

Lesson plan

Name of the college: IGN COLLEGE, LADWA

Academic session: 2021-2022

Semester: odd

Dr. Arvind Garg

Associate Professor

Physics Department

Month	Class	Topic/Chapter to be covered	
Paper PH:502, Nuclear physics			
October	B.Sc. VI Sem.	Nuclear Structure and Properties of Nuclei (unit - I)	
November	B.Sc. VI Sem.	Nuclear Radiation Decay process & Radiation interaction (unit - II)	1 st Assignment
December	B.Sc. VI Sem.	Nuclear accelerators and nuclear radiation detectors (unit - III)	Test
January	B.Sc. VI Sem.	Nuclear reactions and nuclear reactors (unit-IV)	2 nd Assignment
Paper PH:302, Wave and optics - I			
October	B.Sc. IV Sem.	Interference -I (unit - I) Interference by wavefront	
November	B.Sc. IV Sem.	Interference -II (unit - II) Interference by amplitude	1 st Assignment
December	B.Sc. IV Sem.	Diffraction - I (unit - III) Fresnel diffraction	Test
January	B.Sc. IV Sem.	Diffraction - II (unit - IV) Fraunhofer diffraction	2 nd assignment
Paper PH : 101 Classical Mechanics and theory of relativity			
October	B.Sc. I Sem.	Basic concepts of classical mechanics (unit - I)	
November	B.Sc. I Sem.	Generalized notations (unit - II)	1 st assignment
December	B.Sc. I Sem.	Theory of relativity (unit III)	Test
January	B.Sc. I Sem.	Applications of theory of Relativity (unit-IV)	2 nd Assignment

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(DR. A-K. GARG)