechanical Engineering/Civil Engineering	Engineering Physics	Engineering Mechanics (RA13210) (Substitute theory subject)
Computer Science Engineering	Mathematical Methods	Mathematics-II(MM) (RA13207)
Information Technology	-----	Environmental Studies (RA13206)

I B.TECH II SEMESTER SUBSTITUTE SUBJECTS OF READMITTED STUDENTS FROM R10 TO R13 REGULATIONS

DATE OF EXAMINATION: 18.05.2019 (Saturday)		TIME OF EXAMINATION: 02.00 PM TO 5.00 PM
BRANCH	SUBJECTS STUDIED IN I YEAR –I SEMESTER OF R10 AND GOT REPEATED IN I YEAR - II SEMESTER OF R13 REGULATIONS	SUBSTITUTE & EXTRA SUBJECTS RECOMMENDED IN ADDITION TO THE REMAINING SUBJECTS PRESENTS IN R13 REGULATIONS
Mechanical Engineering/Civil Engineering	-----	Engineering Chemistry (RA13204) (Extra Theory Subject)
Electrical and Electronics Engineering	Computer Programming	Professional Ethics & Human Values (RA13208)

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II. B.TECH II SEMESTER (R16)

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

II B.TECH - II SEMESTER (R16 REGULATIONS) REGULAR/SUPPLEMENTARY EXAMINATIONS, APRIL/MAY – 2019

T I M E T A B L E

TIME : 2.00 PM TO 05.00 PM

BRANCH	DATE AND DAY					
	13-04-2019 (Saturday)	16-04-2019 (Tuesday)	18-04-2019 (Thursday)	27-04-2019 (Saturday)	30-04-2019 (Tuesday)	08.05.2019 (Wednesday)
CIVIL ENGINEERING (01- CE)	BUILDING PLANNING AND DRAWING	HYDRAULICS AND HYDRAULIC MACHINERY	TRANSPORTATION ENGINEERING-I	CONCRETE TECHNOLOGY	STRUCTURAL ANALYSIS - I	STRENGTH OF MATERIALS- II
ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)	MANAGEMENT SCIENCE (EEE,ECE,ECC)	SWITCHING THEORY AND LOGIC DESIGN	ELECTRICAL MEASUREMENTS	CONTROL SYSTEMS	POWER SYSTEMS-I	ELECTRICAL MACHINES-II
MECHANICAL ENGINEERING (03 - ME)	KINEMATICS OF MACHINERY (Com. to ME, AME, MM)	THERMAL ENGINEERING –I (Com. to ME,AME)	PRODUCTION TECHNOLOGY (Com. to ME, AME)	DESIGN OF MACHINE MEMBERS-I	INDUSTRIAL ENGINEERING AND MANAGEMENT (Com. to ME, AE,AME,Min E)	MACHINE DRAWING (Com. to ME, AME)
ELECTRONICS& COMMUNICATIONS ENGINEERING (04 - ECE)	MANAGEMENT SCIENCE (EEE,ECE,ECC)	PULSE AND DIGITAL CIRCUITS (Com. to ECE,EIE,ECC)	EM WAVES AND TRANSMISSION LINES (Com. to ECE, EIE)	ELECTRONIC CIRCUIT ANALYSIS (Com. to ECE, EIE)	CONTROL SYSTEMS (Com. to ECE,EIE,ECC)	ANALOG COMMUNICATIONS
COMPUTER SCIENCE& ENGINEERING (05 - CSE)	SOFTWARE ENGINEERING	JAVA PROGRAMMING (Com. to CSE, IT)	ADVANCED DATA STRUCTURES	COMPUTER ORGANIZATION (Com. to CSE, IT, ECC)	FORMAL LANGUAGES AND AUTOMATA THEORY	PRINCIPLES OF PROGRAMMING LANGUAGES (Com. to CSE,IT)

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II. B.TECH II SEMESTER (R16)

BRANCH	DATE AND DAY					
	13-04-2019 (Saturday)	16-04-2019 (Tuesday)	18-04-2019 (Thursday)	27-04-2019 (Saturday)	30-04-2019 (Tuesday)	08.05.2019 (Wednesday)
ELECTRONICS & INSTRUMENTATION ENGINEERING (10- EIE)	SIGNAL CONDITIONING	PULSE AND DIGITAL CIRCUITS (Com. to ECE,EIE,ECC)	ELECTRO MAGNETIC WAVES AND TRANSMISSION LINES (Com. to ECE, EIE)	ELECTRONIC CIRCUIT ANALYSIS (Com. to ECE, EIE)	CONTROL SYSTEMS Com. to ECE,EIE,ECC)	PRINCIPLES OF COMMUNICATION (Com. to EIE, ECC)
INFORMATION TECHNOLOGY (12 - IT)	COMPUTER GRAPHICS	JAVA PROGRAMMING (Com. to CSE, IT)	OBJECT ORIENTED ANALYSIS AND DESIGN USING UML	COMPUTER ORGANIZATION (Com. to CSE, IT, ECC)	E-COMMERCE	PRINCIPLES OF PROGRAMMING LANGUAGES(Com. to CSE,IT)
ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)	MANAGEMENT SCIENCE (EEE,ECE,ECC)	PULSE AND DIGITAL CIRCUITS (Com. to ECE,EIE,ECC)	OBJECT ORIENTED PROGRAMMING	COMPUTER ORGANIZATION (Com. to CSE, IT, ECC)	CONTROL SYSTEMS (Com. to ECE,EIE,ECC)	PRINCIPLES OF COMMUNICATION (Com. to EIE, ECC)
AERONUTICAL ENGINEERING (21 - AE)	AIRCRAFT SYSTEM AND INSTRUMENTS	APPLIED THERMODYNAMICS	ELEMENTS OF HEAT TRANSFER	MANUFACTURING TECHNOLOGY	INDUSTRIAL ENGINEERING AND MANAGEMENT (Com. to ME, AE,AME,Min E)	AERODYNAMICS -I

CONTINUED ON PAGE – 3

DATE AND DAY

BRANCH	DATE AND DAY					
	13-04-2019 (Saturday)	16-04-2019 (Tuesday)	18-04-2019 (Thursday)	27-04-2019 (Saturday)	30-04-2019 (Tuesday)	08.05.2019 (Wednesday)
AUTO MOBILE ENGG. (AME-24)	KINEMATICS OF MACHINERY (Com. to ME, AME, MM)	THERMAL ENGINEERING-I (Com. to ME, AME)	PRODUCTION TECHNOLOGY (Com. to ME, AME)	FLUID MECHANICS AND HYDRAULIC MACHINERY	INDUSTRIAL ENGINEERING AND MANAGEMENT (Com. to ME, AE, AME, Min E)	MACHINE DRAWING (Com. to ME, AME, MM)
MINING – (26-MM)	KINEMATICS OF MACHINERY (Com. to ME, AME, MM)	MATERIAL ENGINEERING	SURFACE MINING	MINE SURVEYING -I	INDUSTRIAL ENGINEERING AND MANAGEMENT (Com. to ME, AE, AME, Min E)	MINING GEOLOGY - II
PETROLEUM ENGINEERING (27-PE)	PROBABILITY AND STATISTICS	PETROLEUM EXPLORATION	THERMODYNAMICS FOR PETROLEUM ENGINEERS	PETROLEUM GEOLOGY	PROCESS HEAT TRANSFER	MOMENTUM TRANSFER
AGRICULTURAL ENGINEERING (35-AGE)	HEAT AND MASS TRANSFER	THEORY OF MACHINES	FARM POWER AND TRACTOR SYSTEMS	SURFACE WATER HYDROLOGY	SOIL MECHANICS	THEORY OF STRUCTURES

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N. Mohan Rao

DATE: 18-03-2019

Controller of Examinations

TIME TABLE OF II B.TECH II SEMESTER ADITIONAL SUBJECTS FOR READMITTED STUDENTS FROM R16 REGULATIONS

DATE OF EXAMINATION: 10-05-2019 (Friday)		TIME OF EXAMINATION: 02.00 PM TO 05.00 PM
BRANCH	SUBJECT ALREADY STUDIED	SUBSTITUTED SUBJECT
COMPUTER SCIENCE & ENGINEERING (05 - CSE)	-----	OBJECT ORIENTED PROGRAMMING THROUGH C++ (AR161215)

TIME TABLE OF II B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS FROM R16 REGULATIONS

DATE OF EXAMINATION: 10-05-2019 (Friday)		TIME OF EXAMINATION: 02.00 PM TO 05.00 PM
BRANCH	SUBJECT ALREADY STUDIED	SUBSTITUTED SUBJECT
MECHANICAL ENGINEERING (03 - ME)	PROFESSIONAL ETHICS AND HUMAN VALUES	FLUID MECHANICS & HYDRAULIC MACHINERY (P1622031)

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II. B.TECH II SEMESTER (R13)

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

II B.TECH - II SEMESTER (R13 REGULATIONS) SUPPLEMENTARY EXAMINATIONS, APRIL/MAY – 2019

T I M E T A B L E

TIME : 2.00 PM TO 05.00 PM

BRANCH	DATE AND DAY					
	13-04-2019 (Saturday)	16-04-2019 (Tuesday)	18-04-2019 (Thursday)	27-04-2019 (Saturday)	30-04-2019 (Tuesday)	08.05.2019 (Wednesday)
CIVIL ENGINEERING (01- CE)	BUILDING PLANNING AND DRAWING	HYDRAULICS AND HYDRAULIC MACHINERY	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (Com. to CE, EIE)	CONCRETE TECHNOLOGY	STRUCTURAL ANALYSIS - I	STRENGTH OF MATERIALS- II
ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)	ENVIRONMENTAL STUDIES	SWITCHING THEORY AND LOGIC DESIGN (Com. to EEE, ECE, EIE, ECC)	PULSE AND DIGITAL CIRCUITS (Com. to EEE, ECC)	POWER SYSTEMS-I	CONTROL SYSTEMS	ELECTRICAL MACHINES-II
MECHANICAL ENGINEERING (03 - ME)	KINEMATICS OF MACHINERY (Com. to ME, AME, MM)	THERMAL ENGINEERING –I	PRODUCTION TECHNOLOGY (Com. to ME, AME)	FLUID MECHANICS AND HYDRAULIC MACHINERY (Com. to ME, AME)	-----	MACHINE DRAWING (Com. to ME, AME,MM)
ELECTRONICS & COMMUNICATIONS ENGINEERING (04 - ECE)	ELECTRONIC CIRCUIT ANALYSIS (Com. to ECE, EIE)	SWITCHING THEORY AND LOGIC DESIGN (Com. to EEE, ECE, EIE, ECC)	ANALOG COMMUNICATIONS	MANAGEMENT SCIENCE	EM WAVES AND TRANSMISSION LINES (Com. to ECE, EIE)	RANDOM VARIABLES AND STOCHASTIC PROCESSES
COMPUTER SCIENCE & ENGINEERING (05 - CSE)	PROBABILITY AND STATISTICS (Com. to CSE, IT, CHEM, PE, PCE)	JAVA PROGRAMMING (Com. to CSE, IT)	ADVANCED DATA STRUCTURES (Com. to CSE, IT)	COMPUTER ORGANIZATION (Com. to CSE, IT, ECC)	FORMAL LANGUAGES AND AUTOMATA THEORY	-----

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II. B.TECH II SEMESTER (R13)

BRANCH	DATE AND DAY					
	13-04-2019 (Saturday)	16-04-2019 (Tuesday)	18-04-2019 (Thursday)	27-04-2019 (Saturday)	30-04-2019 (Tuesday)	08.05.2019 (Wednesday)
CHEMICAL ENGINEERING (08 - CHEM)	PROBABILITY AND STATISTICS (Com. to CSE, IT, CHEM, PE, PCE)	MATERIALS SCIENCE & ENGINEERING / METALLURGY & MATERIALS SCIENCE (Com. to CHEM, PE, PCE)	MECHANICAL UNIT OPERATIONS (Com. to CHEM, PCE)	CHEMICAL ENGINEERING THERMODYNAMICS-I (Com. to CHEM, PCE)	INORGANIC CHEMICAL TECHNOLOGY	MOMENTUM TRANSFER (Com. to CHEM, PE, PCE)
ELECTRONICS & INSTRUMENTATION ENGINEERING (10- EIE)	ELECTRONIC CIRCUIT ANALYSIS (Com. to ECE, EIE)	SWITCHING THEORY AND LOGIC DESIGN (Com. to EEE, ECE, EIE, ECC)	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS (Com. to CE, EIE)	SIGNAL CONDITIONING	ELECTRO MAGNETIC WAVES AND TRANSMISSION LINES (Com. to ECE, EIE)	PRINCIPLES OF COMMUNICATION (Com. to EIE, ECC)
INFORMATION TECHNOLOGY (12 - IT)	PROBABILITY AND STATISTICS (Com. to CSE, IT, CHEM, PE, PCE)	JAVA PROGRAMMING (Com. to CSE, IT)	ADVANCED DATA STRUCTURES (Com. to CSE, IT)	COMPUTER ORGANIZATION (Com. to CSE, IT, ECC)	LANGUAGE PROCESSORS	-----
ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)	SOFTWARE ENGINEERING	SWITCHING THEORY AND LOGIC DESIGN (Com. to EEE, ECE, EIE, ECC)	PULSE AND DIGITAL CIRCUITS (Com. to EEE, ECC)	COMPUTER ORGANIZATION (Com. to CSE, IT, ECC)	OBJECT ORIENTED PROGRAMMING	PRINCIPLES OF COMMUNICATION (Com. to EIE, ECC)
AERONUTICAL ENGINEERING (21 - AE)	AIRCRAFT ENGINEERING DRAWING	IC ENGINES AND GAS TURBINES	CONTROL SYSTEMS	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING (Com. to AE, MET)	AIRCRAFT PRODUCTION TECHNOLOGY	AERODYNAMICS -I

CONTINUED ON PAGE – 3

BRANCH	DATE AND DAY					
	13-04-2019 (Saturday)	16-04-2019 (Tuesday)	18-04-2019 (Thursday)	27-04-2019 (Saturday)	30-04-2019 (Tuesday)	08.05.2019 (Wednesday)
BIO-TECHNOLOGY (23 - BIO)	HEAT TRANSFER IN BIOPROCESS	PROCESS ENGINEERING PRINCIPLES	INSTRUMENTAL METHODS OF ANALYSIS	MOLECULAR BIOLOGY	ENVIRONMENTAL BIOTECHNOLOGY	BIOPROCESS ENGINEERING
AUTO MOBILE ENGG. (AME-24)	KINEMATICS OF MACHINERY (Com. to ME, AME, MM)	THERMAL ENGINEERING	PRODUCTION TECHNOLOGY (Com. to ME, AME)	FLUID MECHANICS AND HYDRAULIC MACHINERY (Com. to ME, AME)	INDUSTRIAL ENGG. AND MANAGEMENT	MACHINE DRAWING (Com. to ME, AME, MM)
MINING – (26-MM)	KINEMATICS OF MACHINERY (Com. to ME, AME, MM)	MATERIAL ENGINEERING	SURFACE MINING	MINE SURVEYING -I	MINING GEOLOGY - II	MACHINE DRAWING (Com. to ME, AME, MM)
PETROLEUM ENGINEERING (27-PE)	PROBABILITY AND STATISTICS (Com. to CSE, IT, CHEM, PE, PCE)	MATERIALS SCIENCE & ENGINEERING / METALLURGY & MATERIALS SCIENCE (Com. to CHEM, PE, PCE)	THERMODYNAMICS FOR PETROLEUM ENGINEERS	PETROLEUM GEOLOGY	PROCESS HEAT TRANSFER (Com. to PE, PCE)	MOMENTUM TRANSFER (Com. to CHEM, PE, PCE)
PETROCHEMICAL ENGINEERING (28-PCE)	PROBABILITY AND STATISTICS (Com. to CSE, IT, CHEM, PE, PCE)	MATERIALS SCIENCE & ENGINEERING / METALLURGY & MATERIALS SCIENCE (Com. to CHEM, PE, PCE)	MECHANICAL UNIT OPERATIONS (Com. to CHEM, PCE)	CHEMICAL ENGINEERING THERMODYNAMICS-I (Com. to CHEM, PCE)	PROCESS HEAT TRANSFER (Com. to PE, PCE)	MOMENTUM TRANSFER (Com. to CHEM, PE, PCE)
METALLURGICAL ENGINEERING (17-MET)	MINERAL DRESSING	INSTRUMENTATION	METALLURGICAL ANALYSIS	BASIC ELECTRICAL AND ELECTRONICS ENGG (Com. to AE, MET)	PRINCIPLES OF EXTRACTIVE METALLURGY	METALLURGICAL THERMODYNAMICS
AGRICULTURAL ENGINEERING (35-AGE)	HEAT AND MASS TRANSFER	THEORY OF MACHINES	FARM POWER AND TRACTOR SYSTEMS	SURFACE WATER HYDROLOGY	SOIL MECHANICS	PRINCIPLE OF SOIL SCIENCES AND AGRONOMY

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N. Mohan Rao

DATE: 18-03-2019

Controller of Examinations

TIME TABLE FOR II B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS FROM R10 TO R13 REGULATIONS

DATE OF EXAMINATION: 13-04-2019 (Saturday)	TIME OF EXAMINATION: 02.00 PM TO 05.00 PM
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BRANCH	NAME OF THE SUBJECTS ALREADY STUDIED IN THE PRESENT SEMESTER	SUGGESTED SUBJECTS FOR PRESENT SEMESTER
ELECTRICAL & ELECTRONICS ENGINEERING (02 - EEE)	ENVIRONMENTAL STUDIES	ELECTRICAL CIRCUIT ANALYSIS - I READMITTED IN II B.TECH I SEMESTER
		ELECTRICAL CIRCUIT ANALYSIS - II READMITTED IN II B.TECH II SEMESTER
COMPUTER SCIENCE AND ENGINEERING (05 - CSE)	PROBABILITY AND STATISTICS	OBJECT ORIENTED PROGRAMMING THROUGH C++
INFORMATION TECHNOLOGY (12 - IT)	PROBABILITY AND STATISTICS	OBJECT ORIENTED PROGRAMMING THROUGH C++

NOTE:

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DATE: 18-03-2019

N. Mohan Rao
Controller of Examinations

TIME TABLE FOR II B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS FROM R10 TO R13 REGULATIONS

DATE OF EXAMINATION: 30-04-2019 (Tuesday)	TIME OF EXAMINATION: 02.00 PM TO 05.00 PM
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BRANCH	NAME OF THE SUBJECTS ALREADY STUDIED IN THE PRESENT SEMESTER	SUGGESTED SUBJECTS FOR PRESENT SEMESTER
MECHANICAL ENGINEERING (03 - ME)	FLUID MECHANICS AND HYDRAULIC MACHINE TOOLS	MECHANICS OF SOLIDS

DATE OF EXAMINATION: 08-05-2019 (Wednesday)	TIME OF EXAMINATION: 02.00 PM TO 05.00 PM
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BRANCH	NAME OF THE SUBJECTS ALREADY STUDIED IN THE PRESENT SEMESTER	SUGGESTED SUBJECTS FOR PRESENT SEMESTER
ELECTRONICS AND COMMUNICATION ENGINEERING (04 - ECE)	RANDOM VARIABLES AND STOCHASTIC PROCESS	DATA STRUCTURES

NOTE:

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DATE: 18-03-2019

N. Mohan Rao

Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B TECH - II SEMESTER (R16 REGULATION) REGULAR EXAMINATIONS – APRIL/MAY, 2019**T I M E T A B L E****T I M E: 10.00AM TO 1.00 PM**

BRANCH	DAY AND DATE				
	15-04-2019 (Monday)	17-04-2019 (Wednesday)	25-04-2019 (Thursday)	29-04-2019 (Monday)	07-05-2019 (Tuesday)
CIVIL ENGINEERING (01-CE)	Design and Drawing of Steel Structures (R1632011)	Geotechnical Engineering – I (R1632012)	Environmental Engineering – I (R1632013)	Water Resources Engineering–I (R1632014)	<u>OPEN ELECTIVE:-</u>
					Electronic Instrumentation
					Data Base Management Systems
					Alternative Energy Sources
					Waste water Management
					Fundamentals of Liquefied
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	Power Electronic Controllers & Drives (R1632021)	Power System Analysis (R1632022)	Micro Processors and Micro controllers (R1632023)	Data Structures (R1632024)	<u>OPEN ELECTIVE:-</u>
					Unix and Shell Programming
					OOPS Through JAVA
					VLSI Design
					Robotics
					Neural Networks & Fuzzy Logic
MECHANICAL ENGINEERING (03-ME)	Metrology (R1632031)	Instrumentation & Control Systems (R1632032)	Refrigeration & Air-conditioning (R1632033)	Heat Transfer - (R1632034)	<u>OPEN ELECTIVE:-</u>
					Entrepreneurship
					Data Base Management System
					Waste Water Management
					Computer Graphics
					Industrial Robotics
Green Engineering Systems					

ELECTRONICS & COMMUNICATION ENGINEERING (04-ECE)	Micro Processors & Micro Controllers (R1632041) (Common to ECE, EIE, E.COM.E)	Micro Wave Engineering (R1632042)	VLSI Design (R1632043) (Common to EEE- elective, ECE, EIE, E.COM.E)	Digital Signal Processing (R1632044)	OPEN ELECTIVE:-
					OOPs through Java
					Data Mining
					Industrial Robotics
					Power Electronics
					Bio-Medical Engineering
Artificial Neural Networks					
COMPUTER SCIENE & ENGINEERING (05-CSE)	Computer Networks (Common to CSE, IT)(R1632051)	Data Warehousing and Mining (Common to CSE,IT) (R1632052)	Design and Analysis of Algorithms (R1632053)	Software Testing Methodologies (Common to CSE. IT) (RT32054)	OPEN ELECTIVE:-
					Artificial Intelligence
					Internet of Things
					Cyber Security
					Digital Signal Processing
					Embedded Systems
Robotics					
ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)	Micro Processors & Micro Controllers (R1632041) (Common to ECE, EIE, E.COM.E)	Measuring Instruments (R1632102)	VLSI Design (Common to EEE- elective, ECE, EIE, E.COM.E) (R1632043)	Analytical Instrumentation (R1632101)	OPEN ELECTIVE:-
					OOPs through Java
					Data Mining
					Power Electronics
					Bio-Medical Engineering
					Artificial Neural Networks
INFORMATION TECHNOLOGY (12-IT)	Computer Networks (Common to CSE, IT)(R1632051)	Data Mining (R1632121)	Web Technologies (R1632122)	Software Testing Methodologies (Common to CSE. IT) (RT32054)	OPEN ELECTIVE:-
					Artificial Intelligence
					Social Networks and Semantic Web
					Digital Signal Processing
					Embedded Systems
					Robotics
Operations Research					

ELECTRONICS AND COMPUTER ENGINEERING (19-ECC)	Micro Processors & Micro Controllers (R1632041) (Common to ECE, EIE, E.COM.E)	OPERATING SYSTEM (R1632192)	VLSI Design (Common to ECE, EIE, E.COM.E) (R1632043)	DATA BASE MANAGEMENT SYSTEMS (R1632191)	OPEN ELECTIVE:-
					Data Mining
					Industrial Robotics
					Bio-Medical Engineering
					Artificial Neural Networks
AERONUTICAL ENGINEERIG (21-AE)	Aircraft stability and control (R1632211)	Aircraft Structures –II (R1632212)	Propulsion – II (R1632213)	Finite Element Method (R1632214)	OPEN ELECTIVE:-
					Data Base Management System
					Waste Water Management
					Entrepreneurship
					Satellite Technology
					Industrial Aerodynamics
Theory of Elasticity					
AUTO MOBILE ENGINEERING (24-AME)	Machine Tools & Metrology (R1632241)	Instrumentation & Control Systems (R1632242)	Automotive Electrical and Electronics (R1632243)	Alternative Energy Sources for Automobiles (R1632244)	OPEN ELECTIVE:-
					Electronic Instrumentation
					Data Base Management Systems
					Computer Graphics
					Green Engineering Systems
					Offroad Vechiles
					Automotive Emissions and Pollution Control

MINING ENGINEERING (26-MM)	Mine Systems Engineering (R1632261)	Mineral Engineering and Fuel Technology (R1632262)	Mine Environmental Engineering (R1632263)	Mining Machinery & Mechanization – II (R1632264)	OPEN ELECTIVE:-
					Industrial Robotics
					Entrepreneurship
					Quality and Reliability
					Waste Water Management
					Rock Excavation Engineering
					Mine Safety Engineering
PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY (27-PE)	Well Completions, Testing & Servicing - (R1632271)	Petroleum Production Engineering (R1632272)	Petroleum Reservoir Engineering-I (R1632273)	Petroleum Refinery & Petrochemical Engineering (R1632274)	OPEN ELECTIVE:-
					Electronic Instrumentation
					Big Data Analytics
					Alternative Energy Sources for Automobiles
					Waste Water Management
					Fundamentals of Liquefied Natural Gas
					Computational Fluid Dynamics
AGRICULTURAL ENGINEERING (35-AGE)	Irrigation and Drainage Engineering (R1632351)	Farm Machinery and Equipment – I (R1632352)	Design of Soil, Water Conservation and Farm Structures (R1632353)	Dairy and Food Engineering (R1632354)	OPEN ELECTIVE:-
					Operations Research
					Digital Control systems
					Robotics & Automation
					Industrial Pollution Control Engineering
					Finite Element Method
					Water Resources System Planning and Management

NOTE:

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DATE: 18-03-2019

N. Mohan Rao
Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA

III B TECH - II SEMESTER (R13 REGULATION) SUPPLEMENTARY EXAMINATIONS – APRIL/MAY, 2019

T I M E T A B L E

TIME: 10.00 AM TO 1.00 PM

BRANCH	DATE AND DAY						
	15-04-2019 (Monday)	17-04-2019 (Wednesday)	25-04-2019 (Thursday)	29-04-2019 (Monday)	07-05-2019 (Tuesday)	09-05-2019 (Thursday)	11-05-2019 (Saturday)
CIVIL ENGINEERING (01- CE)	Environmental Engineering – I RT32011	Geotechnical Engineering – II RT32012	Design and Drawing of Steel Structures RT32013	Water Resources Engineering–I RT32014	Transportation Engineering – II RT32015	-----	Open Elective
ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)	Microprocessors & Microcontrollers RT32021	Switchgear and Protection RT32022	Utilization of Electrical Energy RT32023	Power System Analysis RT32024	Management Science (comm to EEE and CHEM) RT32025	Power Semiconductor Drives RT32026	-----
MECHANICAL ENGINEERING (03 - ME)	Operations Research RT32031	Interactive Computer Graphics RT32032	Design of Machine Members– II RT32033	Robotics RT32034	Heat Transfer RT32035	Industrial Engineering Management RT32036	Departmental Elective
ELECTRONICS & COMMUNICATIONS ENGINEERING (04 - ECE)	Microprocessors and Microcontrollers (Com to ECE,EIE and E.Comp.E) RT32041	Digital Signal Processing RT32042	Digital Communications RT32043	Microwave Engineering RT32044	-----	-----	Open Elective
COMPUTER SCIENCE ENGINEERING (05 - CSE)	Software Engineering RT32051	Data Ware Housing and Mining (Comm to CSE,IT) RT32052	Computer Networks (Comm to CSE,IT) RT32053	Design and Analysis of Algorithms (Comm to CSE,IT) RT32054	Web Technologies (Comm to CSE,IT) RT32055	-----	IPR and Patents (COMM TO CSE, IT, CHEM, PE)

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BRANCH	DATE AND DAY						
	15-04-2019 (Monday)	17-04-2019 (Wednesday)	25-04-2019 (Thursday)	29-04-2019 (Monday)	07-05-2019 (Tuesday)	09-05-2019 (Thursday)	11-05-2019 (Saturday)
CHEMICAL ENGINEERING (08 - CHEM)	Process Engineering Economics RT32081	Mass Transfer Operations – II RT32082	Chemical Reaction Engineering-II RT32083	Process Dynamics & Control RT32084	Management Science (comm to EEE and CHEM) RT32025	-----	IPR and Patents (COMM TO CSE, IT, CHEM, PE) RT32056
ELECTRONICS AND INSTRUMENTATION ENGINEERING (10- EIE)	Micro Processors and Micro Controllers (Com to ECE,EIE and E.Comp.E) RT32041	Analytical Instrumentation RT32102	Measuring Instruments RT32103	Process Instrumentation RT32104	-----	-----	Open Elective
INFORMATION TECHNOLOGY (12 - IT)	Software Testing RT32121	Data Ware Housing and Mining (Comm to CSE,IT) RT32052	Computer Networks (Comm to CSE,IT) RT32053	Design and Analysis of Algorithms (Comm to CSE,IT) RT32054	Web Technologies (Comm to CSE,IT) RT32055	-----	IPR and Patents (COMM TO CSE, IT, CHEM, PE) RT32056
ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)	Micro Processors and Micro Controllers (Com to ECE,EIE and E.Comp.E) RT32041	Data Base Management Systems RT32192	Computer Networks RT32193	VLSI Design RT32194	Operating Systems RT32195	-----	Open Elective
AERONAUTICAL ENGINEERING (21 - AE)	Flight Mechanics –II RT32211	Aerospace Vehicle Structures –II RT32212	Aerospace Propulsion – II RT32213	Flight Vehicle Design RT32214	System Modeling And Simulation RT32215	-----	Departmental Elective

CONTINUED ON PAGE – 3

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BRANCH	DATE AND DAY						
	15-04-2019 (Monday)	17-04-2019 (Wednesday)	25-04-2019 (Thursday)	29-04-2019 (Monday)	07-05-2019 (Tuesday)	09-05-2019 (Thursday)	11-05-2019 (Saturday)
AUTOMOBILE ENGINEERING (AME-24)	Machine Tools & Metrology RT32241	Instrumentation & Control Systems RT32242	Automotive Electrical and Autotronics RT32243	Alternative Energy sources for Automobiles RT32244	Product Design and Assembly Automation RT32245	-----	Departmental Elective
MINING ENGINEERING (26-MM)	Mine Systems Engineering RT32261	Mineral Engineering & Fuel Technology RT32262	Mine Environmental Engineering-II RT32263	Mining Machinery RT32264	Under Ground Metal Mining Technology RT32265	-----	Departmental Elective
PETROLEUM ENGINEERING (27-PE)	Well Completions RT32271	Petroleum Reservoir Engineering – I RT32272	Petroleum Production Engineering & Design RT32273	Petroleum Refinery & Petrochemical Engineering RT32274	Surface Production Operations RT32275	-----	IPR and Patents (COMM TO CSE, IT, CHEM, PE) RT32056
AGRICULTURAL ENGINEERING (35-AGE)	Irrigation and Drainage Engineering RT32351	Farm Machinery and Equipment – I RT32352	Design of Soil, Water Conservation and Farm Structures RT32353	Dairy and Food Engineering RT32354	Theory of Structures RT32355	-----	Open Elective

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DATE: 18-03-2019

N. Mohan Rao
Controller of Examinations

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**TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS
FROM R10 TO R13 REGULATIONS**

DATE OF EXAMINATION: 15.04.2019 (Monday)		TIME OF EXAMINATION: 10.00AM TO 01.00 PM
BRANCH	SUBJECTS ALREADY STUDIED IN BY RE-ADMITTED CANDIDATES AS PER R10 REGULATIONS	RECOMMENDED SUGGESTED SUBJECTS AS PER R13 REGULATIONS
Mechanical Engineering	Operation Research	Metrology
Computer Science Engineering	Software Engineering (II-II)	Engineering Mechanics (I-I)
		Opps through C++
		Mathematics-III

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N. Mohan Rao
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**TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS
FROM R10 TO R13 REGULATIONS**

DATE OF EXAMINATION: 25.04.2019 (Thursday)		TIME OF EXAMINATION: 10.00AM TO 01.00 PM
BRANCH	SUBJECTS ALREADY STUDIED IN BY RE-ADMITTED CANDIDATES AS PER R10 REGULATIONS	RECOMMENDED SUGGESTED SUBJECTS AS PER R13 REGULATIONS
Computer Science Engineering	Computer Networks (III-I)	Data Communication (III-I)
Electronics and Communication Engineering	Digital Communications	Management Science
Information Technology	Computer Networks	Engineering Mechanics (I-I)

**TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS
FROM R10 TO R13 REGULATIONS**

DATE OF EXAMINATION: 29.04.2019 (Monday)		TIME OF EXAMINATION: 10.00AM TO 01.00 PM
BRANCH	SUBJECTS ALREADY STUDIED IN BY RE-ADMITTED CANDIDATES AS PER R10 REGULATIONS	RECOMMENDED SUGGESTED SUBJECTS AS PER R13 REGULATIONS
Civil Engineering	Water Resources Engineering-I (III-I)	Geotechnical Engineering-I
Computer Science Engineering	Design and Analysis of Algorithms	Principles of Programming Languages
Petroleum Engineering	Petroleum Refinery & Petrochemical Engineering	Well Engineering

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DATE: 18-03-2019

N. Mohan Rao
Controller of Examinations

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**TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS
FROM R10 TO R13 REGULATIONS**

DATE OF EXAMINATION: 07.05.2019 (Tuesday)		TIME OF EXAMINATION: 10.00AM TO 01.00 PM
BRANCH	SUBJECTS ALREADY STUDIED IN BY RE-ADMITTED CANDIDATES AS PER R10 REGULATIONS	RECOMMENDED SUGGESTED SUBJECTS AS PER R13 REGULATIONS
Information Technology	Web Technologies	Advanced Java

**TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS
FROM R10 TO R13 REGULATIONS**

DATE OF EXAMINATION: 09.05.2019 (Thursday)		TIME OF EXAMINATION: 10.00AM TO 01.00 PM
BRANCH	SUBJECTS ALREADY STUDIED IN BY RE-ADMITTED CANDIDATES AS PER R10 REGULATIONS	RECOMMENDED SUGGESTED SUBJECTS AS PER R13 REGULATIONS
Civil Engineering	Computer Aided Engineering Drawing	Surveying Field Work-I (II-I)

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DATE: 18-03-2019

N. Mohan Rao
Controller of Examinations

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**TIME TABLE OF III B.TECH II SEMESTER ADDITIONAL SUBJECTS FOR READMITTED STUDENTS
FROM R10 TO R13 REGULATIONS**

DATE OF EXAMINATION: 14.05.2019 (Tuesday)		TIME OF EXAMINATION: 10.00AM TO 01.00 PM
BRANCH	SUBJECTS ALREADY STUDIED IN BY RE-ADMITTED CANDIDATES AS PER R10 REGULATIONS	RECOMMENDED SUGGESTED SUBJECTS AS PER R13 REGULATIONS
Mechanical Engineering	-----	Managerial Economics and Financial Analysis (AT32101)
		Industrial Engineering Management (AT32036)

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DATE: 18-03-2019

Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA - 533003

IV B.TECH - II SEMESTER (R13) REGULAR/SUPPLEMENTARY EXAMINATIONS, APRIL/MAY - 2019

T I M E T A B L E

T I M E: 10.00 AM TO 1.00 PM

Branch	13.04.2019 (Saturday)	16.04.2019 (Tuesday)	18.04.2019 (Thursday)	27.04.2019 (Saturday)	30.04.2019 (Tuesday)
Civil Engineering (01)	Estimating, Specifications & Contracts (RT42011)	Elective-II: Engineering with Geo-synthetics (RT42012A)/ Environmental Impact Assessment and Management (RT42012B)/ Advanced Structural Engineering (RT42012C)/ Ground Water Development and Management (RT42012D)/ Traffic Engineering (RT42012E)/ Infrastructure Management (RT42012F)	Elective-III: Advanced foundation Engineering (RT42013A)/ Solid waste Management (RT42013B)/ Earthquake Resistant Design (RT42013C)/ Water Shed Management (RT42013D)/ Pavement Analysis and Design (RT42013E)/ Green Buildings (RT42013F)	Elective-IV: Soil Dynamics and Machine Foundations (RT42014A)/ Environmental and Industrial Hygiene(RT42014B)/ Repair and Rehabilitation of Structures(RT42014C)/ Water Resources System Planning and Management (RT42014D)/ Urban Transportation Planning (RT42014E)/ Safety Engineering (RT42014F)/ Bridge Engineering (RT42014G)	
Electrical and Electronics Engineering (02)	Digital Control Systems (RT42021)	Elective-II: Advanced Control Systems (RT42022A) High Voltage Engineering (RT42022B) Special Electrical Machines (RT42022C)	Elective-III: Electric Power Quality (RT42023A)/ Digital Signal Processing (RT42023B)/ FACTS: Flexible Alternating Current Transmission Systems (RT42023C)	Elective-IV: OOPS Through Java(RT42024A)/ UNIX and Shell Programming (RT42024B)/ AI Techniques (RT42024C)/ Power System Reforms (RT42024D)/ Systems Engineering (RT42024E)	
Mechanical Engineering (03)	Production Planning and Control (RT42031) (Common to ME, Mining)	Green Engineering Systems (RT42032)	Elective-III: Experimental Stress Analysis (RT42033A) (Common to ME,AME)/ Mechatronics (RT42033B)/ Advanced Materials (RT42033C)/ Power Plant Engineering(RT42033D)	Elective-IV: Non Destructive Evaluation(RT42034A)/ Advanced Optimization Techniques(RT42034B)/ Gas Dynamics & Jet Propulsion(RT42034C)/ Quality and Reliability Engineering (RT42034D)	

Electronics and Communication Engineering (04)	Cellular Mobile Communication (RT42041)	Electronic Measurements and Instrumentation (RT42042)	Elective-III: Satellite Communication (RT42043A)/ Mixed signal Design (RT42043B)/ Embedded systems (RT42043C) (<i>Common to ECE,EIE&ECC</i>) RF Circuit Design (RT42043D) Cloud Computing (RT42043E) (<i>Common to ECE,CSE</i>)	Elective-IV: Wireless Sensors and Networks (RT42044A) (<i>Common to ECE,EIE&ECC</i>) System on Chip (RT42044B) (<i>Common to ECE, EIE</i>) Low Power VLSI Design (RT42044C) Bio-Medical Ins(RT42044D)	EMI/EMC (RT42044E) (<i>Common to ECE, ECC</i>)
Computer Science and Engineering (05)	Distributed Systems (RT42051) (<i>Common to CSE, IT</i>)	Management Science (RT42052) (<i>Common to CSE, IT & AME</i>)	Elective-IV: Micro processors and Multi Core Systems (RT42054A)/ Embedded and Real Time Systems (RT42054B)/ Neural Networks & Soft Computing (RT42054C) / Social Networks and the Semantic Web(RT42054D)/ Cloud Computing (RT42043E) (<i>Common to CSE, ECE</i>)	Elective-III: Human Computer Interaction (RT42053A)/ (<i>Common to CSE, IT</i>) Advanced Operating Systems (RT42053B)/ (<i>Common to CSE, IT</i>) Mobile Adhoc & Sensor Networks(RT42053C)/ (<i>Common to CSE, IT</i>) Pattern Recognition(RT42053D)/ (<i>Common to CSE, IT</i>) Digital Image Processing (RT42053E)/ Micro processors and Multi Core Systems (RT42053F)	
Chemical Engineering (08)	Industrial Safety & Hazard Management (RT42081)	Elective-II: Multicomponent Distillation (RT42082A)/ Fluidization Engineering (RT42082B)/ Corrosion & Its Control (RT42082C)	Elective-III: Computational Fluid Dynamics (RT42083A)/ Optimization of Chemical Processes (RT42083B)/ Computational Methods in Chemical Engineering (RT42083C)	Elective-IV: Catalysis(RT42084A)/ Pipeline Engineering (RT42084B)/ Process Trouble Shooting (RT42084C)	
Electronics & Instrumentation Engineering (10)	Industrial Automation (RT42101)	Data Communication (RT42102)	Elective-III: Digital IC Design (RT42103A)/ Embedded systems (RT42043C) (<i>Common to ECE,EIE&ECC</i>)/ Micro electromechanical systems (MEMS) (RT42103B)/ Computer Networks (RT42103C)/ Advanced Computer Architecture (RT42103D)	Elective-IV: Wireless Sensors and Networks (RT42044A) (<i>Common to ECE,EIE&ECC</i>)/ Calibration & standards (RT42104A)/ Fiber Optic Sensors (RT42104B)/ Telemetry & Tele control (RT42104C)/ System on Chip(RT42044B) (<i>Common to ECE&EIE</i>)	

<p>Information Technology (12)</p>	<p>Distributed Systems (RT42051)/ <i>(Common to CSE, IT)</i></p>	<p>Management Science (RT42052) <i>(Common to CSE, IT & AME)</i></p>	<p>Mathematical Optimization (RT42121)</p>	<p>Elective-III: Human Computer Interaction (RT42053A)/ <i>(Common to CSE, IT)</i> Advanced Operating Systems (RT42053B)/ <i>(Common to CSE, IT)</i> Mobile Adhoc & Sensor Networks(RT42053C)/ <i>(Common to CSE, IT)</i> Pattern Recognition(RT42053D)/ <i>(Common to CSE, IT)</i></p>	
<p>Electronics & Computer Engineering (19)</p>	<p>Automata Theory & Compiler Design (RT42192)/</p>	<p>-----</p>	<p>Embedded Systems (RT42043C) <i>(Common to ECE,EIE&ECC)</i></p>	<p>Elective-IV: Wireless Sensor Networks (RT42044A) <i>(Common to ECE, ECC)</i>/ Real Time Operating Systems (RT42194B) / Network Security & Cryptography (RT42194C)</p>	<p>Elective-III: High Performance Computing (RT42193A)/ EMI/EMC (RT42044E)/ <i>(Common to ECE, ECC)</i> Data Ware Housing & Data Mining(RT42193C)</p>
<p>Aeronautical Engineering (21)</p>	<p>Aircraft Systems and Instrumentation (RT42211)</p>	<p>Structural Analysis and Detailed Design (RT42212)</p>	<p>Elective-III: Engineering Optimization(RT42213A)/ Propellant Technology(RT42213B)/ Boundary Layer Theory(RT42213C)/ Hypersonic Aerodynamics (RT42213D)</p>	<p>Elective-IV: Aero elasticity(RT42214A)/ Industrial Aerodynamics(RT42214B) / Advanced Computational Aerodynamics (RT42214C) / Fatigue and Fracture Mechanics (RT42214D)</p>	
<p>Automobile Engineering (24)</p>	<p>Automotive Control Systems (RT42241)</p>	<p>Elective-IV:Management Science (RT42052) (Common to CSE, IT & AME) / Principles of Entrepreneurship (RT42244B)/ Simulation of SI and CI Engines (RT42244C)/ Modern Vehicle Technology (RT42244D)</p>	<p>Elective-III: Automotive Safety (RT42243A)/ Automotive Manufacturing (RT42243B)/ Auto Air Conditioning (RT42243C)/ Experimental Stress Analysis (RT42033A) (Common to ME,AME)</p>	<p>Vehicle Maintenance (RT42242)</p>	

Mining Engineering (26)	Production Planning and Control (RT42031) <i>(Common to ME, MINING)</i>	Deep Sea Mining (RT42262A)/ Mine Construction (RT42262B)/ Tunneling Engineering (RT42262C)	Elective-III: Planning Of Underground Metal Mining Project (RT42263A) / Planning Of Underground Coal Mining Project (RT42263B) / Planning Of Surface Mining Project (RT42263C)	Elective-IV: Maintenance And Reliability Engineering (RT42264A) / Rock Excavation Engineering (RT42264B) / Mine Health And Safety Engineering (RT42264C)	
Petroleum Engineering (27)	Petroleum Economics, Regulations & Policies (RT42271)	Reservoir Modeling & Simulation (RT42272A)/ Horizontal Well Technology (RT42272B)/ LNG-Processes, transportation & Storage (RT42272C)	Elective-III: Reservoir Stimulation (RT42273A)/ Subsea Engineering (RT42273B)/ Fundamentals of Multiphase Flow (RT42273C)	Elective-IV: Natural Gas Hydrates (RT42274A) / Advanced Natural Gas Engineering (RT42274B) / Petroleum Biotechnology (RT42274C)	
Agricultural Engineering (35)	Design of Agricultural Machinery (RT42351)	Agro Industries and Bi-product Utilization (RT42352)	Elective-III: GIS and Remote Sensing(RT42353A) Human Engineering and Safety(RT42353B) Production Technology of Agricultural Machinery (RT42353C)	Elective-IV: Minor Irrigation and Command area development(RT42354A) Hydraulic Devices and Control (RT42354B) Principles of Entrepreneurship (RT42354C)	

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.

N. Mohan Rao

Controller of Examinations

Date: 18.03.2019

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA
IV B.TECH II SEMESTER (R10) SUPPLEMENTARY EXAMINATIONS - APRIL/MAY, 2019

TIME: 10.00 AM TO 01.00 PM

TIME TABLE

Branch	13.04.2019 (Saturday)	16.04.2019 (Tuesday)	18.04.2019 (Thursday)	27.04.2019 (Saturday)	30.04.2019 (Tuesday)	08.05.2019 (Wednesday)
Civil Engineering	<i>Estimation, Specifications & Contracts (R42011)</i>	<i>Advanced Structural Design (R42012), Ground Water Development and Management (R42013)</i>	<i>Water Shed Management (R42015), Finite Element Methods (R42016)</i>	<i>Soil Dynamics and Machine Foundations (R42018), Advanced Structural Analysis (R42019), Water Resources System Planning and Management (R4201A)</i>	<i>Environmental Impact Assessment and Management (R42014)</i>	<i>Pavement Analysis Design and Evaluation (R42017)</i>
Electrical & Electronics Engineering	<i>Digital Control Systems (R42021)</i>	<i>Advanced Control Systems (R42022), Extra High Voltage Transmission (R42023), Special Electrical Machines (R42024)</i>	<i>Non Conventional Sources of Energy (R42025), Digital Signal Processing (R42026), FACTS: Flexible Alternating Current Transmission Systems (R42027)</i>	<i>OOPS through Java (R42028), UNIX and Shell Programming (R42029), AI Techniques (R4202A)</i>	----	----
Mechanical Engineering	<i>Interactive Computer Graphics (R42031)</i>	<i>Metal Corrosion (R42032), Nanotechnology (R42033), Automation in Manufacturing (R42034), Industrial Hydraulics & Pneumatics (R42035)</i>	<i>Production Planning and Control (R4203A) (Common to ME & AME), Advanced Optimization Techniques(R4203B)</i>	<i>Non Destructive Evaluation (R42036), Data Base Management Systems (R42037)(Common to ME, EIE & AE), Advanced Materials (R42038), Power Plant Engineering(R42039)</i>	<i>Gas Dynamics & Jet Propulsion (R4203C) (Common to ME & AME), Managerial Economics & Financial Analysis (MEFA) (P42031)</i>	<i>Quality and Reliability Engineering (R4203D) (Common to ME & AME), Robotics (P42033)</i>

Branch	13.04.2019 (Saturday)	16.04.2019 (Tuesday)	18.04.2019 (Thursday)	27.04.2019 (Saturday)	30.04.2019 (Tuesday)	08.05.2019 (Wednesday)
Electronics & Communication Engineering	Cellular and Mobile Communications (R42041), Optical Communications (P42041)	Satellite Communications(R42043), Digital Control Systems (R42044)(Common toECE & EIE)	Analytical Instrumentation (R42048), Real Time Operating Systems (R42049) (Common to ECE, EIE & ECM), TV Engineering (R4204A), Embedded Systems (P42042)	Operating Systems (R42045), Structured Digital Design (R42046) (Common to ECE & ECM)	Network Security & Cryptography (R42042)(Common to ECE & ECM)	Wireless Sensor Networks (R42047) (Common to ECE & ECM)
Computer Science & Engineering	Distributed Systems (R42051)	Human Computer Interaction (R42052) (Common to CSE & IT), Advanced Operating Systems (R42053) (Common to CSE & IT), Mobile Adhoc & Sensor Networks (R42054) (Common to CSE & IT), Pattern Recognition (R42055) (Common to CSE & IT), Digital Image Processing (R42056) (Common to CSE & IT)	Embedded and Real Time Systems (R42057) (Common to CSE & IT), Simulation Modeling (R42058) (Common to CSE & IT), Information Retrieval Systems (R42059), Artificial Intelligence (R4205A), Multimedia & Application Development (R4205B) (Common to CSE & IT)	Software Testing Methodologies (R4205C) (Common to CSE & IT), Neural Networks & Soft Computing (R4205D) (Common to CSE & IT), Social Networks and the Semantic Web (R4205E) (Common to CSE & IT), Parallel Computing (R4205F), E- Commerce (R4205G) (Common to CSE & IT)	Principles of Programming Languages (P42051)	Software Engineering (P42053)

Branch	13.04.2019 (Saturday)	16.04.2019 (Tuesday)	18.04.2019 (Thursday)	27.04.2019 (Saturday)	30.04.2019 (Tuesday)	08.05.2019 (Wednesday)
Chemical Engineering	<i>Industrial Safety & Hazard Management (R42081)</i>	<i>Multicomponent Distillation (R42082), Fluidization Engineering (R42083), Corrosion and its Control (R42084)</i>	<i>Computational Fluid Dynamics (R42085) (Common to Chemical & PE), Optimization of Chemical Processes (R42086), Nuclear Reactor Engineering (R42087)</i>	<i>Petroleum Refining & Petrochemical Engineering (R42088), Air Pollution Control Engineering (R42089), Energy Engineering(R4208A)</i>	----	----
Electronics & Instrumentation Engineering	<i>Industrial Electronics (R42101)</i>	<i>Embedded Systems (R42102), Virtual Instrumentation (R42103), Digital Control Systems (R42044) (Common to ECE & EIE)</i>	<i>Robotics & Automation (R42104) (Common to EIE & BME), Digital Image Processing (R42105), Real Time Operating Systems (R42049) (Common to ECE, EIE & ECM)</i>	<i>Analog IC Design (R42106), Data Base Management Systems (R42037) (Common to ME, EIE & AE), Artificial Neural Networks (R42107)</i>	----	----
Bio Medical Engineering	<i>Bio MEMS (R42111)</i>	<i>Embedded & Real Time Systems (R42112), Medical Informatics(R42113), Hospital System Management (R42114)</i>	<i>Robotics & Automation (R42104) (Common to EIE & BME), Computer Graphics(R42118), Prosthetics(R42119)</i>	<i>Biomaterials (R42115), Tissue Engineering (R42116), Quantitative Engineering Physiology (R42117)</i>	----	----

Branch	13.04.2019 (Saturday)	16.04.2019 (Tuesday)	18.04.2019 (Thursday)	27.04.2019 (Saturday)	30.04.2019 (Tuesday)	08.05.2019 (Wednesday)
Information Technology	Software Project Management (R42121)	Human Computer Interaction (R42052) (Common to CSE & IT), Advanced Operating Systems (R42053) (Common to CSE & IT), Mobile Adhoc & Sensor Networks (R42054) (Common to CSE & IT), Pattern Recognition (R42055) (Common to CSE & IT), Digital Image Processing (R42056) (Common to CSE & IT)	Embedded and Real Time Systems (R42057) (Common to CSE & IT), Simulation Modeling (R42058) (Common to CSE & IT), Computer Froensics(R42122), Machine Learning(R42123), Multimedia & Application Development (R4205B) (Common to CSE & IT)	Software Testing Methodologies (R4205C) (Common to CSE & IT), Neural Networks & Soft Computing (R4205D) (Common to CSE & IT), Social Networks and the Semantic Web (R4205E) (Common to CSE & IT), Cloud Computing (R42124), E- Commerce (R4205G) (Common to CSE & IT)	----	
Electronics & Computer Engineering	Automata Theory & Compiler Design (R42191)	Language Processors (R42194), E M I/ E M C (R42195), Data Warehousing and Data Mining (R42196)	Real Time Operating Systems (R42049) (Common to ECE, EIE & ECM)	Web Design (R42192), Fuzzy Logic and Neural Networks (R42193), Structured Digital Design (R42046) (Common to ECE & ECM)	Network Security and Cryptography (R42042) (Common to ECE & ECM)	Wireless Sensor Networks (R42047) (Common to ECE & ECM)

Branch	13.04.2019 (Saturday)	16.04.2019 (Tuesday)	18.04.2019 (Thursday)	27.04.2019 (Saturday)	30.04.2019 (Tuesday)	08.05.2019 (Wednesday)
Aeronautical Engineering	<i>Aircraft Systems and Instrumentation (R42211)</i>	<i>Rockets and Missiles (R42212), Propellant Technology (R42213), Industrial Aerodynamics (R42214)</i>	<i>Fatigue & Fracture Mechanics (R42215), Aircraft Maintenance Management (R42216), Aeroelasticity (R42217)</i>	<i>Air Line Management (R42218), Helicopter Engineering (R42219), Data Base Management Systems (R42037) (Common to ME, EIE & AE)</i>	----	----
Bio Technology	<i>Animal Cell Science and Technology (R42231)</i>	<i>Creativity Innovation and Product Development (R42232), Nano Biotechnology (R42233), Metabolic Engineering (R42234)</i>	<i>Food Science and Technology (R42235), Molecular Modeling and Drug Design (R42236), Bio Process Economics and Plant Design (R42237)</i>	<i>Biopharmaceutical Technology (R42238), Phytochemicals and Herbal Medicine (R42239), Bioprocess Optimization (R4223A), Enzyme Engineering (R4223B)</i>	----	----
Automobile Engineering	<i>Automotive Control Systems (R42241)</i>	<i>Computational Fluid Dynamics (R42242), Operations Research (R42243)</i>	<i>Production Planning & control (R4203A) (Common to ME & AME), Principles of Entrepreneurship (R42246), Simulation of SI & CI Engine (R42247)</i>	<i>Automation in Manufacturing (R42244), Automotive Air Conditioning (R42245)</i>	<i>Gas Dynamics & Jet propulsion (R4203C) (Common to ME & AME),</i>	<i>Quality and Reliability Engineering (R4203D) (Common to ME & AME)</i>

Branch	13.04.2019 (Saturday)	16.04.2019 (Tuesday)	18.04.2019 (Thursday)	27.04.2019 (Saturday)	30.04.2019 (Tuesday)	08.05.2019 (Wednesday)
Mining Engineering	<i>Production Planning and Control (R42261)</i>	<i>Deep Sea mining (R42262), Mine Construction (R42263), Tunneling Engineering (R42264)</i>	<i>Planning of Under Ground Metal Mining Project (R42265), Planning of Under Ground Coal Mining Project (R42266), Planning of Surface Mining Project (R42267)</i>	<i>Maintenance & Reliability Engineering (R42268), Rock Excavation Engineering (R42269), Mine Health & Safety Engineering (R4226A)</i>	----	----
Petroleum Engineering	<i>Petroleum Economics, Policies & Law (R42271)</i>	<i>Reservoir Modeling & Simulation (R42272), Horizontal Well Technology (R42273), Reservoir Stimulation (R42274)</i>	<i>Chemical Reaction Engineering (R42278), Computational Fluid Dynamics (R42085) (Common to Chemical & PE), Petroleum Biotechnology (R42279)</i>	<i>Separation Processes (R42275), Natural Gas Processing (R42276), Natural Gas Hydrates (R42277)</i>	----	----

NOTE:

- i) Any omissions or clashes in this table may please be informed to the controller of examination 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

N. Mohan Rao

Controller of Examinations

Date: 18.03.2019