

II. B.TECH II SEMESTER (R16)

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

II B.TECH - II SEMESTER (R16 REGULATIONS) I MID EXAMINATIONS, JAN – 2018

T I M E T A B L E

BRANCH	DATE AND DAY					
	18-01-2018 (Thursday)	19-01-2018 (Friday)	20-01-2018 (Saturday)	22-01-2018 (Monday)	24.01.2018 (Wednesday)	25.01.2018 (Thursday)
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)

CONTINUED ON PAGE – 2

II. B.TECH II SEMESTER (R16)

BRANCH	DATE AND DAY					
	18-01-2018 (Thursday)	19-01-2018 (Friday)	20-01-2018 (Saturday)	22-01-2018 (Monday)	24.01.2018 (Wednesday)	25.01.2018 (Thursday)
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

BRANCH	DATE AND DAY					
	18-01-2018 (Thursday)	19-01-2018 (Friday)	20-01-2018 (Saturday)	22-01-2018 (Monday)	24.01.2018 (Wednesday)	25.01.2018 (Thursday)
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)	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)	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

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: 30-12-2017

Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
EXAMINATION BRANCH, KAKINADA

III B TECH - II SEMESTER (R13 REGULATION) I MID EXAMINATIONS – JAN, 2018

T I M E T A B L E

BRANCH	DATE AND DAY						
	18-01-2018 (Thursday)	19-01-2018 (Friday)	20-01-2018 (Saturday)	22-01-2018 (Monday)	24-01-2018 (Wednesday)	25.01.2018 (Thursday)	27.01.2018 (Saturday)
CIVIL ENGINEERING (01- CE)	Environmental Engineering – I	Geotechnical Engineering – II	Design and Drawing of Steel Structures	Water Resources Engineering–I	Transportation Engineering – II	-----	Open Elective
ELECTRICAL AND ELECTRONICS ENGINEERING (02 - EEE)	Microprocessors & Microcontrollers	Switchgear and Protection	Utilization of Electrical Energy	Power System Analysis	Management Science (comm to EEE and CHEM)	Power Semiconductor Drives	-----
MECHANICAL ENGINEERING (03 - ME)	Operations Research	Interactive Computer Graphics	Design of Machine Members- II	Robotics	Heat Transfer	Industrial Engineering Management	Departmental Elective
ELECTRONICS & COMMUNICATIONS ENGINEERING (04 - ECE)	Microprocessors and Microcontrollers (Com to ECE,EIE and E.Comp.E)	Digital Signal Processing	Digital Communication s	Microwave Engineering	-----	-----	Open Elective
COMPUTER SCIENCE ENGINEERING (05 - CSE)	Software Engineering	Data Ware Housing and Mining (Comm to CSE,IT)	Computer Networks (Comm to CSE,IT)	Design and Analysis of Algorithms (Comm to CSE,IT)	Web Technologies (Comm to CSE,IT)	-----	IPR and Patents (COMM TO CSE, IT, CHEM, PE)

PAGE-2

BRANCH	DATE AND DAY						
	18-01-2018 (Thursday)	19-01-2018 (Friday)	20-01-2018 (Saturday)	22-01-2018 (Monday)	24-01-2018 (Wednesday)	25.01.2018 (Thursday)	27.01.2018 (Saturday)
CHEMICAL ENGINEERING (08 - CHEM)	Process Engineering Economics	Mass Transfer Operations – II	Chemical Reaction Engineering-II	Process Dynamics & Control	Management Science (comm to EEE and CHEM)	-----	IPR and Patents (COMM TO CSE, IT, CHEM, PE)
ELECTRONICS AND INSTRUMENTATION ENGINEERING (10- EIE)	Micro Processors and Micro Controllers (Com to ECE,EIE and E.Comp.E)	Analytical Instrumentation	Measuring Instruments	Process Instrumentation	-----	-----	Open Elective
INFORMATION TECHNOLOGY (12 - IT)	Software Testing	Data Ware Housing and Mining (Comm to CSE,IT)	Computer Networks (Comm to CSE,IT)	Design and Analysis of Algorithms (Comm to CSE,IT)	Web Technologies (Comm to CSE,IT)	-----	IPR and Patents (COMM TO CSE, IT, CHEM, PE)
ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)	Micro Processors and Micro Controllers (Com to ECE,EIE and E.Comp.E)	Data Base Management Systems	Computer Networks	VLSI Design	Operating Systems	-----	Open Elective
AERONAUTICAL ENGINEERING (21 - AE)	Flight Mechanics -II	Aerospace Vehicle Structures –II	Aerospace Propulsion – II	Flight Vehicle Design	System Modeling And Simulation	-----	Departmental Elective

PAGE - 3

BRANCH	DATE AND DAY						
	18-01-2018 (Thursday)	19-01-2018 (Friday)	20-01-2018 (Saturday)	22-01-2018 (Monday)	24-01-2018 (Wednesday)	25.01.2018 (Thursday)	27.01.2018 (Saturday)
AUTOMOBILE ENGINEERING (AME-24)	Machine Tools & Metrology	Instrumentation & Control Systems	Automotive Electrical and Autotronics	Alternative Energy sources for Automobiles	Product Design and Assembly Automation	-----	Departmental Elective
MINING ENGINEERING (26-MM)	Mine Systems Engineering	Mineral Engineering & Fuel Technology	Mine Environmental Engineering-II	Mining Machinery	Under Ground Metal Mining Technology	-----	Departmental Elective
PETROLEUM ENGINEERING (27-PE)	Well Completions	Petroleum Reservoir Engineering - I	Petroleum Production Engineering & Design	Petroleum Refinery & Petrochemical Engineering	Surface Production Operations	-----	IPR and Patents (COMM TO CSE, IT, CHEM, PE)
AGRICULTURAL ENGINEERING (35-AGE)	Irrigation and Drainage Engineering	Farm Machinery and Equipment – I	Design of Soil, Water Conservation and Farm Structures	Dairy and Food Engineering	Theory of Structures	-----	Open Elective

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: 29-12-2017

Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

EXAMINATION BRANCH, KAKINADA - 533003

IV B.TECH - II SEMESTER (R13) I MID EXAMINATIONS, JAN/FEB - 2018

T I M E T A B L E

Branch	27.01.2018 (Saturday)	29.01.2018 (Monday)	30.01.2018 (Tuesday)	31.01.2018 (Wednesday)	01.02.2018 (Thursday)
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) <i>(Common to ME, Mining)</i>	Green Engineering Systems (RT42032)	Elective-III: Experimental Stress Analysis (RT42033A) <i>(Common to ME,AME)</i> / 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: 30.12.2017