



INTEGRAL
UNIVERSITY
LUCKNOW - INDIA



Integral University

Study & Evaluation Scheme

B.Tech. CSE (Data Science & Artificial Intelligence) in association with IBM
w.e.f. 2024-25 (for admitted batch 2024-25 onwards)

Year I, Semester I

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)							4	
				L	T	P	C	CT		TA		Total	TE	PE										
								Theory	Practical	Theory	Practical													
1	ESC	ME101	Basic Mechanical Engineering & Workshop	3	0	2	4	50	15	25	10	100	75	25	200	√		√						4
2	HSSM	LN132	Communication Skills:Theory & Practices	3	0	2	4	50	15	25	10	100	75	25	200	√	√	√				√	√	4
3	BSC	MT149	Mathematics-I for Computer Science & Engineering	3	1	0	4	50		25		75	75		150			√						9
4	ESC	EE103	Basic Electrical Engineering	3	0	2	4	50	15	25	10	100	75	25	200	√								4,7,8,9,11
5	ESC	EC101	Basic Electronics	3	0	0	3	50		25		75	75		150	√		√						4,9
6	PCC	CS125	Digital Workforce Skill	0	0	2	1		15		10	25		25	50			√						9
Total				15	1	8	20	250	60	125	40	475	375	100	950									

L - Lecture

T - Tutorial

P - Practical

C - Credits

CT - Class Test

TA - Teacher Assessment

Sessional Total (CA) = Class Test (CT) + Teacher Assessment (TA)

TE = Theory Exam

PE = Practical Exam

Subject Total (CA) = Sessional Total (CA) + End Semester Examination (ESE)

BSC - Basic Science Courses

PCC - Professional Core Courses

PEC - Professional Elective Courses

ESC - Engineering Science Courses

IPC - Internship/Project Courses

MC - Mandatory Course

HSSM - Humanities, Social Sciences and Management Courses

OEC - Open Elective Courses



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Study & Evaluation Scheme

B.Tech. CSE (Data Science & Artificial Intelligence) in association with IBM

w.e.f. 2024-25 (for admitted batch 2024-25 onwards)

Year I, Semester II

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)								Goals (SDGs)	
				L	T	P	C	CT		TA		Total	TE		PE	Employability								Entrepreneurship
								Theory	Practical	Theory	Practical													
1	ESC	EC102	Switching Theory & Logic Design	3	1	2	5	50	15	25	10	100	75	25	200			✓						4,8
2	BSC	ES102	Concept of Environmental Studies	3	0	0	3	50		25		75	75		150			✓		✓				6,13,14,15
3	BSC	MT150	Mathematics-II for Computer Science & Engineering	3	1	0	4	50		25		75	75		150	✓	✓	✓						9
4	BSC	PY101	Physics	3	0	2	4	50	15	25	10	100	75	25	200	✓		✓						4
5	ESC	CS101	Computer Programming	3	0	2	4	50	15	25	10	100	75	25	200			✓						4,9
6	PCC	CS126	Changing Business with Data Insight (Watson Analytics)	0	0	2	1		15		10	25		25	50			✓						8,9
7	HSSM	HM101	Rashtra Gaurav	2	0	0	0						100		100									
Total				15	2	8	21	250	60	125	40	475	375	100	950									

L - Lecture T - Tutorial P - Practical C - Credits CT - Class Test TA - Teacher Assessment

Sessional Total (CA) = Class Test (CT) + Teacher Assessment (TA)

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Subject Total (CA) = Sessional Total (CA) + End Semester Examination (ESE)

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