

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD - 500085
EXAMINATION BRANCH

IV YEAR B.TECH - I SEMESTER- R13 REGULATION - COMPUTER BASED TEST(CBT) JANUARY-2018 TIME TABLE

BRANCH	DATE, DAY & SESSION			
	05-01-2018 FRIDAY 12:00 PM to 12:45 PM	06-01-2018 SATURDAY 12:00 PM to 12:45 PM	06-01-2018 SATURDAY 4:00 PM to 4:45PM	08-01-2018 MONDAY 12:00 PM to 12:45 PM
CIVIL ENGINEERING (01-C E)	Remote Sensing & GIS	Transportation Engineering -II	Estimating & Costing COMMON TO CE,CEE	Elective-II Advanced Structural Design Earth and Rock fill Dams and Slope Stability Water Resources Systems Analysis Industrial Waste Water Treatment Elective-II Optimization Techniques
	Switch Gear and Protection	Utilization of Electrical Energy	Digital Signal Processing	Elective-I High Voltage Engineering VLSI Design Digital Control Systems Data Structures Elective -I Robotics Mechanical Vibrations Mechatronics Mechanics of Composite Materials Industrial Management Nanotechnology
ELECTRICAL AND ELECTRONICS ENGINEERING (02-E E E)	Operations Research COMMON TO ME,MCT,MIE, MSNT,MEP	Power Plant Engineering	CAD/CAM COMMON TO ME,AE,AME,MSNT	Instrumentation and Control Systems COMMON TO ME,AME
				ELECTIVE - II Unconventional Machining Processes CNC Technology Automation in Manufacturing Design for Manufacturing
MECHANICAL ENGINEERING (03-M E)				

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BRANCH	DATE, DAY & SESSION			
	05-01-2018 FRIDAY	06-01-2018 SATURDAY	08-01-2018 MONDAY	
ELECTRONICS AND COMMUNICATIONS ENGINEERING (04-E C E)	12:00 PM to 12:45 PM	12:00 PM to 12:45 PM	4:00 PM to 4:45 PM	4:00 PM to 4:45 PM
	Management Science COMMON TO ECE,ETM ,MMT	Microwave Engineering	Cellular and Mobile Communications	Elective -I Digital Image Processing Multimedia and Signal Coding Object Oriented Programming through Java ELECTIVE -I Software Project Management Image processing and Pattern Recognition Mobile Computing Computer Graphics Operations Research Big data analytics(Associate analytics-II) Information Security assessments and Audits (security analyst-2)
COMPUTER SCIENCE AND ENGINEERING (05-C S E)	12:00 PM to 12:45 PM	12:00 PM to 12:45 PM	4:00 PM to 4:45 PM	4:00 PM to 4:45 PM
	Cloud Computing	Data Warehousing and Data Mining	Linux Programming COMMON TO CSE,ECC	Elective -I Biochemical Engineering Computational Fluid Dynamics Nanotechnology Elective -II Telemetry and Telecontrol Optoelectronics & Laser Instrumentation Robotics and Automation
CHEMICAL ENGINEERING (08-C H E M)	12:00 PM to 12:45 PM	12:00 PM to 12:45 PM	4:00 PM to 4:45 PM	4:00 PM to 4:45 PM
	Transport Phenomena	Chemical Process Equipment Design	Process Modeling and Simulation	Elective -II Polymer Technology Petrochemical Technology Chemical Process Optimization
ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-E I E)	12:00 PM to 12:45 PM	12:00 PM to 12:45 PM	4:00 PM to 4:45 PM	4:00 PM to 4:45 PM
	Analytical Instrumentation COMMON TO EIE,ICE	Embedded Systems COMMON TO EIE,ECC,ICE	PC Based Instrumentation	Elective -II Computer Networks Digital Control Systems Biomedical Instrumentation

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BIO-MEDICAL ENGINEERING (11-B M E)	Medical Image Processing	Rehabilitation Engineering	Biomedical Signal Processing	Lasers & Fiber Optic Instrumentation Artificial Neural Networks Nanotechnology ELECTIVE – I Wireless Networks and Mobile Computing Image Processing and Pattern Recognition Soft Computing Semantic Web and Social Networks Operations Research Big data analytics(Associate analytics-II) Information Security assessments and Audits (security analyst-2)
	Computer Networks COMMON TO BME,ECE,ECC			Embedded & Real Time Systems VLSI Design DSP Processors & Architectures ELECTIVE – II Software Project Management Computer Graphics Human Computer Interaction Scripting Languages Computer Forensics
INFORMATION TECHNOLOGY (12- I T)	Information Security COMMON TO CST,IT	Mobile Application Development COMMON TO CST,IT	Information Retrieval Systems COMMON TO CST,IT	
	Design Patterns COMMON TO CSE,IT,CST,			
MECHANICAL ENGINEERING (MECHATRONICS (14-MCT)	Operations Research COMMON TO ME,MCT,MIE, MSNT,MEP	Microprocessors and Micro Controllers	Motion Control Design	Power Plant Engineering Computer Organization Flexible Manufacturing System Advanced Kinematics and Dynamics of Machinery
		Robotics & its applications		Product Design and Assembly Automation Renewable Energy Sources Computational Fluid Dynamics Data Structures

BRANCH	DATE, DAY & SESSION				
	05-01-2018 FRIDAY	06-01-2018 SATURDAY	08-01-2018 MONDAY		
ELECTRONICS AND TELEMATICS ENGINEERING (17-E T M)	12:00 PM to 12:45 PM Management Science COMMON TO ICE,ETM, MMT,	12:00 PM to 12:45 PM Advanced Tele communication Technologies	4:00PM to 4:45PM Electronic Measurements and Instrumentation	12:00 PM to 12:45 PM <u>Elective -I:</u> Digital Image Processing Digital Signal Processors and Architectures Spread Spectrum Communications	4:00PM to 4:45PM <u>Elective -II:</u> Optical Communications Digital Control Systems Embedded Systems Design
	Management Science COMMON TO ICE,ETM, MMT	Material Characterization Techniques	Non Destructive Testing	<u>Departmental Elective I</u> Ceramic Science and Technology X- Ray Diffraction Light Metals and Alloys Probability & Statistics	<u>Departmental Elective II</u> Semi Conductors and Magnetic Materials Metallurgical Problems Polymeric Materials
METALLURGICAL AND MATERIAL ENGINEERING (18-M M T)	Electro Metallurgy and Corrosion			<u>Elective -I</u> Advanced Computational Aerodynamics Flight Scheduling and Operations Mechanisms and Mechanical Design Theory of Elasticity Probability and Statistics	<u>Elective - II</u> Space Mechanics Experimental Aerodynamics Operations Research Aircraft Maintenance Engineering
	Management Science COMMON TO ICE,ETM, MMT	Material Characterization Techniques	Non Destructive Testing	<u>Elective -I</u> Advanced Computational Aerodynamics Flight Scheduling and Operations Mechanisms and Mechanical Design Theory of Elasticity Probability and Statistics	<u>Elective - II</u> Space Mechanics Experimental Aerodynamics Operations Research Aircraft Maintenance Engineering
AERONAUTICAL ENGINEERING (21-A E)	Mechanical Vibrations and Structural Dynamics	CAD/CAM COMMON TO ME,AE,AME, MSNT	Control Theory – Application to Flight Control Systems	<u>Elective -I</u> Metrology & Surface Engineering Automotive Pollution and Control Mechatronics Mechanical Vibrations Robotics	<u>Elective - II</u> Micro Processors and Micro Controllers Computational Fluid Dynamics Finite Element Methods Vehicle Body Engineering and Safety Operations Research
	Airframe Structural Design			<u>Elective -I</u> Metrology & Surface Engineering Automotive Pollution and Control Mechatronics Mechanical Vibrations Robotics	<u>Elective - II</u> Micro Processors and Micro Controllers Computational Fluid Dynamics Finite Element Methods Vehicle Body Engineering and Safety Operations Research
AUTOMOBILE ENGG. (24 – AME)	Automotive Electrical and Autotronics	CAD/CAM COMMON TO ME,AE,AME,MSNT	Instrumentation and Control Systems COMMON TO ME,AME	<u>Elective -I</u> Metrology & Surface Engineering Automotive Pollution and Control Mechatronics Mechanical Vibrations Robotics	<u>Elective - II</u> Micro Processors and Micro Controllers Computational Fluid Dynamics Finite Element Methods Vehicle Body Engineering and Safety Operations Research
	Automotive Electrical and Autotronics			<u>Elective -I</u> Metrology & Surface Engineering Automotive Pollution and Control Mechatronics Mechanical Vibrations Robotics	<u>Elective - II</u> Micro Processors and Micro Controllers Computational Fluid Dynamics Finite Element Methods Vehicle Body Engineering and Safety Operations Research

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MINING ENGINEERING (25 – MIE)	Operations Research COMMON TO ME, MCT, MIE , MSNT, MEP,	Rock Mechanics	Mineral Processing	Mine Legislation	Elective-I Rock Slope Engineering	Elective-II Computer Applications in Mining
					Mine Subsidence Engineering	Mine Construction Engineering
					Rock Excavation Engineering	Tunneling Engineering
					Rock Fragmentation Engineering	
					Mine Economics	Strata Control Technology
					Mechatronics	
PETROLIUM ENGG. (27 – PTME)	Enhanced oil Recovery Techniques	Petroleum Refinery Engineering	Health, Safety & Environment in Petroleum Industry	Petroleum Management, Marketing & Finance	Elective - I Natural Gas Processing	ELECTIVE - II Offshore Engineering
					Coal Bed Methane Engineering	Horizontal Well Technology
					Petro Chemical Engineering	Optimization of Upstream Processes
					Mass Transfer Operations	Chemical Reaction Engineering-
					Material Science	1
CIVIL & ENVIRONMEN TAL ENGINEERING (28-C E E)	Transportation Engineering	Solid waste Management	Estimating & Costing COMMON TO CE, CEE	Air Pollution and Control	Elective-II Industrial Waste Water Treatment	Elective-III Environmental Sanitation
					Environmental Pollution of Soil & Remediation	Finite Element Methods
					Watershed Management	Remote Sensing & GIS

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MECHANICAL ENGINEERING (MATRIAL SCIENCE & NANO TECHNOLOGY) (29 – MSNT)	12:00 PM to 12:45 PM	12:00 PM to 12:45 PM	4:00 PM to 4:45 PM	4:00 PM to 4:45 PM
	Operations Research COMMON TO ME, MCT, MIE, MSNT, MEP	CAD/CAM COMMON TO ME, AE, AME, MSNT	Metrology Instrumentation and Control Systems	ELECTIVE - II Mechanical behavior of Nano Materials Nano Sensors and Actuators
				MEMS/ NEMS Design and Applications Surface Engineering
AGRICULTURE ENGINEERING (30 - ACE)	12:00 PM to 12:45 PM	12:00 PM to 12:45 PM	4:00 PM to 4:45 PM	4:00 PM to 4:45 PM
	Micro Irrigation Engineering	Post Harvest Engineering for Horticulture Produce	Agro Industries and Bi- product Utilization	ELECTIVE - I Watershed Management
				Mechanical Measurements and Instrumentation
				Computational Fluid Dynamics
				Food Processing Plant Design and Layout

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) READMITTED STUDENTS HAVE TO APPEAR FOR THE SUBSTITUTE SUBJECT(S) [WHICH IS/ARE NOT SHOWN IN THE TIME-TABLE] IN PLACE OF THE SUBJECT(S) ALREADY PASSED. FOR DETAILS OF SUBSTITUTE SUBJECTS REFER THE COMMUNICATIONS RECEIVED FROM THE DIRECTOR OF ACADEMIC & PLANNING.

DATE: 15-12-2017

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CONTROLLER OF EXAMINATIONS