



Integral University

Study & Evaluation Scheme

B.Tech. Mechanical Engineering (Electric Vehicles)

w.e.f. 2025-26 (for admitted batch 2025-26 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)	
				L	T	P	C	CT		TA		Total	TE	PE		Total	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics		
								Th	P	Th	P														
1	BSC	CH101	Chemistry - I	3	0	2	4	50	15	25	10	100	75	25	100	200	√	√	√		√				
2	ESC	CS101	Computer Programming	3	0	2	4	50	15	25	10	100	75	25	100	200			√					4,9	
3	BSC	MT101	Engineering Mathematics - I	3	1	0	4	50		25		75	75		75	150	√	√	√					9	
4	PCC	ME101	Basic Mechanical Engineering & Workshop	3	0	2	4	50	15	25	10	100	75	25	100	200	√		√					4,9	
5	HSSM	ES102	Concept of Environmental Studies	3	0	0	3	50		25		75	75		75	150					√			6,13,14,15	
6	PCC	ME103	Engineering Graphics	0	0	2	1		15		10	25		25	25	50	√	√	√					4,8,9	
7	MC	HM101	Rashtra Gaurav	2	0	0	0						100		100	100									
Total				17	1	8	20	310	165		475	475	100	575	1050										

L - Lecture T - Tutorial P – Practical C - Credits CT - Class Test TA - Teacher Assessment Th- Theory TE-Theory Exam PE- Practical Exam

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

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

BSC - Basic Science Courses

ESC - Engineering Science Courses

PCC - Professional core course

MC- Mandatory Course

HSSM- Humanities, Social Sciences & Management

Integral University

Study & Evaluation Scheme

B.Tech. Mechanical Engineering (Electric Vehicles)

w.e.f. 2025-26 (for admitted batch 2025-26 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)				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	Goals (SDGs)	
				L	T	P	C	CT		TA		Total	TE	PE	Total											
								Th	P	Th	P															
1	BSC	PY101	Physics	3	0	2	4	50	15	25	10	100	75	25	100	200	√		√							4
2	ESC	EC101	Basic Electronics	3	0	0	3	50		25		75	75		75	150	√		√							4,9
3	BSC	MT112	Engineering Mathematics -II	3	1	0	4	50		25		75	75		75	150	√	√	√							9
4	ESC	EE103	Basic Electrical Engineering	3	0	2	4	50	15	25	10	100	75	25	100	200	√									4,7,8,9,11
5	PCC	ME102	Mechanical Engineering Lab	0	0	2	1		15		10	25		25	25	50	√	√	√							4,9
6	HSSM	LN132	Communication Skills: Theory and Practices	3	0	2	4	50	15	25	10	100	75	25	100	200	√	√	√				√	√		4
7	PCC	ME105	Design Thinking and Idea Lab	0	0	2	1		15		10	25		25	25	50	√		√							4
Total				15	1	10	21	325		175	500	375	125	500	1000											

L - Lecture T - Tutorial P – Practical C - Credits CT - Class Test TA - Teacher Assessment Th- Theory TE-Theory Exam PE- Practical Exam

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

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

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HSSM - Humanities, Social Sciences & Management

PCC - Professional core course