





**Integral University, Lucknow**  
**Department of Physics**

Study and Evaluation Scheme of Under Graduate & Post Graduate Program as per NEP-2020 Guidelines  
w.e.f. Session 2023-24

**Certificate in Science (Physics, Mathematics & Electronics)**

**Year: Second / Semester: Fourth (Even Semester)**

S. No.	Course Code	Course Title	Type of Paper	Periods Per Week			Evaluation Scheme				Subject Total	Credit	Total Credit	Attributes							SDG
							CIE			UE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment and Sustainability	Human Values	Professional Ethics	
				L	T	P	CT	TA	CIE Total	ESE											
<b>THEORY</b>																					
1	B010401T/ PY209	Perspectives of Modern Physics And Basic Electronics	Major	4	0	0	15	10	25	75	100	4:0:0	4	✓							
2	B030401T/ MT229	Differential Equation and Mechanics	Major	6	0	0	15	10	25	75	100	6:0:0	6	✓		✓					
3	B140401T/ EC293	Digital Electronics	Major	4	0	0	15	10	25	75	100	4:0:0	4	✓							
4	(A040405T/ LN234)/ (F010404TA/ BM292)/ ME262	Essential Professional Communication/ Entrepreneurship Development/ Workshop Practice and Basic Manufacturing Processes	Minor (Elective)	3	1	0	15	10	25	75	100	4:0:0	4	✓	✓	✓			✓	✓	
5	I010401V/ ME263	Computer Aided Machine Drawing and Computer Graphics	Minor (Vocational)	3	0	0	-	-	-	100	100	3:0:0	3	✓		✓					
6	Z040401/ PH201	Physical Education and Yoga	Minor (Co- Curricular)	2	0	0	15	10	25	75	100	2:0:0	2	✓	✓	✓		✓	✓	✓	
<b>PRACTICAL</b>																					
7	B010402P/ PY210	Basic Electronics Instrumentation	Major	0	0	4	15	10	25	75	100	0:0:2	2	✓		✓					
8	B140402P/ EC294	Digital Electronics Lab	Major	0	0	4	15	10	25	75	100	0:0:2	2	✓		✓					
<b>Total</b>				<b>22</b>	<b>1</b>	<b>8</b>	<b>105</b>	<b>70</b>	<b>175</b>	<b>625</b>	<b>800</b>	<b>27</b>	<b>27</b>								