



A.D.M. COLLEGE FOR WOMEN

(Autonomous)

Affiliated to Bharathidasan University

(Nationally Accredited with "A" Grade by NAAC – 3rd Cycle)

NAGAPATTINAM 611 001.

DEPARTMENT OF GEOLOGY B.Sc GEOLOGY (2020- 2023) SCHEME OF THE PROGRAMME

Sem.	Part	Course Code	Course	Ins. Hrs	Credit	Exam Hours	Marks		Total Marks
							CIA	SE	
I	I		LC – Language Course I	6	3	3	25	75	100
	II		ELC – English Language Course I	6	3	3	25	75	100
	III		CC – Core Course I – The Dynamic Earth	6	6	3	25	75	100
			CP – Core Practical I – Structural Geology and Surveying	3	-	-	-	-	-
			AC – Allied Course I – Mathematics I (OR) Chemistry I	4	3	3	25	75	100
			AC – Allied Course II – Mathematics II (OR) Chemistry I	3	-	-	-	-	-
	IV		Value Education	2	2	3	25	75	100
		Total	30	17	-	-	-	500	
II	I		LC- Language Course II	6	3	3	25	75	100
	II		ELC – English Language Course II	6	3	3	25	75	100
	III		CC - Core Course I – Structural Geology	6	6	3	25	75	100
			CP – Core Practical II – Structural Geology and Surveying	3	3	3	40	60	100
			AC – Allied Course II – Mathematics II (OR) Chemistry II	4	3	3	25	75	100
			AC – Allied Course III – Mathematics II (OR) Chemistry II	3	3	3	25	75	100
	IV		ES – Environmental Studies	2	2	3	25	75	100
		Total	30	23	-	-	-	500	

III	I	LC – Language Course III	6	3	3	25	75	100
	II	ELC – English Language Course III	6	3	3	25	75	100
	III	CC – Core Course III – Physical Geology	5	5	3	25	75	100
		CP - Core Practical II – Paleontology and Crystallography	4	-	-	-	-	-
		AC – Allied Course I – Physics I	5	3	3	25	75	100
		AC – Allied Course II – Physics II	2	-	-	-	-	-
	IV	NME – Non Major Elective I – Fundamentals of Geology	2	2	3	25	75	100
		Total	30	16	-	-	-	500
IV	I	LC- Language Course IV	6	3	3	25	75	100
	II	ELC – English Language Course IV	6	3	3	25	75	100
	III	CC – Core Course IV – Paleontology and Crystalligraphy	5	5	3	25	75	100
		CC – Core Practical II – Paleontology and Crystalligraphy	2	4	3	40	60	100
		AC - Allied Course II (Lab) – Physics II	3	3	3	25	75	100
		AC - Allied Course III – Physics III	4	3	3	25	75	100
	IV	NME – Non Major Elective II – Introduction to Minerals, Rocks and Fossils	2	2	3	25	75	100
	V	SBE – Skill Based Elective I – Climatology	2	2	3	25	75	100
		Total	30	25	-	-	-	800

V	III	CC – Core Course V – Stratigraphy	5	5	3	25	75	100	
		CC – Core Course VI – Mineralogy	5	5	3	25	75	100	
		CP – Core Practical – Mineralogy and Applied Geology	4	3	3	40	60	100	
		MBE – Major Based Elective I – Environmental Geology and Hydrology /Marine Geology	5	5	3	25	75	100	
		MBE – Major Based Elective II – Remotesensing and Mining Geology	5	5	3	25	75	100	
	IV	SBE –Skill Based Elective II – Water Quality Analysis	2	2	3	25	75	100	
		SBE – Skill Based Elective III – Geostatistics and Computer Application	2	2	3	25	75	100	
		Soft Skills Development	2	2	3	25	75	100	
			Total	30	29	-	-	-	800
	VI	III	CC – Core Course VII – Igneous Petrology	6	6	3	25	75	100
CC – Core Course VIII – Sedimentary and Metamorphic Petrology			6	6	3	25	75	100	
CC – Core Course IX – Economic Geology			6	6	3	25	75	100	
CP – Core Practical IV – Petrology and Economic Geology			6	5	3	40	60	100	
MBE – Major Based Elective III – Mineral Prospecting and Field Geology			5	5	3	25	75	100	
V		EA – Extension Activities	-	1	-	-	-	-	
		GS – Gender Studies	1	1	3	25	75	100	
			Total	30	30	-	-	-	600
		Grand Total	180	140	*	*	*	3900	