

Lesson Plan 2025-26

Teacher Name-: Dr. Sanjeev Kumar

Name of the Class -: B.Sc (Hons.) Physics 5th sem

Name of the Subject -: -: Nano Technology

Month	Topic
July to August	Free Electron Theory (Qualitative Idea) and its features, Idea of Band Structure, Metals and Test
August to September	Insulators and semiconductors, Density of States in Bands, Variations of Density of states with energy, Variations of Density of states and band gap with size of crystal and Test
September to October (Assignment & Test-1)	Variations of Density of states and band gap with size of crystal. Electron Confinement in Infinitely deep square well, confinement in two and dimensional well and Test
October to November (Assignment & Test-2)	Idea of quantum well structure, Quantum dots and Quantum wires and Test

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Teacher Name:- Dr. Sanjeev Kumar

Name of the Class -: B.Sc (Hons.) Physics 5th sem

Name of the Subject and Code :- Physics of Materials-1

Month	Topic
July to August	Amorphous and Crystalline materials, Lattice Translation vectors, Lattice with a basis central and Non Central Elements. Unit cell, Reciprocal lattice, Types of Lattices,
August to September	Crystal Diffraction:- Bragg's Law, Diffraction of X-Rays, atoms and geometrical structure factor, S Rays Diffraction methods :- Measurement of lattice Parameter for cubic lattices.
September to October (Assignment & Test-1)	Lattices Vibrations, Linear monatomic and diatomic chains, Acoustical and Optical Phonons, Qualitative descriptions of the Phonon spectrum in solid Brillion Zones, Einstein and Debay theories of specific heat of solid T3 law.
October to November (Assignment & Test-2)	Response of substances of magnetic field Dia, para and ferric and ferromagnetic materials, Classical Lining theory of Dia and paramagnetic domains, Quantum mechanical treatment of paramagnetic. Curie's Law, Weiss theory of ferromagnetic domains, Qualitative discussion of ferromagnetic and ferrities.

Lesson Plan 2025-26

Teacher Name-: Dr. Preeti Arora

Name of the Class -: M.com 3rd Sem

Name of the Subject and Code -: Corporate Governess.

Month	Topic
August	Meaning Need & Corporate Governance, Theoretical Foundations of Corporate Governance, Evolution of Corporate Governance, Corporate Governance in Public and Private Enterprises.
September	Role, Compositions and Responsibilities of Committee of Board of Directors, Role of Shareholder institutional Investors, Independent Directors in Corporate Governance, SEBI (LODR) Regulations.
October (Assignment & Test-1)	Meaning Scope and Importance of Business Ethics, Ethical Decision Making, Corporate social Responsibilities,
November (Assignment & Test-2)	Global Corporate Governance and Emerging Issues, Challenging in Corporate Governance in Emerging Markets
December	Revision

Lesson Plan 2025-26

Teacher Name-: Dr. Preeti Arora

Name of the Class -: BBA- 3rd Sem (NEP)

Name of the Subject and Code -: Corporate Governance Code: 25IMSI403DS02

Month	Topic
August	Introduction – Concept of corporate governance, need for corporate governance, issues in corporate governance, corporate governance mechanism, corporate social responsibility, obligation to society, investors, employee, customers
September	Board of Director – Composition and role of Board of Directors, legal aspects and liabilities, functions and duties of the board, committees of the board, role of independent directors
October (Assignment & Test-1)	Financial Disclosures – Code of corporate governance, accounting standards and disclosures, financial disclosure norms and practices, role of audit committee, SEBI and Government
November (Assignment & Test-2)	Contemporary Issues – Corporate governance in banks, role of trustees, Cadbury Report, Greenbury Report, CII's recommendations
December	Revision