

PARK'S COLLEGE – TIRUPPUR

Department of Computer Science

Scheme of Curriculum for B.Sc. Computer Science based on CBCS 2016-2017 onwards

Sem	Part	Type	Sub. Code	Subject & Paper	HRS per week	CIA	ESE	Max mark	Exam Hours	Credit
I	I	L1		LANGUAGE PAPER I	5	25	75	100	3	3
	II	E1		ENGLISH PAPER I	5	25	75	100	3	3
	III	C1		C PROGRAMMING	4	25	75	100	3	5
	III	CP1		C PROGRAMMING LAB	3	40	60	100	3	5
	III	C2		DIGITAL FUNDAMENTALS AND COMPUTER ORGANIZATION	4	25	75	100	3	5
	III	AL1		MATHEMATICS-I (MATHEMATICAL STRUCTURE FOR COMPUTER SCIENCE)	5	25	75	100	3	5
	IV	FCA		GENERAL AWARENESS	2	----	50	50	3	1
	IV	FCD		SOFTSKILLS	2	----	----	----	----	----
II	I	L2		LANGUAGE PAPER II	5	25	75	100	3	3
	II	E2		ENGLISH PAPER II	5	25	75	100	3	3
	III	C3		OBJECT ORIENTED PROGRAMMING WITH C++	4	25	75	100	3	5
	III	CP2		C++ PROGRAMMING LAB	3	40	60	100	3	5
	III	C4		FUNDAMENTALS OF DATA STRUCTURES USING C++	4	25	75	100	3	5
	III	AL2		MATHEMATICS- II (PROBABILITY & STATISTICS)	5	25	75	100	3	5
	IV	FCB		HUMAN RIGHTS AND CONSTITUTION OF INDIA	2	-	50	50	3	1
		FCD		SOFTSKILLS	2	----	----	----	----	----
III	III	C5		JAVA PROGRAMMING	6	25	75	100	3	5
	III	CP3		JAVA PROGRAMMING LAB	4	40	60	100	3	5
	III	C6		OPERATING SYSTEMS	5	25	75	100	3	5
	III	AL3		MATHEMATICS-III DISCRETE MATHEMATICS	5	25	75	100	3	5
	IV	SB1		MULTIMEDIA AND ITS APPLICATIONS	6	25	75	100	3	2
	IV	OL		OTHER LANGUAGE-I	2	25	75	100	3	2
	IV	FCD		SOFTSKILLS	2	----	----	----	----	----

Sem	Part	Type	Sub. Code	Subject & Paper	HRS per week	CI A	ESE	Max mark	Exam Hours	Credit
IV	III	C7		RELATIONAL DATABASE MANAGEMENT SYSTEM	6	25	75	100	3	5
	III	CP4		RDBMS LAB	4	40	60	100	3	5
	III	AL4		BUSINESS ACCOUNTING	6	25	75	100	3	5
	IV	SBP2		TALLY LAB	4	40	60	100	3	2
	IV	SB3		SOFTWARE ENGINEERING	6	25	75	100	3	2
	IV	OL		OTHER LANGUAGE-II	2	25	75	100	3	2
	IV	FCD		SOFTSKILLS	2	----	----	----	----	----
	V	EA		EXTENSION ACTIVITIES	-----	-----	-----	-----	-----	-----
V	III	C8		WEB TECHNOLOGY	6	25	75	100	3	5
	III	CP5		WEB DESIGNING LAB	4	40	60	100	3	5
	III	E1 1		ELECTIVE – I	5	25	75	100	3	4
	IV	SB4		COMPUTER NETWORKS	5	25	75	100	3	2
	IV	SB5		MICROPROCESSOR ARCHITECTURE & APPLICATIONS	6	25	75	100	3	2
	IV	FCC		ENVIRONMENTAL STUDIES	2	-	50	50	3	1
	IV	FCD		SOFTSKILLS	2	----	----	----	----	----
VI	III	C9		VB. NET PROGRAMMING	6	25	75	100	3	5
	“	CP6		VB. NET PROGRAMMING LAB	4	40	60	100	3	5
	”	E1 2		ELECTIVE II	6	25	75	100	3	4
	“	E1 3		ELECTIVE III : PROJECT & VIVA VOCE	6	20	80	100	----	4
	IV	SB6		CRYPTOGRAPHY AND NETWORK SECURITY	6	25	75	100	3	2
	IV	FCD		SOFTSKILLS	2	-	50	50	3	2
				TOTAL	180			3600		140

SEMESTER V: ELECTIVE I

- A. CLOUD COMPUTING**
- B. DATA MINING AND WAREHOUSING**
- C. DIGITAL IMAGE PROCESSING**

SEMESTER VI: ELECTIVE II

- A. SOFTWARE PROJECT MANAGEMENT**
- B. SOFTWARE TESTING**
- C. CLIENT / SERVER TECHNIQUES**

OTHER PAPERS OFFERED BY THE DEPARTMENT TO EARN EXTRA CREDITS

1. MOBILE COMPUTING

2. ARTIFICIAL INTELLIGENCE AND EXPERT SYSTEMS

Subject		Marks	Credits
Part I		200	6
Part II		200	6
Part III	Core/Project/Elective	1800	87
	Allied	400	20
Part IV	Skill Based	600	12
	Other Language	200	4
	Value Based	200	5
Part V	Extension	Grade Only	0
Total		3600	140