



**Integral University**  
**Study & Evaluation Scheme**  
**B. Tech. Mechanical Engineering**  
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)			
				L	T	P	C	CT		TA		Total	TE									PE	Total		
								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	BSC	ES101	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									
<b>Total</b>				<b>17</b>	<b>1</b>	<b>8</b>	<b>20</b>	<b>310</b>	<b>165</b>	<b>475</b>	<b>475</b>	<b>100</b>	<b>575</b>	<b>1050</b>											

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

HSMC - Humanities and Social Sciences including Management courses

PCC - Professional core courses

DE - Departmental Elective ESA - Engineering Sciences & Arts (Foundation Course & Engineering Course)

MC- Mandatory Course



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**Study & Evaluation Scheme**  
**B. Tech. Mechanical Engineering**  
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)			Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	Goals (SDGs)			
				L	T	P	C	CT		TA		Total	TE									PE	Total	4	
								Th	P	Th	P														4,9
1	BSC	PY101	Physics	3	0	2	4	50	15	25	10	100	75	25	100	200	√		√						
2	ESC	EC101	Basic Electronics	3	0	0	3	50		25		75	75		75	150	√		√						4,9
3	BCS	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	HSMC	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
<b>Total</b>				<b>15</b>	<b>1</b>	<b>10</b>	<b>21</b>	<b>325</b>	<b>175</b>	<b>500</b>	<b>375</b>	<b>125</b>	<b>500</b>	<b>1000</b>											

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