

FACULTY OF ENGINEERING AND TECHNOLOGY

Term End Exam Time Table for SY MTech Regular (Tri IV), Backlog (Tri IV, V, VI) and FY MTech only Backlog (Tri-I, II, III) Oct-Nov 2021 (AY 2021-22)

Exam Duration : MCQ type - 1 hr : Subjective type - 1.5 hrs

Time	Branch / Specialization	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11
	Date	19/10/2021	20/10/2021	21/10/2021	22/10/2021	23/10/2021	24/10/2021	25/10/2021	26/10/2021	27/10/2021	28/10/2021	29/10/2021
	Days	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	Trimester	T2				T3				T1		
10:30 am to 12:00 noon	Structure	CES521 Structural Dynamics	CES522 Theory of Plates and Shells	CES523B / CES523C Soil Structure Interaction and Advanced Design of Foundation / Bio Mechanics and Bio Materials	10:00 am to 11:00 am WPC501A Philosophy of Science, Religion / Spirituality 12:00 noon to 01:00 pm WPC302A Study of Languages, Peace in Communication and Human Dynamics / Effective Communication and Human Dynamics. 02:00 pm to 03:00 pm WPC101A World Famous Philosophers, Sages/Saints and Great Kings	CES531 Advanced Design of Concrete Structures	No Paper	CES532B Earthquake Resistant Design of Structures	CES533A / CES533B Subsea Engineering / Plastic Analysis and Design of Steel Structure	CES511 Research Methodology	CES512 Advanced Mechanics of Solids	CES513 Advanced Design of Steel Structures
	Design	MED521 Advanced Mechanical Vibrations	MED522 Analysis and Synthesis of Mechanisms	MED523A Project Management & Operations Research		MED531 Industrial Tribology		MED532C Design of Material Handling Equipment	MED533B / MED533C Vehicle Dynamics / Product Design and PLM	MED511 Research Methodology	MED512 Advanced Mathematical Methods	MED513 Advanced Stress Analysis
	CNS	ECC521 Wireless and Cellular Communication	ECC522 Routing Algorithms and Protocols	ECC523 Adhoc & Sensor Networks		ECC531 Network and Service Management		ECC532 Advanced 4G and 5G Wireless Technology	ECC533 Photonic Network	ECC511 Research Methodology	ECC512 Advanced Communication Networks	ECC513 Statistical Signal Analysis
	Construction Mgt	CEM521 Project Scheduling and Materials Management	CEM522 Project Finance and Accounting Systems	CEM523A/ CEM523C Sustainable Construction Processes / Advanced Construction Management Techniques		CEM531 Statistical Methods in Project Management		CEM532C / CEM532D Thrust area in Project Management / OSHAS & Safety Management	CEM533D Management of Infrastructure Projects	CEM511 Research Methodology	CEM512 Life Cycle Analysis of Construction Projects	CEM513 Advanced Construction Processes, Equipment, Technologies
	CAD / CAM	MEC521 Computer Integrated Manufacturing	MECN522 Computer Aided Analysis	MEC523C/ MEC523D Micro & Nano Manufacturing Processes / Integrated Product Design and Development		MEC531 Automated Manufacturing System Modelling		MEC532C Elective-II: Additive Manufacturing	MEC533A Advanced Sheet Metal Forming	MEC511 Research Methodology	MEC512 Advanced Mathematical Methods	MEC513 Computer Aided Design
	VLSI&Emb	ECV521 Advanced VLSI Design	ECV522 Embedded Signal Processing	ECV523A ANN and Fuzzy System		ECV531 System on Chip		ECV532A / ECV532B (A) Mixed Signal CMOS Design (B) Wireless sensor Network	ECV533A Image Processing & Computer Vision	ECV511 Research Methodology	ECV512 Analog & Digital VLSI Design	ECV513 Embedded System Design
	Tunnel	CET521 Rock Mass Characterization	CET523A Project Finance and Accounting Systems	CET522 Planning and Geometric Design for Tunnels and Underground Space		CET531 Analysis and Design of Tunnel supporting systems		CET532 Advanced Excavation Techniques for Tunnels and Underground Space	CET533A Numerical modeling in ground control	CET511 Advanced Engineering Geology	CET512 Tunnels and Underground Space Applications	CET513 Tunnel Engineering
	DSA	CSD521 Probability and Statistics	CSD522 Foundations of Data Mining	CSD523A Data Storage & Management		CSD531 Machine Learning		CSD532B Data Analytics with Python	CSD533A Cognitive Computing	CSD511 Research Methodology	CSD512 Algorithms	CSD513 Data Pre-processing & Data Warehousing
	NMCS	CSN521 Probability and Statistics	CSN522 Advanced Computer Networks	CSN523A Applied Machine Learning		CSN531 Network Management & Performance Evaluation		CSN532A Network Attacks and Defense Mechanism	CSN533A Network Programming	CSN511 Research Methodology	CSN512 Algorithms	CSN513 Applied Cryptography
	Thermal	MET521/ MEH521 Advanced Thermodynamics	MET522 / MEH522 Advanced Heat Transfer	MET523A / MET523B - MEH523B / MEH 523D Project management & Operations Research / Human Rights & safety)		MEH531 / MET531 Computational Fluid Dynamics		MEH532 / MET532 (MEH 532B / MET532B) Refrigeration system Design, (MEH532C/MET532C) Energy Audit & Management	MEH 533C - MET533C / MEH533B - MET533B Solar & wind energy / Air Conditioning System Design)	MET511 Research Methodology	MET512 Advanced Mathematical Methods / Numerical and Computational Methods	MET513 Advanced Fluid Dynamics
Polymer	PO521 Polymer Testing and Product Design	PO522 Polymer Rheology	PO523B / PO523D Polymer Composites & Blends / Tool Design	PO531 Polymer Processing Operations	PO532A / PO532B Specialty Polymer Materials / Paints & Coating Technology	PO533B / PO533C / PO533D Adhesives & Sealants / Packaging Technology / Modeling and Simulation in Polymer Processing	PO511 Research Methodology	PO512 Polymer structure and Properties	PO513 Polymer Science and Technology			
Petroleum	PE521 Advanced Reservoir Engineering	PE522 Petroleum Production Engineering	PE523A/ PE523B/ PE523C/ PE523D/ PE523E Unconventional Oil and Gas Resources / instrumentation and Control in Petroleum Engineering / Piping Engineering / HSE on Oil and Gas / Subsea Engineering	PE531 Applied Drilling Engineering Concepts	PE532D Refining Technology	PE533C Well Completion and Workover	PE511 Research Methodology	PE512 Geology in Reservoir Description	PE513 Advanced Drilling Engineering			



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	Days	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	
		T5					T6				T4		
02:30 pm to 04:00 pm	Structure	CES621B / CES621C Probability Methods in Civil Engineering / Design of Masonry Structures	CES621 Civil Infrastructure For Smart City Development	-	-	Elective VI- CES631/ CES631B Infrastructure Planning and Management / Repair Maintenance & of Concrete Structures	-	-	CES611 Design of Reinforced and Prestressed Bridges	CES612 Finite Element Methods	CES613B / CES613C / CES613D Pre-engineered Buildings / Safety Practices in Construction and Safety Audit / Structural Audit and Retrofitting		
	Design	MED621A/MED621B / MED621C/MED621D Fatigue & Fracture Mechanics 2019-20 Pat. / Theory of Shells & Plates-2019-20 Pat. / Advanced Mechanics of Solids 2019-20 Pat. / Design of Mechatronics System - 2019-20 Pat ----- MED621A/MED621B / MED621C/MED621D Elective -V System Modeling & Simulation- 2018-19 Pat. / Smart Materials -2018-19 Pat./ Design of Machine Tools - 2018-19 Pat. / Artificial Intelligence - 2018-19 Pat.	-	-	-	MED631A / MED631B / MED631C/ MED631D ELECTIVE VI Fatigue & Fracture Mechanic- 2018-19 Pat /Theory of Shells & Plates- 2018-19 Pat.) / Advanced Mechanics of Solids - 2018-19 Pat. / Design of Mechatronics System 2018-19 Pat ----- MED631A / MED631B Artificial Intelligence 2019-20 Pat. / Smart Materials 2019-20 Pat. /	-	-	MED611 Optimization Techniques	MED612 Design of Experiments (2018-19 Pat.) / Finite Element Method (2019-20 Pat.)	Elective-IV MED613A / MED613B / MED613A Mechanical Measurements and Controls- 2018-19 Pat./ MEMS and Robotics- 2018-19 Pat. / Robotics -2019-20 Pat. ----- MED613A Robotics / MED613B NVH and Condition Monitoring / MED613C Design for X / MED523D Mechanical Measurements and Controls		
	CNS	ECC621 Storage Area Networks	-	-	-	Elective - VI : ECC631 - Cloud Computing	-	-	ECC611 Internet of Things	ECC612 Artificial Intelligence Techniques & Applications	ECC613A Software Defined Networks		
	Construction Mgt	CEM621A International Contracts and Arbitration	CEM621B Construction Delays: Prevention Remedies	-	-	CEM631/ CEM631A/ CEM631B Principles of Human Resource Management / Entrepreneurship / Building Cost Estimation Simplified	-	-	CEM534 Contract Law, Administration and Management	CEM615 IQ, EQ, SQ Applications in Project Management	CEM611 Operation Research	CEM612D Project Risk Management	CEM614 Total Quality Management in Construction
	CAD / CAM	MEC621A Design of Machine Tools	-	-	-	MEC631C / MEC631D Artificial Intelligence / Robotics & Manufacturing Automation	-	-	-	MEC611 Discrete Event System Simulation	MEC612 Computational Fluid Dynamic	MEC613A / MEC613B / MEC613D Biomechanics and Meehan Biology / Optimization Techniques / Supply Chain Management	
	VLSI&Emb	ECV621A Embedded Software & Hardware Architecture	-	-	-	ECV631A / ECV631B (A) Advanced VLSI Physical design / (B) Programming, Data Structure and Algorithm using Python	-	-	-	ECV611 Testing & Testability	ECV612 Artificial Intelligence Techniques & Applications	ECV613B Automotive Embedded System	
	Tunnel	CET621 Construction of Tunnel (TBM and NATM)	CET622C / CET622D Instrumentation For Monitoring In Tunneling / BIM for Tunnels and Underground Infrastructures	-	-	CET631B / CET631 Advanced Investigation Tools for Tunnel Projects / Micro-tunneling	-	-	-	CET611 Tunnel Safety and hazard analysis	CET612D Tunnel Design Philosophies of SCL and SEM	-	
								No Paper					



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Time	DSA	CSD621A Big Data Analytics	CSD621B Natural Language Processing & Information	-	-	CSD631A / CSD631B Ubiquitous Computing / Deep Learning	-	-	-	CSD611 Business Intelligence	CSD612 Web Mining	CSD613A Data Security and Data Privacy	
	NMCS	CSN621A Information Security and Audit Management	CSN621B Cloud Computing and Security	-	-	CSN631A / CSN631B Advances in Cyber Security / Advances in Network Management	-	-	-	CSN611 Digital Forensics Analysis	CSN612 Mobile and Wireless Security	CSN613A Data Security and Data Privacy	
	Thermal	MET621B / MEH621C Thermal System Design / Thermal Energy Storage	-	-	-	MET631B / MEH631B Steam Engineering	-	-	-	MEH 611 / MET611 Heat Transfer Equipment Design	MEH612 / MET612 Compressible Flows	(MET613A) Advances in Engine Technology MEH613D / MET613D Mechanical Measurements & controls	
	Polymer	PO621A / PO621B / PO621C / PO621D Material Characterization / Principles of Polymer Synthesis / Introduction to Material Science & Engineering / Rheology of Complex Materials	-	-	-	PO631 / PO631A / PO631B / PO631C Polymer Waste Management / MATLAB Programming for Numerical Computation / Science And Technology of Polymers / Introduction to Polymer Science	-	-	-	PO611 Polymer Physics and Characterization	PO612B / PO612C Membrane Technology / Nano Material and Nano Composites	-	
	Petroleum	PE621A Reservoir Geomechanics	PE621C Production Enhancement and Optimization	-	-	PE631A / PE631B Data Analytics in E & P Industry / Applications of Nanotechnology in E&P Industry	-	-	-	PE611 Advanced Production Engineering	PE612B Petroleum Resource Evaluation / PE612D Automation in Oil and Gas	-	