



**MANIPAL UNIVERSITY JAIPUR**  
**FACULTY OF ENGINEERING**  
**TIME TABLE**  
**END TERM EXAMINATION (HIGHER SEMESTER), Nov-Dec 2023**

Slot-1 (9:30 am - 12:30 pm)

**B.TECH III Semester**

DATE	AUTOMOBILE	MECHANICAL	MECHATRONICS	CIVIL	CHEMICAL	CSE	AIML	IT	Data Science	CCE	IoT	ECE	EEE	ELC
27-11-2023 (Monday)	** MA 2109 Engineering Mathematics - III	** MA 2109 Engineering Mathematics - III	**Engineering Mathematics (MA2109)	** MA 2109 Engineering Mathematics - III	**Engineering Mathematics III (MA2109)	**Engineering Mathematics (MA2101)	**Engineering Mathematics (MA2101)	**Engineering Mathematics-III (MA2101)	Mathematical Foundations for Data Science-I (MA2108)	**Engineering Mathematics (MA2101)	**Engineering Mathematics (MA2101)	** MA 2109 Engineering Mathematics - III	** MA 2109 Engineering Mathematics - III	** MA 2109 Engineering Mathematics - III
28-11-2023 (Tuesday)	Material Science and Metallurgy (AU2101)	Materials Science and Engineering(ME2101)	Sensor and Instrumentation(MC2104)	CV2103 Surveying	Chemical Process Calculations (CE2101)	Computer System Architecture(CS2102)	AI2102 Computer Organization and Architecture	Computer-System Architecture (IT2101)	Finance & Econometrics (BB1640)	Digital Design and Computer Architecture(CC2101)	Digital Design and Computer Architecture (IS2101)	EC2101 Signals & Systems	EE2101 Analog & Digital System Design	EL2103 Analog & Digital Systems
29-11-2023 (Wednesday)	**Value Ethics and Governance (BB0025)/Economics (EO2001/ME2001)	**Value Ethics and Governance (BB0025)/Economics (EO2001/ME2001)	**Value Ethics and Governance (BB0025)/Economics (EO2001/ME2001)	**Value Ethics and Governance (BB0025)/Economics (EO2001/ME2001)	**Value Ethics and Governance (BB0025)/Economics (EO2001/ME2001)	Engg. Economics(ME2001)	Engg. Economics (ME2001)	**Value Ethics and Governance(BB0025) / Engg. Economics(ME2001)	Computer System Architecture(DS2104)	**Value Ethics and Governance(BB0025) / Engg. Economics(ME2001)	**Value Ethics and Governance (BB0025)/Economics (EO2001/ME2001)	**Value Ethics and Governance (BB0025)/Economics (EO2001/ME2001)	**Value Ethics and Governance (BB0025)/Economics (EO2001/ME2001)	**Value Ethics and Governance (BB0025)/Economics (EO2001/ME2001)
30-11-2023 (Thursday)	Theory of Automotive Engines (AU2103)	Kinematics of Machines(ME2102)	Theory of Machines(MC2103)	CV2102 Building Materials and Construction Technology	Momentum Transfer Operations (CE2102)	Data Communications (CS2101)	AI2101 Relational Database Management Systems	Data Structures and Algorithms (IT2102)	Introduction to Data Analytics(DS2101)	Data Communications(CC2102)	Data Communications(IS2102)	EC2102 Analog Electronics	EE2103 Electrical Circuit Analysis	EL2102 Object Oriented Programming
04-12-2023 (Monday)	Strength of Materials (AU2102)	Strength of Materials(ME2104)	Strength of Materials(MC2101)	CV2101 Fluid Mechanics	Chemical Engineering Thermodynamics (CE2103)	Data Structures & Algorithms(CS2103)	AI2103 Data Structures and Algorithms	Object-Oriented Programming (IT2103)	Object Oriented Programing(DS2102)	Object Oriented Programming (CC2104)	Object Oriented Programming (IS2104)	EC2103 Digital System Design & Computer Architecture	EE2104 Electrical Machines-I	EL2104 Sensor & Sensor Circuits
05-12-2023 (Tuesday)	Engineering Thermodynamics (AU2104)	Thermodynamics (ME2103)	Linear Integrated Circuits(MC2102)	CV2104 Structural Analysis	Transport Phenomena (CE2104)	Object Oriented Programming (CS2104)	AI2104 Object Oriented Programming	Data Communications (IT2104)	Data Structures(DS2103)	Data Structures and Algorithms(CC2103)	Data Structures & Algorithms (IS2103)	EC2104 Electromagnetic Field Theory	EE2102 Electromagnetic Field Theory	EL2101 Computer Organization & Architecture
06-12-2023 (Wednesday)											Python Programming (IS2105)			

Note: \*\*This color is for 'Open Elective Courses' and 'Common Courses'

Slot-2 (1:30 pm - 4:30 pm)

**B.TECH V Semester**

DATE	AUTOMOBILE	MECHANICAL	MECHATRONICS	CIVIL	CHEMICAL	CSE	AIML	IT	Data Science	CCE	IoT	ECE	EEE	ELC
27-11-2023 (Monday)	Manufacturing Technology (AU3102)	Production Technology-I (ME3101)	Signal and Systems(MC3101)	CV3101 Geotechnical Engineering	Mass Transfer II (CE3101)	Artificial Intelligence & Soft Computing (CS3101)	AI3101 Soft Computing Methods	Foundations of Data Science (IT3101)	Mathematical Foundations For Data Science-III(MA3107)	Software Engineering (CC3101)	Design & Analysis of Algorithms(IS3101)	EC3101 Antennas	EE3104 Power System Analysis	EL3102 Microcontroller based System Design
28-11-2023 (Tuesday)	**BB0026 (Organization and Management)	**BB0026 (Organization and Management)	**BB0026 (Organization and Management)	**BB0026 (Organization and Management)	**BB0026 (Organization and Management)	PE-1 (IT3141/IT3140/CS3140/CS3141/CS3142/CC3140/CC3141)	AI3105 Game Theory	PE-1 Soft Computing (IT3140) / Digital Image Processing (IT3141)	Cloud Computing(DS3104)	PE-1 (CC3140, CC3141)	IoT Architecture and Its Protocols (IS3104)	**BB0026 (Organization and Management)	**BB0026 (Organization and Management)	**BB0026 (Organization and Management)
29-11-2023 (Wednesday)	Open Elective													
30-11-2023 (Thursday)														
04-12-2023 (Monday)		Mechanism and Robot Kinematics (ME3105)									Software Engineering (IS3105)		EE3103 Measurements & Instrumentation [ Slot-1 (9:30 am - 12:30 pm) ]	
05-12-2023 (Tuesday)	Automotive Design (AU3103)	Design of Machine Elements (ME3102)	Pneumatic and Hydraulic Systems(MC3103)	CV3103 Design of Reinforced Concrete Structures	Process Modeling and Simulation (CE3103)	Automata Theory & Compiler Design (CS3103)	AI3104 Foundation of Data Science	Design and Analysis of Algorithms (IT3103)	Operating Systems(DS3102)	Foundations of Data Science (CC3103)	Sensors and Microcontrollers (IS3103)	EC3103 Analog & Digital Communication	EE3101 Communication Systems	EL3103 Control System
06-12-2023 (Wednesday)														
07-12-2023 (Thursday)														
07-12-2023 (Thursday)	Automotive Electrical and Electronic Systems (AU3104)	Internal Combustion Engine (ME3104)	Linear Control Theory(MC3104)	CV3104 Waste Water Management	Process Safety Analysis (CE3104)	Computer Networks (CS3104)	AI3103 Computer Networks	Software Engineering (IT3102)	Natural Language Processing(DS3103)	Cryptography and Security (CC3104)	PE-1	EC3104 CMOS VLSI Design		EL3143 Modern Optimization Techniques
08-12-2023 (Friday)	Automotive Transmission Systems (AU3101)	Heat & Mass Transfer (ME3103)	Microcontroller Based System Design(MC3102)	CV3102 Highway Engineering	Chemical Reaction Engineering II (CE3102)	Design & Analysis of Algorithms (CS3102)	AI3102 Design and Analysis of Algorithms	Computer Networks (IT3104)	Deep Learning(DS3101)	Design and Analysis of Algorithms (CC3102)	AI and Machine Learning (IS3102)	EC3102 Network & Control Theory	EE3102 Digital Signal Processing	EL3101 Data Structures & Algorithms

Note: \*\*This color is for 'Open Elective Courses' and 'Common Courses'

**B.TECH VII Semester**

DATE	AUTOMOBILE	MECHANICAL	MECHATRONICS	CIVIL	Chemical	CSE	IT	Data Science	CCE	ECE	EEE
<b>Slot-2 (1:30 pm - 4:30 pm)</b>											
27-11-2023 (Monday)											
28-11-2023 (Tuesday)		Machine Vision and Image Processing (MC4158)		CV4140 Earthquake Resistant Design of Structures							
29-11-2023 (Wednesday)	Automotive Air Conditioning Systems (AU4141)	Plant Layout and Material Handling (ME4161)/Thermal Storage systems and its Applications (ME4164)/Introduction to Theory of Elasticity (ME4167)	Production Operations and Management (MC4145))	CV4152 Traffic Systems and Engineering	Petroleum Production Technologies (CE4140)	PE-3(IT4140/CS4140 /CS4142/CS4159/CC4140/CC4142)	PE-3 Big Data Analytics(IT4140)	PE1- Finance & Accounting	PE-3	EC4156 Machine Learning & AI (A)/EC4157 Neural Networks & Deep Learning	EE4142 Machine Learning
30-11-2023 (Thursday)		Nonconventional Manufacturing Process (ME4147)	Automated Manufacturing System(MC4164)					PE3- Digital Marketing (DS4157)/ Financial Market Analytics (DS4154)			
04-12-2023 (Monday)	Earth Moving Equipment (AU4144)	Energy Conversion and Waste Heat Recovery (ME0001)	Computer Networks and Communication Protocols (MC4161)	CV4141 Design of Prestressed Concrete Structures & CV4144 Repair and Rehabilitation of Structures	Petroleum Refinery Operations (CE4142)	PE-4(IT4141/CS4141/CS4143 /CS4160/CC4141/CC4143)	PE-4 Deep Learning(IT4141)	PE2-Risk Analytics (DS4153)/ Fundamentals of Business Analytics (DS4156)	PE-4	EC4140 Mobile Communication & Networks (A)/EC4143 VLSI CAD	EE4143 Data Analytics
05-12-2023 (Tuesday)		Industrial Automation(MC4163)									
06-12-2023 (Wednesday)	Vehicle Ergonomics and Safety Systems (AU4146)	Production Planning and Control (ME4163)/Turbomachinery (ME4166)/Mechanical Vibration (ME4169)	Production Technology (MC4150)	CV4149 Grount Improvement Techniques & CV4150 Rock Mechanics and Underground Excavation	Energy and process Integration (CE4145)	PE-5 (CS4146/CS4150/CS4156)	PE-5 Foundations of Blockchain(IT4158) / Network Security and Management (IT4155) / Information Retrieval(IT4154)	PE4-Business & Economic Analytics (DS4155) /Supply Chain Management (DS4158)	PE-5 (CC4157,CC4158,CC4159)	EC4141 Modern Antenna Technology (A)/EC4161 System Verilog for Design & Verificatio	EE4159 Design and Modelling of Special Electrical Machines/ EE4162 Solar Photovoltaic Systems
<b>Slot-1 (9:30 am - 12:30 pm)</b>											
07-12-2023 (Thursday)	Automotive Service Operation (AU4150)	Lean Manufacturing (ME4162)/Alternative Fuels In I.C. Engines (ME4165)/Introduction to Fracture Mechanics (ME4168)	Machine Learning(MC4162)	CV4148 Construction Project Management	Process economics and management (CE4147)	PE-6 (CS4144,CS4149,CS4152,CS4154,CS4157,CS4161)	PE-6 Advanced Data Structures(IT4144) / Software Reliability (IT4147) / Cloud Computing(IT4150)/ Mobile Computing (IT4152)	PE5-Social Network Analysis (DS4145)/ Information Retrieval(DS4147)	PE-6 (CC4149,CC4151,CC4155, CC4156)	EC4147 Photonics & Optoelectronics / EC4146 Information Theory & Coding / EC4142 Analog VLSI Design	EE4160 Electric vehicle Power Converters & Drives/ EE4163 Wind Energy Conversion Systems
08-12-2023 (Friday)	Energy Storage Systems for Electric Vehicles (AU4157)	Fundamentals of Additive Manufacturing Technologies (ME0002)	Micro Electro Mechanical Systems(MC4141)	CV4145 Advanced Concrete Technology	Advanced separation Technologies (CE4149)	PE-7 (CS4147,CS4148,CS4151,CS4158,CS4162)	PE-7 Software Testing Technique (IT4146) / Object-Oriented Design and Patterns (IT4148) / Natural Language Processing (IT4153) / Cognitive Intelligence(IT4157)	PE6- Block chain Technologies (DS4142)/Computer Vision (DS4150)	PE-7 (CC4161,CC4166,CC4167)	EC4152 Low Power VLSI Design /EC4144 Wireless & Adhoc Networks /EC4155 Fundamental of Robotics system / EC4154 MEMS device & Technology	EE4161 Charging Technologies for Electric Vehicle/EE4164 Distributed Generation Systems

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