

B.Sc. DEGREE COURSE COMPUTER SCIENCE

FIRST SEMESTER

SUBJECTS	CREDITS	EXAM HRS	MAX. MARKS		
			External	Internal	TOTAL
PART I LANG.PAPER I	3	3	75	25	100
PART II ENGLISH PAPER I	3	3	75	25	100
PART III Programming in C	4	3	75	25	100
PART III Practical – I : Programming in C .	4	3	60	40	100
Allied – Paper – I Mathematics – I	5	3	75	25	100
PART IV 1.(a) Not studied Tamil upto xii std., - shall take tamil comprising of two courses (level VI std.,) (b) Studied Tamil upto xii std. – taken Non-Tamil under Part – I shall take advance Tamil comprising of two courses. 9c) Others who do not comes under a & b can choose non-major elective comprising of two courses. 2. Skill based subject (Elective) (Soft Skills)			75	25	100

SECOND SEMESTER

SUBJECTS	CREDITS	EXAM HRS	MAX. MARKS		
			External	Internal	TOTAL
PART I LANG.PAPER-I I	3	3	75	25	100
PART II ENGLISH PAPER - I I	3	3	75	25	100
PART III Digital Electronics and Microprocessor	4	3	75	25	100
PART III Practical II - Digital Electronics & Microprocessors Lab	4	3	60	40	100
Allied – Paper – II Mathematics - II	5	3	75	25	100
PART IV 1.(a) Not studied Tamil upto xii std., - shall take tamil comprising of two courses (level VI std.,) (b) Studied Tamil upto xii std. – taken Non-Tamil under Part – I shall take advance Tamil comprising of two courses. 9c) Others who do not comes under a & b can choose non-major elective comprising of two courses. 2. Skill based subject (Elective) (Soft Skills)			75	25	100

THIRD SEMESTER

Course Component	SUBJECTS	Credits	Exam Hrs.	MAX.MARKS		
				Ext. Marks	Int. Marks	Total
PART I	LANG. PAPER III	3	3	75	25	100
PART II	ENGLISH PAPER III	3	3	75	25	100
PART III	Paper – V - Programming in C++ and Data Structures	4	3	75	25	100
PART III	Paper – VI Practical – III : Data Structures using C++	4	3	60	40	100
Allied –II Paper – I		5	3	75	25	100
PART IV 2. Soft Skill – III		3	3	60	40	100
3. Environmental Studies				Examination will be held in IV Semester		

FOURTH SEMESTER

	SUBJECTS	Credits	Exam Hrs.	MAX.MARKS		
				Ext. Marks	Int. Marks	Total
PART I	LANG.PAPER-IV	3	3	75	25	100
PART II	ENGLISH PAPER –IV	3	3	75	25	100
PART III -	Paper – VII Programming in JAVA	4	3	75	25	100
PART III –	Paper - VIII - ractical – IV Java Programming Lab	4	3	60	40	100
Allied–II Paper – II		5	3	75	25	100
PART IV 2.Soft Skill–IV		3	3	60	40	100
3. Environmental Studies		2	3	75	25	100

FIFTH SEMESTER

	SUBJECTS	Credits	Exam Hrs.	MAX.MARKS		
				Ext. Marks	Int. Marks	Total
Part III	Paper - IX Operating systems	4	3	75	25	100
Part III	Paper - X - Database Management Systems	4	3	75	25	100
Part III	Paper - XI - Computer Architecture and Organization	4	3	75	25	100
Part III	Paper - XII Practical – V : RDBMS LAB	4	3	60	40	100
	Elective – I	5	3	75	25	100
PART -IV 4. Value Education		2				

SIXTH SEMESTER

	SUBJECTS	Credits	Exam Hrs.	MAX.MARKS		
				Ext. Marks	Int. Marks	Total
Part III	Paper - XIII - Data Communication and Networking	4	3	75	25	100
Part III	Paper - XIV - Web Technology	4	3	75	25	100
Part III	Paper - XV - Practical – VI Web Applications LAB	4	3	60	40	100
	Elective – II	5	3	75	25	100
	Elective – III	5	3	75	25	100
PART- V Extension Activities		1				

SIXTH SEMESTER

Elective – I

Visual Programming / RDBMS with ORACLE / Unix Programming

Elective - II

Data Mining / Software Testing / Object Oriented Analysis and Design

Elective - III

Client Server Computing /Computer Graphics/ Software Engineering

One of the following allied shall be chosen for Allied – II

- (a) Physics (b) Statistical Methods and their applications