



DR. RAM MANOHAR LOHIA AVADH UNIVERSITY, AYODHYA

Structure of Syllabus for the Program: M.Sc., Subject: GEOLOGY

Structure of Syllabus Developed by			
Name of BoS Convener/ BoS Member	Designation	Department	College/ University
Prof. C.K. Mishra	Dean	Faculty of Science	Dr. R.M.L. Avadh University, Ayodhya
Prof. Jaswant Singh	Director & Convener	Institute of Earth and Environmental sciences	Dr. R.M.L. Avadh University, Ayodhya
Prof. A. D. Singh	External Expert	Department of Geology	Banaras Hindu University, Varanasi
Prof. D Prakash	External Expert	Department of Geology	Banaras Hindu University, Varanasi
Dr. Praveen Chandra Singh	Internal Expert	Department of Geology	Dr. R.M.L. Avadh University, Ayodhya
Dr. Saurabh Singh	Internal Expert	Department of Geology	Dr. R.M.L. Avadh University, Ayodhya

Course Code		Course Title	Credits	T/P	Evaluation	
					CIE	ETE
A	B	C	D	E	F	G
SEMESTER I (YEAR I)						
B090701T	CORE	Mineralogy and Crystallography	5	T	25	75
B090702T	CORE	Structural Geology	5	T	25	75
B090703T	CORE	Igneous Petrology	5	T	25	75
B090704T	FIRST ELECTIVE (Subject Elective) (Select any one)	Introduction to Earth and Planetary Sciences	5	T	25	75
B090705T		Environmental Hazards and Disaster Management	5	T	25	75
B090706P	SECOND ELECTIVE (Subject Elective) (Select any one)	Practical	5	P	50	50
B090707P		Field Visit	5	P	50	50
SEMESTER II (YEAR I)						
B090801T	CORE	Geomorphology and Geotectonics	5	T	25	75
B090802T	CORE	Metamorphic Petrology and Geochronology	5	T	25	75
B090803T	CORE	Sedimentology	5	T	25	75
B090804T	THIRD ELECTIVE (Generic Elective) (Select any one)	Life Through Ages	5	T	25	75
B090805T		Remote Sensing and GIS	5	T	25	75

B090806P	FOURTH ELECTIVE	Practical	5	P	50	50
B090807P	(Subject Elective) (Select any one)	Industrial Training	5	P	50	50
SEMESTER III (YEAR II)						
B090901T	CORE	Stratigraphy	5	T	25	75
B090902T	CORE	Economic and Mining Geology	5	T	25	75
B090903T	CORE	Geochemistry	5	T	25	75
B090904T	FIFTH ELECTIVE	Instrumentation Techniques in Geosciences	5	T	25	75
B090905T	(Subject Elective) (Select any one)	Palaeontology	5	T	25	75
B090906P	SIXTH ELECTIVE	Practical and Field work	5	P	50	50
B090907P	(Subject Elective) (Select any one)	Project Presentation	5	P	50	50
SEMESTER IV (YEAR II)						
B091001T	CORE	Petroleum and Coal Geology	5	T	25	75
B091002T	CORE	Engineering Geology and Geohydrology	5	T	25	75
B091003T	SEVENTH ELECTIVE	Environmental Geology	5	T	25	75
B091004T	(Subject Elective) (Select any one)	Exploration Geophysics	5	T	25	75
B091005P	RESEARCH PROJECT/ DISSERTATION	Research Project/ Dissertation	10	P	50	50