Integral University

Study & Evaluation Scheme

B.Tech. CSE (Cloud Computing and Artificial Intelligence) in association with IBM

w.e.f. 2021-2022

Year III, Semester V

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	CS395	Predictive Analytics	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)

Integral University

Study & Evaluation Scheme

B.Tech. CSE (Cloud Computing and Artificial Intelligence) in association with IBM

w.e.f. 2021-2022

Year III, Semester VI

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	CS313	Microprocessor and its Applications	3	1	0	4	40	20	60	40	100			√					4,9
2	DC	CS315	Compiler Design	3	1	0	4	40	20	60	40	100			√					4,9
3	DC	CS305	Computer Networks	3	1	0	4	40	20	60	40	100	√	√	√					4,9
4	OE		Open Elective-1	3	1	0	4	40	20	60	40	100								
6	DE		Departmental Elective-4*	3	1	0	4	40	20	60	40	100								
7	DC	CS394	Artificial Intelligence Analyst	3	1	0	4	40	20	60	40	100	√	√	√					4,9
8	DC	CS396	AI Analyst Lab	0	0	2	1	30	30	60	40	100	√	√	√					4,9
9	DC	CS314	Microprocessor Lab	0	0	2	1	30	30	60	40	100	√		√					4,9
10	DC	CS306	Computer Networks Lab	0	0	2	1	30	30	60	40	100	√	√	√					4,9
11	Audit	CG302	Career Development Course	2	0	0	0	0	0	0	50	50	√						√	4
12	DC	CS386	Comprehensive Annual Assessment - II	0	0	0	1	0	100	100	0	100	√		√					4
			Total	**20**	**6**	**6**	**28**	**330**	**310**	**640**	**410**	**1050**								
Departmental Elective-4*		CS311	Software Project & Quality Management										√		√					4
		CS347	Green Computing												√		√	√		11,13
		CS348	Human Computer Interaction												√		√			11,12

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