

JAGDISH NANDAN COLLEGE, MADHUBANI

Department of Physics

Semester-II online classes by google meet(01/02/2024 to 27/02/2024)

TIME TABLE

DATE	MJC(12:00-12:50)	MIC(1:00-1:50)	MDC(2:00-2:50)
01/02/2024	Definition and types of wave motion	Definition and types of wave motion	Basic concept of crystallography
02/02/2024	Characteristics and classification of wave motion	Characteristics and classification of wave motion	Units cell and primitive unit cell
03/02/2024	Longitudinal and Transverse wave with examples	Longitudinal and Transverse wave with examples	Lattice, Basis and Crystal structure
05/02/2024	Stationary and Progressive wave	Stationary and Progressive wave	Bravais lattice
06/02/2024	Equation of stationary wave	Equation of stationary wave	Miller indices
07/02/2024	Equation of stationary wave	Equation of stationary wave	Reciprocal lattice
08/02/2024	Equation of Progressive wave	Equation of Progressive wave	Symmetry operation in crystal structure
09/02/2024	Equation of Progressive wave	Equation of Progressive wave	Crystal structure :- hcp, Fcc, bcc
10/02/2024	Superposition of two harmonic waves	Superposition of two harmonic waves	Crystal structure :- hcp, Fcc, bcc
12/02/2024	Interference and Beats in wave motion	Interference and Beats in wave motion	Structure of sodium chloride
13/02/2024	Beats and combination of tones	Beats and combination of tones	Cesium chloride crystal structure
15/02/2024	Pressure, energy and intensity in wave propagation	Pressure, energy and intensity in wave propagation	Inter planar spacing
16/02/2024	Definition and explanations of sound waves	Definition and explanations of sound waves	Crystal type and crystal binding
17/02/2024	Nature, Speed and Reflection of sound wave	Nature, Speed and Reflection of sound wave	Ionic crystal
29/02/2024	Newtons formula for velocity of sound in air	Newtons formula for velocity of sound in air	Covalent crystal
20/02/2024	Newtons formula for velocity of sound in air	Newtons formula for velocity of sound in air	Metal crystal
21/02/2024	Laplace's correction	Laplace's correction	Molecular crystal
22/02/2024	Characteristics of musical sound	Characteristics of musical sound	Hydrogen bonded crystal
23/02/2024	Musical scale and consonance	Musical scale and consonance	Calculation of BE in different types of crystals
27/02/2024	Accourtic of Buildings	Accourtic of Buildings	Crystal of inert gasses

Supriya
31.01.24
Principal
J N. COLLEGE
Madhubani

Supriya Kumari
31/01/2024

Dr. Supriya Kumari