



of Study Code	Discipline Code	Discipline	Semester	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	MSCGEIN	M.Sc. in Geoinformatics	I	Concept of Earth System Science	C	MSCGEINC101	CC - 1	4 - 0 - 0	4	20		10		40	50	300				
				Fundamentals of Mapping and Mapping Science	C	MSCGEINC102	CC - 2	4 - 0 - 0	4			10		40	50					
				Introduction of RS and GIS	C	MSCGEINC103	CC - 3	4 - 0 - 0	4			10		40	50					
				Introduction to Surveying and Photogrammetry	C	MSCGEINC104	CC - 4	4 - 0 - 0	4			10		40	50					
				Map and Image Interpretation	C	MSCGEINC105	CC - 5	0 - 0 - 4	2		30		20		50					
				Computer Fundamentals and Programming	C	MSCGEINC106	CC - 6	0 - 0 - 4	2		30		20		50					
			II	Digital Image Processing for Geoinformatics	C	MSCGEINC201	CC - 7	4 - 0 - 0	4	22		10		40	50	350				
				Statistics and Geostatistics	C	MSCGEINC202	CC - 8	4 - 0 - 0	4			10		40	50					
				Introduction to Programming for Geoinformatics and DBMS	C	MSCGEINC203	CC - 9	2 - 0 - 0	2			10		40	50					
				Digital Image Processing and Spatial Analysis	C	MSCGEINC204	CC - 10	0 - 0 - 8	4		30		20		50					
				Geostatistics and Pilot Project	C	MSCGEINC205	CC - 11	0 - 0 - 4	2		30		20		50					
				Programming for Geoinformatics and DBMS	C	MSCGEINC206	CC - 12	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	Research Methodology and Spatial Decision Support System	C	MSCGEINC301	CC - 13	4 - 0 - 0	4	28		10		40	50	50+50=100				
				Advance RS and GIS	C	MSCGEINC302	CC - 14	4 - 0 - 0	4			10		40	50					
				Web Mapping and Web GIS	C	MSCGEINC303	CC - 15	2 - 0 - 2	4		30		20		50					
				Advance RS & GIS and Theme Specific Case Studies	C	MSCGEINC304	CC - 16	0 - 0 - 4	4		30		20		50					
				Geoinformatics in Disaster Management I	Option A	MSCGEINMJE301	MJE - 1	4 - 0 - 0	4+4=8			10		40	50+50=100					
				Geoinformatics in Disaster Management II		MSCGEINMJE302	MJE - 2	0 - 2 - 4			30		20							
				Geoinformatics in Urban Planning I	Option B	MSCGEINMJE303	MJE - 1	4 - 0 - 0				10		40						
				Geoinformatics in Urban Planning II		MSCGEINMJE304	MJE - 2	0 - 2 - 4			30		20							
				Geoinformatics for Mining and Subsidence I	Option C	MSCGEINMJE305	MJE - 1	4 - 0 - 0				10		40						
				Geoinformatics for Mining and Subsidence II		MSCGEINMJE306	MJE - 2	0 - 2 - 4			30		20							
				Geoinformatics in Watershed Management I	Option D	MSCGEINMJE307	MJE - 1	4 - 0 - 0				10		40						
				Geoinformatics in Watershed Management II		MSCGEINMJE308	MJE - 2	0 - 2 - 4			30		20							
				Choose from Pool of Minor Electives	MIE	See Pool	MIE - 2	4 - 0 - 0			4	See Pool					50			
				IV	Dissertation	C	MSCGEINC401	CC - 17			2 - 2 - 12	10	20	60				40		100
			Seminar and Grand Viva		C	MSCGEINC402	CC - 18	2 - 2 - 12		10	60			40			100			
												Total Credit/Marks		90					1200	

Geography for all other Departments across faculties ]																
MSC	MSCGEIN	M.Sc. in Geoinformatics	II	Socio Economic Mapping using Geoinformatics	MIE	MSCGEINMIE201	MIE-1	4 - 0 - 0	4	NA		10		40	50	NA
MSC	MSCGEIN	M.Sc. in Geoinformatics	III	GIS Project Design and Management	MIE	MSCGEINMIE301	MIE - 2	4 - 0 - 0	4	NA		10		40	50	NA