

DEPARTMENT-WISE LIST OF MINORS

Department-wise details of the Minors are given below:

Applied Geology				
Title of the Minor	MONSOON		WINTER	
Exploration Geology	GLE202	Resource Geology	GLC512	Petroleum Geology
	GLC527	Exploration Geology and Mineral Economics		
Applied Geophysics				
Title of the Minor	MONSOON		WINTER	
Exploration Geophysics	GPE202	Geophysical Prospecting	GPD510	Reservoir Geophysics and Deep-Water Imaging
	GPD502	Formation Evaluation		
Chemical Engineering				
Title of the Minor	MONSOON		WINTER	
Separation and Purification Technology	CHC201	Chemical Process Calculations	CHC206	Chemical Engineering Thermodynamics
	CHC301	Separation Process Calculations		
Chemistry & Chemical Biology				
Title of the Minor	MONSOON		WINTER	
Materials Science	CYO501	Instrumental Techniques for Material Characterization	CYD521	Nanomaterials for Advanced Applications
	CYO536	Science of Corrosion and Corrosion Control	CYD502	Polymer Chemistry
Civil Engineering				
Title of the Minor	MONSOON		WINTER	
Infrastructure Engineering	CEC203	Building Materials Construction and Management	CEC208	Geotechnical Engineering
			CEC209	Transportation Engineering
Computer Science & Engineering				
Title of the Minor	MONSOON		WINTER	
Data Science	CSC301	Database Management System	CSO503	Data Mining
	CSO303	Artificial Intelligence		
Electrical Engineering				
Title of the Minor	MONSOON		WINTER	
Electrical Technology	EEC201	Signals, Systems and Networks	EEC204	Electrical Machines-I
	EEC202	Analog and Digital Electronics	EEC207	Power System Engineering
Electronic Engineering				
Title of the Minor	MONSOON		WINTER	
Embedded System Design	ECC203	Digital Circuits and System Design	ECC209	Microprocessors and Microcontrollers
	ECO561	Embedded System Design		
Environmental Science & Engineering				
Title of the Minor	MONSOON		WINTER	
Environmental Management	ESC201	Drinking Water Supply and Treatment	ESC206	Environmental Policy and Legislation
	ESC202	Air Pollution		
Fuel Mineral and Metallurgical Engineering				
Title of the Minor	MONSOON		WINTER	
Metallurgical Engineering	FMC202	Heat and Mass Transfer	FMC205	Thermodynamics and Kinetics
	FMC302	Extractive Metallurgy	FMC303	Mechanical metallurgy

Management Studies				
Title of the Minor	MONSOON		WINTER	
Operations Management	MSC507	Decision Modelling	MSC512	Operations Management
	MSC520	Quality Management		
Financial Management	MSC504	Financial Accounting and Reporting	MSC510	Corporate Finance
	MSD507	Management of Banks and Financial Institutions		
Marketing Management	MSC501	Management Principles and Practices	MSC513	Marketing Management
	MSD533	Marketing Research		
Mathematics & Computing				
Title of the Minor	MONSOON		WINTER	
Mathematics and Statistics	MCC203	Real Analysis	MCC509	Statistical Inference
	MCC502	Differential Equations		
Mechanical Engineering				
Title of the Minor	MONSOON		WINTER	
Robotics	MEC201	Kinematic of Machines	MEC207	Dynamics of Machinery
			MEO528	Robotics
Manufacturing	MEE201	Engineering Materials	MEC209	Production Technology
			MEO586	Additive Manufacturing
Computational Fluid Dynamics	MEC202	Fluid Mechanics	MEO579	Computational Fluid Dynamics
	MEC594	Basics of Scientific Computing		
Material Handling Engineering	MMC301	Mineral Beneficiation Equipment	MMC207	Bulk Material Handling Equipment
	MMC302	Automation and Control in Mining Machines		
Mining Engineering				
Title of the Minor	MONSOON		WINTER	
Mining Methods and Safety	MNC300	Surface Mining	MNC207	Underground Metal Mining
			MNC208	Underground Coal Mining
Petroleum Engineering				
Title of the Minor	MONSOON		WINTER	
Petroleum Production Operations	PEE201	Introduction to Petroleum Engineering	PEC206	Elements of Petroleum Production Engineering.
	PEC302	Petroleum Production Operations		
Physics				
Title of the Minor	MONSOON		WINTER	
High Energy Physics	PHC202	Mathematical Physics	PHC207	Nuclear Science and Engineering
			PHD503	High Energy Physics
Nanotechnology	PHO400	Nanoelectronics and Nanophotonics	PHO503	Physics of Nanomaterials
	PHO401	Introduction to Quantum Devices		
