

BHARATHIAR UNIVERSITY::COIMBATORE-641 046

**B.Sc. COMPUTER SCIENCE AND APPLICATIONS**

(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.Hr	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: COBOL Programming		4	3	25	75	100	4
	Core 2: Digital Fundamentals and Architecture		4	3	25	75	100	4
	Core Lab 1: Programming Lab - COBOL		3	3	40	60	100	4
	Allied 1: Discrete Mathematics		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: Data Structures and C Programming		5	3	25	75	100	4
	Core Lab 2: Programming Lab – C (Data Structures)		4	3	40	60	100	4
	Core Lab 3: Programming Lab – Internet Basics		2	3	20	30	50	2
	Allied 2: Computer–Based Optimization Techniques		5	3	25	75	100	4
IV	Value Education – Human Rights #		2	3	-	50	50	2
<b>SEMESTER III</b>								
	Core 4: Operating Systems		6	3	25	75	100	4
III	Core 5: C++ Programming		6	3	25	75	100	4
III	Core Lab 3: Programming Lab - C++		5	3	40	60	100	4
III	Allied 3: Management Information Systems		6	3	25	75	100	4
IV	Tamil @ / Advanced Tamil# (OR) Non-major elective - I (Yoga for Human Excellence)# / Women’s Rights#		2	3	50		50	2
IV	Skill based Subject-I-Multimedia		5	3	20	55	75	3
<b>SEMESTER IV</b>								
III	Core-6: Computer Graphics		6	3	25	75	100	4
	Core-7: Multimedia and its Applications		6	3	25	75	100	4
	Core Lab-4: Programming Lab – Graphics using C		6	3	40	60	100	4
	Allied-4: Business Accounting		6	3	25	75	100	
IV	Tamil @ /Advanced Tamil # (OR) Non-major elective -II (General Awareness #)		2	3	50		50	2
IV	Skill based Subject 2 - Multimedia Lab - Photoshop		4	3	20	55	75	3

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 2009-10.
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.