

BHARATHIAR UNIVERSITY, COIMBATORE.
M. Sc. INFORMATION TECHNOLOGY DEGREE COURSE WITH COMPULSORY
DIPLOMA IN OPEN SYSTEMS

(Affiliated Colleges - Effective from the academic Year 2008-2009)

SCHEME OF EXAMINATIONS – CBCS PATTERN

Sem	Study Components	Course title	Ins. hrs/ week	Examinations				Credit
				Dur.	CIA	Marks	Total Marks	
	Semester I							
I	Paper I	Object Oriented Analysis and Design	4	3	25	75	100	4
	Paper II	Advanced Computer Architecture	5	3	25	75	100	4
	Paper III	Advanced Java Programming	5	3	25	75	100	4
	Paper IV	Distributed Computing	4	3	25	75	100	4
	Paper V	Information Coding Techniques	4	3	25	75	100	4
	Practical I	Advanced Java Lab	5	3	40	60	100	6
	Elective /Dip. Paper I	Introduction to Open Source Tools	3	3	25	75	100	3
II	Paper VI	Programming in C# and .NET Framework	5	3	25	75	100	4
	Paper VII	Multimedia Systems	5	3	25	75	100	4
	Paper VIII	Network Security and Management	5	3	25	75	100	4
	Paper IX	Special Elective I	6	3	25	75	100	4
	Practical II	C# & .Net Programming Lab	6	3	40	60	100	6
	Elective / Dip. Paper II	Introduction to Open Source Environment	3	3	25	75	100	3
III	Paper X	Embedded Systems	5	3	25	75	100	4
	Paper XI	Component Based Systems	5	3	25	75	100	4
	Paper XII	Web Services	5	3	25	75	100	4
	Paper XIII	Special Elective II	5	3	25	75	100	4
	Practical III	Computing Tools and Web Programming Lab	4	3	40	60	100	6
	Elective /Dip. Paper III	Advanced Programming in Open Source - PHP	3	3	25	75	100	3
	Elective /Dip. Paper IV	Web Application in PHP Programming-lab	3	3	40	60	100	3
IV	Project work and Viva voce		-	-	-	-	200*	8
	Total						2200	90

* Project report - 160 marks; Viva-voce – 40 marks

SPECIAL ELECTIVE – I FOR II SEM.

E.1.1. Data Mining and Warehousing

E.1.2. Digital Image Processing

E.1.3. Artificial Intelligence

SPECIAL ELECTIVE – II FOR III SEM

E.2.1 Software Project Management

E.2.2. E-Commerce

E.2.3. WAP

Note: The syllabi for the above papers be the same as prescribed for the academic year 2007-08