

S. N.	Revised pattern	Sem	Code	Subject	Sub Code	Equivalence Subject
1	F.Y.B.Sc. Computer Science(Rev.2013)		11121	COMPUTER SCIENCE- PAPER -I:PROBLEM SOLVING USING COMPUTERS AND 'C' PROGRAMMING	CS-111 & CS-112	Problem Solving Using Computers and 'C' Programming & Advanced 'C' Programming
2	F.Y.B.Sc. Computer		11122	COMPUTER SCIENCE- PAPER II: FILE	CS-112 &	Database Management Systems & Relational
3	S.Y.B.Sc. Computer		21121	CS -211 DATA STRUCTURES USING C	CS 231	Data Structures and Algorithms - I
4	S.Y.B.Sc. Computer		21122	CS -212 RELA.DATABASE MGNT.SYSTEMS	-	-
5	S.Y.B.Sc. Computer		22121	CS-221 OBJECT ORIENTED CONCEPTS	-	-
6	S.Y.B.Sc. Computer		22122	CS-222 SOFTWARE ENGINEERING	CS 232	Software Engineering
7	T.Y.B.Sc. Computer	III	31121	CS -331 SYSTEM PROGRAMMING	CS-351	Operating Systems – I
8	T.Y.B.Sc. Computer		31122	CS -332 THEORETICAL COMPUTER	CS-356	Theoretical Computer Science
9	T.Y.B.Sc. Computer		31123	CS -333 COMPUTER NETWORKS - I	CS 242	Computer Networks - I
10	T.Y.B.Sc. Computer		31124	CS -334 INTERNET PROGRAMMING - I	CS-353	Web Technologies – I
11	T.Y.B.Sc. Computer		31125	CS -335 PROGRAMMING IN JAVA - I	CS-355	Object Oriented Programming - I (Core Java)
12	T.Y.B.Sc. Computer		31126	CS -336 OBJECT ORIENTED SOFTWARE	CS-354	Foundations of Data Science
13	T.Y.B.Sc. Computer	IV	32131	CS -341 OPERATING SYSTEM	CS-361	Operating Systems – II
14	T.Y.B.Sc. Computer		32132	CS -342 COMPLIER CONSTRUCTION	CS-366	Compiler Construction
15	T.Y.B.Sc. Computer		32133	CS -343 COMPUTER NETWORKS - II	CS-352	Computer Networks – II
16	T.Y.B.Sc. Computer Science(Rev.2013)		32134	CS -344 INTERNET PROGRAMMING - II	CS-363	Web Technologies – II
17	T.Y.B.Sc. Computer		32135	CS -345 PROGRAMMING IN JAVA - II	CS-365	Object Oriented Programming - II (Advanced
18	T.Y.B.Sc. Computer Science(Rev.2013)		32136	CS -346 COMPUTER GRAPHICS	CS-364	Data Analytics

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1	M.Sc. C.S.2008 Pattern	I	101- PRINCIPLES OF PROGRAMMING LANGUAGES	CSUT111	Paradigm of Programming Language (Core)
2	M.Sc. C.S.2008 Pattern		102-OBJECT ORIENTED SOFTWARE ENGINEERING	CSUT233	Web Frameworks (Core)
3	M.Sc. C.S.2008 Pattern		103-DISTRIBUTED DATABASE CONCEPTS	CSUT113	Database Technologies (Core)
4	M.Sc. C.S.2008 Pattern		104-DESIGN & ANALYSIS OF ALGORITHMS	CSUT112	Design and Analysis of Algorithms (Core)
5	M.Sc. C.S.2008 Pattern	II	201-ADVANCED NETWORKING	CSUT122	Mobile Technologies
6	M.Sc. C.S.2008 Pattern		202-UNIX INTERNALS	CSUT121	Advanced Operating System
7	M.Sc. C.S.2008 Pattern		203-SOFTWARE ARCHITECTURE	CSUT123	Software Project Management
8	M.Sc. C.S.2008 Pattern	III	301-SOFTWARE METRICS & PROJECT MANAGEMENT	CSUT231	Software Architecture and Design Patterns (Core)
9	M.Sc. C.S.2008 Pattern		302-MOBILE COMPUTING	CSUT232	Machine Learning (Core)
10	M.Sc. C.S.2008 Pattern		303-INFORMATION SYSTEMS SECURITY	CSDT234B	Web Analytics (Optional)
11	M.Sc. C.S.2011 Pattern	I	(CS-101) PRINCIPLES OF PROGRAMMING LANGUAGES	CSUT111	Paradigm of Programming Language (Core)
12	M.Sc. C.S.2011 Pattern		(CS-102) ADVANCED NETWORKING	CSDT234B	Web Analytics (Optional)
13	M.Sc. C.S.2011 Pattern		(CS-103)DISTRIBUTED DATABASE CONCEPTS	CSUT113	Database Technologies (Core)
14	M.Sc. C.S.2011 Pattern		(CS-104) DESIGN & ANALYSIS OF ALGORITHMS	CSUT112	Design and Analysis of Algorithms (Core)
15	M.Sc. C.S.2011 Pattern	II	(CS-201) DIGITAL IMAGE PROCESSING	CSUT232	Machine Learning (Core)
16	M.Sc. C.S.2011 Pattern		(CS-202) ADVANCED OPERATING SYSTEMS	CSUT121	Advanced Operating System
17	M.Sc. C.S.2011 Pattern		(CS-203) DATA MINING AND DATA WAREHOUSING	CSDT234A	Big Data Analytics (Optional)
18	M.Sc. C.S.2011 Pattern	III	(CS-301) SOFTWARE METRICS & PROJECT MANAGEMENT	CSUT123	Software Project Management
19	M.Sc. C.S.2011 Pattern		(CS-302) MOBILE COMPUTING	CSUT122	Mobile Technologies
20	M.Sc. C.S.2011 Pattern		(CS-303) SOFT COMPUTING	CSDT124	Soft Computing (Optional)
21	M.Sc. C.S.2013 Pattern	I	(CS-101) PRINCIPLES OF PROGRAMMING LANGUAGES	CSUT111	Paradigm of Programming Language (Core)
22	M.Sc. C.S.2013 Pattern		(CS-102) ADVANCED NETWORKING	CSDT234B	Web Analytics (Optional)
23	M.Sc. C.S.2013 Pattern		(CS-103) DISTRIBUTED DATABASE CONCEPTS	CSUT113	Database Technologies (Core)
24	M.Sc. C.S.2013 Pattern		(CS-104) DESIGN & ANALYSIS OF ALGORITHMS	CSUT112	Design and Analysis of Algorithms (Core)
25	M.Sc. C.S.2013 Pattern		(CS-105) NETWORK PROGRAMMING	CSUT233	Web Frameworks (Core)
26	M.Sc. C.S.2013 Pattern	II	(CS-201) DIGITAL IMAGE PROCESSING	CSUT232	Machine Learning (Core)
27	M.Sc. C.S.2013 Pattern		(CS-202) ADVANCED OPERATING SYSTEMS	CSUT121	Advanced Operating System
28	M.Sc. C.S.2013 Pattern		(CS-203) DATA MINING AND DATA WAREHOUSING	CSDT234A	Big Data Analytics (Optional)
29	M.Sc. C.S.2013 Pattern		(CS-205) PROGRAMMING WITH DOT NET	CSDT114	Cloud computing
30	M.Sc. C.S.2013 Pattern		(CS-206) ARTIFICIAL INTELLIGENCE	CSDT114	Artificial Intelligence
31	M.Sc. C.S.2013 Pattern		(CS-207) ADVANCE DESIGN & ANALYSIS OF ALGORITHMS	CSUT231	Software Architecture and Design Patterns (Core)
32	M.Sc. C.S.2013 Pattern	III	(CS-301) SOFTWARE METRICS & PROJECT MANAGEMENT	CSUT123	Software Project Management
33	M.Sc. C.S.2013 Pattern		(CS-302) MOBILE COMPUTING	CSUT122	Mobile Technologies

34	M.Sc. C.S.2013 Pattern		(CS-303) SOFT COMPUTING	CSDT124	Soft Computing (Optional)
35	M.Sc. C.S.2013 Pattern		(CS-305) WEB SERVICES	CSDT114	Web Services
36	M.Sc. C.S.2013 Pattern		(CS-306) DATABASE & SYSTEM ADMINISTRATION	-	-
37	M.Sc. C.S.2013 Pattern		(CS-307) FUNCTIONAL PROGRAMMING	-	-
38	M.Sc. C.S.2013 Pattern		(CS-308) BUSINESS INTELLIGENCE		
39	M.Sc. C.S.2013 Pattern	IV	(CS-402) PARALLEL COMPUTING	-	-
40	M.Sc. C.S.2013 Pattern		(CS-403) EMBEDDED SYSTEM	-	-
41	M.Sc. C.S.2013 Pattern		(CS-404) SOFTWARE QUALITY ASSUARANCE	-	-
42	M.Sc. C.S.2013 Pattern		(CS-405) MODELING AND SIMULATION	-	-