Integral University
Study & Evaluation Scheme
B. Tech. Mechanical Engineering
w.e.f. 2025-26 (for admitted batch 2024-25 onwards)

Year II, Semester III

S. No.	Course Category	Subject Code	Name of Subject	Periods				Evaluation Scheme								Attributes							United Nations Sustainable Development
								Sessional (CA)					End Sem. Exam. (ESE)										
				L	T	P	C	CT		TA		Total	TE	PE	Total	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	Goals (SDGs)
								Th	P	Th	P												
1	BSC	MT201	Engineering Mathematics – III	3	0	0	3	50		25		75	75		75	150	√	√	√					9
2	PCC	ME201	Materials Science	3	0	2	4	50	15	25	10	100	75	25	100	200	√	√	√		√			4,8,9,12
3	PCC	ME202	Applied Thermodynamics	3	0	2	4	50	15	25	10	100	75	25	100	200	√		√					4,7,8,9
4	PCC	ME203	Strength of Materials	3	0	0	3	50		25		75	75		75	150	√		√					4,8,9
5	PCC	ME214	Engineering Fluid Mechanics	3	0	2	4	50	15	25	10	100	75	25	100	200	√		√					4,11
6	HSSM	ES203	Disaster Management and Mitigation	3	0	0	3	50		25		75	75		75	150	√		√		√	√		11,13
7	PCC	ME206	Machine Drawing Lab	0	0	2	1		15		10	25		25	25	50	√	√	√					4,9,12
Total				**18**	**0**	**8**	**22**	**360**		**190**		**550**	**450**	**100**	**550**	**1100**								

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

HSSM- Humanities, Social Sciences & Management

PCC - Professional core courses

Integral University
Study & Evaluation Scheme
B. Tech. Mechanical Engineering
w.e.f. 2025-26 (for admitted batch 2024-25 onwards)

Year II, Semester IV

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)												
				L	T	P	C	CT		TA		Total	TE	PE	Total		Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	Goals (SDGs)
								Th	P	Th	P													
1	PCC	ME207	Kinematics of Machines	3	0	0	3	50		25		75	75		75	150	√	√						4,9
2	PCC	ME208	Manufacturing Science– I	3	0	2	4	50	15	25	10	100	75	25	100	200	√	√	√					4,8,9,12
3	PCC	ME209	Measurements, Metrology and Control	3	0	2	4	50	15	25	10	100	75	25	100	200	√	√	√					4,9
4	ESC	EC217	System & Automatic Control	3	0	2	4	50	15	25	10	100	75	25	100	200	√	√	√					4,9
5	HSSM	CSE203	Cyber Law and Information Security	3	0	0	3	50		25		75	75		75	150	√		√		√	√		11,13
6	MC	BM226	Human Values & Professional Ethics	2	0	0	0						100		100	100		√				√	√	3,10,13
7	PEC	Elective	Elective I	3	0	0	3	50		25		75	75		75	150								
Total				**20**	**0**	**6**	**21**	**345**		**180**		**525**	**550**	**75**	**625**	**1150**								

Elective - I : 1. ME213 Polymer Science & Technology, 2. EE224 Electric Machines , 3. EC219 Laser Systems and Applications

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

ESC- Engineering Sciences Course

HSSM- Humanities, Social Sciences & Management

PCC - Professional core courses

PEC- Professional Elective courses

OEC- Open Elective courses