

**DEPARTMENT OF PHYSICS  
CITY COLLEGE**

**LESSON PLAN FOR THE UNDERGRADUATE COURSE  
ACADEMIC YEAR 2019-2020 [Even Semesters: 17.02.2020 onwards]**

**Dr. Mitali Middy**

<b>Class</b>	<b>Topics to be covered</b>	<b>No. of lectures</b>	<b>Examination</b>
B.Sc. Hons. Semester 4 CBCS 2018	Core Course: CC8 Mathematical Physics-III:- Complex Analysis, Integral Transforms	2/week	As assigned by the University

**Dr. Mita Mondal**

<b>Class</b>	<b>Topics to be covered</b>	<b>No. of lectures</b>	<b>Examination</b>
B.Sc. Hons. Semester 4 CBCS 2018	Core Course: CC9 Analog Electronics: Semiconductor Diode; Two Terminal Devices and Applications; Bipolar Junction Transistor; Field Effect Transistors	2/week	As assigned by the University

**Dr. Samapti Pal**

<b>Class</b>	<b>Topics to be covered</b>	<b>No. of lectures</b>	<b>Examination</b>
B.Sc. Hons. Semester 2 CBCS 2019	Core Course: CC4 Waves and Optics: Wave optics, Interference, Interferometers, Diffraction	2/week	As assigned by the University
B.Sc. Hons. Semester 4 CBCS 2018	Core Course: CC9 Elements of Modern Physics Unit I	1/week	

**Dr. Kausik Mukhopadhyay**

Class	Topics to be covered	No. of lectures	Examination
B.Sc. Hons. Semester 2 CBCS 2019	Core Course: CC4 Waves and Optics: Oscillations, Superposition of harmonic oscillations, Wave motion, Superposition of harmonic Waves	2/week	As assigned by the University

**Dr. Anshuman Nandy**

Class	Topics to be covered	No. of lectures	Examination
B.Sc. Hons. Semester 2 CBCS 2019	Core Course: CC3: Electricity and Magnetism: Magnetostatic Field, Magnetic properties of matter, Electromagnetic induction, Electrical circuits	2/week	As assigned by the University
B.Sc. Hons. Semester 4 CBCS 2018	Core Course: CC9: Elements of Modern Physics Unit I, II, IV	2/week	

**Dr. Somdeb Chakraborty**

Class	Topics to be covered	No. of lectures	Examination
B.Sc. Hons. Semester 2 CBCS 2019	Core Course: CC3 Electricity and Magnetism: Dirac Delta; Electrostatic Field, Dielectric properties of matter; Method of Images; Electrostatic Energy	2/week	As assigned by the University
B.Sc. Hons. Semester 4 CBCS 2018	Core Course: CC8 Mathematical Physics III 3. Introduction to Probability; 4. Special Theory of relativity;	2/week	

**Dr. Arindam Midya**

<b>Class</b>	<b>Topics to be covered</b>	<b>No. of lectures</b>	<b>Examination</b>
B.Sc. Hons. Semester 4 CBCS 2019	Core Course: CC9 Analog electronics: Field Effect Transistor; Amplifier	2/week	As assigned by the University
B.Sc. Hons. Semester 4 CBCS 2018	SEC-B2 Arduino	1/week	

**Ms. Debasmita Samanta**

<b>Class</b>	<b>Topics to be covered</b>	<b>No. of lectures</b>	<b>Examination</b>
B.Sc. Gen. Semester 2 CBCS 2019	General Course: GE2 Electricity & magnetism: Essential Vector Analysis, Electrostatics	1/week	As assigned by the University
B.Sc. Gen. Semester 4 CBCS 2018	General Course: GE4 Waves & Optics: Introduction to wave Optics, Interference, Diffraction, Polarization	2/week	

**Ms. Devdali Banerjee**

<b>Class</b>	<b>Topics to be covered</b>	<b>No. of lectures</b>	<b>Examination</b>
B.Sc. Gen. Semester 2 CBCS 2019	General Course: GE2 Electricity & magnetism: Magnetism, Electromagnetic Induction, Electrodynamics	1/week	As assigned by the University
B.Sc. Gen. Semester 4 CBCS 2018	General Course: GE4 Waves & Optics: Acoustics, Superposition of vibrations, Vibration in String	1/week	