



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

Year II, Semester III

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-204	Data Structure using C	3	1	0	4	40	20	60	40	100	√		√							4,9	
2	DC	CS-270	Object Oriented Concepts using Java	3	1	0	4	40	20	60	40	100	√		√								4
3	ESA	BM-225	Principles of Management and Engineering	3	1	0	4	40	20	60	40	100			√								4,5,8
4	ESA	EC-209	Digital Electronics	3	1	0	4	40	20	60	40	100			√								4,8
5	DC	CS-206	Discrete Structure	3	1	0	4	40	20	60	40	100			√								4
6	ESA	CS-203	Cyber Law & Information Security	2	1	0	3	40	20	60	40	100	√		√					√	√		11,16
*	HM	BM-226	Human Values and Professional Ethics	3	0	0	0	-	-	-	50	50								√	√		3,10,13
7	DC	CS-208	Data Structure Using C Lab	0	0	2	1	30	30	60	40	100	√		√								4,9
8	DC	CS-272	Python Programming Lab	0	0	2	1	30	30	60	40	100	√	√	√								4,9
9	DC	CS-271	Object Oriented concepts using Java Lab	0	0	2	1	30	30	60	40	100	√		√								4,9
10	ESA	EC-214	Digital Electronics Lab	0	0	2	1	30	30	60	40	100			√								4,8
Total				20	6	8	27	360	240	600	400	1000											
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)											



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

Year II, Semester IV

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-207	Computer Graphics	3	1	0	4	40	20	60	40	100	✓	✓	✓					4,9			
2	ESA	MT-206	Mathematical Analysis	3	1	0	4	40	20	60	40	100	✓		✓						9		
3	DC	CS-212	Database Management System	3	1	0	4	40	20	60	40	100	✓		✓						4		
4	DC	CS-284	Computer Organization & Architecture	3	1	0	4	40	20	60	40	100			✓						4,9		
5	ESA	ES-202	Disaster Management	2	1	0	3	40	20	60	40	100			✓		✓				3,9,11,17		
6	DC	CS281	Graph Theory and Applications	3	1	0	4	40	20	60	40	100			✓						4		
7	DC	CS-285	Computer Organization & Architecture Lab	0	0	2	1	30	30	60	40	100			✓						9		
8	DC	CS-283	Computer Graphics Lab	0	0	2	1	30	30	60	40	100	✓		✓						4,9		
9	DC	CS-282	Advance Java Programming Lab	0	0	2	1	30	30	60	40	100	✓	✓	✓						9		
10	DC	CS-220	DBMS Lab	0	0	2	1	30	30	60	40	100	✓		✓						4,9		
11	DC	CS-286	Comprehensive Annual Assessment - I	0	0	0	1	0	100	100	0	100	✓		✓						4		
Total				17	6	8	28	360	340	700	400	1100											
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)																							
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