



C. U. SHAH UNIVERSITY, Wadhwan City
Name of Programme : Master of Computer Applications
Name of Branch : MCA
Semester : V
W.E.F. June 2017

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		Universit y	
									Mark s	Hour s	Mark s	Hour s	Pr	T W	Pr	
1	01	5CS05MNT1	ADVANCED ASP & C# .NET PROGRAMMING	4	-	-	4	4	30	1.5	70	3	-	-	-	100
		--	MINOR ELECTIVE – I	4	-	-	4	4	30	1.5	70	3	-	-	-	100
3		--	MAJOR ELECTIVE – II	4	-	-	4	4	30	1.5	70	3	-	-	-	100
4		5CS05MPR1	PROJECT DEVELOPMENT USING OPEN SOURCE TECHNOLOGIES	-	-	6	6	3	-	-	-	-	20		80	100
5		5CS05MDW1	DATA WAREHOUSING AND DATA MINING	4	-	-	4	4	30	1.5	70	3	-	-	-	100
6		5CS05MPI1	PROGRAMMING TECHNIQUE-IX (.NET)	-	-	4	4	2	-	-	-	-	20	-	80	100
7		---	PROGRAMMING TECHNIQUE-X (MAJOR ELECTIVE-II)	-	-	4	4	2	-	-	-	-	20	-	80	100
8		5CS05MLB1	LESSON FROM MOTIVATIONAL BOOKS	-	2	-	2	1	-	-	-	-	-	50	-	50
TOTAL				16	2	14	32	24	120	-	280	-	60	50	240	750

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

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

MINOR ELECTIVE – I	
Code	Subject Name
5CS05MCC1	CLOUD COMPUTING (CC)
5CS05MAI1	ARTIFICIAL INTELLIGENCE (AI)
5CS05MGS1	GEOGRAPHIC INFORMATION SYSTEMS (GIS)
5CS05MBI1	FUNDAMENTALS OF BIOINFORMATICS (BIO)

MAJOR ELECTIVE – II WITH PRACTICAL SUBJECT (VICE-VERSA)				
Code	Subject Name		Code	Subject Name
5CS05MAJ1	ANGULAR JS	&	5CS05MTJ1	PROGRAMMING TECHNIQUE-X (AJS)
5CS05MPY1	PYTHON PROGRAMMING (PP)	&	5CS05MTK1	PROGRAMMING TECHNIQUE-X (PP)
5CS05MIP1	IMAGE PROCESSING (IP)	&	5CS05MTL1	PROGRAMMING TECHNIQUE-X (IP)
5CS05MWN1	WIRELESS NETWORKS & SECURITY	&	5CS05MTM1	PROGRAMMING TECHNIQUE-X (WNS)