

**JNTUH COLLEGE OF ENGINEERING: KUKATPALLY**  
(AUTONOMOUS)

**M.Tech (Day Time) II Semester End Examinations, August, 2014**

**EXAMINATION TIME – TABLE**

**Exam Time: 10.00 AM to 1.00 PM**

S.No	Branch	Name of the Subjects					
		11/8/2014 Monday	13/08/2014 Wednesday	16/08/2014 Saturday	18/08/2014 Monday	20/08/2014 Wednesday	22/08/2014 Friday
1	<b>Structural Engineering</b>	Structural Dynamics	Finite Element Methods	Earthquake resistant design of buildings	Advanced steel design	Principales of bridge engineering	Design of prestressed concrete structures
2	<b>Infrastructure Engineering</b>	Waste Management systems	Finite Element Methods	Integrated Water resources management	Urban/Regional transportation analysis and planning methods	Construction Management - II	Retain structures
3	<b>Geo Technical Engineering</b>	Soil structure interaction	Earth and rock fill dams and slope stability	Geosynthetics and soil reinforcement	Rock mechanics and engineering	Geotechnical earthquake engineering	Retaining structures
4	<b>Transportation Engineering</b>	Traffic analysis	Land use transportation modelling	Highway project formulation and economics	Pavement analysis and design	Intelligent transportation systems	GIS applications in transportation engineering
5	<b>Urban Transportation Engineerin</b>	Mass transportation systems planning & management (MTS)	Land use transportation modelling	Highway project formulation and economics	Advanced transportation systems	Intelligent transport systems	GIS applications in transportation engineering
6	<b>Power Electronics</b>	Electric drives	Solid state power converters - II	Flexible AC transmission systems	AI techniques in electrical engineering	Reliability engineeirng	Industrial Instrumentation

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7	<b>Electrical Power Engineering</b>	Power system dynamics	Power system operation and deregulation	Flexible AC transmission systems	AI techniques in electrical engineering	Gas insulated systems	Reactive power compensation and management
8	<b>Advanced Manufacturing Systems</b>	Advanced manufacturing process	Intelligent manufacturing systems	Manufacturing systems simulation modelling and analysis	Product desing and development	Finite element analysis	Industrial robotics
9	<b>Engineering Design</b>	Advanced Machine design	Finite element and boundary element methods	Vibration analysis of mechanical systems	Product design and development	Advanced mechanics of composite materials	Industrial robotics
10	<b>Thermal Engineering</b>	Energy management	Refrigeration & air conditioning	Computational fluid dynamics	Optimization techniques and applications	Finite element analysis	Equipment design of thermal systems
11	<b>Mechatronics</b>	Microcontroller and applications	Fuzzy logic and neural networks	MEMS	Design for manufacturing and assembly	Autotronics and vehicle intelligence	Industrial robotics
12	<b>Energy Systems</b>	Photovoltaic and solar thermal systems	Desing and optimization of energy systems	Thermal energy management and conservation	Electrical energy management and conservation	Advanced control systems	cogeneration

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13	<b>Systems &amp; Signal Processing</b>	Speech processing	Adaptive signal processing	Digital signal processors and architectures	Image and video processing	Wireless communication & networks	TCP / IP and ATM networks
14	<b>Digital Systems &amp; Computer Electronics</b>	Advanced computer architecture	Low power VLSI design	Design of fault tolerant systems	Embedded real time operating systems	Advanced computer networks	Coding theory and techniques
15	<b>Embedded Systems</b>	Systems on chip architecture	Embedded real time operating systems	DSP processors and architectures	Sensors and actuators	Advanced data communications	Network security & cryptography
16	<b>Information Technology</b>	Information security and audit	Web services and service oriented architecture	Cloud computing	Mobile application development	Embedded systems	Software testings Quality assurance
17	<b>Computer Science</b>	Advanced computer networks	Web services and service oriented architecture	Cloud computing	Security in computing	Parallel and distributed algorithms	Adhoc & sensor networks
18	<b>Metallurgy</b>	Welding science & Technology	Fracture mechanics & failure analysis	Advanced non ferrous metal production	Composite materials	Alloy steels	Destructive & Non destructive testing of materials