

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA**  
**I B. TECH - II SEMESTER (R16 REGULATION) – II MID EXAMINATIONS, MARCH/APRIL - 2019**

**TIME TABLE**

Branch	25.03.2019 (Monday)	26.03.2019 (Tuesday)	27.03.2019 (Wednesday)	28.03.2019 (Thursday)	29.03.2019 (Friday)	30.03.2019 (Saturday)	01.04.2019 (Monday)		
<b>Subjects</b>	<b>ENGLISH-II</b> (Common to all branches)	<b>MATHEMATICS-III</b> (Com to AE,AME,CE,CSE,IT, EIE,EEE,ME,ECE, Metal E, Min E, E Com E, Agri E, Chem E, PCE,PE)	<b>APPLIED CHEMISTRY</b> (Com. to CSE, IT, EIE, ECE, ECom E)	<b>MATHEMATICS – II</b> (Mathematical Methods) (Com to AE,AME,Bio-Tech,Chem E,CE,EEE,ME,Metal E, Min E,PCE,PE)	<b>APPLIED PHYSICS</b> (Only EEE)	<b>ENGINEERING PHYSICS</b> (AE,AME, Bio-Tech,Chem E,CE,ME,Metal E, Min E, PCE, PE)	<b>ENVIRONMENTAL STUDIES</b> (Com. to CSE, IT, EIE, ECE, ECom E)		
			<b>ELEMENTS OF MECHANICAL ENGINEERING</b> (Com. to Chem E,CE,PCE,PE)	<b>PRINCIPLES OF SOIL SCIENCE &amp; AGRONOMY</b> (Only Agri E)	<b>FUNDAMENTALS OF BIOLOGY</b> (Only Bio-Tech)			<b>DATA STRUCTURES</b> (Com. to EIE,ECE, E Com E)	<b>ENGINEERING CHEMISTRY</b> (Only Agri E)
			<b>COMPUTER PROGRAMMING</b> (Only Agri E)		<b>ELECTICAL AND MECHANICAL TECHNOLOGY</b> (Com. to EIE,ECE. E Com E)			<b>BASIC ELECTRICAL AND ELECTRONICS ENGINEERING</b> (Com. to AE,AME,ME,Metal E, Min E)	<b>OBJECT ORIENTED PROGRAMMING THROUGH C++</b> (Com. to CSE,IT)
			<b>ELECTRICAL CIRCUITS ANALYSIS-I</b> (Only EEE)		<b>ENGINEERING MECHANICS</b> (Com. to CSE, IT, Agri E)		<b>ENGINEERING DRAWING</b> (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.
- 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.

*N. Mohan Rao*

DATE: 06-03-2019

Controller of Examinations

**II. B.TECH II SEMESTER (R16)**

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

**II B.TECH - II SEMESTER (R16 REGULATIONS) II MID EXAMINATIONS, MARCH – 2019**

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

BRANCH	DATE AND DAY					
	25-03-2019 (Monday)	26-03-2019 (Tuesday)	27-03-2019 (Wednesday)	28-03-2019 (Thursday)	29-03-2019 (Friday)	30-03-2019 (Saturday)
<b>CIVIL ENGINEERING (01- CE)</b>	BUILDING PLANNING AND DRAWING	HYDRAULICS AND HYDRAULIC MACHINERY	TRANSPORTATION ENGINEERING-I	CONCRETE TECHNOLOGY	STRUCTURAL ANALYSIS - I	STRENGTH OF MATERIALS- II
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)</b>	MANAGEMENT SCIENCE (EEE,ECE,ECC)	SWITCHING THEORY AND LOGIC DESIGN	ELECTRICAL MEASUREMENTS	CONTROL SYSTEMS	POWER SYSTEMS-I	ELECTRICAL MACHINES-II
<b>MECHANICAL ENGINEERING (03 - ME)</b>	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)
<b>ELECTRONICS&amp; COMMUNICATIONS ENGINEERING (04 - ECE)</b>	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
<b>COMPUTER SCIENCE&amp; ENGINEERING (05 - CSE)</b>	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)

**CONTINUED ON PAGE – 2**

**II. B.TECH II SEMESTER (R16)**

BRANCH	DATE AND DAY					
	25-03-2019 (Monday)	26-03-2019 (Tuesday)	27-03-2019 (Wednesday)	28-03-2019 (Thursday)	29-03-2019 (Friday)	30-03-2019 (Saturday)
<b>ELECTRONICS &amp; INSTRUMENTATION ENGINEERING (10- EIE)</b>	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)
<b>INFORMATION TECHNOLOGY (12 - IT)</b>	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)
<b>ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)</b>	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)
<b>AERONUTICAL ENGINEERING (21 - AE)</b>	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**

BRANCH	DATE AND DAY					
	25-03-2019 (Monday)	26-03-2019 (Tuesday)	27-03-2019 (Wednesday)	28-03-2019 (Thursday)	29-03-2019 (Friday)	30-03-2019 (Saturday)
<b>AUTO MOBILE ENGG. (AME-24)</b>	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)	MACHINE DRAWING (Com. to ME, AME, MM)
<b>MINING – (26-MM)</b>	KINEMATICS OF MACHINERY (Com. to ME, AME, MM)	MATERIAL ENGINEERING	SURFACE MINING	MINE SURVEYING -I	INDUSTRIAL ENGINEERING AND MANAGEMENT (Com. to ME)	MINING GEOLOGY - II
<b>PETROLEUM ENGINEERING (27-PE)</b>	PROBABILITY AND STATISTICS	PETROLEUM EXPLORATION	THERMODYNAMICS FOR PETROLEUM ENGINEERS	PETROLEUM GEOLOGY	PROCESS HEAT TRANSFER	MOMENTUM TRANSFER
<b>AGRICULTURAL ENGINEERING (35-AGE)</b>	HEAT AND MASS TRANSFER	THEORY OF MACHINES	FARM POWER AND TRACTOR SYSTEMS	SURFACE WATER HYDROLOGY	SOIL MECHANICS	THEORY OF STRUCTURES

**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*

**DATE: 06-03-2019**

**Controller of Examinations**

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

**III B TECH - II SEMESTER (R16 REGULATION) II MID EXAMINATIONS – MARCH, 2019**

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

BRANCH	DAY AND DATE				
	25-03-2019 (Monday)	26-03-2019 (Tuesday)	27-03-2019 (Wednesday)	28-03-2019 (Thursday)	29-03-2019 (Friday)
<b>CIVIL ENGINEERING (01-CE)</b>	Design and Drawing of Steel Structures (R1632011)	Geotechnical Engineering – I (R1632012)	Environmental Engineering – I (R1632013)	Water Resources Engineering–I (R1632014)	<b><u>OPEN ELECTIVE:-</u></b>
					Electronic Instrumentation
					Data Base Management Systems
					Alternative Energy Sources
					Waste water Management
					Fundamentals of Liquefied Green Fuel Technologies
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>	Power Electronic Controllers & Drives (R1632021)	Power System Analysis (R1632022)	Micro Processors and Micro controllers (R1632023)	Data Structures (R1632024)	<b><u>OPEN ELECTIVE:-</u></b>
					Unix and Shell Programming
					OOPS Through JAVA
					VLSI Design
					Robotics
					Neural Networks & Fuzzy Logic
<b>MECHANICAL ENGINEERING (03-ME)</b>	Metrology (R1632031)	Instrumentation & Control Systems (R1632032)	Refrigeration & Air-conditioning (R1632033)	Heat Transfer - (R1632034)	<b><u>OPEN ELECTIVE:-</u></b>
					Entrepreneurship
					Data Base Management System
					Waste Water Management
					Computer Graphics
					Industrial Robotics
Green Engineering Systems					

<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b>	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)	<b>OPEN ELECTIVE:-</b>
					OOPs through Java
					Data Mining
					Industrial Robotics
					Power Electronics
					Bio-Medical Engineering
Artificial Neural Networks					
<b>COMPUTER SCIENE &amp; ENGINEERING (05-CSE)</b>	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)	<b>OPEN ELECTIVE:-</b>
					Artificial Intelligence
					Internet of Things
					Cyber Security
					Digital Signal Processing
					Embedded Systems
Robotics					
<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)</b>	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)	<b>OPEN ELECTIVE:-</b>
					OOPs through Java
					Data Mining
					Power Electronics
					Bio-Medical Engineering
					Artificial Neural Networks
<b>INFORMATION TECHNOLOGY (12-IT)</b>	Computer Networks (Common to CSE, IT)(R1632051)	Data Mining (R1632121)	Web Technologies (R1632122)	Software Testing Methodologies (Common to CSE. IT) (RT32054)	<b>OPEN ELECTIVE:-</b>
					Artificial Intelligence
					Social Networks and Semantic Web
					Digital Signal Processing
					Embedded Systems
					Robotics
Operations Research					

<b>ELECTRONICS AND COMPUTER ENGINEERING (19-ECC)</b>	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)	<b>OPEN ELECTIVE:-</b>
					Data Mining
					Industrial Robotics
					Bio-Medical Engineering
					Artificial Neural Networks
<b>AERONUTICAL ENGINEERIG (21-AE)</b>	Aircraft stability and control (R1632211)	Aircraft Structures –II (R1632212)	Propulsion – II (R1632213)	Finite Element Method (R1632214)	<b>OPEN ELECTIVE:-</b>
					Data Base Management System
					Waste Water Management
					Entrepreneurship
					Satellite Technology
					Industrial Aerodynamics
Theory of Elasticity					
<b>AUTO MOBILE ENGINEERING (24-AME)</b>	Machine Tools & Metrology (R1632241)	Instrumentation & Control Systems (R1632242)	Automotive Electrical and Electronics (R1632243)	Alternative Energy Sources for Automobiles (R1632244)	<b>OPEN ELECTIVE:-</b>
					Electronic Instrumentation
					Data Base Management Systems
					Computer Graphics
					Green Engineering Systems
					Offroad Vechiles
					Automotive Emissions and Pollution Control

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

**NOTE:**

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

**DATE: 06-03-2019**

*N. Mohan Rao*  
**Controller of Examinations**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**UNIVERSITY EXAMINATION CENTER, KAKINADA - 533003**  
**IV B.TECH - II SEMESTER (R13) II MID EXAMINATIONS, MARCH - 2019**  
**T I M E T A B L E**

Branch	25.03.2019 (Monday)	26.03.2019 (Tuesday)	27.03.2019 (Wednesday)	28.03.2019 (Thursday)	29.03.2019 (Friday)
<b>Civil Engineering (01)</b>	Estimating, Specifications & Contracts (RT42011)	<b>Elective-II:</b> 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)	<b>Elective-III:</b> Advanced foundation Engineering (RT42013A)/ Solid waste Management (RT42013B)/ Earthquake Resistant Design (RT42013C)/ Water Shed Management (RT42013D)/ Pavement Analysis and Design (RT42013E)/ Green Buildings (RT42013F)	<b>Elective-IV:</b> 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)	
<b>Electrical and Electronics Engineering (02)</b>	Digital Control Systems (RT42021)	<b>Elective-II:</b> Advanced Control Systems (RT42022A) High Voltage Engineering (RT42022B) Special Electrical Machines (RT42022C)	<b>Elective-III:</b> Electric Power Quality (RT42023A)/ Digital Signal Processing (RT42023B)/ FACTS: Flexible Alternating Current Transmission Systems (RT42023C)	<b>Elective-IV:</b> OOPS Through Java(RT42024A)/ UNIX and Shell Programming (RT42024B)/ AI Techniques (RT42024C)/ Power System Reforms (RT42024D)/ Systems Engineering (RT42024E)	
<b>Mechanical Engineering (03)</b>	Production Planning and Control (RT42031) ( <i>Common to ME, Mining</i> )	Green Engineering Systems (RT42032)	<b>Elective-III:</b> Experimental Stress Analysis (RT42033A) ( <i>Common to ME,AME</i> )/ Mechatronics (RT42033B)/ Advanced Materials (RT42033C)/ Power Plant Engineering(RT42033D)	<b>Elective-IV:</b> Non Destructive Evaluation(RT42034A)/ Advanced Optimization Techniques(RT42034B)/ Gas Dynamics & Jet Propulsion(RT42034C)/ Quality and Reliability Engineering (RT42034D)	

<b>Electronics and Communication Engineering (04)</b>	Cellular Mobile Communication (RT42041)	Electronic Measurements and Instrumentation (RT42042)	<b>Elective-III:</b> Satellite Communication (RT42043A)/ Mixed signal Design (RT42043B)/ Embedded systems (RT42043C) ( <i>Common to ECE,EIE&amp;ECC</i> ) RF Circuit Design (RT42043D) Cloud Computing (RT42043E) ( <i>Common to ECE,CSE</i> )	<b>Elective-IV:</b> Wireless Sensors and Networks (RT42044A) ( <i>Common to ECE,EIE&amp;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> )
<b>Computer Science and Engineering (05)</b>	Distributed Systems (RT42051) ( <i>Common to CSE, IT</i> )	Management Science (RT42052) ( <i>Common to CSE, IT &amp; AME</i> )	<b>Elective-IV:</b> 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> )	<b>Elective-III:</b> 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)	
<b>Chemical Engineering (08)</b>	Industrial Safety & Hazard Management (RT42081)	<b>Elective-II:</b> Multicomponent Distillation (RT42082A)/ Fluidization Engineering (RT42082B)/ Corrosion & Its Control (RT42082C)	<b>Elective-III:</b> Computational Fluid Dynamics (RT42083A)/ Optimization of Chemical Processes (RT42083B)/ Computational Methods in Chemical Engineering (RT42083C)	<b>Elective-IV:</b> Catalysis(RT42084A)/ Pipeline Engineering (RT42084B)/ Process Trouble Shooting (RT42084C)	
<b>Electronics &amp; Instrumentation Engineering (10)</b>	Industrial Automation (RT42101)	Data Communication (RT42102)	<b>Elective-III:</b> Digital IC Design (RT42103A)/ Embedded systems (RT42043C) ( <i>Common to ECE,EIE&amp;ECC</i> )/ Micro electromechanical systems (MEMS) (RT42103B)/ Computer Networks (RT42103C)/ Advanced Computer Architecture (RT42103D)	<b>Elective-IV:</b> Wireless Sensors and Networks (RT42044A) ( <i>Common to ECE,EIE&amp;ECC</i> )/ Calibration & standards (RT42104A)/ Fiber Optic Sensors (RT42104B)/ Telemetry & Tele control (RT42104C)/ System on Chip(RT42044B) ( <i>Common to ECE&amp;EIE</i> )	

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

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

Date: 06.03.2019

*N. Mohan Rao*

**Controller of Examinations**