

SARDAR PATEL UNIVERSITY
Programme & Subject: B.Sc (Mathematics)
Semester: IV
Syllabus with Effect from: November/December-2012

Course Type	Course Code	Name Of Course	Theory/practical	Credit	Contact Hrs/Week	Exam Duration in hrs	Component of Marks		
							Internal	External	Total
							Total/Passing	Total/Passing	Total/Passing
Core Course	US04CMTH01	Linear Algebra	Theory	3	3	3	30	70	100
	US04CMTH02	Differential Equations	Theory	3	3	3	30	70	100
	US04CMTH03	Practical	Practical	3	6	3	30	70	100
Elective Course	US04EMTH01	Boolean Algebra and Laplace Transforms	Theory	2	2	2	30	70	100
	US04EMTH02	Mathematical Methods – II	Theory	2	2	2	30	70	100
	US04EMTH03	Financial Mathematics – II	Theory	2	2	2	30	70	100
	US04EMTH04	Mathematical Biology	Theory	2	2	2	30	70	100
	US04EMTH05	Calculus and Algebra - II	Theory	2	2	2	30	70	100
	US04EMTH06	Operation Research - II (Effective from June - 2015)	Theory	2	2	2	30	70	100

