



S. No.	Course Category	Subject Code	Name of Subject	Periods				Evaluation Scheme				Subject Total	Attributes						United Nations Sustainable Development				
								Sessional (CA)			End Sem. Exam. (ESE)		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	Goals (SDGs)			
				L	T	P	C	CT	TA	Total													
1	DC	CS301	Design and Analysis of Algorithm	3	1	0	4	40	20	60	40	100			√					4,9			
2	DC	CS303	Principles of Operating System	3	1	0	4	40	20	60	40	100			√					4,9			
3	DC	CS304	Theory of Automata and Formal Languages	3	1	0	4	40	20	60	40	100			√					4			
4	DC	CS340	Software Engineering	3	1	0	4	40	20	60	40	100	√		√					4,9			
5	DC	CS391	Hadoop	3	1	0	4	40	20	60	40	100	√		√					4,9			
6	DC	CS392	Data Science and Use Cases	3	1	0	4	40	20	60	40	100			√					4,9			
7	DC	CS393	Hadoop Lab	0	0	2	1	30	30	60	40	100	√		√					4,9			
8	DC	CS310	Open Source Lab	0	0	2	1	30	30	60	40	100	√	√	√					4,9			
9	DC	CS302	Design and Analysis of Algorithm Lab	0	0	2	1	30	30	60	40	100			√					4,9			
10	Audit	CG301	Career Development Course	2	0	0	0	0	0	0	50	50	√		√					4			
	Total			20	6	6	27	330	210	540	410	950											
L - Lecture				T - Tutorial				P - Practical				C - Credits				CT - Class Test				TA - Teacher Assessment			
Sessional Total (CA) = Class Test (CT) + Teacher Assessment (TA)																							
Subject Total (CA) = Sessional Total (CA) + End Semester Examination (ESE)																							
BS - Basic Sciences											DC - Departmental Core												
HM - Humanities											OE - Open Elective												
DE - Departmental Elective											ESA - Engineering Sciences & Arts (Foundation Course & Engineering Course)												

