

BHARATHIAR UNIVERSITY::COIMBATORE-641 046

B.Sc. SOFTWARE SYSTEM

(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 | |
| Semester I | | | | | | | | |
| 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: Digital Fundamentals and Architecture | | 4 | 3 | 25 | 75 | 100 | 4 |
| | Core Lab 1: C Programming Using Data Structures | | 3 | 3 | 40 | 60 | 100 | 4 |
| | Allied 1: Computer Oriented Numerical and Statistical Methods | | 5 | 3 | 25 | 75 | 100 | 4 |
| IV | Environmental Studies # | | 2 | 3 | - | 50 | 50 | 2 |
| Semester II | | | | | | | | |
| 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: Programming Lab in C++ | | 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 |
| Semester III | | | | | | | | |
| | Core 4: 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: Business Accounting | | 6 | 3 | 25 | 75 | 100 | 4 |
| IV | Skill based Subject I - Multimedia & its 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 |

| Semester IV | | | | | | | |
|--------------------|---|---|---|----|----|-----|---|
| III | Core 6: Visual Programming - Visual Basic | 6 | 3 | 25 | 75 | 100 | 4 |
| | Core 7: Software Engineering | 6 | 3 | 25 | 75 | 100 | 4 |
| | Core Lab 4: Programming Lab - Visual Basic | 6 | 3 | 40 | 60 | 100 | 4 |
| | Allied 4: Management Information Systems | 6 | 3 | 25 | 75 | 100 | 4 |
| IV | Skill based Subject 2 - Multimedia Lab | 4 | 3 | 30 | 45 | 75 | 3 |
| IV | Tamil @ / Advanced Tamil# (OR) Non-major elective-II General Awareness)# | 2 | 3 | 50 | 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,TVprogrammes schedules using Internet.
- 9.To verify a university /college details by opening their websites.
- 10.To upload your resume with any one job portal.