University of Petroleum & Energy Studies, Dehradun
B. Tech (UG) Datesheet - School of Engineering
End Semester Examination - December 2022

Date: 10.11.2022

Date of Exam	Sem	21st Dec 22	23rd Dec 22	26th Dec 22	28th Dec 22	30th Dec 22
Day		Wednesday	Friday	Monday	Wednesday	Friday
Time		10AM - 1PM	10AM - 1PM	10AM - 1PM	10AM - 1PM	10AM - 1PM
B.Tech (Automotive Design Engineering)	I	ECEG1004	PHYS1002	MATH1049	CSEG1008	xx
		Basic Electrical and Electronics Engineering	Physics	Engineering Mathematics I	Object Oriented Programming	xx
B.Tech Aerospace Engineering	I	ECEG1004	PHYS1002	MATH1049	CSEG1008	xx
		Basic Electrical and Electronics Engineering	Physics	Engineering Mathematics I	Object Oriented Programming	xx
B.Tech Applied Petroleum Engineering (Upstream)	I	MEPD 1001	PHYS1002	MATH1049	CSEG1008	MECH 1001
		Workshop Technology	Physics	Engineering Mathematics I	Object Oriented Programming	Engineering Graphics
B.Tech Chemical Engineering (Refining and Petrochemicals)	I	MEPD 1001	PHYS1002	MATH1049	CSEG1008	MECH 1001
		Workshop Technology	Physics	Engineering Mathematics I	Object Oriented Programming	Engineering Graphics
B.Tech Civil Engineering (Infrastructure Development)	I	ECEG1004	PHYS1002	MATH1050	CSEG1008	xx
		Basic Electrical and Electronics Engineering	Physics	Engineering Mathematics I	Object Oriented Programming	xx
B.Tech (Electronics & Computer Engineering)	I	ECEG1004	PHYS1002	MATH1049	CSEG1008	xx
		Basic Electrical and Electronics Engineering	Physics	Engineering Mathematics I	Object Oriented Programming	xx
B.Tech (Electronics and Communication Engineering)	I	ECEG1004	PHYS1002	MATH1049	CSEG1008	xx
		Basic Electrical and Electronics Engineering	Physics	Engineering Mathematics I	Object Oriented Programming	xx
B.Tech (Fire and Safety Engineering)	I	MECH1008	CHEM1001	MATH1050	xx	MECH 1001
		Basic of Mechanical Engineering	Chemistry	Engineering Mathematics I	xx	Engineering Graphics
B.Tech (Mechanical Engineering)	I	ECEG1004	PHYS1002	MATH1049	CSEG1008	xx
		Basic Electrical and Electronics Engineering	Physics	Engineering Mathematics I	Object Oriented Programming	xx
B.Tech (Mechatronics Engineering)	I	ECEG1004	PHYS1002	MATH1049	CSEG1008	xx
		Basic Electrical and Electronics Engineering	Physics	Engineering Mathematics I	Object Oriented Programming	xx
B.Tech (Sustanibility Engineering)	I	ECEG1004	PHYS1002	MATH1050	CSEG1008	xx
		Basic Electrical and Electronics Engineering	Physics	Engineering Mathematics I	Object Oriented Programming	xx

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Date of Exam	Sem	13th Dec 22	15th Dec 22	20th Dec 22	22nd Dec 22	27th Dec 22	29th Dec 22	3rd Jan 2023
Day		Tuesday	Thursday	Tuesday	Thursday	Tuesday	Thursday	Tuesday
Time		10AM - 1PM	10AM - 1PM	10AM - 1PM	10AM - 1PM	10AM - 1PM	10AM - 1PM	10AM - 1PM
B.Tech (Automotive Design Engineering)	III	MEAD2004 — Components of Automotive Chassis	MEPD2006 — Thermodynamics and Heat engines	MECH2031 — Engineering Mechanics	MECH2023 — Fluid Mechanics	MECH2039 — Automotive Materials and Manufacturing processes	MEAD2005 — Automotive Mfg. Assembly Dwg.	XXX
B.Tech Aerospace Engineering	III	MATH2044 — Mathematics III (Numerical Methods)	MECH2022 — Thermodynamics and Heat Transfer	MECH2031 — Engineering Mechanics	MECH2002 — Applied Fluid Mechanics	ASEG2004 — Introduction to Aerospace Engineering	XXX	XXX
B.Tech Applied Petroleum Engineering (Gas Stream)	III	CHGS2001 — Introduction to Oil & Gas Operations	MECH2001 — Engineering Thermodynamics	CHCE2023 — Heat Transfer	CHCE2003 — Momentum Transfer	CHCE2025 — Material and Energy Balance Computations	XXX	XXX
B.Tech Applied Petroleum Engineering (Upstream)	III	PEAU2011 — Introduction to Petroleum Operations	MEPD2007 — Thermodynamics and Phase Behavior	PEGS2035 — Geol. & Geophy. methods of Exploration	PEGS2012 — Introduction to Geology	PEAU2006 — Mechanics of Drilling Engineering	XXX	XXX
B.Tech Chemical Engineering (Refining and Petrochemicals)	III	CHCE2018 — Process Chemistry	CHCE2012 — Thermodynamics I	MECH2032 — Engineering Mechanics	CHCE2003 — Momentum Transfer	CHCE2013 — Material and Energy Balance Computations	XXX	XXX
B.Tech Civil Engineering (Infrastructure Development)	III	MATH2045 — Mathematics III	CIVL2011 — Concrete Technology	MECH2032 — Engineering Mechanics	CIVL2014 — Engineering Geology	CIVL2019 — Materials Testing and Evaluation	CIVL2020 — Computer-Aided Civil Engineering Design	XXX
B.Tech (Electrical Engineering)	III	MATH2046 — Mathematics –III (Probabi. & Statistics)	ECEG2027 — Analog Electronics	MECH2032 — Engineering Mechanics	EPEG2010 — Electrical Machines-I	EPEG2009 — Electrical Circuit Analysis	XXX	XXX
B.Tech (Electronics and Communication Engineering)	III	ECEG2038 — Advanced Programming	ECEG2011 — Analog Electronics 1	ECEG2010 — Signal & Systems	ECEG2037 — Digital System design	ECEG2020 — Network Analysis	XXX	XXX
B.Tech (Fire and Safety Engineering)	III	HSFS2015 — Fire Engineering I (Basics)	HSFS2001 — Chemical Engineering 1 (Thermodynamics & Measuring Analytical Instruments)	MECH2032 — Engineering Mechanics	MECH2023 — Fluid mechanics	XXX	XXX	XXX
B.Tech (Mechanical Engineering)	III	MATH2045 — Mathematics III	MECH2043 — Thermodynamics	MECH2031 — Engineering Mechanics	MEMA2003 — Material Engineering	MECH2040 — Applied Machine Learning	XXX	XXX
B.Tech (Mechatronics Engineering)	III	EPEG2013 — Electrical Machines	MECH2014 — Engineering Thermodynamics	ECEG2010 — Signals & Systems	MEMA2005 — Materials Science	MECH2040 — Applied Machine Learning	XXX	XXX
B.Tech (Advance Materials & Nano Technology)	III	MECH2048 — Applied Programming & Algorithm Design	MECH2047 — Thermodynamics and Kinetics of Materials	MECH2031 — Engineering Mechanics	MECH2023 — Fluid Mechanics	MECH2040 — Applied Machine Learning	XXX	XXX
B.Tech (Renewable & Sustainable Energy Engineering)	III	ECEG2038 — Advanced Programming	EPEG2015 — Hydro & Small Power Generation	EPEG2016 — Energy Scenario & Security	EPEG2017 — Performance Analysis of Thermal equipment	EPEG2018 — Electrical Power System I	EPEG2019 — Solar PV Technologies	EPEG2020 — Measurement & Instrumentation

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Date of Exam	Sem	12th Dec 22	14th Dec 22	16th Dec 22	19th Dec 22	21st Dec 22	23rd Dec 22
Day		Monday	Wednesday	Friday	Monday	Wednesday	Friday
Time		2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM
B.Tech (Automotive Design Engineering)	V	MEAD3001 Vehicle Dynamics	MEAD3013 EV and Battery management System	ECEG3043 Microprocessor based control system	MECH3027 Automotive Thermal Management	XXX XXX	XXX XXX
B.Tech Aerospace Engineering	V	ASEG3018 Aircraft Structure I	ASEG3019 Flight Mechanics I	ASEG3011 Aerodynamics II	Program Elective 1 MECH3024P-Design of Machine Elements/ ASEG3025P- Aircraft Manufacturing Technology	ASEG3024 Aircraft System and Instrument	XXX XXX
B.Tech Aerospace Engineering (Avionics)	V	ASEG3018 Aircraft Structure I	ASEG3019 Flight Mechanics I	Program Elective 1 ASEG3011P-Aerodynamics II	AVEG3001 Introduction to Avionics	Program Elective 1 ASEG3009P-Aircraft Systems and Instruments	ECEG3046 Digital Signal Processing
B.Tech Applied Petroleum Engineering (Gas Stream)	V	PEAU3001 Production Engineering I	PEAU3005 Reservoir Engineering II	CHGS3024 Introduction to City Gas Distrubution (CGD)	Program Elective 1 CHGS 3015PPetroleum Engineering Economics / CHGS 3008PGasification & Gas to Liquid Technology /CHGS 3007PPipeline Transportation of Oil & Gas	XXX XXX	XXX XXX
B.Tech Applied Petroleum Engineering (Upstream)	V	PEAU3037 Production Engineering and well completion	PEAU3002 Reservoir Engineering I	PEAU3022 Reservoir surveillance and management	Program Elective 1 CHGS3021P-Drilling Process System Design & Optimization/ PEGS3015P-Unconventional Hydrocarbon Exploitation/CHCE3008P-Petroleum Production System Design	XXX XXX	XXX XXX

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B.Tech Chemical Engineering (Refining and Petrochemicals)	V	CHCE3004	CHCE3029	CHCE3030	Program Elective 1	XXX	XXX
		Chemical Reaction Engineering I	Mass Transfer II	Particle and Fluid Particle Processing	CHCE 3020PProcess Optimization /CHGS 3013PPetroleum Refining & Petrochemical Technology /CHCE 3015PChemical Process and Plant Safety	XXX	XXX
B.Tech Civil Engineering (Infrastructure Development)	V	CIVL3020	CIVL3059	CIVL3060	Prog Elective	XXX	XXX
		Geotechnical Engineering	Structural Engineering	Hydraulic Engineering	CIVL 3063P-Advanced Environmental Engineering	XXX	XXX
B.Tech (Electronics and Communication Engineering)	V	ECEG3046	ECEG3047	ECEG3072P	ECEG3041	ECEG3006	XXX
		Digital Signal Processing	Data Communication	Programming Techniques	Antenna & wave propagation	Microcontroller & embedded system	XXX
B.Tech (Fire and Safety Engineering)	V	HSFS3032P	HSFS3026	HSFS3027	HSFS3002	XXX	XXX
		HSFS3032P-Safety in Petroleum Exploration	Chemical Engineering II (Unit Operations)	Fire Engineering III (Structural Fire Protection Design)	Principles of Engineering Design	XXX	XXX
B.Tech (Mechanical Engineering)	V	MECH3030	MEPD3004	MEPD3011	MECH3031	XXX	XXX
		Heat Transfer	Industrial Engineering	Manufacturing Processes	Theory of Machines	XXX	XXX
B.Tech (Mechatronics Engineering)	V	MECH3035P	MECH3024	ECEG3039	MECH3028	XXX	XXX
		MEECEG3054P-Analog and Digital Communication/MECH3036P-Design and Analysis of Algorithms (DAA)	Design of Machine Elements	Embedded Systems	Fluid Mechanics & Fluid Machines	XXX	XXX

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Time		2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM
B.Tech (Automotive Design Engineering)	VII	MEPD4011 — Automation in Manufacturing	MEAD4010 — Electric Vehicle Technology	Program Elective 3 — ECEG4014P-Control Engineering	XXX	XXX	XXX
B.Tech Aerospace Engineering	VII	ASEG4012 — Space Dynamics and Orbital Mechanics	ASEG4013 — Vibration and Aero-elasticity	ASEG4014 — Gas Dynamics and Jet Propulsion	Program Elective 3 — ASEG3005P-Aircraft Materials/ ASEG4015P- Introduction to Automatic Flight Control	XXX	XXX
B.Tech Aerospace Engineering (Avionics)	VII	ASEG4012 — Space Dynamics and Orbital Mechanics	AVEG4005 — Aerospace Navigation System	ASEG4014 — Gas Dynamics and Jet Propulsion	AVEG4006 — Digital Avionics	Program Elective 3 — ASEG4008P-Space Science and Space Environment/AVEG4008P-Spacecraft Avionics	XXX
B.Tech Applied Petroleum Engineering (Gas Stream)	VII	CHGS3015 — Petroleum Engineering Economics	CHGS4005 — LNG & Storage of Natural Gas	Program Elective 3 & 4 — PEAU4013P-Production Engineering II/PEAU 4014P-Reservoir Engineering II	Program Elective 3 & 4 — CHGS3007P-Pipeline Transportation of Oil & Gas/PEAU4010P-Enhanced Oil Recovery/CHCE 3025P-Corrosion Engineering/CHGS 3013P-Petroleum Refining & Petrochemical Technology/CHCE4009P-Process Dynamics and Control	XXX	XXX
B.Tech Applied Petroleum Engineering (Upstream)	VII	PEAU4002 — Reservoil Modelling & Simulation	PEAU4017 — Offshore Drilling & Prod. Operations	PEAU3003 — Geo Mechanics	Program Elective 4 — CHCE 4007P-Oil & Gas Marketing and Resource Management/PEAU 4021P-Computational Methods in Petroleum Eng	XXX	XXX
B.Tech Civil Engineering (Infrastructure Development)	VII	CIVL4026 — Civil Eng. – Societal & Global Impact	CIVL4062 — Disaster Preparedness and Planning	CIVL4027 — Metro System & Engineering	Program Elective 5 — CIVL4034P-Design of Steel Structures	Program Elective 6 — CIVL 4043P-Design of Hydraulic Str/Irrigation Eng.	XXX
B.Tech Chemical Engineering (Refining and Petrochemicals)	VII	Program Elective 3 & 4 — CHCE3011P-Polymer Science and Engineering	Program Elective 3 & 4 — CHCE3020P-Process Optimization	Program Elective 3 & 4 — CHCE 4013P-Process Modelling & Simulation	Program Elective 3 & 4 — CHGS3013P-Petroleum Refining & Petrochemical Technology	Program Elective 3 & 4 — CHGS 3007P-Pipeline Transportation of Oil & Gas	Program Elective 3 & 4 — CHCE3015P-Chemical Process and Plant Safety
B.Tech (Electrical Engineering)	VII	EPEG4012 — Industrial Electrical Utility System	FINC4001 — Project and Financial Management	Program Elective 4 — MECH4031P-Mechanical System of eV	XXX — EPEG4016P-Advanced Drives & Controllers for eV		XXX
B.Tech (Electronics and Communication Engineering)	VII	ECEG4032 — Cellular & Mobile Communication	ECEG4001 — VLSI design	ECEG3005 — Broadband Access Technology	Program Elective 3 — ECEG4026P-Bio Electronics	XXX	XXX
B.Tech (Fire and Safety Engineering)	VII	Program Elective 4 — HSFS4014P-Global Disaster Scenario	Program Elective 5 — HSFS4012P-Principles of Safety Management	HSFS4007 — Fundamental of Sustainable development	HSFS4005 — Fire Engineering IV (Risk Assessment & Planning)	XXX	XXX
B.Tech (Geoinformatics)	VII	PEGI4002 — Application of Geo Informatics	PEGI4003 — Spatial Data Analysis & Modelling	PEGS3003 — Rock Mechanics & Geo Technical Engineering	Program Elective 4 — CSOG4003P-Oil & Gas Informatics	Program Elective 5 — PEGI4007P-UAV Remote Sensing	XXX
B.Tech (Mechanical Engineering)	VII	MEPD4014 — Automation in Manufacturing	Program Elective 4 — MECH4020P-Product Design Development	Program Elective 3 — MECH4030P-Engineering Eco. & Financial Mngmt/MECH4006P-Modelling & Simulation	XXX	XXX	XXX
B.Tech (Mechatronics Engineering)	VII	MEPD4010 — Automation in Manufacturing	EPEG3002 — Power Electronics & Drives	Program Elective 3 — MECH4010P-Biomedical Mechatronics/MECH3014P-Design & Analysis of Algorithms/EPEG4011P-Electrical Machines	XXX	XXX	XXX

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