

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
SYLLABUS FOR B.Sc. (MATHEMATICS)
Semesters: III and IV
Effective from June 2012

Semester	Course	Paper	Name of the Paper	Hours	Credit	Marks
III	B.Sc. (Mathematics)	CCM-301	Advanced Calculus-I	3	3	100 (30 Internal + 70 External)
		CCM-302	Ordinary Differential Equations	3	3	
		CCM-303	Numerical Analysis-I	3	3	
	B.Sc. (Computer Science)	CCM-301CS	Advanced Calculus	3	3	100 (30 Internal + 70 External)
		CCM-302CS	Discrete Mathematics-I	3	3	
		CCM-303CS	Numerical Methods	3	3	
		IDS	Group of Symmetries-I / Mathematical Modeling-I / Mathematical Methods-I	3	2	
IV	B.Sc. (Mathematics)	CCM-401	Advanced Calculus-II	3	3	100 (30 Internal + 70 External)
		CCM-402	Partial Differential Equations	3	3	
		CCM-403	Numerical Analysis-II	3	3	
	B.Sc. (Computer Science)	CCM-401CS	Differential Equations	3	3	100 (30 Internal + 70 External)
		CCM-402CS	Discrete Mathematics-II	3	3	
		CCM-403CS	Graph Theory	3	3	
		IDS	Group of Symmetries-II / Mathematical Modeling-II/ Mathematical Methods-II	3	2	