JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 500085

E X A M I N A T I O N B R A N C H

IV YEAR B.TECH - I SEMESTER– R13- REGULATION – COMPUTER BASED TEST(CBT),JANUARY-2017

T I M E T A B L E

BRANCH	DATE,DAY& SESSION					
	19-01-2017 THURSDAY		20-01-2017 FRIDAY		21-01-2017 SATURDAY	
	12:00 PM to 12:45 PM	4:00 PM to 4:45PM	12:00 PM to 12:45 PM	4:00 PM to 4:45PM	12:00 PM to 12:45 PM	4:00 PM to 4:45PM
CIVIL ENGINEERING (01-C E)	Remote Sensing & GIS	Transportation Engineering -II	Estimating & Costing **COMMON TO CE,CEE**	Water Resources Engineering-II	Elective-II Finite Element Methods	Elective-III Advanced Structural Design
					Advanced Foundation Engineering	Earth and Rock fill Dams and Slope Stability
					Watershed Management	Water Resources Systems Analysis
					Air Pollution and Control	Industrial Waste Water Treatment
ELECTRICAL AND ELECTRONICS ENGINEERING (02-E E E)	Switch Gear and Protection	Utilization of Electrical Energy	Digital Signal Processing	Power System Operation and Control	Elective-I High Voltage Engineering	Elective-II Optimization Techniques
					VLSI Design	Electrical Distribution Systems
					Digital Control Systems	Electrical Estimation and Costing
					Data Structures	
MECHANICAL ENGINEERING (03-M 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 – I Robotics	ELECTIVE – II Unconventional Machining Processes
					Mechanical Vibrations	CNC Technology
					Mechatronics	Automation in Manufacturing
					Mechanics of Composite Materials	Design for Manufacturing
					Industrial Management	Nanotechnology

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ELECTRONICS AND COMMUNICATIONS ENGINEERING (04-E C E)	Management Science **COMMON TO ECE,ETM ,MMT**	Computer Networks **COMMON TO ECE,BME, ECC**	Microwave Engineering	Cellular and Mobile Communications	Elective – I Digital Image Processing	Elective -II: Television Engineering
					Multimedia and Signal Coding	Optical Communications
					Object Oriented Programming through Java	Embedded Systems Design
COMPUTER SCIENCE AND ENGINEERING (05-C S E)	Cloud Computing	Design Patterns **COMMON TO CSE,IT,CST**,	Data Warehousing and Data Mining	Linux Programming COMMON TO CSE,ECC	ELECTIVE – I Software Project Management	ELECTIVE – II Machine Learning
					Image processing and Pattern Recognition	Soft Computing
					Mobile Computing	Information Retrieval Systems
					Computer Graphics	Artificial Intelligence
					Operations Research	Computer Forensics
					Big data analytics(Associate analytics-II)	
					Information Security assessments and credits(security analyst-2)	
CHEMICAL ENGINEERING (08-C H E M)	Transport Phenomena	Process Dynamics & Control	Chemical Process Equipment Design	Process Modeling and Simulation	Elective-I Biochemical Engineering	Elective - II Polymer Technology
					Computational Fluid Dynamics	Petroleum and Petrochemical Technology
					Nanotechnology	Chemical Process Optimization
ELECTRONICS AND INSTRUMENTATIO N ENGINEERING (10-E I E)	Analytical Instrumentation **COMMON TO EIE,ICE**	VLSI Design	Embedded Systems **COMMON TO EIE,ECC,ICE**	PC Based Instrumentation	Elective –I Telemetry and Telecontrol	Elective – II Computer Networks
					Optoelectronics & Laser Instrumentation	Digital Control Systems
					Robotics and Automation	Biomedical Instrumentation

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

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ELECTRONICS AND TELEMATICS ENGINEERING (17-E T M)	Management Science **COMMON TO ICE,ETM, MMT,**	Multimedia and Signal Coding	Advanced Tele communication Technologies	Electronic Measurements and Instrumentation	Elective -I: Digital Image Processing	Elective -II: Optical Communications
					Digital Signal Processors and Architectures	Digital Control Systems
					Spread Spectrum Communications	Embedded Systems Design
METALLURGICAL AND MATERIAL ENGINEERING (18-M M T)	Management Science **COMMON TO ICE,ETM, MMT**	Electro Metallurgy and Corrosion	Material Characterization Techniques	Non Destructive Testing	Departmental Elective I Ceramic Science and Technology	Departmental Elective II Semi Conductors and Magnetic Materials
					X- Ray Diffraction	Metallurgical Problems
					Light Metals and Alloys	Polymeric Materials
					Probability & Statistics	
ELECTRONICS AND COMPUTER ENGINEERING (19-E C C)	VLSI Design	Computer Networks **COMMON TO ECE,BME,ECC**	Embedded Systems **COMMON TO ECC,ICE,EIE**	Linux Programming **COMMON TO CSE,ECC**	Elective – I Cellular & Mobile Communications	Elective – II Digital Image Processing
					Artificial Intelligence	Cloud Computing Data
					Computer Graphics	Warehousing and Data Mining
MECHANICAL ENGINEERING (PRODUCTION) (20-M E P)	Operations Research **COMMON TO ME,MCT,MIE,MSNT, MEP**	Mechatronics & its applications	CAD/CAM **COMMON TO ME,AE,AME,MSNT**	Instrumentation and Control Systems	ELECTIVE – I Robotics	ELECTIVE – II Unconventional Machining Processes
					Computer Integrated Manufacturing	Precision engineering
					CNC Technology	Automation in Manufacturing
					Machine Tool Design	Design for Manufacturing & Assembly
					Engineering Optimization	Nanotechnology

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AERONAUTICAL ENGINEERING (21-A E)	Airframe Structural Design	Mechanical Vibrations and Structural Dynamics	CAD/CAM **COMMON TO ME,AE,AME, MSNT**	Control Theory – Application to Flight Control Systems	Elective – I Advanced Computational Aerodynamics	Elective - II Space Mechanics
					Flight Scheduling and Operations	Experimental Aerodynamics
					Mechanisms and Mechanical Design	Operations Research
					Theory of Elasticity	Aircraft Maintenance Engineering
					Probability and Statistics	
INSTRUMENTATIO N AND CONTROL ENGINEERING (22-I C E)	Analytical Instrumentation **COMMON TO ICE,EIE**	Computer Aided Design of Control Systems	Embedded Systems **COMMON TO ICE,ECC,EIE**	Digital Control Systems	Elective – I Object Oriented Programming Through JAVA	Elective – II Instrumentation and Control in Manufacturing systems
					Optoelectronic & Laser Instrumentation	Computer Networks
					Telemetry and Tele Control	Bio medical Instrumentation
BIOTECHNOLOGY (23-B O T)	Bio informatics	Transport Phenomena in Bioprocess	Downstream Processing	Animal Biotechnology	ELECTIVE –II Crop improvement	ELECTIVE –III Molecular pathogenesis
					Structural Biology	Biopharmaceuticals
					Cancer Biology	Introduction to Biomaterials
					Artificial Neural Networks	
AUTOMOBILE ENGG. (24 – AME)	Automotive Electrical and Autotronics	Automotive chassis and Suspension	CAD/CAM **COMMON TO ME,AE,AME,MSNT**	Instrumentation and Control Systems **COMMON TO ME,AME**	ELECTIVE – I Metrology & Surface Engineering	ELECTIVE – II Micro Processors and Micro Controllers
					Automotive Pollution and Control	Computational Fluid Dynamics
						Finite Element Methods
					Mechatronics	Vehicle Body Engineering and Safety
					Mechanical Vibrations	Operations Research
					Robotics	

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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	
					Rock Fragmentation Engineering	Tunneling Engineering
					Mine Economics	Strata Control Technology
MINING MACHINERY (26-MIM)	Material Handling in Mines	Mine Electrical Engineering	Automobile Engineering	Metrology and Machine Tools	Elective-I Principle s of Tribology	Elective-II Underground Production Equipment
					Mechanical Systems Design	Maintenance Engineering
					Microprocessors and microcontrollers	System Modeling and Simulation
					Mechatronics	
PETROLIUM ENGG. (27 – PTME)	Enhanced oil Recovery Techniques	Petroleum Refinery Engineering	Health, Safety & Environment in Petroleum Industry	Petroleum Management, Marketing & Finan ce	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-1
					Material Science	
CIVIL & ENVIRONMENTAL 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 (MATERRIAL SCIENCE & NANO TECHNOLOGY) (29 – MSNT)	Operations Research **COMMON TO ME,MCT,MIE, MSNT,MEP**	Carbon Nano Tubes and their Applications	CAD/CAM **COMMON TO ME,AE,AME,MSNT**	Metrology Instrumentation and Control Systems	ELECTIVE - I Robotics	ELECTIVE - II Mechanical behavior of Nano Materials
					Mechanical Vibrations	Nano Sensors and Actuators
					CNC Technology	MEMS/ NEMS Design and Applications
					mechanics of Composite Materials	Surface Engineering
					Automobile Engineering	
AGRICULTURE ENGINEERING (30 - ACE)	Micro Irrigation Engineering	Farm Machinery and Equipments-II	Post Harvest Engineering for Horticulture Produce	Agro Industries and Bi- product Utilization	ELECTIVE - I Operations Research	ELECTIVE - II Watershed Planning and Management
					Drying and Storage Engineering	Mechanical Measurements and Instrumentation
					Managerial economics & financial Analysis	Computational Fluid Dynamics
					Food Processing Plant Design and Layout	
COMPUTER SCIENCE & TECHNOLOGY (31-CST)	Information Security **COMMON TO CST,IT**	Design Patterns **COMMON TO CST,CSE,IT**	Mobile Application Development **COMMON TO CST, IT**	Information Retrieval Systems **COMMON TO CST, IT**	ELECTIVE - I Wireless Networks and Mobile Computing	ELECTIVE - II Software Project Management
					Image Processing and Pattern Recognition	Computer Graphics
					Soft Computing	Human Computer Interaction
					Semantic Web and Social Networks	Scripting Languages
					Operations Research	Computer Forensics

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.

Sd/-xxx

DATE: 31-12-2016

CONTROLLER OF EXAMINATIONS