

Vellalar College for Women (Autonomous), Erode - 12.

Bachelor of Information Technology

2018- 2019 onwards

Course Content and Scheme of Examinations (CBCS & OBE Pattern)

Semester I

Part	Study Component	Subject Code	Title of the Paper	Inst. Hrs./ Week	Exam. Dur. Hrs.	Max. Marks			Credits
						CIA	ESE	Total	
I	Language I	18TAMU101 / 18HINU101	Tamil / Hindi	6	3	25	75	100	3
II	Language II	18ENHU101	English	6	3	25	75	100	3
III	Core	18ITUC101/ 18CTUC101	C Programming with Data Structures	5	3	25	75	100	4
		18ITUCP01/ 18CTUCP01	C Programming and Data Structures Lab	5	3	40	60	100	3
	Allied I	18CSUA101/ 18CAUA101/ 18ITUA101 / 18CTUA101	Mathematics - I (Numerical Methods and Bio Statistics)	6	3	25	75	100	5
	Foundation Course	18FOCU1ES	Environmental Studies	2	3	-	100	100	2
Total								600	20

Semester II

I	Language I	18TAMU202/ 18HINU202	Tamil / Hindi	6	3	25	75	100	3
II	Language II	18ENHU202	English	6	3	25	75	100	3
III	Core	18ITUC202	Computer Organization and Architecture	4	3	25	75	100	4
		18ITUC203	Object Oriented Programming with C++	4	3	25	75	100	4
		18ITUCP02	C++ Programming Lab	3	3	40	60	100	1
	Allied II	18CSUA202/ 18ITUA202	Mathematics - II (Discrete Structures)	5	3	25	75	100	5
IV	Value Education	18VEDU2HR	Value Education and Human Rights	2	3	-	100	100	2
Total								700	22

Semester III									
Part	Study Component	Subject Code	Title of the Paper	Inst. Hrs./ Week	Exam. Dur. Hrs.	Max. Marks			Credits
						CIA	ES E	Total	
III	Core	18ITUC304	Java and Network Programming	5	3	25	75	100	4
		18ITUC305	Principles of Data Communication and Network	5	3	25	75	100	4
		18ITUC306	Software Engineering	5	3	25	75	100	4
		18ITUCP03	Java and Network Programming Lab	5	3	40	60	100	3
	Allied III	18ITUA303/ 18CTUA303	Microprocessor and its Architecture	5	3	25	75	100	5
IV	Skill Based Subject I			3	3	40	60	100	3
	Non Major Elective I			2	3	-	100	100	2
Total								700	25
Semester IV									
III	Core	18ITUC407	Operating System	5	3	25	75	100	4
		18ITUC408	PC Hardware and Troubleshooting	5	3	25	75	100	4
		18CAUC306 / 18ITUC409/	Client / Server Computing	5	3	25	75	100	4
		18ITUCP04	PC Hardware and Troubleshooting Lab	5	3	40	60	100	3
	Allied IV	18ITUA404	Software Project Management	5	3	25	75	100	5
IV	Skill Based Subject II	18CSUS402/ 18CAUS402/ 18ITUS402/ 18CTUS402	Multiskill Development Paper	3	1*	40	60	100	3
	Non Major Elective II			2	3	-	100	100	2
Total								700	25
* Online Examination									

SKILL BASED SUBJECTS		
S.No	Subject Code	Title of the paper
1	18CSUSP01 / 18CAUSP01 / 18ITUSP01 / 18CTUSP01	DataManagement for Biological Applications-Lab(Cafeteria System)
2	18CSUS402 / 18CAUS402 / 18ITUS402 / 18CTUS402	Multiskill Development Paper
NON MAJOR ELECTIVES		
S.No	Subject Code	Title of the paper
1	18TMLU301 18TMLU402	Basic Tamil *
2	18ADTU301 18ADTU402	Advanced Tamil **
3	18CSUNP01 / 18CAUNP01 / 18ITUNP01 / 18CTUNP01	Data Processing through Excel -Lab
	18CSUNP02 / 18CAUNP02 / 18ITUNP02 / 18CTUNP02	Web Designing (Dream Weaver)-Lab
* For students whose Part I in Secondary Education is not Tamil.		
** For students whose Part I in Higher Secondary Education is not Tamil		