

**M.Sc. (Physics) - I (Semester - I)**

SR NO	SUBJECT NAME	SUBJECT CODE	Marks	CREDITS	TH / PR	C / O
1	MATHEMATICAL METHODS IN PHYSICS - I	P-MMP-119	100	4	TH	C
2	CLASSICAL & STATISTICAL MECHANICS - II	P-CSM-120				
3	QUANTUM MECHANICS - III	P-QUM-121				
4	ELECTRONIC DEVICES - IV	P-ELD-122				
5	LAB. COURSE - I	P-LAC-123				
6	LAB. COURSE - II	P-LAC-124				
7	SEMINAR	P-SEM-125	25	1	PR	

M.Sc. (Physics) - I (Semester - II)

SR NO	SUBJECT NAME	SUBJECT CODE	Marks	CREDITS	TH / PR	C / O
1	CONDENSED MATTER PHYSICS - V	P-CMP-218	100	4	TH	C
2	ATOMIC AND MOLECULAR PHYSICS - VI	P-AMP-219				
3	MODERN OPTICS - VII	P-MOO-220				
4	ELECTRONIC COMMUNICATION SYSTEMS - VIII	P-ECS-221				
5	LAB. COURSE - III	P-LAC-222				
6	LAB. COURSE - IV	P-LAC-223				
7	SEMINAR - II	P-SEM-224	25	1	PR	

M.Sc. (Physics) - II (Semester - III)

SR NO	SUBJECT NAME	SUBJECT CODE	Marks	CREDITS	TH / PR	C / O
1	ELECTRODYNAMICS AND PLASMA PHYSICS - IX	P-EPP-321	100	4	TH	C
2	NUCLEAR AND PARTICLE PHYSICS - X	P-NPP-322				
3	LASER TECHNOLOGY - XI	P-LET-323				
4	THIN FILM AND NANOTECHNOLOGY - XII	P-TFN-324				
5	LAB. COURSE - V	P-LAC-325				
6	PROJECT - I	P-PRO-326			PR	
7	SEMINAR	P-SEM-327	25	1		

M.Sc. (Physics) - II (Semester - IV)

SR NO	SUBJECT NAME	SUBJECT CODE	Marks	CREDITS	TH / PR	C / O
1	FIBRE OPTICS AND ITS APPLICATIONS - XIII	P-FOA-419	100	4	TH	C
2	LASER SYSTEM AND ITS APPLICATIONS - XIV	P-LSA-420				
3	PHOTONIC DEVICES AND SENSORS - XV	P-PDS-421				
4	INDUSTRIAL PHOTONIC ENGINEERING - XVI	P-IPE-422				
5	LAB. COURSE - VI	P-LAC-423				
6	PROJECT - II	P-PRO-424			PR	
7	SEMINAR	P-SEM-425	25	1		

TOTAL MARKS**TOTAL CREDITS****2500****100**