



Integral University
Study & Evaluation Scheme

B. Tech in CSE
(specialization in Cyber Security and Artificial Intelligence in Collaboration with HCLTech) in line with NEP

w.e.f. 2026-27 (for admitted batch 2026-27 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)		Goals (SDGs)							
				L	T	P	C	CT		TA		Total	TE	PE		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
1	BSC	ES102	Concept of Environmental Studies	3	0	0	3	50	0	25	0	75	75	0	150			√		√			6,12,13,14,15
2	HSSM	LN132	Communication Skill: Theory and 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	0	25	0	75	75	0	150			√					9
4	PCC	CS151	Foundations of Cyber Security & Artificial Intelligence	4	0	2	5	50	15	25	10	100	75	25	200	√	√	√			√	√	4,9,16
5	ESC	EC101	Basic Electronics	3	0	0	3	50	0	25	0	75	75		150	√		√					4,9
6	PCC	CS131	Web Design Lab with Project	0	0	2	1	15	0	10	0	25		25	50			√					4,9
Total				16	1	6	20	265	30	135	20	450	375	75	900								

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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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)		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	Goals (SDGs)
				L	T	P	C	CT		TA		Total	TE		PE									
1	ESC	EC102	Switching Theory & Logic Design	3	1	2	5	50	15	25	10	100	75	25	200			✓						4,8
2	BSC	PY101	Physics	3	0	2	4	50	15	25	10	100	75	25	200	✓		✓						4
3	BSC	MT150	Mathematics-II for Computer Science & Engineering	3	1	0	4	50	0	25	0	75	75		150	✓	✓	✓						9
4	PCC	CS152	Secure Programming & Python for AI	4	0	1	5	50	15	25	10	100	75	25	200	✓	✓	✓				✓		4,9,16
5	ESC	CS101	Computer Programming	3	0	2	4	50	15	25	10	100	75	25	200			✓						4,9
6	HSSM	HM101	Rasthra Gaurav	2	0	0	0	0						100	100									
Total				18	2	7	22	250	60	125	40	475	375	200	1050									

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