

**MANGAYARKARASI COLLEGE OF ARTS AND SCIENCE FOR WOMEN
PARAVAI, MADURAI
SYLLABUS**

DEPARTMENT OF COMPUTER SCIENCE – M.SC(CS&IT)				
I - SEMESTER PAPERS				
S.NO	SUBJECT CODE	SUBJECT NAME	THEORY HRS	LAB HRS
1	ECT8C11	Mathematical Foundations	5	–
2	ECT 8C12	Digital Principle and Computer Organisation	5	–
3	ECT8C13	Data Structures and Algorithms	5	–
4	ECT8C14	Structured System Analysis and Design	5	–
5	ECT8CIP	Lab 1:Programming with C lab	–	5
6	ECT8C1Q	Lab 2:Unix and shell Programming Lab	–	5
II- SEMESTER PAPERS				
S.NO	SUBJECT CODE	SUBJECT NAME	THEORY HRS	LAB HRS
1	ECT8C21	Database Management System	5	–
2	ECT8C22	Data Communications and Networks	5	–
3	ECT8C23	Operating Systems	5	–
4	ECT8T21	Major Elective I-Mobile Computing	5	–
5	ECT8C2P	Lab 3:java Programming Lab	–	5
6	ECT8C2Q	Lab 4:Client Server Lab	–	5

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III - SEMESTER PAPERS				
S.NO	SUBJECT CODE	SUBJECT NAME	THEORY HRS	LAB HRS
1		Object Oriented Analysis and Design	5	–
2		Software Engineering	5	–
3		Major Elective II-Security in Computing	4	–
4		Non Major Elective-E-Commerce Internet and Web Programming-(OM)	6	–
5		Lab 5:Web Design Lab	–	5
6		Lab 6:DOT NET Lab	–	5