



Integral University, Lucknow
Department of Mechanical Engineering
Study and Evaluation Scheme
(W.e.f. session 2020-21)

Program: B . Tech. (Mechanical Engineering)

Semester I

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Max. Marks	Credit	Total Credits	Attributes						United Nations Sustainable Development Goals (SDGs)
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	
THEORIES																				
1	CH101	Chemistry	Core	03	01	00	40	20	60	40	100	3:1:0	4	√	√	√		√		
2	ES101	Environmental Studies	Core	02	01	00	40	20	60	40	100	2:1:0	3			√		√	√	
3	MT101	Engg. Mathematics - I	Core	03	01	00	40	20	60	40	100	3:1:0	4	√	√	√				9
4	ME101	Basic Mechanical Engg.	Core	03	01	00	40	20	60	40	100	3:1:0	4	√		√				4,9
5	CS101	Computer Programming	Core	03	01	00	40	20	60	40	100	3:1:0	4	√	√	√				
PRACTICAL																				
6	CH102	Chemistry Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	√	√	√		√		
7	ME102	Mechanical Engg. Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	√	√	√				4,9
8	CS102	Computer Programming Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	√	√	√				
9	LN151	Professional Communication Lab	Core	00	01	02	40	20	60	40	100	0:0:1	2	√	√	√		√		√
Total				14	06	08	360	180	540	360	900	24	24							



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Semester II

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Max. Marks	Credit	Total Credits	Attributes						United Nations Sustainable Development Goals (SDGs)
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	
THEORIES																				
1	PY101	Physics	Core	03	01	00	40	20	60	40	100	3:1:0	4	√		√			√	
2	LN101	Professional Communication-I	Core	02	01	00	40	20	60	40	100	2:1:0	3	√		√	√			√
3	MT112	Engg. Mathematics II	Core	03	01	00	40	20	60	40	100	3:1:0	4	√	√	√				9
4	EE103	Basic Electrical Engg.	Core	03	01	00	40	20	60	40	100	3:1:0	4	√		√				4,7,8,9,11
5	EC101	Basic Electronics	Core	03	01	00	40	20	60	40	100	3:1:0	4	√		√				4,9
PRACTICAL																				
6	PY104	Physics Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	√		√				
7	EE104	Electrical Engg. Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	√		√				4,7,8,9,11
8	ME103	Engg Graphics	Core	00	00	02	40	20	60	40	100	0:0:1	1	√	√	√				4,8,9
9	ME104	Workshop Practice	Core	00	01	02	40	20	60	40	100	0:0:1	2	√	√	√		√		4,8,9
Total				14	06	08	360	180	540	360	900	24	24							