SEMESTER WISE CREDIT DISTRIBUTION, MARKS AND CONTACT HOURS
Generic (Cluster): Computer Science
Programme: B.Sc., (CS)

Sem	Part	Course Type	Course Code	Course Title	Contact Hrs.	Credits	Marks		Total Marks
							Int.	Ext.	
I	I	Language	24UGT101	Tamil Elakkia Varalaru - I	6	3	25	75	100
	II	English	24UGE201	General English I	6	3	25	75	100
	III	Generic/Cluster Core – I	24UCP401	Principles of Programming with C	4	4	25	75	100
		Core – II	24UCP402	Digital Computer Fundamentals	4	4	25	75	100
		Generic/Cluster Core Laboratory– I	24UCP451	Principles of Programming with C Lab	4	2	40	60	100
		Allied–I	24UMA301	Introduction to Discrete Mathematics	4	3	25	75	100
	IV	Foundation Course	24UFO901	Value Education	2	2	25	75	100
Total					**30**	**21**	**-**	**-**	**700**
II	I	Language	24UGT102	Tamil Elakkia Varalaru - II	6	3	25	75	100
	II	English	24UGE202	General English - II	6	3	25	75	100
	III	Discipline Centric Core - I	24UCS501	Database Management Systems	4	4	25	75	100
		Discipline Centric Core Laboratory - I	24UCS551	Database Management Systems Lab	4	2	40	60	100
		Allied–II	24UMA302	Operations Research	4	3	25	75	100
		Allied Practice I	24UMA351	Numerical Analysis and Statistics Practice	4	2	40	60	100
			24UCA591	Field Work	-	2	40	60	100
	IV	Foundation Course	24UFC905	Environmental Studies	2	2	25	75	100
Total					**30**	**21**	**-**	**-**	**800**
III	I	Language	24UGT103	Tamilaga Varalarum Panpadum	6	3	25	75	100
	II	English	24UGE203	General English - III	6	3	25	75	100
	III	Core Course - IV	24UCP403	Python Programming	4	4	25	75	100
		Core Course – V	24UCS502	Data Structures and Algorithm	4	4	25	75	100
		Core Laboratory III	24UCP452	Python Programming Lab	4	2	40	60	100
		Allied–III	24UPH303	Semi-Conductor and its	3	3	25	75	100

				Applications					
	IV	Ability Enhancement - I	24UAB361	Life Skills Management	2	2	25	75	100
	V		24UHW951	Health &Wellness	1	1	-	-	100
Total					**30**	**22**	**-**	**-**	**800**
IV	I	Language	24UGT104	Tamilum Ariviyalum	6	3	25	75	100
	II	English	24UGE204	General English - IV	6	3	25	75	100
	III	Core Course – VI	24UCS502	Introduction to Java2 Enterprise Edition	4	4	25	75	100
		Core Laboratory IV	24UCS552	Java2 Enterprise Edition Lab	4	2	40	60	100
		Allied–IV	24UPH304	Digital Circuits and Memories	4	3	25	75	100
		Allied Laboratory II	24UPH352	Digital Electronics Lab	4	2	40	60	100
			24UCS592	Internship	-	2	40	60	100
	IV	Ability Enhancement - II	24UAB371	Soft and Quantitative skills	2	2	25	75	100
Total					**30**	**21**	**-**	**-**	**800**
V	III	Core Course – VII	24UCS503	Principles of Operating System	4	4	25	75	100
		Core Course – VIII	24UCS504	Internet and Web Programming	4	4	25	75	100
		Core Course – IX	24UCS505	Software Engineering	4	4	25	75	100
		Core Course – X	24UCS506	Machine Learning Techniques	4	4	25	75	100
		Core Laboratory V	24UCS553	Internet and Web Programming Lab	4	2	40	60	100
		Discipline Centric Elective – I	24UCS701 or 24UCS703 or 24UCS705	Soft Computing Techniques or Introduction to GitHub or User Interface and User Experience Design	4	4	25	75	100
		Discipline Centric Elective Laboratory – I	24UCS751 or 24UCS752 or 24UCS753	Soft Computing Techniques Lab or GitHub Lab or User Interface and User Experience Design Lab	4	2	40	60	100
	IV	Ability Enhancement - III	24UCS381	Multimedia and Animation Lab	2	2	40	60	100
Total					**30**	**26**	**-**	**-**	**800**