

**NIRMALA COLLEGE FOR WOMEN (Autonomous), COIMBATORE.**

**M.Sc., COMPUTER SCIENCE**

**SCHEME OF EXAMINATIONS – CBCS PATTERN**

(FOR THE CANDIDATES ADMITTED DURING JUNE-2014 ONWARDS)

SEM	CODE	TITLE OF THE PAPER	INS HRS	CP	EXAM DUR	MARKS		MAX MARKS
						CIA	ESE	
I	14PCS1C01	CORE PAPER – I ADVANCED COMPUTER ARCHITECTURE	6	4	3	40	60	100
	14PCS1C02	CORE PAPER – II ANALYSIS AND DESIGN OF ALGORITHMS	6	4	3	40	60	100
	14PCS1C03	CORE PAPER – III OBJECT ORIENTED ANALYSIS AND DESIGN & C++	6	5	3	40	60	100
	14PCS1E01	ELECTIVE - I	6	4	3	40	60	100
	14PCS1P01	LAB – I DATA STRUCTURES USING C++ AND CASE TOOLS	6	5	3	40	60	100
II	14PCS2C04	CORE PAPER – IV DATA COMMUNICATION AND NETWORKS	5	5	3	40	60	100
	14PCS2C05	CORE PAPER – V ADVANCED OPERATING SYSTEMS	5	4	3	40	60	100
	14PCS2C06	CORE PAPER – VI INTERNET AND JAVA PROGRAMMING	5	5	3	40	60	100
	14PCS2E02	ELECTIVE PAPER – II	5	4	3	40	60	100
	14PCS2E03	ELECTIVE PAPER – III	5	4	3	40	60	100
	14PCS2P02	LAB – II INTERNET AND JAVA PROGRAMMING	5	5	3	40	60	100
III	14PCS3C07	CORE PAPER – VIII ADVANCED DATABASE CONCEPTS	5	5	3	40	60	100
	14PCS3C08	CORE PAPER – IX CYBER SECURITY	5	5	3	40	60	100
	14PCS3C09	CORE PAPER – X DOT NET PROGRAMMING	5	5	3	40	60	100
	14PCS3C10	CORE PAPER – XI DIGITAL IMAGE PROCESSING	5	5	3	40	60	100
	14PCS3E04	ELECTIVE PAPER – IV	5	4	3	40	60	100
	14PCS3P03	LAB – III DOT NET PROGRAMMING AND OPEN SOURCE	5	5	3	40	60	100

IV		PROJECT AND VIVA VOCE	-	12	3	50	50	100
TOTAL				<b>90</b>	-	-	-	<b>1800</b>

Project report - 50 marks Viva Voce – 50 marks

### **SEMESTER I**

#### **ELECTIVE-I**

E.1.1.SOFTWARE PROJECT MANAGEMENT

E.1.2. MULTIMEDIA TECHNOLOGY

E.1.3. WEB SERVICES

### **SEMESTER II**

#### **ELECTIVE-II**

E.2.1.PARALLEL PROCESSING AND DISTRIBUTED COMPUTING

E.2.2 EMBEDDED SYSTEMS

E.2.3. WIRELESS APPLICATION PROTOCOL

#### **ELECTIVE-III**

E.3.1. DATA MINING AND DATA WAREHOUSING

E.3.2. NEURAL NETWORKS & FUZZY LOGIC

E.3.3. INFORMATION RETRIEVAL SYSTEMS

### **SEMESTER III**

#### **ELECTIVE-IV**

E.4.1 ARTIFICIAL INTELLIGENCE & EXPERT SYSTEMS

E.4.2.MOBILE COMPUTING

E.4.3 ADVANCED COMPUTING

