JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
EXAMINATION BRANCH, KAKINADA - 533003
IV B.TECH - I SEMESTER (R13) II MID EXAMINATIONS, OCTOBER - 2017
T I M E T A B L E

Branch	16.10.2017 (Monday)	17.10.2017 (Tuesday)	18.10.2017 (Wednesday)	20.10.2017 (Friday)	21.10.2017 (Saturday)	23.10.2017 (Monday)	24.10.2017 (Tuesday)
Civil Engineering	Environmental Engineering – II (RT41011)	Prestressed Concrete (RT41012)	Construction Technology and Management (RT41013)	Water Resource Engineering - II (RT41014)	Remote Sensing and GIS Applications (RT41015)	**Elective-I**: Ground Improvement Techniques (RT41016)/Air Pollution and Control (RT41017)/Matrix methods of Structural Analysis (RT41018)/Urbon Hydrology (RT41019)/Advanced Surveying (RT4101A)/Interior Designs and Decoriations (RT4101B)	**Open Electives**: Energy Audit, Conservation and Management (RT41024)/Instrumentation (RT41025)/Non Conventional Sources of Energy (RT41026)/Optimization Techniques (RT41027) (Except EEE),MEMS (RT41035)/Nano Technology (RT41036) (Common to ME/AE),Industrial Pollution Control Engineering (RT41085)/Design and Analysis of Experiments (RT41086)/Green Fuel Technologies (RT41087) (Common to CHEM/PE),Airport Management (RT41214), Nano Technology (RT41036)(Common to ME/AE) Green Technologies (RT41016F)
Electrical & Electronics Engineering	Renewable Energy sources and Systems (RT41021)	HVAC & DC Transmission (RT41022)	Power Systems Operation & Control (RT41023)	**Elective -I**:VLSI Design (RT41028)/Electrical Distribution Systems (RT41029)/Optimization Techniques (RT4102A)	---	---	
Mechanical Engineering	Automobile Engineering (RT41031)	CAD/CAM (RT41032) (Common to ME/AME)	Unconventional Machining Processes(RT41034)	Finite Element Methods (RT41033) (Common to ME/AE/AME)	**Departmental Elective - II**: Material Characterization Techniques (RT41037)/Design for Manufacture (RT41038)/Automation in Manufacturing (RT41039)/Industrial Hydraulics & Pneumatics (RT4103A), Advanced Computer Aided Engineering	---	
Electronics & Communication Engineering	VLSI Design (RT41041) (Common to ECE, EIE)	Computer Networks (RT41042)	Digital Image Processing (RT41043) (Common to ECE/EIE/ECC)	Computer Architecture & Organization (RT41044) (Common to ECE/EIE)	**Elective-I**:Electronic Switching Systems (RT41045)/Analog IC Design (RT41046) (Common to ECE/EIE)/Object Oriented Programming & OS (RT41047) (Common to ECE/EIE)/Radar Systems (RT41048)/Advanced Computer Architecture (RT41049) (Common to ECE/ECC)	**Elective-II**:Optical Communication (RT4104A)/Digital IC Design (RT4104B)/Speech Processing (RT4104C)/Artificial Neural Network & Fuzzy Logic (RT4104D) (Common to ECE/EIE)/Network Security & Cryptography) (RT4104E)	

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Computer Science & Engineering	Cryptography and Network Security (RT41051) (Common to CSE/IT)	UML & Design Patterns (RT41052) (Common to CSE/IT)	Mobile Computing(RT41053) (Common to CSE/IT)	**Elective-I**:Software Testing Methodologies (RT41054)/Simulation Modeling (RT41055)/Information Retrieval Systems (RT41056) (Common to CSE/IT)/Artificial Intelligence (RT41057) (Common to CSE/ECC)/Multimedia Computing (RT41058) (Common to CSE/IT)/High Performance Computing (RT41059)	**Elective-II**: Digital Forensics (RT4105A)/Hadoop and Big Data (RT4105B) (Common to CSE/IT)/Software Project Management (RT4105C) (Common to CSE/IT)/Machine Learning (RT4105D)/Advanced Databases (RT4105E) (Common to CSE/IT)	---	**Open Electives**: Automotive Pollution & Control (RT41245),Advanced Materials (RT41246),Industrial Hydraulic & Pneumatics (RT41247), Industrial Robotics (RT41265), Environmental Impact Assessment (RT41266), Fundamentals of Petroleum Industry (RT41275), Green Fuel Technologies (RT41087)(Common to CHEM/PE), Energy Management (RT41276), Design and Analysis of Experiments (RT41086)
Chemical Engineering	Transport Phenomena (RT41081)	Chemical Engineering Plant Design (RT41082)	Process Modelling and Simulation (RT41083)	Biochemical Engineering (RT41084)	**Elective-I**: Advanced Separation Technology (RT41088)/Nanotechnology (RT41089)/Polymer Technology (RT4108A)	---	
Electronics & Instrumentation Engineering	VLSI Design (RT41041) (Common to ECE/EIE)	Management Science (RT41102)	Computer Architecture & Organization (RT41044) (Common to ECE/EIE)	Data Acquisition Systems (RT41101)	**Elective-I**:Quality and reliability Engineering Systems (RT41103)/Analog IC Design (RT41046) (Common to ECE/EIE)/Digital Control Systems (RT41104)/Artificial Neural Network & Fuzzy Logic (RT4104D) (Common to ECE/EIE)/Bio medical Instrumentation (RT41105)	**Elective-II**:Object Oriented Program and Operating System (RT41047) (Common to ECE/EIE)/Digital Image Processing (RT41043) (Common to ECE/EIE/ECC)/Mixed Signal Design (RT41106)/Robotics & Automation (RT41107)/EMI/EMC (RT41108)	

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Information Technology	Cryptography and Network Security (RT41051) (Common to CSE/IT)	UML & Design Patterns (RT41052) (Common to CSE/IT)	Mobile Computing (RT41053) (Common to CSE/IT)	**Elective-I**: Embedded and Real Time Systems (RT41121)/Information Retrieval Systems (RT41056) (Common to CSE/IT)/Multimedia Computing (RT41058) (Common to CSE/IT)	**Elective-II**: Hadoop and Big Data (RT4105B)/Software Project Management (RT4105C)(Common to CSE/IT)/Computer Vision (RT41122)/Advanced Databases (RT4105E)(Common to CSE/IT)	---	
Electronics & Computer Engineering	Systems Programming (RT41191)	Digital Signal Processing (RT41192)	Digital Image Processing (RT41043) (Common to ECE/EIE/ECC)	Unix Programming (RT41193)	**Elective-I**: Artificial Intelligence (RT41057) (Common to CSE/ECC), Advanced Computer Architecture(RT41049)(Common to ECE/ECC) , Data Communication (RT41194)	**Elective-II:**Web Design (RT41195), Fuzzy Logic and Neural Networks (RT41196), Structured Digital Design (RT41197)	
Aeronoltical Engineering	Vibrations and Structural Dynamics (RT41211)	Computational Fluid Dynamics (RT41212)(Common to AE/AME)	Avionics (RT41213)	Finite Element Methods (RT41033)(Common to ME/AE/AME)	**Elective- II**: Analysis of Composite Structure (RT41215),Air Line Management (RT41216), Helicopter Engineering (RT41217), Quality and Reliability Engineering (RT41218)	---	

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Automobile Engineering	Vehicle Dynamics (RT41244)	CAD/CAM (RT41032) (Common to ME/AME	Automotive Chassis & Suspension (RT41248)	Finite Element Methods (RT41033)(Common to ME/AE/AME)	**Elective-II**: Micro Processors & Micro Controllers (RT41241), Computational Fluid Dynamics (RT41212)(Common to AE/AME),Operation Research (RT41242),Condition Monitoring (RT41243)	---	
Mining Engineering	Mine Economics (RT41261)	Computer Applications in Mining (RT41262)	Rock Mechanics & Ground Control (RT41263)	Mine Legislation & General Safety (RT41264)	Numerical Methods (RT41267)	Industrical Engineering & Management (RT41268)	
Petroleum Engineering	Integrated Asset Management (RT41271)	Enhanced Oil Recovery Techniques (RT41272)	HSE & FE in Petroleum Industry (RT41273)	Petroleum Reservoir Engineering - II (RT41274)	**Elective-I**: Offshore Engineering (RT41277), Pipeline Engineering (RT41278), Coal Bed Methane Engineering (RT41279)	---	
Agricultural Engineering	Micro Irrigation Engineering (RT41351)	Farm Machinery and Equipments - II (RT41352)	Post Harvest Engineering for Horticulture Produce (RT41353)	Mechanical Measurements and Instrumentation (RT41354)	**Elective-I**: Seed Processing and Storage Engineering (RT41355), Managerial Economic & Financial Analysis (RT41356),Food Processing Plant Design and Layout (RT41357)	**Elective - II**: Watershed Management (RT41358), Food Packaging Technology (RT41359),Computational Fluid Dynamics (RT4135A)	

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 INCLUED IN THE ABOVE LIST IMMEDIATELY.

N. Mohan Rao

Date: 05.10.2017   **Controller of Examinations**