



PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ACADEMIC YEAR 2015-16
M.E (CSE) LIST OF COURSES

SEMESTER	SL. No.	COURSE CODE	COURSE TITLE	L	T	P	C
I	1.	MA7155	Applied Probability and statistics	3	1	0	4
I	2.	CP7101	Design and Management of Computer Networks	3	0	0	3
I	3.	CP7102	Advanced Data structures and Algorithms	3	0	0	3
I	4.	CP7103	Multicore Architectures	3	0	0	3
I	5.	CP7004	Elective 1 -Image Processing and Analysis	3	0	0	3
I	6.	CP7007	Elective 2-Software Requirement Engineering	3	0	0	3
I	7.	CP7111	Advanced Data Structures lab	0	0	4	2
I	8.	CP7112	Case study - Network Design	0	0	2	1
TOTAL				18	1	6	22

SEMESTER II

SEMESTER	SL. No.	COURSE CODE	COURSE TITLE	L	T	P	C
II	1.	CP7201	Theoretical Foundation of Computer Science	3	1	0	4
II	2.	CP7202	Advanced Languages	3	0	0	3
II	3.	CP7203	Principles of Programming Languages	3	0	0	3
II	4.	CP7204	Advanced Operating system	3	0	0	3
II	5.	NE7202	Elective III-Network and Information Security	3	0	0	3
II	6.	NE7005	Elective IV-Protocols and Architecture of Wireless sensor networks	3	0	0	3
II	7.	CP7211	Advanced Database Lab	0	0	4	2
II	8.	CP7212	Case study - Operating system Design	0	0	2	1
TOTAL				18	1	6	22

SEMESTER III

SEMESTER	SL. No.	COURSE CODE	COURSE TITLE	L	T	P	C
III	1.	CP7301	Software Process and Project Management	3	1	0	4
III	2.	CP7019	Elective V-Managing Big Data	3	0	0	3
III	3.	CP7026	Elective VI-Software Quality Assurance	3	0	0	3
III	4.	CP7029	Elective VII- Information Storage Management	3	0	0	3
III	5.	CP7311	Project Work (phase I)	0	0	12	6
TOTAL				12	1	12	19

SEMESTER IV

SEMESTER	SL. No.	COURSE CODE	COURSE TITLE	L	T	P	C
IV	1.	CP7411	Project Work (phase II)	0	0	24	12
TOTAL				0	0	24	12

TOTAL NO OF CREDITS: 75

V. R. K.
HOD

PLN
PRINCIPAL

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