

Gondwana University, Gadchiroli
Faculty of Science & Technology
Two Years Regular Post Graduate Program: M.Sc. (Geology)
Semester-I
Course and Examination Scheme- 2023-2024

Course Code.	Name of Subject	Total Credit	Lectures (L)	Tutorials (T)	Practical (P)	Total Hrs	University Examination								
							Theory				Practical				
							UA	CA	Total mark	Duration of Exam (Hrs)	Min Passing	UA	CA	Total marks	Min Passing
PSCGEOT01	Mineralogy and Crystallography	04	04	--	--	04	80	20	100	3	40	--	--	--	--
PSCGEOT02	Igneous Petrology	03	03	--	--	04	80	20	100	3	40	--	--	--	--
PSCGEOT03	Metamorphic Petrology and Geological Mapping	03	03	--	--	04	80	20	100	3	40	--	--	--	--
Elective- I (Any One)															
PSCGEOT04	Stratigraphy and Indian Geology	04	04	--	--	04	80	20	100	3	40	--	--	--	--
PSCGEOT04	Mining Geology and Valuation of Mineral Property														
PSCGEOT04	Exploration Geochemistry														
PSCGEOT04	Mineral Exploration														
PSCGEOT04	Quaternary Geology and Limnogeology														
RMGEOT05	Research Methodology	04	04			04	80	20	100	3	40	--	--	--	--
	Practical -I	02	--	--	02	04	--	--	--	--	--	30	20	50	25
	Total	20	18		02	22	400	100	500	--	--	30	20	50	--

Gondwana University, Gadchiroli
Faculty of Science & Technology
Two Years Regular Post Graduate Program: M.Sc. (Geology)
Semester-II

Course and Examination Scheme- 2023-2024

Course Code.	Name of Subject	Total Credit	Lectures (L)	Tutorials (T)	Practical (P)	Total Hrs	University Examination									
							Theory					Practical				
							UA	CA	Total mark	Duration of Exam (Hrs)	Min Passing	UA	CA	Total marks	Min Passing	
2PSCGEOT01	Sedimentology, Geostatistics and Computer Application in Geology	04	04	--	--	04	80	20	100	3	40	--	--	--	--	
2PSCGEOT02	Paleontology and Applied Paleobiology	03	03	--	--	04	80	20	100	3	40	--	--	--	--	
2PSCGEOT03	Geochemistry and Instrumentation Techniques	03	03	--	--	04	80	20	100	3	40	--	--	--	--	
Elective- I (Any One)																
2PSCGEOT04	Structural Geology, Geodynamics and Tectonics	04	04	--	--	04	80	20	100	3	40	--	--	--	--	
2PSCGEOT04	Marine Geology and Oceanography															
2PSCGEOT04	.Basin analysis and Sequence Stratigraphy															
2PSCGEOT04	Applied and Industrial Micropaleontology															
2PSCGEOT04	Elements of Mining and Drilling Techniques															
2RMGEOT05	* Industrial Training/ Field Project / Research Project	04	--	--	--	08	08	--	--	--	40	50	50	100	50	
	** Practical II	02	--	--	--	04	04	--	--	--	--	30	20	50	25	
	Total	20	14			12	28	320	80	400	--	--	80	70	150	--

* OJT- On Job Training with Seminar

** Practical II shall be based on core subjects