

BHARATHIAR UNIVERSITY:: COIMBATORE-641 046

**B.Sc. INFORMATION TECHNOLOGY**

(For the students admitted from the academic year 2010-2011 and onwards)

**SCHEME OF EXAMINATION - CBCS PATTERN**

Part	Study Components	Course title	Ins. hrs/ week	Examinations				Credit
				Dur.Hrs	CIA	Marks	Total Marks	
	<b>Semester I</b>							
I	Language – I		6	3	25	75	100	4
II	English – I		6	3	25	75	100	4
III	Core 1: Data Structures and C Programming		4	3	25	75	100	4
	Core 2: Computer Organization and Architecture		4	3	25	75	100	4
	Core Lab 1: C Programming Using Data Structures		3	3	40	60	100	4
	Allied 1: Mathematical Foundations For Computer Science		5	3	25	75	100	4
IV	Environmental Studies #		2	3	-	50	50	2
	<b>Semester II</b>							
I	Language – II		6	3	25	75	100	4
II	English – II		6	3	25	75	100	4
III	Core 3: Object Oriented Programming with C++		5	3	25	75	100	4
	Core Lab 2: Object Oriented Programming With C++		4	3	40	60	100	4
	Core Lab 3: Programming Lab – Internet Basics		2	3	20	30	50	2
	Allied 2: Computer Oriented Numerical & Statistical Methods		5	3	25	75	100	4
IV	Value Education – Human Rights #		2	3	-	50	50	2
	<b>Semester III</b>							
	Core 4: System Software and Operating System		6	3	25	75	100	4
III	Core 5: Java Programming		6	3	25	75	100	4
III	Core Lab 3: Programming Lab JAVA		5	3	40	60	100	4
III	Allied 3: Microprocessor and ALP		6	3	25	75	100	4
IV	Skill based Subject I- Introduction to Web Design and Applications		5	3	20	55	75	3
IV	Tamil @ / Advanced Tamil# (OR) Non-major elective - I (Yoga for Human Excellence)# / Women's Rights#		2	3	50	50	50	2

<b>Semester IV</b>							
III	Core 6: Principles of Data Communications and Networks	6	3	25	75	100	4
	Core 7: Client/ Server Computing	6	3	25	75	100	4
	Core Lab 4: Network Lab	6	3	40	60	100	4
	Allied 4: Embedded Systems	6	3	25	75	100	4
IV	Skill based Subject 2 - LAB : HTML,XML, JAVA Scripts	4	3	30	45	75	3
IV	Tamil @ /Advanced Tamil # (OR) Non-major elective -II (General Awareness #)	2	3	50		50	2

Note :

1. The Syllabus for the above papers (except Core Lab 3: Programming Lab –Internet Basics) be the same as prescribed for the academic year 2008-09.
2. The syllabus for the Core Lab 3: Programming Lab –Internet Basics is furnished below :

### **Core Lab 3: Programming Lab –Internet Basics**

#### List of Practical

- 1.To create an email-id.
- 2.To compose and send a mail.
- 3.To forward a mail and to reply for a mail.
- 4.To send a mail with an attachment.
- 5.To download the attached document of a mail received.
- 6.To send a mail to a large number of recipients using cc and bcc options.
- 7.To search a thing using a search engine.
- 8.To open and read newspaper sites, TV programmes schedules using Internet.
- 9.To verify a university /college details by opening their websites.
- 10.To upload your resume with any one job portal.