

SI No	Department	Course Code	Course Name		
1	Chemistry	CHE 101	Engineering Chemistry		
		CHE 151	Engineering Chemistry lab		
2	Physics	PHY 101	Engineering Physics		
		PHY 151	Engineering Physics Lab		
3	Maths	MATH A 105	Calculus		
		MATH A 103	Statistics and Probability		
		MATH A 102	Engineering Mathematics – II		
		MATH A 201	Numerical Methods		
		MATH A 203	Complex Variable and Transforms		
		MAT 101	Engineering Mathematics – I		
		MAT 102	Engineering Mathematics – II		
		MAT 103	Engineering Mathematics – III		
		MAT 104	Engineering Mathematics – IV		
		MAT 105	Calculus and Linear Algebra		
		MAT 106	Calculus, Differential Equations and Complex Variables		
		MAT 107	Integral Transforms, PDE and Probability		
		4	ENG	ENG 101	English
				ENG 102	Technical Report Writing
ENG 103	Technical Written Communication				
ENG 104	Technical Spoken Communication				
5	CIV	CIV 101	Elements of Civil Engineering		
		CIV 102	Environmental Science and Disaster Management		
		CIV 201	Strength of Materials		
		CIV 202	Surveying		
		CIV 203	Engineering Geology		
		CIV 204	Concrete Technology and Construction Materials		
		CIV 205	Structural Analysis-I		
		CIV 206	Transportation Engineering		
		CIV 207	Hydraulic Structures and Irrigation Engineering		
		CIV 208	Fluid Mechanics		
		CIV 211	Design of RC Structural Elements		
		CIV 214	Foundation Engineering		
		CIV 251	Strength of Materials lab		
		CIV 252	Surveying Practice		
		CIV 253	Engineering Geology Lab		
		CIV 254	Fluid Mechanics Lab		
		CIV 255	Extensive Survey Project		
		CIV 258	Computer Aided building Drawing Lab		
		CIV 259	Environmental Engineering Lab		
		CIV 260	Geotechnical Engineering Lab		
CIV 261	Computer Aided Structural Analysis Lab				
CIV 263	Basic Materials Testing Lab				

6	CSE and Allied Branches	CSE 205	Computer Organization and Architecture		
		CSE 254	Microprocessor and microcontroller Lab		
		CSE 259	Data Structures and Algorithms Lab (Allied)		
		CSE 207	Database Management Systems		
		CSE 206	Microprocessor and microcontroller		
		CSE 221	Data Structures and Algorithms (Allied)		
		CSE 223	COMPUTER ORGANIZATION (Allied Except CCE)		
		CSE 204	Object Oriented Programming Except ECM		
		CSE 208	Theory of Computation		
		CSE 251	Data Structures Lab		
		CSE 252	Digital Design Lab		
		CSE 203	Discrete Mathematics		
		CSE 151	Computer Programming		
		CSE 201	Data Structures		
		CSE 202	Digital Design		
		CSE 210	Operating Systems		
		CSE 211	Computer Networks		
		CSE 212	Analysis of Algorithms		
		CSE 214	Principles of Programming Languages		
		CSE 217	Compiler Design		
		CSE 218	Human Computer Interaction		
		CSE 227	Software Engineering and Project Management		
		CSE 255	Analysis of Algorithms Lab		
		CSE 256	Internet Technologies		
		CSE 257	Network Programming Lab		
		CSE 308	Artificial Intelligence		
		CSE 311	Web Services		
		CSE 317	Programming in Python		
		CSE 319	Machine Learning		
		CSE 253	DATABASE MANAGEMENT SYSTEM LAB		
		7	BCA	BCA-101	PROBLEM SOLVING USING C
				BCA-102	DIGITAL ELECTRONICS
				BCA-251	DIGITAL ELECTRONICS LAB
		8	ECE	ECE 101	Elements of Electronics Engineering
ECE 201	Analog Electronics				
ECE 202	Signals and Systems				
ECE 206	Linear Integrated Circuits				
ECE 207	Microprocessor Programming and Interfacing				
ECE 213	Digital Signal Processing				
ECE 220	Digital Electronics				
ECE 251	Analog Electronics Lab				
ECE 253	Signals and Systems Lab with MATLAB				
ECE 254	Linear Integrated Circuits Lab				
		ECE 256	Microprocessor Programming and Interfacing Lab		

		ECE 260	Digital Signal Processing Lab
		ECE 264	Digital Electronics Lab
		ECE 211	Transmission Lines and Waveguides
9	EEE	EEE 101	Elements of Electrical Engineering
		EEE 204	Electromagnetic Theory
		EEE 205	Control Systems
		EEE 208	Electrical Machines-I
		EEE 219	Network Theory
		EEE 220	Network Theory
		EEE 255	Electrical Machines LAB-I
		EEE 258	Electrical Machines LAB-II
10	PET	PET 210	Well Logging and Formation Evaluation
		PET 218	Petroleum Geology
		PET 219	Hydrocarbon Exploration
		PET 220	Hydrocarbon Thermodynamics
		PET 221	Drilling Fluids and Cements
		PET 222	Heat, Mass and Momentum Transfer
		PET 223	Fundamentals of Drilling Engineering
		PET 224	Fundamentals of Reservoir Engineering
		PET 253	Heat and Mass Transfer Lab
		PET 254	Drilling Fluids and Cements Lab
		PET 255	Reservoir Engineering Lab
		PET 256	Petroleum Testing Lab
		PET 260	Petroleum Geology Lab
		PET 308	Health, Safety and Environment
		PET 318	Unconventional Hydrocarbons
11	Mechanical	MEC 101	Elements of Mechanical Engineering
		MEC 151	Workshop Practice Lab
		MEC 152	Engineering Graphics
		MEC 201	Basic Thermodynamics
		MEC 202	Kinematics of Machines
		MEC 203	Fluid Mechanics and Machines
		MEC 204	Production Techniques
		MEC 205	Structure and Properties of Materials/MATERIAL SCIENCE AND METALLURGY
		MEC 206	Mechanics of Solids
		MEC 207/MEC221	Production Techniques - II / Advanced Production Techniques
		MEC 208	Applied Thermodynamics
		MEC 210	Design of Machines Elements
		MEC 211	Metrology and Mechanical Measurements
		MEC 214	Dynamics of Machines
		MEC 220	Finite Element Analysis
		MEC 251	Fluid Mechanics and Machines Lab
		MEC 252	Machine Shop Practice
		MEC 253	Computer Aided Machine drawing

		MEC 254	Metallography and Materials Testing Lab
		MEC 255	Metrology and Measurement Lab
		MEC 257	Foundry, Forging and Welding Lab
		MEC 258	Energy Conversion Engineering Lab
		MEC 304	Production Planning and Control
		MEC 310	Flexible Manufacturing Systems
		MEC 313	Robotics
		MEC 323	Non-Destructive Testing
12	MBA	MGT112	Engineering Economics
		MGT113	Digital Entrepreneurship
13	L&D	PPS 101	Effective Communication
		PPS 106	
		PPS 102	Effective Communication
		PPS 105	Building Self Confidence
		PPD 111	
		PPS 107	Being Corporate Ready
		PPS 108	