

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

Revised Programme of **M.TECH/MOP (1st Semester)** Mid-Semester Examinations (Odd) to be held in September 2019

Date of Commencement: 16. 09. 2019

Time: 10.00 AM - 12.00 Noon

DATE	INFORMATION TECHNOLOGY	ELECTRICAL ENGINEERING	MECHANICAL ENGINEERING
16/09/2019	Algorithm(IT5101)	Advanced Microcontroller Technology(EE5121)/Advanced Computational Methods in Electrical Engineering(EE5122)/Application of Soft Computing Techniques in Electrical Engineering(EE5123)	Advanced Engineering Thermodynamics (ME5101) Advanced theory of Metal Cutting(ME5117) Finite Element Methods(ME5115)
17/09/2019	Advanced Computer Architecture(IT5102)	Advanced Power System Analysis(EE5104)/ Theory of Discrete & Digital Systems(EE5102)/ Advanced Power Electronics(EE5107)	Combustion Science & Technology(ME 5104) Mechanical Vibration(ME5110) Non-traditional Machining(ME5118) Fuel Cell Technology (ME 5108)
18/09/2019	Information & Coding Theory(IT5104/5)	Power Transmission & Power Quality(EE5106) Modeling & Control of Physical Systems(EE5101)	Internal Combustion Engine(ME 5103) Engineering Tribology(ME5111) Advanced Material Processing Technology(ME5119)
19/09/2019		Illumination Science, Engineering & Design(EE5161)	Renewable Energy(ME 5106)
20/09/2019	Advanced Communication Systems(IT5103)	Advanced Process Control & Instrumentations(EE5103)/ Generalized Theory of Electrical Machines(EE5108)	Viscous Flow Theory (ME 5102) Design of Production Systems(ME5121) Applied Elasticity & plasticity (ME5112)
21/09/2019		Power System Operation & Control(EE5105)	Advanced Solid Mechanics(ME5109) Industrial Engineering (ME 5120)

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DATE	COMPUTER SCIENCE & ENGINEERING	ELECTRONICS & TELECOMMUNICATION ENGINEERING	METALLURGY & MATERIALS ENGINEERING
16/09/2019	Principles of Programming Languages (CS 5102)	Advanced Digital Communication(ET5101) /Computational Electromagnetic(ET5104) /Advanced Semiconductor Devices(ET5107)	Materials Technology(MM0901)
17/09/2019	Logics for Computer Science (CS 5105)	Advanced Digital Signal Processing(ET5102)/ Microwave Devices & Circuits(ET5105)/Analog VLSI Design(ET5108)	Advanced Characterization of Materials(MM0902)
18/09/2019	Information and Coding Theory (CS 5122)	Optimal Communication & Networking(ET5121)/ Electromagnetic Interference & Compatibility(ET5122)	Advanced Iron & Steel Making(MM0906)
19/09/2019	Soft Computing (CS 5161)	Electronic Communication System(ET5161)	Mechanical Behavior of Engineering Materials(MM0908)/ Multiscale Modeling(MM0909) [1 PM – 3PM]
20/09/2019	Advanced Computer Architecture (CS 5109)	Probability & Random Processes for Signal Processing(ET5103)/ Advanced Antenna Engineering(ET5106)/Advanced Instrumentation(ET5109)	Advanced Thermodynamics & Kinetics(MM0903)

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DATE	MINING ENGINEERING	ENGINEERING MECHANICS	GEOINFORMATICS
16/09/2019	Economics of the Mineral Industry (MN5101)	Theory of Elasticity(AM5101)/ Viscous Fluid Flow (AM5115)	Fundamentals of Geographical Information System(MG5101)
17/09/2019	Subsurface Rock Engineering & Tunneling (MN5102)	Theory of Vibration(AM5102)/ Convective Heat Transfer AM5116	Fundamentals of Remote Sensing(MG5102)
18/09/2019	Mine System Analysis & Design(MN5103)	Finite Element Method in Solid Mechanics(AM5103)/ Methods in Computational Fluid Dynamics AM5117 Theory of Hydraulic Model(AM5144)	Fundamentals of Cartography, Geodesy & GNSS(MG5103)
19/09/2019	Ergonomics(MN5106)	Mechatronics (AM5131) Human Body Mechanics(AM5133)	
20/09/2019	Rock Slope Engineering(MN5104)/Safety Engineering & Management(MN5105)	Mechanics of Composite Materials(AM5134) Turbomachineries (AM5142)	Basic Geographic Concepts(MG5104)

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DATE	RENEWABLE ENERGY SCIENCE AND TECHNOLOGY	SAFETY & OCCUPATIONAL HEALTH	BIOMEDICAL ENGINEERING
16/09/2019	Renewable Energy Sources & Materials(RE5101)	Statistics & Accident Analysis(HC1111)	Biomedical Imaging & Optics(HC1105)
17/09/2019	Solar Cells & Photovoltaic Technologies(RE5102)	Safety Procedures & Management(HC1112)	Fundamentals of Biomaterials(HC 1106)
18/09/2019	Solar Photovoltaic Power Plants: Design & Performance(RE5121)	Hazard Identification & Risk Analysis(HC111)	Cellular & System Physiology(HC1107)
19/09/2019	Fundamentals of Renewable Energy & Its Impact on Environment(RE5161)	Safety in Operations Mechanical & Materials Handling(HC1103)	Materials & Mechanics in Medicine(HC1101)
20/09/2019	Energy from Wind & Biomass(RE5103)	Safety in Operations-I(HC1114)	Biomedical Sensors & Instrumentation(HC1108)

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DATE	PLANNING	CIVIL ENGINEERING	HSS
16/09/2019	Planning Theory(AP6101)	Biological Processes in Wastewater Treatment(CE5111)/ Advanced Solid Mechanics(CE5101)/ Advanced Soil Mechanics(CE5104)/ Advanced Hydrology & Stochastic Analysis(CE5113)/ Traffic System Analysis(CE5108)	
17/09/2019	Transportation Planning(AP6102)	Physico-Chemical Processes in Water & Wastewater Treatment(CE5112)/ Computational Methods in Structural Analysis(CE5102) / Foundation Engineering(CE5105)/ Water Resources Management With Remote Sensing, GIS & Spatial Statistics(CE5115) / Pavement Engineering I (CE5107)/	
18/09/2019	Disaster Mitigation Planning(AP6122)	Pre-stressed Concrete Structures(CE5122)/ Structural Optimization(CE5121)/ Rural Water Supply & Sanitation(CE5145) / Dynamics of Soils and Machine Foundations(CE5106)/ Geometric Design & Road Safety(CE5137)/ Advanced Hydraulic Structures(CE5154)	
19/09/2019	Infrastructure, Network & Services(AP6103) Climate Change & Human Settlements(AP6123)	Climate Change Impact Analysis(CE5161)	Technical & Research Writing for Engineers(HS5162)
20/09/2019	Statistical Methods & Planning Techniques(AP6104)	Design of Special Reinforced Concrete Structures(CE5103)/Chemistry for Environmental Engineering(CE5110)/ Ground Improvement Techniques & Applications(CE5129)/ Urban Transportation Planning(CE5109)/ Applied Hydrodynamics & Numerical Modeling(CE5114)	
21/09/2019		Soil Exploration and Geo-instrumentation (CE5132)	

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