

Lesson Plan

Name of the Assistant/ Associate Professor:Sudesh..... Sem...Ist...

Class and Section: B.Sc. Ist (NM) Subject: Physics (Mechanics and Electricity)

Month	Topics
21 st July 2023 to 31 st July 2023	Basic Concept of Classical Mechanics.
1 st August 2023 to 31 st August 2023	Generalised co-ordinates Dynamics of Rigid Bodies Class Test
1 st September 2023 to 30 th Sept. 2023	Mathematical background (Vectors) Electrostatic field.
1 st October 2023 to 31 st Oct. 2023	Magnetic fields, Properties of magnetic material and Hysteresis.
1 st Nov. 2023 to 24 th Nov. 2023	Electromagnetic theory Assignment

Sudesh
Teacher's Signature

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Name of the Assistant/ Associate Professor:Sudesh..... Sem. III

Class and Section: B.Sc. IInd (N.M.)

Subject:Physics (Computer Programming, Thermodynamics & Optics).....

Month	Topics
21 st July 2023 to 31 st July 2023	Computer organization, Binary Representation, Algorithm development, Flow charts, Format Specifications.
1 st August 2023 to 31 st August 2023	Thermodynamics, Entropy, Joule's free Expansion, Liquefaction of gases, Derivation of Clausius-Clapeyron Latent Heat eq ⁿ , Phase diagram and Triple Point, Thermodynamical functions (class Test)
1 st September 2023 to 30 th Sept. 2023	Development of Maxwell Thermodynamical Relation, Fourier's Series and its applications, Fourier Transforms Transverse vibrations of strings (class Test)
1 st October 2023 to 31 st Oct. 2023	Geometrical optics : Introduction Matrices
1 st Nov. 2023 to 24 th Nov. 2023	Physical optics : Introduction Interference of Light Assignment

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Name of the Assistant/ Associate Professor: Sudesh Sem. Vth

Class and Section: B.Sc. IIIrd (NM) Subject: Physics (Solid state Physics & quantum mechanics)

Month	Topics
21 st July 2023 to 31 st July 2023	Crystal structure-I Introduction, crystalline Solids, Amorphous Solids, LCD, Lattice Basis, Bravais Lattices.
1 st August 2023 to 31 st August 2023	Crystal structure - II Crystal Diffraction Class Test
1 st September 2023 to 30 th Sept. 2023	Reciprocal Lattice, Specific Heat of Solids, Origin of Quantum mechanics, Photoelectric effect, Compton effect, Davisson and Germer's Experiment, G.P Thomson's Exp., Heisenberg's Uncertainty Principle
1 st October 2023 to 31 st Oct. 2023	Schrodinger Wave equation Wave function and its significance
1 st Nov. 2023 to 24 th Nov. 2023	Applications of Schrodinger wave equation. Assignment.

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