

OFFICE OF THE DEAN ACADEMIC  
INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR

**M.TECH SECOND SEMESTER FINAL EXAMINATION FOR THE SESSION 2018 –2019 TO BE HELD IN APRIL 2019**

PROGRAMME

**DATE OF COMMENCEMENT: 25.04.2019**

**TIME: 10.00 AM TO 1.00 PM**

DATE	ME	CE	ETC	IT
25.04.2019	Design Optimization (ME1010) / Numerical Heat Transfer (ME1007)/ Operation Management(ME 1016)/	Plastic Analysis of Structures (CE1001)/Advanced Pavement Design (CE1039) /Mgt.in water Spl.Sanitn. (CE-1038)/ Theoretical Soil Mechanics (CE1011)/ Flow Through Open Channel II (CE1040)	RF-IC and RF-MEMS (ETC-1035) Switching Theory and VLSI Design (ETC-1013) Wireless Communication(ETC-1041)	Information System & Security <b>ICE-1003</b>
26.04.2019	Greenhouse Technology(ME 1034)/ Advanced Machining Technology(ME 1015)/Composite Structures(ME 1035)	Dynamics of Structures (CE1002) / Adv. Soil Mechanics II (CE1009)/Transportation Planning & Management (CE1024) // Industrial Water Pollution Control (CE1018)/ Water Resources Planning & Management (CE1014)	Antenna Engineering for Modern Communication (ETC-1034) Digital Image Processing and computer vision (ETC-1015)	Internet & Web based Technology <b>ICE - 1002</b>
01.05.2019	/ Air Conditioning Engineering (ME1004) / Advanced Convective Heat Transfer(ME 1001)/ Energy Beam Processing of Materials (ME1019)/ Industrial Tribology(ME1011)	Num. Methods of Str. Analysis (CE1005) / Dyn. Of Soil & Foundation (CE1012)/ Hydraulic Structure II (CE1015)/ Air Pollution Control Engineering (CE1019)/ Pavement Design II (CE1022)	Optical Communication & Networking (ETC- 1042) / Advanced Microwave Circuits, Systems & Measurements (ETC-1033)/ Architecture of Microprocessor & Microcomputer (ETC-1011)	Digital Voice& Picture Processing <b>ICE-1001</b>
02.05.2019	Gas Turbine & Compressors (ME1003) Geometric Modeling for CAD (ME1009) Quality & Reliability Management (ME1026)	Ground Improvement Techniques (CE1033)/ Flood Control Engg (CE1035)/ Opti. Trans. Planning (CE1025)/ Env Engg Hyd Design, (CE-1021)/ Optimization of Structures (CE1003)	Fault Diagnosis in Digital System (ETC-1012)/ Radar Signal Processing& Imaging (ETC-1036)	Embedded System <b>ICE 1005/2</b>
03.05.2019	Solar Thermal Engineering(ME 1005) / Fatigue, Creep & Fracture Mechanics(ME 1013) Operation Research in Production Mgmt (ME1017 )	Foundation Engineering II (CE1010) / Traffic Flow Theory & Control (CE1023)/ Solid Waste Management (CE1020)/ Ground Water Hydrology (CE1017) Probabilistic Design (CE1026)	Advanced Instrumentation (ETC-1014) Telecommunication & Switching System (ETC-1040) Electromagnetic Meta materials(ETC-1038)	Soft Computing Techniques <b>ICE-1004</b>

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DATE	ENGG MECHANICS	CSE	METALLURGY	MINING	MURP
25.04.2019	Advance Mechanics Of Fluids -II (AM1006) Mechanics Of Plates & Shells -II (AM 1002)	Operating System <b>CST-1009</b>	Functional Material(MET 1007) Advanced Ferrous (MET 1004)	Rock Slope Engineering MN-1005/2 Geographical Information System & Remote Sensing MN-1005/4	City& Metropolitan Planning <b>MURP-201</b>
26.04.2019	Supersonic Flow (AM-1031) Theory Of Elasticity & Plasticity II (AM-1003)	Image Processing & Pattern Recognition <b>CST-1013</b>	Manufacturing Process(MET 1002)	Environmental Management & Control in Mines MN- 1003	Housing .& Urban Renewal <b>MURP-204</b>
01.05.2019	Fluid Turbulence-II (AM-1010) Advanced Dynamics Of Structures (AM 1041)	Fuzzy Logic &Applications <b>CST-1010</b>	Design & Selection of Material (MET 1003)	Material Handling & Transport MN – 1002	Regional Planning Theory <b>MURP-202</b>
02.05.2019	Hydraulic Control System –II ( AM1012) Finite Element Analysis -II (AM -1004)	Data Base Management System <b>CST-1002</b>	Characterization of Material(MET 1001)	Mine System Analysis & Design MN - 1001	Ecology, Environment & Energy <b>MURP-203</b>
03.05.2019	Theory Of Hydraulic Model-II (AM 1008) Biomechanics- II (AM -1020)	Computer Networks <b>CST-1003</b>	Heat Treatment( MET 1005)/ Surface Degradation & Protection(MET 1006)	Project Management MN-1004	Urban Heritage Conservation( <b>MURP 206/1</b> ) Rural Development & Planning <b>MURP-206/3</b>
04.05.2019					Urban Design Principles <b>MURP-205</b>

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P R O G R A M M E

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DATE	RENEWABLE ENERGY SC & TECH	GEOINFORMATICS	BIOMEDICAL ENGINEERING	EE	OCCUPATIONAL HEALTH
25.04.2019	Instrumentation and control in energy systems <b>RE-1001</b>	Geographic Information System-II <b>MGGEO-201</b>	Advanced Biomaterials & Regenerative Medicine <b>MBE-1005/2</b>		Reliability Engineering SOH 1003
26.04.2019	Small hydro, geothermal and ocean energy <b>RE-1003</b>	DBMS <b>MGGEO 203</b>	Biomechanics <b>MBE-1002</b>	Process Control Instrumentation (EE 1005)/Advanced Electric Drives (EE1004)/ Power Sys Stability, Security & HV Engineering (EE 1006)/ Analysis of Synchronous and Asynchronous Machines (EE1007) /	Safety & Health in Common Industrial Operations SOH 1005
01.05.2019	Fuel Cells , hydrogen energy and energy Storage <b>RE-1002</b>	Remote Sensing-II <b>MGGEO 202</b>	Nano & Micro Fabrication Techniques <b>MBE-1004/2</b>	Selected M/c for EI Vehicle & Wind Power Application(EE 1008)/ Optimal Filtering & Stochastic Proc(EE 1009)/ Switchgear & Adv Power Sys Protection (EE 1002)	Rules and Regulations SOH 1004
02.05.2019	Energy – Policy , Planning and Management <b>RE-1004</b>	Geo. Inform. System-III <b>MGGEO204</b>	Med. Dev.& Drug Development <b>MBE-1001</b>	Optimal & Robust Control Theory (EE 1001)/Dynamics of Regulated Machines(EE 1010)/Condition Monitoring of Electrical Equipment (EE1011) / Special Topics in Power Electronics(EE 1012)/ Energy Sys Planning & Mgmt (EE1003)/Condition Monitoring of Electrical Equipment(EE 1011)	Safety in Operations II SOH 1001
03.05.2019	Advanced Solar Cell Concepts and related technology <b>RE-1005/1</b> Renewable energy for electrification and grid integration <b>RE-1005/4</b>	Application of Remote Sensing & GIS on Natural Resources <b>MGGEO 205/1</b>	Data Analysis & Soft Computing <b>MBE-1003</b>	//	Hazard Identification and Risk Analysis SOH 1002

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