DEPARTMENT OF PHYSICS
CITY COLLEGE

LESSON PLAN FOR THE UNDERGRADUATE COURSE
ACADEMIC YEAR 2018-2019 [Odd Semester: 12.07.2018 onwards]

Dr. Mitali Middya

Class	Topics to be covered	No. of lectures	Examination
B.Sc. Hons. Semester 1 CBCS 2018	Core Course: CC2 Mechanics: Central Force Motion, Rotational Dynamics	2/week	As assigned by the University
B.Sc. Hons. 2nd Year (1+1+1)-system	Quantum Mechanics - I	2/week	
B.Sc. Hons. 3rd Year (1+1+1)-system	Paper:V; Unit:10 Quantum Mechanics - II	3/week	

Dr. Mita Mondal

Class	Topics to be covered	No. of lectures	Examination
B.Sc. Hons. Semester 1 CBCS 2018	Core Course: CC2 Mechanics: Gravitation, Elasticity	2/week	As assigned by the University
B.Sc. Hons. 2nd Year (1+1+1)-system	Thermal Physics:	2/week	
B.Sc. Hons. 3rd Year (1+1+1)-system	Paper:V; Unit:10 Atomic Physics	3/week	

Dr. Samapti Pal

Class	Topics to be covered	No. of lectures	Examination
B.Sc. Hons. Semester 1 CBCS 2018	Core Course: CC1 Mathematical Physics I: Matrices	1/week	As assigned by the University
B.Sc. Hons. 2nd Year (1+1+1)-system	Wave and Optics - II	2/week	
B.Sc. Hons. 3rd Year (1+1+1)-system	Paper: VI; Unit:12 Solid State Physics – I	2/week	

Dr. Kausik Mukhopadhyay

Class	Topics to be covered	No. of lectures	Examination
B.Sc. Hons. Semester 1 CBCS 2018	Core Course: CC1 Mathematical Physics I: Calculus, Orthogonal Curvilinear Coordinates	3/week	As assigned by the University
B.Sc. Hons. 3rd Year (1+1+1)-system	Paper:V; Unit:9 Classical Mechanics – II, Special Relativity Units 1 & 2	2/week	
B.Sc. Gen. Semester 1 CBCS 2018	General Course GE1: Mechanics Oscillations, Rotational Motion	2/week	
B.Sc. Gen. 2nd Year (1+1+1)-system	General Course: Modern Physics	1/week	

Dr. Anshuman Nandy

Class	Topics to be covered	No. of lectures	Examination
B.Sc. Hons. Semester 1 CBCS 2018	Core Course: CC1 Mathematical Physics – I: Vector Algebra and Vector Calculus	2/week	As assigned by the University
B.Sc. Hons. 2nd Year (1+1+1)-system	Electrostatics	2/week	
B.Sc. Hons. 3rd Year (1+1+1)-system	Paper VI; Unit:11 Nuclear and Particle Physics - II	2/week	
B.Sc. Gen. Semester 1 CBCS 2018	General Course: GE1 Mathematical Methods	1/week	
B.Sc. Gen. 3rd Year (1+1+1)-system	Communications	1/week	

Dr. Somdeb Chakraborty

Class	Topics to be covered	No. of lectures	Examination
B.Sc. Hons. Semester 1 CBCS 2018	Core Course: CC2 Mechanics Fundamentals of Dynamics, Work and Energy, Non-Inertial Systems, Fluid Motion	2/week	As assigned by the University
B.Sc. Hons. 2nd Year (1+1+1)-system	Electricity and Magnetism	2/week	
B.Sc. Hons. 3rd Year (1+1+1)-system	Statistical Physics Special Relativity: Units 3 & 4	3/week	
B.Sc. Gen. Semester 1 CBCS 2018	General Course: GE1 Laws of Motion, Work and Energy, Gravitation	2/week	
B.Sc. Gen. 3rd Year (1+1+1)-system	Pumps, Gauges and Engines	1/week	

Mr. Tapan Sasmal

Class	Topics to be covered	No. of lectures	Examination
B.Sc. Hons. 3rd Year (1+1+1)-system	Paper : VIIA; Unit:13; Electromagnetic Theory	2/week	As assigned by the University
B.Sc. Gen. 2nd Year (1+1+1)-system	General Course: Electronics	1/week	

Ms. Debasmita Samanta

Class	Topics to be covered	No. of lectures	Examination
B.Sc. Hons. 3rd Year (1+1+1)-system	Paper: VI; Unit:12 Solid State Physics – II	1/week	As assigned by the University
B.Sc. Gen. Semester 1 CBCS 2018	General Course: GE1 Elasticity, Surface Tension, Viscosity	1/week	
B.Sc. Gen. 2nd Year (1+1+1)-system	General Course: Electricity and Magnetism	1/week	
B.Sc. Gen. 3rd Year (1+1+1)-system	General Course: Electronics	1/week	

Ms. Devdali Banerjee

Class	Topics to be covered	No. of lectures	Examination
B.Sc. Hons. 2nd Year (1+1+1)-system	Electronics - II	2/week	As assigned by the University
B.Sc. Hons. 3rd Year (1+1+1)-system	Paper VI; Unit:11 Nuclear and Particle Physics - I	1/week	
B.Sc. Gen. 2nd Year (1+1+1)-system	General Course: Physical Optics	1/week	
B.Sc. Gen. 3rd Year (1+1+1)-system	General Course: Energy Sources	1/week	