

Sl. No.	Course Code No.	Title of the Course	Marks			Credit
			CIA	ESE	TOT	
FIRST YEAR						
I SEMESTER						
1	34511	Classical Mechanics	25	75	100	4
2	34512	Mathematical Physics - I	25	75	100	4
3	34513	Linear and Integrated Electronics	25	75	100	4
4	34514	Advanced Electronics and Physics Laboratory - I	25	75	100	4
Total			100	300	400	16
II SEMESTER						
5	34521	Quantum Mechanics - I	25	75	100	4
6	34522	Mathematical Physics - II	25	75	100	4
7	34523	Electromagnetic Theory	25	75	100	4
8	34524	Advanced Electronics and Physics Laboratory - II	25	75	100	4
Total			100	300	400	16
SECOND YEAR						
III SEMESTER						
9	34531	Molecular Spectroscopy	25	75	100	4
10	34532	Quantum Mechanics - II	25	75	100	4
11	34533	Microprocessor and Electronic Instrumentation	25	75	100	4
12	34534	Advanced Electronics and Physics Laboratory - III	25	75	100	4
Total			100	300	400	16
IV SEMESTER						
13	34541	Condensed Matter Physics	25	75	100	4
14	34542	Nuclear and Particle Physics	25	75	100	4
15	34543	Materials Science	25	75	100	4
16	34544	Advanced Electronics and Physics Laboratory - IV	25	75	100	4
Total			100	300	400	16