



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

B. Sc. (Physics, Mathematics, Computer Science)

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	CS221	Data Structure	Core	2	1	0	40	20	60	40	100	2:1:0	3			√						 	
4	CS223	Principles of Operating System	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	CS222	Data Structure 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 & Statistics
Study and Evaluation Scheme (w.e.f 2020-21)

B. Sc. (Physics, Mathematics, Computer Science)

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	✓		✓		✓																
2	CS224	Concepts of DBMS	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓																		
3	CS226	Computer Networks & Security	Core	3	1	0	40	20	60	40	100	3:1:0	4			✓																		
4	MT213	Tensor Analysis	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓																		
5	MT214	Abstract Algebra	Core	3	1	0	40	20	60	40	100	3:1:0	4	✓		✓																		
PRACTICAL																																		
6	PY205	Electricity & Magnetism Lab	Practical	0	0	6	40	20	60	40	100	0:0:3	3	✓		✓																		
7	CS225	Concepts of DBMS Lab	Practical	0	0	4	40	20	60	40	100	0:0:2	2	✓		✓																		
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