

Summary of lesson plan

Name of the college: IGN college, Ladwa

Academic Session 2023-2024

Semester: even

January 2024					
Sr. No	Name of Asst Prof.	Subject	Class	Topic/Chapter to be covered	Assignment/test
1.	Dr. Neetu	Physics	B.Sc II	Classical Statistics (Unit-1 st), postulates of statistical physics, phase space, division of phase space into cell three kind of statistics, basic approach in three statistics(Unit-II)	Unit-1 st assignment
			B.sc III	Historical Background of Atomic Spectroscopy(Unit-Ist),Orbital magnetic dipole moment(Bohr Magneton) behaviour of magnetic dipole in external magnetic field;Larmor's Precession and theorm(Unit-II)	Unit-1 st assignment
			B.sc I	Vector Background and Electric Field (Unit-1 st)	
			B.A. I MDC	Light and optics (Unit-1 st)	
Febuary 2024					
Sr. No	Name of Asst Prof.	Subject	Class	Topic/Chapter to be covered	Assignment/test
1.	Dr. Neetu	Physics	B.Sc II	Rest Of Statistical Physics-II (Unit-II),Need of Quantum Statistics :Bose Einstein energy distribution Law(Unit-III)	Unit-IIInd Test
			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-IIInd Test
			B.sc I	Rest of Unit –I,Magnetic Field (Unit-II)	Unit-1 st assignment

			B.A I MDC	Rest of Unit –I,Image formation through reflection-images formed by plane mirrors, multiple images formed by two flat mirrors and optical illusions; images formed by parabolic mirrors and spherical mirrors (Unit-II)	Unit-1 st assignment
March 2024					
Sr. No	Name of Asst Prof.	Subject	Class	Topic/Chapter to be covered	Assignment/test
1.	Dr. Neetu	Physics	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-IIIrd assignment
			B.sc III	Vector Atom Model (Unit-III), Atom in external FIELD (ONE PART OF Unit-IV)	Unit-IIIrd assignment
			B.sc I	Rest of Unit –II, Time varying electromagnetic fields (Unit III)	Unit-II Test
			B.A. I MDC	Rest of Unit –II, Electricity (Unit-III)	Unit-II Test
April 2024					
Sr. No	Name of Asst Prof.	Subject	Class	Topic/Chapter to be covered	Assignment/test
1.	Dr. Neetu	Physics	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	
			B.sc III	Molecular Physics (part 2 of Unit IV) Revision of Unit-IV	
			B.sc I	Rest of Unit –III, Electromagnetic Waves (Unit IV)	Unit-IIIrd assignment
			B.A I MDC	Rest of Unit –III, Structure of an atom (Unit-IV)	Unit-IIIrd assignment
May 2024					
Sr. No	Name of Asst Prof.	Subject	Class	Topic/Chapter to be covered	Assignment/test
1.	Dr. Neetu	Physics	B.sc I	Rest of Unit IV	
			B.A I MDC	Rest of Unit-IV	

