

STRUCTURE OF THE SYLLABUS FOR 2 YEAR PG PROGRAMME

SCHOOL NAME - RSEES

DEPARTMENT NAME - GEOLOGY

PROGRAMME NAME - M. Sc. GEOLOGY

1 st SEMESTER				
COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
GEOL164C141	Structural Geology and Tectonics	500	4	3-0-1
GEOL164C142	Mineralogy and Crystal Chemistry	400	4	3-0-1
GEOL164C143	Igneous and Metamorphic Petrology	500	4	3-0-1
GEOL164C144	Sedimentology and Quaternary Geology	500	4	3-0-1
GEOL164C105	Climatology and Oceanography	400	4	3-1-0
	Course through SWAYAM platform (to be selected by the department)		3 or 4	
TOTAL CREDIT FOR 1 st SEMESTER			20 + (3 or 4)	
2 nd SEMESTER				
COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
GEOL164C241	Indian Stratigraphy and Applied Palaeontology	400	4	3-0-1
GEOL164C242	Geomorphology	500	4	3-0-1
GEOL164C203	Geology of NE India	400	4	3-1-0
GEOL164C204	Planetary Geology	400	4	3-1-0
GEOL164C205	Urban Geology	400	4	3-1-0
	Course through SWAYAM platform (to be selected by the department)		3 or 4	
TOTAL CREDIT FOR 2 nd SEMESTER			20 + (3 or 4)	
TOTAL CREDIT FOR 1 st YEAR = 40				
3 rd SEMESTER				
COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
GEOL164C341	Engineering Geology	500	4	3-0-1
GEOL164C342	Economic Geology	500	4	3-0-1
GEOL164C343	Fuel Geology	500	4	3-0-1
GEOL164C304	Exploration Geology	500	4	3-1-0
GEOL164C305	Mining Geology	500	4	3-1-0
TOTAL CREDIT FOR 3 rd SEMESTER			20	
OR 3 rd SEMESTER (For students with 3 rd and 4 th Semester Research)				
	RESEARCH PROJECT – PHASE I			
4 th SEMESTER				
COURSE CODE	COURSE TITLE	LEVEL	CREDIT	L-T-P
GEOL164C421	Dissertation	-	20	0-0-20
(for 'Coursework only' in lieu of Research)				
OR 4 th SEMESTER (For students with 3 rd and 4 th Semester Research)				
	RESEARCH PROJECT – PHASE 2			
TOTAL CREDIT FOR 4 th SEMESTER			20	
TOTAL CREDIT FOR 2 nd YEAR = 40				