



C. U. SHAH UNIVERSITY, Wadhwan City

Name of Program : MCA

Name of Branch : MCA

Semester : IV

W.E.F. – June 2014

Sr · No	Branch Code	Subject Code	Subject Name	Teaching Hours/Week				Credit s	Evaluation Scheme/Semester							
				Th	Tu	Pr	Total		Theory				Practical			Total Mark s
									Sessional Exam		University Exam		Internal		Univer sity	
									Mark s	Hour s	Mark s	Hour s	Pr	T W	Pr	
1	01	5CS04ORT1	OPERATIONS RESEARCH	4	-	-	4	4	30	1.5	70	3	-	-	-	100
2		5CS04WAD1	WEB APPLICATIONS DEVELOPMENT	4	-	-	4	4	30	1.5	70	3	-	-	-	100
3		5CS04ADB1	ADVANCED DATABASE MANAGEMENT SYSTEM	4	-	-	4	4	30	1.5	70	3	-	-	-	100
4		5CS04SEN1	SOFTWARE ENGINEERING	4	-	-	4	4	30	1.5	70	3	-	-	-	100
5		--	MAJOR ELECTIVE-I	4	-	2	6	5	30	1.5	70	3	10	-	40	150
6		5CS04WAD2	PROGRAMMING TECHNIQUE-VII (WAD)	-	-	4	4	2	-	-	-	-	20	-	80	100
7		5CS04ADB2	PROGRAMMING TECHNIQUE-VIII (ADBMS)	-	-	4	4	2	-	-	-	-	20	-	80	100
8		5CS04SEM1	SEMINAR ON TECH. TOPICS	-	-	2	2	1	-	-	-	-	50	-	-	50
TOTAL				20	-	12	32	26	150	-	350	-	100	-	200	800

Abbreviations: Th – Theory, Tu – Tutorial / Seminar / Field Work, Pr – Practical

Note: Theory: 1 hr = 1 credit and Practical / Tutorial: 2 hrs = 1 Credit

MAJOR ELECTIVE – I

Subject Code	Subject Name
5CS04PYP1	PYTHON PROGRAMMING
5CS04DIP1	DIGITAL IMAGE PROCESSING
5CS04CNS1	COMPUTER NETWORK SECURITY
5CS04CGC1	COMPUTER GRAPHICS