



Integral University
Study & Evaluation Scheme
B. Tech. (Computer Science & Engineering)
w.e.f. 2020-2021

Year IV, Semester VII

S. No.	Course Category	Subject Code	Name of Subject	Periods				Evaluation Scheme				Subject Total	Attributes							United Nations Sustainable Development Goals (SDGs)			
								Sessional (CA)			End Sem. Exam. (ESE)		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics				
				L	T	P	C	CT	TA	Total													
1	DC	CS-422	Artificial Intelligence	3	1	0	4	40	20	60	40	100	√		√							4,9	
2	DC	CS-410	Distributed System	3	1	0	4	40	20	60	40	100			√								4
3	DC	CS-412	Cryptography and Network Security	3	1	0	4	40	20	60	40	100	√	√	√								4,9
4	DE		Departmental Elective-5*	3	1	0	4	40	20	60	40	100											
5	DE		Departmental Elective-6*	3	1	0	4	40	20	60	40	100											
6	DC	CS-424	SciLab	0	0	2	1	30	30	60	40	100	√		√								4,9
7	DC	CS-423	Artificial Intelligence Lab	0	0	2	1	30	30	60	40	100			√								4,9
8	DC	CS-421	Minor Project	0	0	2	1	30	30	60	40	100	√		√								4,9
9	DC	CS-300	Industrial Training	0	0	0	0	0	0	0	0	100	√		√								4,9
Total				15	5	6	23	290	190	480	320	900											
Departmental Elective-5*	CS-417	Mobile Computing													√								4
	CS-415	Fuzzy Logic & Neural Networks													√								4
Departmental Elective-6*	CS-418	Data Warehousing and Data Mining													√								4,11,12
	CS-419	Pattern Recognition													√								4
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)												





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Year IV, Semester VIII

S. No.	Course Category	Subject Code	Name of Subject	Periods				Evaluation Scheme			Subject Total	Attributes							United Nations Sustainable Development Goals (SDGs)			
				L	T	P	C	CT	TA	Total		End Sem. Exam. (ESE)	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value		Professional Ethics		
																					Goals (SDGs)	
1	DC	CS-451	Seminar	0	0	0	2	0	100	100	0	100	√		√							4
2	DC	CS-499	B. Tech. Project	0	0	0	4	0	60	60	40	100	√	√	√							4,9
3	DC	CS-499	B. Tech. Project	0	0	0	4	0	60	60	40	100	√	√	√							4,9
4	DC	CS-499	B. Tech. Project	0	0	0	4	0	60	60	40	100	√	√	√							4,9
5	DC	CS-452	Comprehensive Viva	0	0	0	1	0	100	100	0	100	√		√							4
6	OE		Open Elective-2**	3	1	0	4	40	20	60	40	100										
Total				3	1	0	19	40	400	440	160	600										

Total credits of BTech (CSE) = 200