



Course of Study Code	Discipline Code	Discipline	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem Credit	Internal Marks		End Sem Marks		Total Marks	Sem Marks	
										Practical	Theoretical	Practical	Theoretical			
MSC	MSCGEOL	M.Sc. in Geology	I	Mineralogy and Geochemistry	C	MSCGEOLC101	CC-1	4-0-0	4	20		10		40	50	300
				Structural Geology	C	MSCGEOLC102	CC-2	4-0-0	4			10		40	50	
				Sedimentology	C	MSCGEOLC103	CC-3	4-0-0	4			10		40	50	
				Palaeontology	C	MSCGEOLC104	CC-4	4-0-0	4			10		40	50	
				Mineralogy and Structural Geology	C	MSCGEOLC105	CC-5	0-0-4	2			30		20	50	
				Sedimentology and Palaeontology	C	MSCGEOLC106	CC-6	0-0-4	2			30		20	50	
			II	Igneous Petrology	C	MSCGEOLC201	CC-7	4-0-0	4	26		10		40	50	400
				Metamorphic Petrology	C	MSCGEOLC202	CC-8	4-0-0	4			10		40	50	
				Economic Geology	C	MSCGEOLC203	CC-9	4-0-0	4			10		40	50	
				Stratigraphy	C	MSCGEOLC204	CC-10	4-0-0	4			10		40	50	
				Igneous and Metamorphic Petrology	C	MSCGEOLC205	CC-11	0-0-4	2			30		20	50	
				Ore Petrography and Stratigraphy	C	MSCGEOLC206	CC-12	0-0-4	2			30		20	50	
				Field Geology	C	MSCGEOLC207	CC-13	0-0-4	2			30		20	50	
			Choose from Pool of Minor Electives	MIE	See Pool	MIE-1	4-0-0	4		See Pool			50			
			III	Geotectonics and Hydrocarbon Exploration	C	MSCGEOLC301	CC-14	4-0-0	4	20		10		40	50	300
				Hydrogeology	C	MSCGEOLC302	CC-15	4-0-0	4			10		40	50	
				Mineral Exploration and Mineral Beneficiation	C	MSCGEOLC303	CC-16	4-0-0	4			10		40	50	
				Coal Geology and Mining	C	MSCGEOLC304	CC-17	4-0-0	4			10		40	50	
				Hydrogeology	C	MSCGEOLC305	CC-18	0-0-4	2			30		20	50	
			Choose from Pool of Minor Electives	MIE	See Pool	MIE-2	0-4-0	4		See Pool			50			
			IV	Remote Sensing & GIS, and Engineering Geology	C	MSCGEOLC401	CC-19	4-0-0	4	30		10		40	50	(50+50)+(50+50)=200
				Remote Sensing & GIS	C	MSCGEOLC402	CC-20	0-0-4	2			30		20	50	
				Advanced Hydrogeology - I	Option A	MSCGEOLMJE401	MJE -1, MJE-2, MJE-3 & MJE-4	4-0-0	(4+2)+(4+2)=12			10		40	450	
				Advanced Hydrogeology - II		MSCGEOLMJE402		0-0-4				30	20			
				Applied Geophysics - I	Option B	MSCGEOLMJE403		4-0-0				10		40		
				Applied Geophysics - II		MSCGEOLMJE404		0-0-4				30	20			
				Geostatistics - I	Option C	MSCGEOLMJE405		4-0-0				10		40		
				Geostatistics - II		MSCGEOLMJE406		0-0-4				30	20			
				Oceanography - I	Option D	MSCGEOLMJE407		4-0-0				10		40		
				Oceanography - II		MSCGEOLMJE408		0-0-4				30	20			
				Isotope Geochemistry - I	Option E	MSCGEOLMJE409		4-0-0				10		40		
				Isotope Geochemistry - II		MSCGEOLMJE410		0-0-4				30	20			
				Quaternary Geology - I	Option F	MSCGEOLMJE411		4-0-0				10		40		
				Quaternary Geology - II		MSCGEOLMJE412		0-0-4				30	20			
				Environmental Geology - I	Option G	MSCGEOLMJE413		4-0-0				10		40		
				Environmental Geology - II		MSCGEOLMJE414		0-0-4				30	20			
				Climatology - I	Option H	MSCGEOLMJE415		4-0-0				10		40		
				Climatology - II		MSCGEOLMJE416		0-0-4				30	20			
				Phase Equilibria in Metamorphic Petrology - I	Option I	MSCGEOLMJE417		4-0-0				10		40		
				Phase Equilibria in Metamorphic Petrology - II		MSCGEOLMJE418		0-0-4				30	20			
Paleobiology - I	Option J	MSCGEOLMJE419		4-0-0		10					40					
Paleobiology - II		MSCGEOLMJE420		0-0-4		30		20								
Vertebrate Paleontology - I	Option K	MSCGEOLMJE421		4-0-0		10					40					
Vertebrate Paleontology - II		MSCGEOLMJE422	0-0-4		30	20										
Industrial Training	C	MSCGEOLC403	CC-21	0-0-4	2			30			20	50				
Dissertation Thesis, Viva voce, Seminar	C	MSCGEOLC404	CC-22	0-5-10	10		60		40	100						

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Applied Psychology for all other Departments across faculties |

MSC	GEOLOGY	MSCGEOL	II	Remote Sensing and GIS	MIE	MSCGEOLMIE201	MIE-1	4-0-0	4		10		40	50
			III	Literature Review and Colloquium		MSCGEOLMIE301	MIE-2	0-4-0	4		30		20	50