



C. U. SHAH UNIVERSITY

FACULTY OF SCIENCE

Department of Mathematics

Teaching Scheme M. Sc.Semester -I (w.e.f. June 2013)

In **First and Second Semester (First Year)** student has to learn 6 core courses/subjects, each of 4 credits. There will be 5 core compulsory courses/subjects and 1 core elective course/subject to be taken by a student. There will be a 1 credit course/subject for comprehensive viva and Mathematics presentation. The session work for each course/subject will comprise of 4 formal lectures per week, each of 1 hour duration. Thus a student will be provided 25 to 27 hours actual teaching per week.

Viva voce: There will be a viva-voce examination of 50 marks at the end of each semester covering all the subjects/courses offered during the semester.

Sr. No.	Subject Code	Name of the Subject	Teaching Scheme (hrs)			Evaluation Scheme								
			Th	Seminar	Pr	Total	Theory			Practical (Marks)				
							Sessional Exam	University Exam		Total	External	Internal	Total	
								Marks	Hrs					Marks
1	MSCMTC101	Linear Algebra	4	0	0	4	30	1.5	70	3	100	--	--	100
2	MSCMTC102	Differential Equations	4	0	0	4	30	1.5	70	3	100	--	--	100
3	MSCMTC103	Complex Analysis-I	4	0	0	4	30	1.5	70	3	100	--	--	100
4	MSCMTC104	Topology-I	4	0	0	4	30	1.5	70	3	100	--	--	100
5	MSCMTC105	C Programming and Mathematical Algorithms-I	2	0	4	6	15	1	35	2	50	30	20	50
6	MSCMTE101	Operations Research	4	0	0	4	30	1.5	70	3	100	--	--	100
7	MSCMTE102	Number Theory	4	0	0	4	30	1.5	70	3	100	--	--	100
8	MSCMTV101	Viva Voce	0	2	0	2	--	--	--	--	--	50	--	50

Note: **MSCMTC101:** MSC indicates the course, MT indicates the subject(Mathematics), C indicates compulsory core subject, E indicates elective subject, V indicates viva voces/subject/course, 1 indicates the semester, 01 indicates the subject no.