



**Integral University**  
**Study & Evaluation Scheme**

**B.Tech. CSE (Data Science & Artificial Intelligence) in association with IBM**  
**w.e.f. 2020-2021**

**Year I, Semester I**

S. No.	Course Category	Subject Code	Name of Subject	Periods				Evaluation Scheme			Subject Total	Attributes						United Nations Sustainable Development			
				L	T	P	C	Sessional (CA)		End Sem. Exam. (ESE)		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	Goals (SDGs)		
								CT	TA											Total	
1	BS	PY-101	Physics	3	1	0	4	40	20	60	40	100	√		√						4
2	LN	LN-101	Professional Communication-	3	1	0	4	40	20	60	40	100	√	√	√			√	√		4
3	MT	MT-101	Engineering Mathematics-I	3	1	0	4	40	20	60	40	100			√						9
4	ESA	EE-103	Basic Electrical Engineering	3	1	0	4	40	20	60	40	100	√								4,7,8,9,11
5	ESA	EC-101	Basic Electronics	3	1	0	4	40	20	60	40	100	√		√						4,9
6	BS	PY-104	Physics Lab	0	0	2	1	30	30	60	40	100	√		√						4
7	ESA	EE-104	Electrical Engineering Lab	0	0	2	1	30	30	60	40	100	√		√						4,7,8,9,11
8	ESA	ME-103	Engineering Graphics	0	0	2	1	30	30	60	40	100	√	√	√						4,8,9
9	DC	CS-125	Digital Workforce Skills	0	0	2	1	30	30	60	40	100									9
<b>Total</b>				<b>15</b>	<b>5</b>	<b>8</b>	<b>24</b>	<b>320</b>	<b>220</b>	<b>540</b>	<b>360</b>	<b>900</b>									

**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 (Data Science & Artificial Intelligence) in association with IBM

w.e.f. 2020-2021

Year I, Semester II

S. No.	Course Category	Subject Code	Name of Subject	Periods				Evaluation Scheme			Subject Total	Attributes						United Nations Sustainable Development			
				L	T	P	C	Sessional (CA)		End Sem. Exam. (ESE)		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	Goals (SDGs)		
								CT	TA											Total	
1	BS	CH-101	Chemistry	3	1	0	4	40	20	60	40	100			√						6,7,8
2	ES	ES-101	Environmental Studies	2	1	0	3	40	20	60	40	100			√		√				6,13,14,15
3	BS	MT-112	Engineering Mathematics II	3	1	0	4	40	20	60	40	100	√	√	√						9
4	ESA	ME-101	Basic Mechanical Engineering	3	1	0	4	40	20	60	40	100	√		√						4,9
5	ESA	CS-101	Computer Programming	3	1	0	4	40	20	60	40	100			√						4,9
6	BS	CH-102	Engineering Chemistry Lab	0	0	2	1	30	30	60	40	100	√	√	√						6
7	ESA	ME-102	Mechanical Engineering Lab	0	0	2	1	30	30	60	40	100	√	√	√						4,9
8	ESA	CS-102	Computer Programming Lab	0	0	2	1	30	30	60	40	100			√						4,9
9	DC	CS-126	Changing Business with Data Insight (Watson Analytics)	0	0	2	1	30	30	60	40	100									8,9
<b>Total</b>				<b>14</b>	<b>5</b>	<b>8</b>	<b>23</b>	<b>320</b>	<b>220</b>	<b>540</b>	<b>360</b>	<b>900</b>									

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