



Department of Physics

Study and Evaluation Scheme of Two Major Four Year B.Sc. Honours Physics/ B.Sc. Honours with Research in Physics Plus One Year PG Program
as Per NEP 2020 (With Effect From: 2024 – 25)

Degree: Diploma in Science (Physics and Major 2)

Year: Second / Semester: Third (Odd 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		
THEORY																						
1	B010301T/ PY207	Electromagnetic Theory and Modern Optics	Major-I	5	1	0	15	10	25	75	100	4:0:0	4	✓		✓						
2	B030301T/ MT228	Algebra and Mathematical Methods	Major-2*	5	1	0	15	10	25	75	100	6:0:0	6	✓		✓						
3	B020301T/ CH232	Chemical Dynamics & Coordination Chemistry		5	1	0	15	10	25	75	100	4:0:0	4	✓		✓						
4	B070301T/ CS273	Operating Systems		5	1	0	15	10	25	75	100	4:0:0	4	✓		✓						
5	B140301T/ EC291	Analog Electronics		5	1	0	15	10	25	75	100	4:0:0	4	✓		✓						
6	I010301V/ ME261	Welding Science and Technology	Minor (Vocational)	2	1	0	--	--	--	100	100	3:0:0	3	✓	✓	✓						
7	(H040304T/ LN230)/ (H040305T / LN231)	कार्यात्मक हिंदी اردو زبان و ادب کا تعارف /	Minor (Co-Curricular)	2	0	0	15	10	25	75	100	2:0:0	2	✓		✓			✓			
PRACTICAL																						
8	B010302P/ PY208	Demonstrative Aspects of Electricity and Magnetism	Major-I	0	0	4	15	10	25	75	100	0:0:2	2	✓		✓						
9	B020302P/ CH234	Physical Analysis	Major-2*	0	0	4	15	10	25	75	100	0:0:2	2	✓		✓						
10	B070302P/ CS274	Operating Systems Lab		0	0	4	15	10	25	75	100	0:0:2	2	✓		✓						
11	B140302P/ EC292	Analog Electronics Lab		0	0	4	15	10	25	75	100	0:0:2	2	✓		✓						
Total				14	3	8	75	50	125	475	600	17	17									

