SARDAR PATEL UNIVERSITY
Programme & Subject: B.Sc (Mathematics)
Semester: VI
Syllabus with Effect from: November/December-2013

Paper Code: US06CMTH07	Total Credit: 3
Title Of Paper: Mathematics Practical - III	

	Description in detail	
1	Introduction to Symbolic Toolbox and Symbolic variables	
2	Symbolic Functions and operations and Basic Symbolic calculations	
3	Limit, Differentiation and Integration	
4	Determining convergence of a sequence and series	
5	Introduction to SCILAB programming and programming constructs-I	
6	Introduction to SCILAB programming and programming constructs-II	
7	Isnatural : a function to determine a whether given number is a natural number or not	
8	Isprime: a function to determine whether a given number is prime or not	

Note:-

- ➤ The practicals will be done using the softwares like SCILAB , Matlab, Mathcad 2001 student edition , MACSYMA ProLite , Eureka or any others softwares.