Sadakathullah Appa College

(Autonomous)
(Reaccredited by NAAC at an 'A' Grade. An ISO 9001:2015 Certified Institution)
RAHMATH NAGAR, TIRUNELVELI- 11, TAMIL NADU

DEPARTMENT OF INFORMATION TECHNOLOGY

SYLLABUS

For

B.SC. Information Technology

(Applicable for students admitted in June 2021 and onwards)

B.Sc. (Information Technology) (2021-2024) CBCS Syllabus
(Applicable for students admitted in June 2021 onwards)
TITLE OF THE PAPERS, CREDITS & MARKS

P	SUB	Title of the paper	S.CODE	H/W	C	MARKS		
						I	E	T
I SEMESTER								
I		Language(T/A)		6	3			
II		Communicaive English I		6	3			
III	Core I	Programming in C		4	4			
	Core II	Computer and its Applications		4	4			
	P - I	Programming in C Practicals		2	1			
	Allied – I/1	Office Tools		4	3			
	Allied – I/1P	Office Tools Practicals		2	1			
IV		AECC I – Value Education		2	2			
				30	**21**			
II SEMESTER								
I		Language(T/A)- II		6	3			
II		Communicaive English II		6	3			
III	Core III	Object Oriented Programming with C++		4	4			
	Core IV	Digital Principles and System Architecture		4	4			
	P- II	Object Oriented Programming with C++ Practicals		2	1			
	Allied – I/2	Web Designing Tools		4	3			
	Allied – I/2P	Web Designing Tools Practicals		2	1			
IV	AECC II	Environmental Studies		2	2			
			TOTAL	**30**	**21**			
III SEMESTER								
III	Core V	Programming in Java		4	4			
	Core VI	Data Structures		4	4			
	Core VII	Operating System		4	4			
	P III	Programming in JavaPracticals		4	2			
	P IV	Data Structures Practicals		2	1			
	Allied – II/I	Desktop Publishing		4	3			
	Allied – II/IP	Desktop Publishing Practicals		2	1			
IV	SEC I	Web Development with jquery		2	2			
	SEC II	(MOOC) BootStrap		2	2			
	NME	Photo Editing Tool		2	2			
			TOTAL	**30**	**25**			

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P	SUB	Title of the paper	S.CODE	H/W	C	MARKS		
						I	E	T
IV SEMESTER								
III	Core VIII	RDBMS with Oracle		4	4			
	Core IX	PYTHON Programming		4	4			
	Core X	Java Script		4	4			
	P V	RDBMS with Oracle Practicals		4	2			
	P VI	PYTHON Programming Practicals		2	1			
IV	Allied II/2	Computer Networks		4	3			
	Allied II/2P	Computer Networks Practicals		2	1			
V	SEC III	Soft Skills		2	2			
	SEC - IV	E commerce		2	2			
	NME II	Doccument Creation Tools		2	2			
		TOTAL		**30**	**29**			

P	SUB	Title of the paper	S.CODE	H/W	C	MARKS		
						I	E	T
V SEMESTER								
III	Core XI	Computer Graphics and Multimedia		5	4			
	Core XII	DOT Net Programming		4	4			
	Core XII	Data Mining		4	4			
	P VII	Computer GraphicsPracticals		4	2			
	P VIII	Dot Net Programming		4	2			
	DSE I	Artificial Intelligence Robotics Desing Analysis and Algorithm		4	3			
IV	DSE II	Cloud Computing Data Analytics J2EE		4	3			
		Library Reading Hour		1	-			
		TOTAL		**30**	**22**			
VI SEMESTER								
III	Core XIV	Mobile Application Development		4	4			
	Core XV	PHP Programming		4	4			
	Core XVI	Software Engineering		4	4			
	P IX	Mobile Application Development Practicals		4	2			
	P X	PHP Programming Practicals		4	2			
	DSE III	Internet Of Things Virtual Reality		4	3			

		Embedded System						
IV	DSE IV	Project		4+4	6			
	SEC V	Cyber Security		2	2			
			TOTAL	**30**	**27**			

% of New Courses – 700/4900 * 100 = 14.28%