

## Summary of Lesson Plan

**Name of the College: IGN College, Ladwa**

**Academic Session 2020-2021**

**Semester: Even**

April 2021					
Sr. No	Name of Asst Prof.	Subject	Class	Topic/Chapter to be covered	Assignment/test
1.	Dr. Neetu	Physics	B.sc I	Semiconductors (Unit-1 <sup>st</sup> )	
			B.Sc II	Classical Statistics (Unit-1 <sup>st</sup> ), postulates of statistical physics, phase space, division of phase space into cell three kind of statistics, basic approach in three statistics(Unit-II)	
			B.sc III	Historical Background of Atomic Spectroscopy(Unit-Ist),Orbital magnetic dipole moment(Bohr Magnetron) behaviour of magnetic dipole in external magnetic field;Larmor's Precession and theorm(Unit-II)	
May 2021					
Sr. No	Name of Asst Prof.	Subject	Class	Topic/Chapter to be covered	Assignment/test
1.	Dr. Neetu	Physics	B.sc I	Transistors(Unit-II), some part of Transistor Amplifiers(Unit III)	Unit-1 <sup>st</sup> assignment
			B.Sc II	Rest Of Statistical Physics-II (Unit-II),Need of Quantum Statistics :Bose Einstein energy distribution Law(Unit-III)	Unit-1 <sup>st</sup> assignment
			B.sc III	Rest of Vector Atom Model (Unit-II), Essential features of alkaline earth elements, vector model for two valence electron :application of spectra(Unit-III)	Unit-1 <sup>st</sup> assignment

<b>June 2021</b>					
<b>Sr. No</b>	<b>Name of Asst Prof.</b>	<b>Subject</b>	<b>Class</b>	<b>Topic/Chapter to be covered</b>	<b>Assignment/test</b>
1.	Dr. Neetu	Physics	B.sc I	Rest of Transistor Amplifiers(Unit III), Oscillators(Unit IV)	Unit-IIInd Test
			B.Sc II	Quantum Statistics(UNIT-III),Dulong And Petit Law, Derivation of Dulong and Petit law from classical physics, Specific heat of low temperature(Unit-IV)	Unit-IIInd Test
			B.sc III	Vector Atom Model (Unit-III), Atom in external FIELD (ONE PART OF Unit-IV)	Unit-IIInd Test
<b>July 2021</b>					
<b>Sr. No</b>	<b>Name of Asst Prof.</b>	<b>Subject</b>	<b>Class</b>	<b>Topic/Chapter to be covered</b>	<b>Assignment/test</b>
1.	Dr. Neetu	Physics	B.sc I	Revision of Unit-IV	Unit-IIIrd assignment
			B.Sc II	Einstein theory of specific heat, Criticism of Einstein theory, Debye theory, outcomes of debye theory, comparison between two theory(Unit IV), Revision of Unit-IV	Unit-IIIrd assignment
			B.sc III	Molecular Physics (part 2 of Unit IV) Revision of Unit-IV	Unit-IIIrd assignment