



Integral University, Lucknow
Department of Bioengineering
Study and Evaluation Scheme

Program: B.Tech (Food Technology)

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	CH101	Chemistry	BS	3	1	0	40	20	60	40	100	3:1:0	4						4	
2	ES101	Environmental Studies	ES	2	1	0	40	20	60	40	100	2:1:0	3						4,6,7,13	
3	MT102	Mathematics-I in Bioengineering (BT & FT)	BS	3	1	0	40	20	60	40	100	3:1:0	4						4	
4	ME101	Basic Mechanical Engineering	ESA	3	1	0	40	20	60	40	100	3:1:0	4						4,9	
5	CS101	Computer Programming	ESA	3	1	0	40	20	60	40	100	3:1:0	4						4,9	
PRACTICAL																				
6	CH102	Chemistry Lab	BS	0	0	2	40	20	60	40	100	0:0:1	1						4	
7	ME102	Mechanical Engineering Lab	ESA	0	0	2	40	20	60	40	100	0:0:1	1						4,9	
8	CS102	Computer Programming Lab	ESA	0	0	2	40	20	60	40	100	0:0:1	1						4,9	
9	LN-151	Professional Comm. Lab		0	1	2	40						2						4	
Total				14	6	8	360	180	540	360	900	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	PY-102	Physics in Bioengineering (BT & FT)	BS	3	1	0	40	20	60	40	100	3:1:0	4						4	
2	LN-101	Professional Comm.-I	HM/ ES	2	1	0	40	20	60	40	100	2:1:0	3						4	
3	MT-113	Mathematics-II in Bioengineering (BT & FT)	BS	3	1	0	40	20	60	40	100	3:1:0	4						4	
4	EE-103	Basic Electrical Engineering	ESA	3	1	0	40	20	60	40	100	3:1:0	4						4,9	
5	EC-101	Basic Electronics	ESA	3	1	0	40	20	60	40	100	3:1:0	4						4,9	
6	BE-101	Introduction to Bioengineering (BT & FT)	ESA	0	1	2	40	20	60	40	100	0:1:1	2			v			3,11,12	
PRACTICAL																				
7	PY-104	Physics Lab	BS	0	0	2	40	20	60	40	100	0:0:1	1						4	
8	EE-104	Electrical Engineering Lab	ESA	0	0	2	40	20	60	40	100	0:0:1	1						4,9	
9	ME-103	Engineering Graphics Lab	ESA	0	0	2	40	20	60	40	100	0:0:1	1						4,9	
Total				14	6	8	360	180	540	360	900	24	24							