SACRED HEART COLLEGE (AUTONOMOUS)

Tirupattur – 635 601, Tamil Nadu, S.India

Ready for Everv Good Work

Resi : (04179) 220103
College : (04179) 220553
Fax : (04179) 226423

A Don Bosco Institution of Higher Education, Founded in 1951 * Affiliated to Thiruvalluvar University, Vellore * Autonomous since 1987
Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31 / 4 at 'A+' Grade

BCA

Sem	Subject Code	Part	Subject	L	P	CD	CA	SEM
I	LT114	I	Tamil – I	5		3	50	50
	LE115BT	II	English – I	5		2	50	50
	CE103	II	Communicative English - I			1	50	50
	AM114D	III	Mathematical Foundations – I	6		4	50	50
	CA107	III	Digital Computer Fundamentals	4		4	50	50
	CA108	III	Internet Concepts and Web Design	4		4	50	50
	PCA104	III	Practical - I : Internet Concepts and Web Design		2	2	50	50
	SK104	IV	Communication Skills	2		1	-	100
	VE105B / VE105A	IV	Value Education - I / Christian Religion - I	2		1	-	100
	LE115BP		English Lab - I			1	-	100
				28	**2**	**23**		
II	LT214	I	Tamil – II	5		3	50	50
	LE215BT	II	English – II	5		2	50	50
	CE203	II	Communicative English - II			1	50	50
	AM214D	III	Mathematical Foundations – II	6		4	50	50
	CA207	III	Programming with C	4		4	50	50
	CA208	III	Operating System	4		4	50	50
	PCA204	III	Practical-II: Programming with C		2	2	50	50
	SK204	IV	Leadership Skills	2		1	-	100

	VE205B / VE205A	IV	Value Education - II / Christian Religion – II	2		1	-	100
	LE215BP		English Lab – II			1	-	100
				28	**2**	**23**		

Sem	Subject Code	Part	Subject	L	P	CD	CA	SEM
III	CA312	III	Computer Networks	4		4	50	50
	CA313	III	Programming with JAVA	4		3	50	50
	CA314	III	Data Structures using C	4		4	50	50
	AC309	III	Allied – Financial Accounting - I	6		4	50	50
	CA315A/B/C	III	Discipline Specific Elective I	4		3	50	50
	PCA306	III	Practical -III - Data Structures using C		2	2	50	50
	PCA307	III	Practical-IV: Programming with JAVA		2	2	50	50
	SK304	IV	Technical Skills	2		1	-	100
	VE306	IV	Human Rights	2		1	-	100
		VI	Certificate Course - I #			2#		
				26	4	**24**+**2#**		
IV	CA412	III	Software Engineering	4		4	50	50
	CA413	III	Enterprise Applications using .NET	4		3	50	50
	CA414	III	Relational Database Management System	4		4	50	50
	AC411	III	Allied – Financial Accounting - II	6		4	50	50
	CA415	III	Emerging Computing Paradigms	4		3	50	50
	PCA406	III	Practical – V: Enterprise Applications using .NET		2	2	50	50
	PCA407	III	Practical–VI: Relational Database Management System		2	2	50	50
	SK404	IV	Employability Skills	2		1	-	100

Sub	Part	Subject	L	P	CD	CA	SEM
VE406	IV	Environmental Science	2		1	-	100
CO-DED	V	Outreach Programme			2		
C0-SHE	V	Groups and Movements			2		
	VI	Certificate Course – II#			2#		
			26	**4**	**28 + 2#**		

Sem	Subject Code	Part	Subject	L	P	CD	CA	SEM
V	CA514	III	Software Testing and Quality Assurance	4		4	50	50
	CA515	III	Computer Graphics	4		4	50	50
	CA516	III	Enterprise Applications using JAVA	5		4	50	50
	CA517	III	Programming with Python	5		4	50	50
	PCA505	III	Practical - VII - Enterprise Applications using JAVA		6	4	50	50
	PCA506	III	Practical - VIII - Programming with Python		4	4	50	50
	NCA504	IV	Non-Major Elective I: Introduction to Information Technology	2		1	-	100
		VI	<mark>Self-Study Paper I- Inplant Training*</mark>	-		1*		
				20	**10**	**25 + 1***		
VI	CA612	III	Cloud Computing	4		4	50	50
	CA613	III	Mobile Application Development	5		4	50	50
	CA614	III	Web Programming using PHP	5		5	50	50
	CA615A/B/C	III	Discipline Specific Elective II	4		3	50	50
	PCA608J	III	<mark>Project Work</mark>		6	4	-	100
	PCA607	III	Practical IX - Mobile Application Development and PHP		4	4	50	50
	NCA604	IV	Non-Major Elective – II:	2		1	-	100

		Multimedia				
	VI	Self-Study Paper II: NPTEL*	-		1*	
			20	**10**	**25+1***	

B. Com (CA) Allied course

SEMESTER	PART	SUBJECT	L	P	CD
I	III	Office Automation	4		3
	III	Practical -I: Office Automation		2	1
II	III	Internet Concepts and Web Design	4		3
	III	Practical -II: Internet Concepts and Web Design		2	1
III	III	Programming with C	4		3
	III	Practical -III: Programming with C		2	1
IV	III	Relational Database Management System	4		3
	III	Practical -IV: Relational Database Management System		2	1
V	III	Computer Organization	4		4
	III	Web Programming Using PHP	4		4
	III	Practical -V: Web Programming Using PHP		2	2
VI	III	Management Information System	4		4
		TOTAL	**28**	**10**	**30**

PROJECT WORK

OBJECTIVE

- To practice the Software Development Life Cycle (SDLC) in an application or system domain.

i. General Regulations

1) The project work report must be original. Photocopies are not accepted.
2) In the course of project development each student must have regular consultation with guides and these consultations must be recorded. The consultation is meant to review the candidate progress, besides the advising the candidate on any project issues. During each consultation the candidate must submit, the intermediate deliverables to the project guide for review. The deliverable will be assessed and marks will be allocated during the final project presentation.
3) Each consultation report must reflect the detailed tasks completed for the period, the problems encountered in the course of the project, how the candidate resolved them and the plan for the next phase.
4) A minimum of five consultations throughout the project is essential to accept the project for the final evaluation.
5) Two copies of the project are to be submitted at the prescribed time announced by the department.
6) A student shall be declared to be successful in the project if s/he secures 40% or above in the semester examination and 40% or above in the aggregate of CA and the semester examination. If the candidate fails, he/she has to improve his/her project and s/he has to resubmit in the following.
7) Viva-voce is compulsory for all candidates who have submitted the project work. If a candidate is absent for viva voce, and then his absence is treated as absence for the semester examinations.
8) The students who fail in the project work will have to redo the whole project again.
9) Combined projects are not allowed.

ii.   Evaluation

CA (Continuous Assessment)		**50 Marks**
First Review First Review should cover the following artifacts 1. Requirement analysis 2. Design	25 Marks	
Second Review Second Review should cover the following artifacts 1. Implementation 2. Testing	25 Marks	

	Total	50 Marks	
Semester			**50 Marks**
	Evaluation of Project Work	20 Marks	
	Demo	10 Marks	
	Presentation	10 Marks	
	Viva Voce	10 Marks	
	Total	**50 Marks**	**100 Marks**

Two examiners will evaluate the project report separately and average is calculated for the final semester mark.