

B.Sc. – COMPUTER SCIENCE DEGREE COURSE
(FOR THE CANDIDATES ADMITTED FROM THE ACADEMIC YEAR 2018 ONWARDS)
I to VI SEMESTERS : SCHEME OF EXAMINATIONS

Part	Course Code	Title of the Paper	Hrs	Dur. Hrs	MAX.MARKS			Credits
					CIA	ESE	Total	
<u>I SEMESTER</u>								
I	18UTL101/ 18UHN101/ 18UFR101	Tamil Paper-I/ Hindi Paper-I/ French Paper-I	6	3	25	75	100	3
II	18UEN101	English Paper-I	6	3	25	75	100	3
III	18UCS101	Core I: Programming in C	4	3	25	75	100	4
	18UCS102	Core II: Digital Computer Fundamentals and Organization	4	3	25	75	100	4
	18UCS1A1	Allied-1: Mathematics-I	4	3	25	75	100	4
	18UCS103	Core Lab I: Programming Lab in C	4	3	20	30	50	2
IV	18HEC101	Human Excellence: Personal Values& SKY Yoga Practice-1	1	2	25	25	50	1
	18UHR101	Human Rights in India	1	2	-	50	50	2
V		Extension Activities (NSS, NCC, Sports & Games)						
Total							650	23
<u>II SEMESTER</u>								
I	18UTL202/ 18UHN202/ 18UFR202	Tamil Paper-II/ Hindi Paper-II/ French Paper-II	6	3	25	75	100	3
II	18UEN202	English Paper – II	5	3	25	75	100	3
III	18UCS204	Core III: Object Oriented Programming Using C++	4	3	25	75	100	4
	18UCS205	Core IV: Data and File Structure	4	3	25	75	100	4
	18UCS2A2	Allied -2: Mathematics-II (Discrete Mathematics)	4	3	25	75	100	4
	18UCS206	Core Lab II: Programming Lab in C++	4	3	20	30	50	2
IV	18HEC202	Human Excellence: Family Values& SKY Yoga Practice-2	1	2	25	25	50	1
	18EVS201	Environmental Studies	2	2	-	50	50	2
V		Extension Activities (NSS, NCC, Sports & Games)						
Total							650	23



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Part	Course Code	Course Title	Hrs	Dur. Hrs	MAX.MARKS			Credits
					CIA	ESE	Total	
III SEMESTER								
III	18UCS307	Core V: Java Programming	4	3	25	75	100	4
	18UCS308	Core VI: Relational Database Management System and Oracle	5	3	25	75	100	4
	18UCS309	Core VII: Operating System	4	3	25	75	100	4
	18UCS3A3	Allied -3 : Computer Based Optimization Techniques	5	3	25	75	100	4
	18UCS310	Core Lab III: Programming Lab in Java	5	3	20	30	50	2
	18UCS311	Core Lab IV: Programming Lab in RDBMS	5	3	20	30	50	2
IV	18HEC303	Human Excellence Paper: Professional Values& SKY Yoga Practice-3	1	2	25	25	50	1
	18UCS3N1/ 18UCS3N2	Non-Major Elective Paper-I Photoshop Lab/ Advanced Applications in MS Excel Lab	1	2	-	50	50	2
V		Annexure-I						
Total							600	23
IV SEMESTER								
III	18UCS412	Core VIII: . NET Programming	4	3	25	75	100	4
	18UCS413	Core IX: Web Technology	4	3	25	75	100	4
	18UCS414	Core X: Data Communication and Computer Networks	4	3	25	75	100	4
	18UCS4A4	Allied -4 : Accountancy for Decision Making	6	3	25	75	100	4
	18UCS415	Core Lab V: . NET Programming Lab	5	3	20	30	50	2
	18UCS416	Core Lab VI: Web Technology Lab	5	3	20	30	50	2
IV	18HEC404	Human Excellence Paper : Social Values & SKY Yoga Practice-4	1	2	25	25	50	1
	18UCS4N1/ 18UCS4N2	Non-Major Elective Paper-II Flash Lab/ Internet Services and Applications Lab	1	2	-	50	50	2
V		Annexure-I				50	50	1
Total							650	24



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Part	Course Code	Course Title	Hrs	Dur. Hrs	MAX.MARKS			Credits
					Int	Ext	Total	
V SEMESTER								
III	18UCS517	Core XI: Linux	4	3	25	75	100	3
	18UCS518	Core XII: Kotlin Programming	4	3	25	75	100	3
	18UCS519	Core XIII: Cyber Security	4	3	25	75	100	2
	18UCS5E1/ 18UCS5E2/ 18UCS5E3	Core Elective-I:	6	3	25	75	100	5
	18UCS520	Core Lab VII: Linux Lab	5	3	40	60	100	3
	18UCS521	Core Lab VIII: programming Lab using Kotlin	5	3	40	60	100	3
IV	18UCS5S1/ 18UCS5S2 / 18UCS5S3	Skill Based Elective-I	1	2	-	50	50	2
	18HEC505	Human Excellence Paper: National Values& SKY Yoga Practice-5	1	2	25	25	50	1
	18GKL501	General Knowledge	SS	2	-	50	50	2
Total							750	24
List of Electives-I 18UCS5E1 Software Testing 18UCS5E2 Distributed Computing 18UCS5E3 Client/Server Technology			Skill Based Elective I 18UCS5S1 Word Press 18UCS5S2 Dream Weaver 18UCS5S3 Quantitative Aptitude Skills					
VI SEMESTER								
III	18UCS622	Core XIV: Python Programming	4	3	25	75	100	3
	18UCS6E4 18UCS6E5 18UCS6E6	Core Elective – II	6	3	25	75	100	5
	18UCS6E7 18UCS6E8 18UCS6E9	Core Elective – III	6	3	25	75	100	5
	18UCS623	Core Lab IX: Python Programming Lab	5	3	40	60	100	3
	18UCS624	Core Lab X: Advanced Applications in MS Excel Lab	4	3	20	30	50	2
	18UCS625	Project	4	-	-	100	100	3
	IV	18UCS6S4/ 18UCS6S5/ 18UCS6S6	Skill based Elective-II	1	2	-	50	50
18HEC606		Human Excellence Paper: Global Values & SKY Yoga Practice-6	2	2	25	25	50	1



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Total			650	24
Grand Total			3900	140
List Of Electives-II	List of Electives-III	Skill Based Elective-II		
18UCS6E4 Data mining and Warehousing	18UCS6E7 Multimedia Packages	18UCS6S4 Joomla		
18UCS6E5 Enterprise Resource Planning	18UCS6E8 Big data Analytics	18UCS6S5 Macromedia		
18UCS6E6 Grid and Cloud Computing	18UCS6E9 Android Programming	Director		
		18UCS6S6 Soft Skills		



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Programme code:	B.Sc	Programme Title :	Bachelor of Science (Computer Science)	
Course Code:	18UCS625	Title :	Batch :	2018-2021
Hrs/Week:	4	Project	Semester:	VI
			Credits:	03

Course Objective

To provide experience to the students in analyzing, designing, implementation and evaluation of software.

	Instructional Notes: Students are required to develop entire new software system or to enhance/modify functionalities of existing software or to provide customization based on existing technology/framework to fulfill specific requirements. MAXIMUM MARKS : 100 PROJECT EVALUATION : 80 VIVA-VOCE : 20
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Part	Course Code	Course Title	Hrs	Dur. Hrs	MAX.MARKS			Credits
					CIA	ESE	Total	
<u>I SEMESTER</u>								
I	19UTL101/ 19UHN101/ 19UFR101	Tamil Paper-I/ Hindi Paper-I/ French Paper-I	6	3	25	75	100	3
II	19UEN101	English Paper-I	6	3	25	75	100	3
III	19UCS101	Core I: Internet Basics and Programming in C	4	3	25	75	100	4
	19UCS102	Core II: Digital Computer Fundamentals and Organization	4	3	25	75	100	4
	19UCS1A1	Allied-1: Mathematics-I	4	3	25	75	100	4
	19UCS103	Core Lab I: Programming Lab in Internet Basics and C	4	3	20	30	50	2
IV	19HEC101	Human Excellence: Personal Values& SKY Yoga Practice-1	1	2	25	25	50	1
	19UHR101	Human Rights in India	1	2	-	50	50	2
V		Annexure-I						
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	19UCS2A2	Allied -2: Mathematics-II (Discrete Mathematics)	4	3	25	75	100	4
	19UCS206	Core Lab II: Programming Lab in C++ and Data Structures	4	3	20	30	50	2
IV	19HEC202	Human Excellence: Family Values& SKY Yoga Practice-2	1	2	25	25	50	1
	19EVS201	Environmental Studies	2	2	-	50	50	2
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	19UCS625	Project	4	-	-	100	100	3
IV	19UCS6S4/ 19UCS6S5/ 19UCS6S6	Skill based Elective-II	1	2	-	50	50	2
	19HEC606	Human Excellence Paper: Global Values & SKY Yoga Practice-6	2	2	25	25	50	1



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Course Code:	19UCS625	Title :	Batch :	2019-2022
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