



Integral University, Lucknow
Department of Mathematics
Study and Evaluation Scheme(w.e.f 2020-21)

B. Sc. (Physics, Mathematics, Statistics)

IInd year / IIIrd Semester

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes							SDG
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
THEORIES																					
1	PY201	Circuit Fundamentals & Basic Electronics	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓					
2	PY202	Kinetic Theory & Thermodynamics	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓					
3	MT216	Sampling Techniques	Core	2	1	0	40	20	60	40	100	2:1:0	3	✓		✓			✓		
4	MT217	Testing of Hypothesis	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓			✓		
5	MT211	Numerical Computing	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓					
PRACTICAL																					
6	PY203	Electronics and Thermal Physics Lab	Practical	0	0	4	40	20	60	40	100	0:0:2	2	✓		✓					
7	MT218	Sampling Techniques Lab	Practical	0	0	4	40	20	60	40	100	0:0:2	2	✓		✓			✓		
8	MT212	Numerical Computing Lab	Practical	0	0	4	40	20	60	40	100	0:0:2	2	✓		✓					
Total				14	5	12	320	160	480	320	800		25	25							

CT = Class Test; TA = Teacher's Assessment; ESE = End Semester Examination; **Sessional** = CT + TA; **Subject Total** = Sessional + ESE



Integral University, Lucknow
Department of Mathematics
Study and Evaluation Scheme(w.e.f 2020-21)

B. Sc. (Physics, Mathematics, Statistics)

IInd year / IVth Semester

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						SDG					
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value		Professional Ethics				
THEORIES																									
1	PY204	Electricity & Magnetism	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓		✓					11		
2	MT219	Design of Experiments (DOE)	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓						✓		12	
3	MT220	Statistical Quality Control (SQC)	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓						✓		12	
4	MT213	Tensor Analysis	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓								9	
5	MT214	Abstract Algebra	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓								9	
PRACTICAL																									
6	PY205	Electricity & Magnetism Lab	Practical	0	0	6	40	20	60	40	100	0:0:3	3	✓		✓								11	
7	MT221	Design of Experiments & Statistical Quality Control Lab	Practical	0	0	4	40	20	60	40	100	0:0:2	2	✓		✓						✓		12	
TOTAL				15	5	10	280	140	420	280	700	25	25												

CT = Class Test; TA = Teacher's Assessment; ESE = End Semester Examination; Sessional = CT + TA; Subject Total = Sessional + ESE