

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD – 5000 85

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

IV YEAR B.TECH - I SEMESTER– R13 –I MID TERM EXAMINATIONS SEPTEMBER-2017

T I M E T A B L E

TIME → FN: 10.00 AM TO 11.30 AM

AN: 02.00 PM TO 03.30 PM

BRANCH	12-09-2017 FN TUESDAY	12-09-2017 AN TUESDAY	13-09-2017 FN WEDNESDAY	13-09-2017 AN WEDNESDAY	14-09-2017 FN THURSDAY	14-09-2017AN THURSDAY	15-09-2017FN FRIDAY	15-09-2017AN FRIDAY
<b>CIVIL ENGINEERING (01-C E)</b>	Advanced Structural Design	Air Pollution and Control (Comm. To CE, CEE)	Remote Sensing & GIS (Comm. To CE, CEE)	Watershed Management (COMM. To CE, CEE, ACE)	Estimating & Costing (Comm. To CE, CEE)	Water Resources Engineering-II	Advanced Foundation Engineering	Transportation Engineering -II
	Earth and Rock fill Dams and Slope Stability						Finite Element Methods (Comm. To CE, CEE)	
	Water Resources Systems Analysis							
	Industrial Waste Water Treatment (Comm. To CE, CEE)							
<b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-E E E)</b>	Switch Gear and Protection	--	VLSI Design (Comm to EEE, EIE, BME)	Utilization of Electrical Energy	Digital Signal Processing	Power System Operation and Control	Digital Control Systems (comm. To EEE, EIE)	Optimization Techniques
							High Voltage Engineering	Electrical Distribution Systems
								Electrical Estimation and Costing

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<b>MECHANICAL ENGINEERING (03-M E)</b>	-	-	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE )	Power Plant Engineering (Comm. To ME, MCT)	CAD/CAM (Comm. To ME, AE, AME, MSNT)	Instrumentation and Control Systems (Comm. To ME, AME)	Robotics (Comm. To ME, AME, MSNT)	Unconventional Machining Processes
							Mechanical Vibrations (Comm. TO ME, AME, MSNT)	CNC Technology (Comm. To ME, MSNT)
							Mechatronics (Comm. To ME, AME)	Automation in Manufacturing
							Mechanics of Composite Materials (Comm. To ME, MSNT)	Design for Manufacturing
							Industrial Management	Nanotechnology (Comm. To ME, CHEM, BME)

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<b>ELECTRONICS AND COMMUNICA TIONS ENGINEERING (04-E C E)</b>	Cellular and Mobile Communications	--	Management Science (Comm. To ECE, ETM, MMT)	Microwave Engineering	Computer Networks (Comm. To ECE, EIE, BME)	Multimedia and Signal Coding (Comm. To ECE, ETM)	Digital Image Processing (Comm. To ECE, ETM)	Television Engineering
							Object Oriented Programming through Java	Optical Communications (Comm. To ECE, ETM)
							Software Project Management (Comm. To CSE, IT)	Embedded Systems Design (Comm. To ECE, ETM)
<b>COMPUTER SCIENCE AND ENGINEERING (05-C S E)</b>	Information Retrieval Systems (Comm. To CSE, IT)	Data Warehousing and Data Mining	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE )	Design Patterns (Comm. To CSE, IT)	Linux Programming	Cloud Computing	Machine Learning	
			Image processing and Pattern Recognition (Comm. To CSE, IT)				Soft Computing (Comm. To CSE, IT)	
			Big data analytics(Associate analytics-II) (Comm. To CSE, IT)				Mobile Computing	
			Information Security assessments and credits(security analyst-2) (Comm. To CSE, IT)				Computer Graphics (Comm. To CSE, IT)	
							Artificial Intelligence	
							Computer Forensics	

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EXAMINATION BRANCH

IV YEAR B.TECH - I SEMESTER – R13 – I MID TERM EXAMINATIONS SEPTEMBER-2017

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<b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-E I E)</b>	Embedded Systems	--	VLSI Design (Comm to EEE, EIE, BME)	Analytical Instrumentation	Computer Networks (Comm. To ECE, EIE, BME)	PC Based Instrumentation	Digital Control Systems (comm. To EEE, EIE)	Telemetry and Telecontrol
							Medical Instrumentation	Optoelectronics & Laser Instrumentation
								Robotics and Automation

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**EXAMINATION BRANCH**

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<b>INFORMATION TECHNOLOGY (12- I T)</b>	Information Retrieval Systems (Comm. To CSE, IT)	--	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE )	Design Patterns (Comm. To CSE, IT)	Information Security	Mobile Application Development	Software Project Management (Comm. To CSE, IT)	Soft Computing (Comm. To CSE, IT)
			Image processing and Pattern Recognition (Comm. To CSE, IT)				Computer Graphics (Comm. To CSE, IT)	
			Wireless Networks and Mobile Computing				Human Computer Interaction	
			Semantic Web and Social Networks				Scripting Languages	
			Big data analytics(Associate analytics-II) (Comm. To CSE, IT)				Computer Forensics	
			Information Security assessments and credits(security analyst- 2) (Comm. To CSE, IT)					

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<b>MECHANICAL ENGINEERING (MECHATRONICS) (14-MCT)</b>	Computational Fluid Dynamics (Comm. To MCT, AME, ACE)	--	OPERATION S RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE)	Power Plant Engineering (Comm. To ME, MCT)	Robotics & its applications	Motion Control Design	Product Design and Assembly Automation	Micro Processors and Micro Controllers (Comm. To MCT, AME)
				Computer Organization			Renewable Energy Sources	
				Flexible Manufacturing System			Data Structures	
				Advanced Kinematics and Dynamics of Machinery				
<b>ELECTRONICS AND TELEMATICS ENGINEERING (17-E T M)</b>	--	--	Management Science (Comm. To ECE, ETM, MMT)	Advanced Tele communication Technologies	Electronic Measurement s and Instrumentati on	Multimedia and Signal Coding (Comm. To ECE, ETM)	Digital Image Processing (Comm. To ECE, ETM)	Optical Communicati ons (Comm. To ECE, ETM)
							Digital Signal Processors and Architectures	Embedded Systems Design (Comm. To ECE, ETM)
							Spread Spectrum Communicatio ns	Digital Control Systems

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**EXAMINATION BRANCH**  
**IV YEAR B.TECH - I SEMESTER– R13 –I MID TERM EXAMINATIONS SEPTEMBER-2017**

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<b>METALLURGICAL AND MATERIAL ENGINEERING (18-M M T)</b>	--	--	Management Science (Comm. To ECE, ETM, MMT)	Electro Metallurgy and Corrosion	Material Characterization Techniques	Non Destructive Testing	Ceramic Science and Technology	Semi Conductors and Magnetic Materials
							X- Ray Diffraction	Metallurgical Problems
							Light Metals and Alloys	Polymeric Materials
							Probability & Statistics (Comm. To MMT, AE)	
<b>AERONAUTICAL ENGINEERING (21-A E)</b>	Control Theory – Application to Flight Control Systems	--	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE )	Airframe Structural Design	CAD/CAM (Comm. To ME, AE, AME, MSNT)	Mechanical Vibrations and Structural Dynamics	Probability & Statistics (Comm. To MMT, AE)	Space Mechanics
							Advanced Computational Aerodynamics	Experimental Aerodynamics
							Flight Scheduling and Operations	Aircraft Maintenance Engineering
							Mechanisms and Mechanical Design	
							Theory of Elasticity	

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<b>AUTOMOBILE ENGG. (24 – AME)</b>	Computational Fluid Dynamics (Comm. To MCT, AME, ACE)	Automotive chassis and Suspension	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE )	Automotive Electrical and Autotronics	CAD/CAM (Comm. To ME, AE, AME, MSNT)	Instrumentation and Control Systems (Comm. To ME, AME)	Robotics (Comm. To ME, AME, MSNT)	Microprocessors and Micro Controllers (Comm. To MCT, AME)
							Mechatronics (Comm. To ME, AME)	
							Metrology & Surface Engineering	Finite Element Methods
							Automotive Pollution and Control	Vehicle Body Engineering and Safety
							Mechanical Vibrations (Comm. TO ME, AME, MSNT)	
<b>MINING ENGINEERING (25 – MIE)</b>	--	--	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE )	Rock Mechanics	Mineral Processing	Mine Legislation	Rock Slope Engineering	Computer Applications in Mining
							Mine Subsidence Engineering	Mine Construction Engineering
							Rock Excavation Engineering	Tunneling Engineering
							Rock Fragmentation Engineering	Strata Control Technology
							Mine Economics	

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<b>PETROLIUM ENGG. (27 – PTME)</b>	-	-	Enhanced oil Recovery Techniques	Petroleum Refinery Engineering	Health, Safety & Environment in Petroleum Industry	Petroleum Management, Marketing & Finance	Natural Gas Processing	Offshore Engineering
							Coal Bed Methane Engineering	Horizontal Well Technology
							Petro Chemical Engineering	Optimization of Upstream Processes
							Mass Transfer Operations	Chemical Reaction
							Material Science	Engineering-1
<b>CIVIL &amp; ENVIRONMENTAL ENGINEERING (28-C E E)</b>	Industrial Waste Water Treatment (Comm. To CE, CEE)	Air Pollution and Control (Comm. To CE, CEE)	Remote Sensing & GIS (Comm. To CE, CEE)	Watershed Management (COMM. To CE, CEE, ACE)	Estimating & Costing (Comm. To CE, CEE)	Transportation Engineering	Finite Element Methods (Comm. To CE, CEE)	Solid waste Management
	Environmental Pollution of Soil & Remediation						Environmental Sanitation	

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<b>MECHANICAL ENGINEERING (MATERIAL SCIENCE &amp; NANO TECHNOLOGY) (29 – MSNT)</b>	Mechanical behavior of Nano Materials	-	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE )	Carbon Nano Tubes and their Applications	CAD/CAM (Comm. To ME, AE, AME, MSNT)	Metrology Instrumentat ion and Control Systems	Robotics (Comm. To ME, AME, MSNT)	CNC Technology (Comm. To ME, MSNT)
	Nano Sensors and Actuators						Automobile Engineering	
	MEMS/ NEMS Design and Applications						Mechanics of Composite Materials (Comm. To ME, MSNT)	
	Surface Engineering						Mechanical Vibrations (Comm. TO ME, AME, MSNT)	

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<b>AGRICULTURE ENGINEERING (30 - ACE)</b>	Computational Fluid Dynamics (Comm. To MCT, AME, ACE)	Post Harvest Engineering for Horticulture Produce	OPERATIONS RESEARCH (Comm. To ME, CSE, IT, MCT, AE, AME,MIE, ,MSNT, ACE ) Drying and Storage Engineering Managerial economics & financial Analysis Food processing plant design and layout	Watershed Management (COMM. To CE, CEE, ACE)	Micro Irrigation Engineering	Farm Machinery and Equipments-II	Agro Industries and Bi- product Utilization	Mechanical Measurements and Instrumentation

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.

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