Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for Women (Autonomous)

Owned and Managed by Cork Industries Charities Trust
Affiliated to University of Madras - Re-Accredited with 'A+' Grade by NAAC
Chromepet Chennai-600044

57 YEARS

DEPARTMENT OF COMPUTER SCIENCE

B.Sc Computer Science

CHOICE BASED CREDIT SYSTEM (CBCS)

&

LEARNING OUTCOMES BASED CURRICULUM FRAMEWORK (LOCF)

2024-2027 Batch

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Framework for 2024 batch students

SEM	PART	COURSE COMPONENT	COURSE CODE	TITLE OF THE PAPER	CREDITS	LECTURE HOURS		CIA	ESE	TOTAL
						TH	PR			
I Semester / I Year	I	Foundation Course	22ULTFC1001/ 22ULHFC1001/ 22ULSFC1001/ 22ULFFC1001	Tamil-I/ Hindi-I/ Sanskrit-I/ French-I	3	6		40	60	100
	II	English	20UGEFC1001	General English-I	3	6		40	60	100
	III			Bridge Course		15				
		Core Theory-I	23UCSCT1001	Problem solving through Programming in C	3	4		40	60	100
		Core Theory-II	22UCSCT1002	Fundamentals of Digital Computer and Microprocessor (8085)	4	4		40	60	100
		Core Practical-I	21UCSCP1001	C Programming	2		4	40	60	100
		Allied Theory-I	20UCSAT1001	Allied Mathematics-I	5	6		40	60	100
	IV	Life Skill	23USSEC1001	Effective Communication skills	2	2		50	-	50
				TOTAL	**22**					**650**
II Semester / I Year	I	Foundation Course	22ULTFC2002/ 22ULHFC2002/ 22ULSFC2002/ 22ULFFC2002	Tamil-II/ Hindi-II/ Sanskrit-II/ French-II	3	6		40	60	100
	II	English	20UGEFC2002	General English-II	3	6		40	60	100
	III	Core Theory-III	23UCSCT2003	Programming Using Python	3	4		40	60	100
		Core Practical-II	23UCSCP2002	Programming Using Python	2		4	40	60	100
		Core Practical-III	23UCSCP2003	Web Technology – [HTML,JS]	2		4	40	60	100
		Allied Theory-II	20UCSAT2002	Allied Mathematics-II	5	6		40	60	100
	IV	Value Education	20UESVE2001	Environmental Studies	2	1		50	-	50
			20UYGVE2002	Yoga and Wellness	2			50	-	50
		Life Skill	24USKHV2002	Universal Human Values	2			50	-	50
				TOTAL	**24**					**750**
III / II Year	I	Foundation Course	22ULTFC3003/ 22ULHFC3003/ 22ULSFC3003/ 22ULFFC3003	Tamil-III/ Hindi-III/ Sanskrit-III/ French-III	3	5		40	60	100
	II	English	20UGEFC3003	General English-III	3	5		40	60	100
		Core Theory-IV	21UCSCT3004	Data structures and Algorithms	3	4		40	60	100

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Year	Sem	Part	Course	Code	Title	C	L	P	CIA	ESE	Total
		III	Core Practical-IV	21UCSCP3004	Data Structures using Python Lab	2		4	40	60	100
			Core Practical-V	25UCSCP3E05	ReactJS Lab	3		4	40	60	100
			Allied Theory-III	20UCSAT3003	Statistical Methods and its Application-I	4	6		40	60	100
			Non-Major Elective* Subject Offered to other departments	20U__NE3001 (SFS)	Principles of Internet(SFS)	2	2		50	-	50
					TOTAL	**20**					**650**
II Year	IV Semester	I	Foundation Course	22ULTFC4004/ 22ULHFC4004/ 22ULSFC4004/ 22ULFFC4004	Tamil-IV/ Hindi-IV/ Sanskrit-IV/ French-IV	3	5		40	60	100
		II	English	20UGEFC4004	General English-IV	3	5		40	60	100
		III	Core Theory-V	23UCSCT4005	Programming in Java	3	4		40	60	100
			Core Practical–VI	23UCSCP4006	Programming in Java Lab	2		4	40	60	100
			Core Practical–VII	25UCSCP4E07	Data Analytics and Visualization Lab	2		4	40	60	100
			Allied Theory-IV	20UCSAT4004	Statistical Methods and its Application-II	4	6		40	60	100
			Allied Practical-I	20UCSAP4001	Statistical Methods and its Application(allied Practical)	2			40	60	100
		IV	**Non-Major Elective*** Subject Offered to other departments	20U__NE4002 (SFS)	Principles of Internet(SFS)	2	2		50	-	50
			Life Skill	23USKLM4003	Leadership & Managerial Skills	2			50	-	50
			Students Progression Bodies	23USP__4001	Students Progression Activities	2			50	-	50
					One month Internship	2					
					TOTAL	**25**					**850**
					GRAND TOTAL	**91**					**2900**

* Coursera– LMS course offered from Coursera