

INTERNATIONAL COLLEGE FOR GIRLS, JAIPUR
DEPARTMENT OF PHYSICS
Courses of Study for B.Sc (Pass Course)
Six Semester Programme

Credit template (2009-10)

Semester I

S.No.	Paper code	Paper title	Type of paper	Contact Hours		Credits	Max. marks	Min. marks
				Per Semester	Per Week			
1.	PHY-101	Mechanics	Theory	45	3	3	100	36
2.	PHY-102	Electromagnetism	Theory	45	3	3	100	36
3.	PHY-103	Practicals	Practical	60	4	2	100	36

Semester II

S.No.	Paper code	Paper title	Type of paper	Contact Hours		Credits	Max. marks	Min. marks
				Per Semester	Per Week			
1.	PHY-201	Oscillations and Waves	Theory	45	3	3	100	36
2.	PHY-202	Optics	Theory	45	3	3	100	36
3.	PHY-203	Practicals	Practical	60	4	2	100	36

Semester III

S.No.	Paper code	Paper title	Type of paper	Contact Hours		Credits	Max. marks	Min. marks
				Per Semester	Per Week			
1.	PHY-301	Statistical Physics & Thermodynamics	Theory	45	3	3	100	36
2.	PHY-302	Electronics	Theory	45	3	3	100	36
3.	PHY-	Practicals	Practical	60	4	2	100	36

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Semester IV

S.No.	Paper code	Paper title	Type of paper	Contact Hours		Credits	Max. marks	Min. marks
				Per Semester	Per Week			
1.	PHY-401	Mathematical Physics & Numerical Methods	Theory	45	3	3	100	36
2.	PHY-402	Condensed Matter Physics and Devices	Theory	45	3	3	100	36
3.	PHY-403	Practicals & Project	Practical	60	4	2	100	36

Semester V

S.No.	Paper code	Paper title	Type of paper	Contact Hours		Credits	Max. marks	Min. marks
				Per Semester	Per Week			
1.	PHY-501	Quantum Physics	Theory	45	3	3	100	36
2.	PHY-502	Nuclear & Particle Physics	Theory	45	3	3	100	36
3.	PHY-503	Practicals	Practical	60	4	2	100	36

Semester VI

S.No.	Paper code	Paper title	Type of paper	Contact Hours		Credits	Max. marks	Min. marks
				Per Semester	Per Week			
1.	PHY-601	Atomic & Molecular Spectroscopy	Theory	45	3	3	100	36
2.	PHY-602	Communication	Theory	45	3	3	100	36

		Systems						
3.	PHY-603	Practicals	Practical	60	4	2	100	36