

Veer Narmad South Gujarat University
MCA 3rd Semester
Teaching and Evaluation Scheme

Paper	Title	Teaching		Credits	University Exam		Internal Marks	Total
		Theory (Hrs)	Practical (Hrs)		Duration	Marks		
301	Client Server Architecture	4	0	4	3 Hrs	70	30	100
302	Operating System	4	0	4	3 Hrs	70	30	100
303	Software Engineering	4	0	4	3 Hrs	70	30	100
304	Programming in .NET	4	0	4	3 Hrs	70	30	100
305	Java Programming	4	0	4	3 Hrs	70	30	100
306	Programming Skills V	0	3	3	2 Hrs	70	30	100
307	Programming Skills VI	0	4	4	2 Hrs	70	30	100
308	Programming Skills VII	0	3	3	2 Hrs	70	30	100

Veer Narmad South Gujarat University
MCA 4th Semester
Teaching and Evaluation Scheme

Paper	Title	Teaching		Credits	University Exam		Internal Marks	Total
		Theory (Hrs)	Practical (Hrs)		Duration	Marks		
401	Mobile Application Prog.	4	0	4	3 Hrs	70	30	100
402	Information Systems	4	0	4	3 Hrs	70	30	100
403	Data Communication and Network Protocols	4	0	4	3 Hrs	70	30	100
	Cyber Security	4	0	4	3Hrs	70	30	100
404	Interactive Computer Graphics	4	0	4	3 Hrs	70	30	100
	Cryptography	4	0	4	3 Hrs	70	30	100
405	Unix Internals & Shell Programming	4	0	4	3 Hrs	70	30	100
406	Programming Skills VIII	0	2	2	2 Hrs	70	30	100
407	Programming Skills IX	0	2	2	2 Hrs	70	30	100
408	Programming Skills X	0	2	2	2 Hrs	70	30	100
409	Part Time Project	0	4	4	-	70	30	100