## NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL MID SEMESTER EXAMINATIONS, FEBRUARY - 2015 M.TECH **I YEAR** II-SEMESTER TIME: **10.00 AM to 12.00 NOON**

#### **CIVIL ENGINEERING**

## Revised

DATE	ENGINEERING STRUTURES	СТМ	WATER RESOURCES ENGINEERING	ENVIRONMENTAL ENGINEERING	TRANSPORTATION ENGINEERING	GEO-TECH. ENGINEERING	RS & GIS
16-02-2015	Structural Stability	Strategic Management in Construction	Free Surface Flows	Air Pollution and Control	Traffic Systems Design	Design with Geo Synthetics	Advanced GIS
18-02-2015	Finite Element Analysis of Structures	Contract Management & Arbitration	Water Resources Systems Planning & Management	Environmental Systems Engg.	Landuse & Regional Transportation Planning	Advanced Foundation Engineering	Digital Image Processing
19-02-2015	Theory of Plates and Shells	Quantitative Methods in Construction Management	Geo Hydrology & Ground Water Modeling	Solid & Hazardous Waster Management	Pavement Construction and Evaluation	Rock Mechanics	Global Positioning System
20-02-2015	Structural Heath Monitoring	Structural Heath Monitoring	Urban Water Management	Urban Water Management	Advanced Traffic Engineering/ Intelligent Transportation Systems	Soil Dynamics and Machine Foundations	Remote Sensing Geology
21-02-2015	Rehabilitation Of Structures	Rehabilitation Of Structures	Land & Water Management	Industrial Waste Management	Airport Infrastructure Planning & Design/ Optimization & Simulation Techniques	Earthquake Geo- techniques	Analytical & Digital Photogrammetry
23-02-2015	Construction Methods & Equipment	Construction Methods and Equipment	RSGIS in Water Resources & Envi. Engg.	RSGIS in Water Resources & Envi. Engg	Transport Economics & Project Appraisal	Earth Retaining Structures	Geospatial Techniques for Water & Environmental Engg.

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#### **MECHANICAL ENGINEERING**

DATE	AUTOMOBILE ENGINEERING	THERMAL ENGINEERING	MACHINE DESIGN	MATERIALS & SYSTEM ENGG DESIGN	COMPUTER INTEGRATED MANUFACTURING	MANUFACTURING ENGINEERING	ADDITIVE MANUFACTURING
16-02-2015	Automotive Body Structures	IC Engines	Integrated Product Design & Development	Materials Selection & Design	Computer Integrated Manufacturing	Advanced Mfg Processes	Add. Mfg. Machine & System
18-02-2015	Finite Element Analysis in Design	Gas Turbines and Jet Propulsion	Finite Element Analysis in Design	Advanced Material Processing - II	Finite Element Analysis	Finite Element Analysis	Finite Element Analysis
19-02-2015	Vehicle Dynamics	Renewable Sources of Energy	Rapid Manufacturing Techniques	Process Modeling & Simulation	Modeling & simulation of Mfg. System	Metrology & Computer Aided Inspection	Material & Mfg. Techniques
20-02-2015	Vehicle Testing & Instrumentation	Design of Heat Transfer Equipment	Analysis and Design of Mechanical Systems	Design & Analysis Of Experiments	Design & Analysis Of Experiments	Design & Analysis Of Experiments	Design & Analysis of Experiments
21-02-2015	Tribology Desing	Convective Heat Transfer	Tribology Desing	Advanced CAD	Supply Chain Management	Mechatronics & Robotics	Rapid Tooling & Indl Applns
23-04-2014	Computational Fluid dynamics	Measurements in Thermal Engineering	Computational Fluid dynamics	Design for Manufacturing & Assembly	Product Lifecycle Management	Precision Engineering	Product Design for Mfg & Assembly
To be conducted by Department			Structural Health Monitoring	Materials and Renewable Energy	Flexible Manufacturing Systems	Flexible Manufacturing Systems	Add. Mfg. in Medical Applns/ Powder Metallurgy

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#### ELECTRICAL ENGINEERING ELECTRONICS & COMMUNICATION ENGINEERING

DATE	Power Electronics & Drives	Power Systems Engineering	Electronics Instrumentation	VLSI System Design	Advanced Communication Systems
16-02-2015	Advanced Electrical Drives	Advanced Power System Protection	Data Acquisition and Display System	Mixed Signal Design	Communication System Modeling
18-02-2015	Advanced Power Electronics - II	State Estimation And Security Analysis	PC Based Instrumentation	RF IC Design	Multimedia Communication
19-02-2015	Digital Control System	Power System Stability and Control	Process Control Instrumentation	FPGA Design	Mobile Networks
20-02-2015	Alternate Sources of Electric Energy	Alternate Sources of Electric Energy	VLSI System Design	Low Power VLSI Design	Secured Communication
21-02-2015	Electric Traction	Power System Deregulation	ES & RTOS	Physical Design Automation	ES & RTOS
23-02-2015	Power Quality	Power Quality	Advanced Digital Signal Processing	Testing and Testability	Wireless Sensor Networks

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## METALLURGICAL & MATERIALS ENGINEERING CHEMICAL ENGINEERING COMPUTER SICENCE & ENGINEERING

DATE	INDUSTRIAL METALLURGY	MATERIALS TECHNOLOGY	COMPUTER AIDED PROCESS & EQUIP. DESIGN	COMPUTER SCIENCE & ENGINEERING	CS INFORMATION SECURITY
16-02-2015	Materials Joining and Non Destructive Testing	Materials Joining and Non Destructive Testing	Optimization of Chemical Process	High Performance Computing	Database Security
18-02-2015	Materials Characterization Techniques	Materials Characterization Techniques	Computer Control of Process Plants	Socket Programming and Network Security	Advanced Computer Networks and Security
19-02-2015	Powder Processing Technology	Particulate Materials	Steady State Process Simulation	Advanced Data Mining	Design of Secure Protocols
20-02-2015	Advanced Experimental Techniques	High Temperature	Advanced Mass Transfer	Social Media Analysis	Cyber laws & IPR
21-02-2015	Nuclear Metallurgy	Nano Science & Technology	Process Intensification	Security & Privacy	Privacy Preserving Data Publishing
23-02-2045	Advances in Mechanical Working	Failure analysis	Membrane Separation Techniques		

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