



Integral University, Lucknow
Department of Bioengineering
Study and Evaluation Scheme

Program: B.Tech (Biomedical Engineering)

Semester I

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						SDGs
				L	T	P	CT	TA	Total	ESE				Employ ability	Entrepre neurship	Skill Develop ment	Gender Equality	Environment & Sustainability	Human Value	
THEORIES																				
1	PY101	Physics	BS	3	1	0	40	20	60	40	100	3:1:0	4							
2	LN101	Basic Professional Communication	HM	2	1	0	40	20	60	40	100	2:1:0	3							
3	MT101	Mathematics I	BS	3	1	0	40	20	60	40	100	3:1:0	4							
4	EE103	Basic Electrical Engg.	ESA	3	1	0	40	20	60	40	100	3:1:0	4							
5	EC101	Basic Electronics	ESA	3	1	0	40	20	60	40	100	3:1:0	4							
6	**BE102/ BE103	Remedial Mathematics/Remedial Biology	ESA	2	1	0	40	20	60	40	100	0	0							
PRACTICAL																				
7	PY102	Physics Lab	BS	0	0	2	40	20	60	40	100	0:0:1	1							
8	EE104	Electrical Engg. Lab	ESA	0	0	2	40	20	60	40	100	0:0:1	1							
9	ME103	Engg. Graphics	ESA	0	1	2	40	20	60	40	100	0:0:1	1							
10	ME104	Workshop Practics	ESA	0	0	2	40	20	60	40	100	0:0:2	2							
Total				16	7	8	400	200	600	400	1000	24	24							

Semester II

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						SDGs
				L	T	P	CT	TA	Total	ESE				Employ ability	Entrepre neurship	Skill Develop ment	Gender Equality	Environment & Sustainability	Human Value	
THEORIES																				
1	CH101	Chemistry	BS	3	1	0	40	20	60	40	100	3:1:0	4							
2	ES101	Environmental Studies	ESA	2	1	0	40	20	60	40	100	2:1:0	3							
3	MT112	Mathematics II	BS	3	1	0	40	20	60	40	100	3:1:0	4							
4	ME101	Basic Mechanical Engineering	ESA	3	1	0	40	20	60	40	100	3:1:0	4							
5	CS101	Computer Programming	ESA	3	1	0	40	20	60	40	100	3:1:0	4							
PRACTICAL																				
6	CH102	Chemistry Lab	BS	0	0	2	40	20	60	40	100	0:0:1	1							
7	ME102	Mechanical Engineering Lab	ESA	0	0	2	40	20	60	40	100	0:0:1	1							
8	LN151	Professional Communication Lab	HM	0	1	2	40	20	60	40	100	0:0:1	2							
9	CS102	Computer Programming Lab	ESA	0	0	2	40	20	60	40	100	0:0:1	1							
Total				14	6	8	360	180	540	360	900	24	24							