Chemistry UG (2025-2026) 24UN-CHE-201

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem .B.Sc.I.(2nd sem) Subject Chemistry Lecturer Name Dr. Nisha

Course objectives ..To know about Covalent Bond theory, VSEPR theory, MOT theory. ② Distribution Laws ③ Alkanes & Cycloalkanes, Alkenes ④ Semiconductor & metallic bo

Week	Topics	Methodology
01 Jan - 3 Jan	Covalent Bond theory, & shape of some basic molecules	Lecture Method
05 Jan to 10 Jan	VSEPR Theory and basic of hybridisation with suitable example.	4
12 Jan to 17 Jan	Molecular orbital theory, Ionic solids & structures, Radius Ratio Rule & some other rules.	4
19 Jan to 24 Jan	Chemical Kinetics, Rate law & integrated rate expression.	4
27 Jan to 31 Jan	Distribution Laws., their derivations, Degree of hydrolysis and hydrolysis constant.	4
02 Feb to 07 Feb	Alkanes & their basic information. Nomenclature & classification.	4
09 Feb to 14 Feb	Isomerism in alkanes, Source method of formation	4
16 Feb to 21 Feb	Naming reaction like Wurtz, Kolbe, Corey-House etc.	4

Week	Topics	Methodology
23 Feb to 28 Feb	Nomenclature of cycloalkanes, Bayer's strain theory	"
01 Mar to 08 Mar	Holi Break	
09 Mar to 14 Mar	Alkenes, naming & their structure, Method of formation	"
16 Mar to 21 Mar	Saytzeff's Rule, stability of alkenes. Basic chemical reactions	"
30 Mar to 04 April	House Test	
06 April to 11 April	Markownikoff's Rule of addition	"
13 April to 18 April	Hydrogen Bonding & Vander waals forces, Definition types effect of hydrogen bonding	"
20 April to 25 April	Metallic Bond & Semiconductor Qualitative idea of valence bond & Band theories.	"
27 April to 02 May	Semiconductor - Introduction types & application.	"
04 May to 05 May	Revision	

Reference Books:- Lee .J.D, K.L Kapoor, Clayden Morrison, B.D Khosla

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Sc I (CS) 2nd Sem Subject Chemistry Lecturer Name Dr. Nisha

Course objectives: (1) To know about Periodic Table, Basic properties (2) Metallic Bond & Semiconductor (3) Resonance & different rules (4) Stereochemistry, enantiomers

Week	Topics	Methodology
01 Jan - 3 Jan	Periodic table in detail and its classification	chalk & Board
05 Jan to 10 Jan	Basic properties including atomic & ionic radii, ionization energy, electron affinity	"
12 Jan to 17 Jan	Electronegativity, Trends in periodic table, slater Rule, effective nuclear charge.	"
19 Jan to 24 Jan	Hybridisation & Shape of some inorganic molecules.	"
27 Jan to 31 Jan	Ionic solids in detail Stoichometric & non-Stoichometric	"
02 Feb to 07 Feb	Lattice energy, Born-Haber cycle, solvation energy & its relationship.	"
09 Feb to 14 Feb	Fajan's Rule, metallic Bond. study in details.	"
16 Feb to 21 Feb	Metallic Bond & semiconductor detail study	"

Week	Topics	Methodology
23 Feb to 28 Feb	Localized & Delocalised chemical Bond, vandeWaal interaction	"
01 Mar to 08 Mar	Holi Break	
09 Mar to 14 Mar	Resonance, hyperconjugation, inductive effect & electromeric effect.	"
16 Mar to 21 Mar	Revision	
30 Mar to 04 April	House Test	
06 April to 11 April	Stereochemistry, concept of isomerism, type of isomerism.	Chalk & Board
13 April to 18 April	optical isomerism, element of symmetry, condition enantiomers.	"
20 April to 25 April	type of enantiomers, relative and absolute configuration	"
27 April to 02 May	Geometrical isomerism & their determination	"
04 May to 05 May	Revision	

Reference Books:- K.L Kapoor, B.D Khosla, Pardeep's inorganic, Modern.

Lecturer

HOD

Ms. Minakshi
Ms. Tanya
Dr. Ritika, Dr. Rucha

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Sc I (2nd sem) Subject Chemistry (Practical) Lecturer Name Dr. Nisha

Course objectives ...To..... determine the basic about titrations, determination of Mg^{2+} by EDTA, paper chromatography viscosity and specific reactivity.

Week	Topics	Methodology
01 Jan - 3 Jan	Basic about Titrations.	Practical Method
05 Jan to 10 Jan	Complexometric Titrations in detail	〃
12 Jan to 17 Jan	Determination of Mg^{2+} by EDTA	Experiment 4
19 Jan to 24 Jan	Repeat experiment.	〃
27 Jan to 31 Jan	Basic about Chromatography	〃
02 Feb to 07 Feb	Paper Chromatography	〃
09 Feb to 14 Feb	Qualitative analysis of following inorganic cation & anion by Paper chromatography.	〃
16 Feb to 21 Feb	Repeat experiment.	

Week	Topics	Methodology
23 Feb to 28 Feb	To determine the viscosity of given liquid using ostwald's viscometer.	"
01 Mar to 08 Mar	Holi Break	
09 Mar to 14 Mar	To determine the specific refractivity of at least two liquid by Refractometer.	"
16 Mar to 21 Mar	Revision of above experiment related viva Question.	"
30 Mar to 04 April	House Test	
06 April to 11 April	Viva related to above experiment.	"
13 April to 18 April	Seperation of mixture of two organic compound by TLC	"
20 April to 25 April	Repeat experiment.	
27 April to 02 May	Viva	
04 May to 05 May	Repeat all experiment.	

Reference Books:- B.D, Khosla, B.L Kapoor.

Ritika

Lecturer

Ritika

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem .B.Sc IInd year (IV Sem) (Major + VOC) Subject ..... Chemistry- IV (24UNCHE-401) Lecturer Name . Dr. Rikka Chaudhary, Ms. Tanya, Ms. Mumakshi, Dr. Nisha.

Course objectives .....

i) Classify d-block and f-block elements and also know their properties
ii) Learn about the basic idea of analysis with respect to qualitative as well as quantitative measures
iii) Know about the first and second law of thermodynamics and also their implications iv) Know about alcohols, phenols, aldehydes & ketones

Week	Topics	Methodology
01 Jan - 3 Jan	–	–
05 Jan to 10 Jan	–	–
12 Jan to 17 Jan	Chemistry of d-block elements :- Definition of transition elements, General characteristic properties of d-block elements, Comparision of ionic radii 3d, 4d and 5d series elements	Lecture Method
19 Jan to 24 Jan	magnetic properties, stability of various oxidation states and latimer and frost diagrams, structure of some compounds of transition elements TiO_2, $VOCl_2$, $FeCl_3$, $CuCl_2$ and $Ni(CO)_4$	"
27 Jan to 31 Jan	Chemistry of f-block elements :- Lanthanide contraction, oxidation state, magnetic properties, complex formation colour & ionic radii	"
02 Feb to 07 Feb	Actinides General characteristic of actinides, Transuranic elements, comparision of properties of lanthanides and actinides with transition elements.	"
09 Feb to 14 Feb	Thermodynamics - I :- First law of thermodynamics, Statement, concept of internal energy and enthalpy, Heat	"
16 Feb to 21 Feb	capacity, heat capacities at constant volume and pressure and their relationship - Joule - Thomson coefficient for ideal gas and real gas and	"

Week	Topics	Methodology
23 Feb to 28 Feb	inversion temperature. Calculation of w, q, dU & dH for the expansion of ideal gases under isothermal and adiabatic conditions for reversible process.	"
01 Mar to 08 Mar	**Holi Break** Assignment	
09 Mar to 14 Mar	Second law of thermodynamics:- carnot cycles and its efficiency, concept of entropy, entropy as a function of V & T entropy as a function of P & T	"
16 Mar to 21 Mar	chemical equilibrium:- concept of equilibrium constant, Temperature dependence of equilibrium constant clausis - clapeyron equation & its application.	"
30 Mar to 04 April	**House Test** Alcohols Monohydric alcohols, nomenclature methods of formation by reduction of aldehydes, ketones, carboxylic acids, esters, hydrogen bonding, acidic nature,	#
06 April to 11 April	Reaction of alcohols, Phenols:- nomenclature, structure & bonding, Preparation: Cumene hydroperoxide, method from diazonium salts, physical property & acidic character. Chemical	"
13 April to 18 April	reaction electrophilic aromatic substitution mechanism of fries rearrangement claisen rearrangement, Reimer-Tiemann reaction, Kolbe's reaction. Aldehydes & Ketones nomenclature and structure of	"
20 April to 25 April	carbonyl group. Preparation oxidation of alcohols, from acid chlorides and from nitriles comparision of reactivity of aldehyde & ketone mechanism of nucleophilic additions to carbonyl	"
27 April to 02 May	group. benzoin, aldol, perkin and knoevenagel condensation. Condensation with ammonia and its derivatives wittig reaction. Mannich reaction,	"
04 May to 05 May	Baeyer Villiger oxidation of ketones, Cannizzaro reaction, MPV, Clemmensen & wolf Kishner reductions.	"

Reference Books:- Modern's & Pradeep's

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Dr. Ritika Chaudhary
Dr. Richa

Class with Sem ..B.Sc. IInd (IV Sem) Subject ..Chemistry.-IV.. Lecturer Name Ms. Tanya
(24UN-CHE-401)

Course objectives .....

i) Preparation of aspirin
ii) Preparation of m-nitroaniline
iii) To get knowledge about identification of acidic & basic radical

Week	Topics	Methodology
01 Jan - 3 Jan	–	–
05 Jan to 10 Jan	–	–
12 Jan to 17 Jan	To prepare salicylic acid from aspirin	Practical
19 Jan to 24 Jan	To prepare salicylic acid from aspirin	"
27 Jan to 31 Jan	To prepare m-nitroaniline from m-dinitrobenzene	"
02 Feb to 07 Feb	To prepare m-dinitroaniline from m-dinitrobenzene	"
09 Feb to 14 Feb	Semi micro qualitative analysis of mixture (Theory)	"
16 Feb to 21 Feb	Qualitative analysis of mixture ($Pb(NO_3)_2$, $(NH_4)_2CO_3$	"

Week	Topics	Methodology
23 Feb to 28 Feb	Qualitative analysis of mixture ($Pb(NO_3)_2$ & $(NH_4)_2CO_3$)	"
01 Mar to 08 Mar	Holi Break	—
09 Mar to 14 Mar	Qualitative analysis of mixture ($FeSO_4$ & $CaCO_3$)	"
16 Mar to 21 Mar	Qualitative analysis of mixture $PbSO_4$ $(NH_4)PO_4$	"
30 Mar to 04 April	House Test	—
06 April to 11 April	Qualitative analysis of mixture ($FeSO_4$ & $CaCO_3$)	"
13 April to 18 April	Qualitative analysis of mixture ($PbSO_4$ & $(NH_4)_3PO_4$)	"
20 April to 25 April	Revision	"
27 April to 02 May	Viva Voice	"
04 May to 05 May	Viva Voice	"

Reference Books:- Modern's

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Sc. III (6th Sem) Subject Organic spectroscopy - II (20UCHE-601) Lecturer Name Ms. Tanya

Course objectives .....

i) To know about applications of IR in structure elucidation of organic compounds
ii) To know about basic principle of NMR, chemical shifts
iii) To know about interpretation of PMR spectra of simple organic compounds iv) To know about ion production methods like EI, CI, FD and FAB

Week	Topics	Methodology
01 Jan - 3 Jan	Infrared spectroscopy :- Application of IR in structure elucidation of organic compounds carbonyls and effect of substituent on it, C-H, N-H,	lecture method
05 Jan to 10 Jan	O-H vibrations and H- bonding, unsaturated mono- and disubstituted aromatic compounds, metal-ligand vibrations, group frequencies of complex ligands - CN stretching	"
12 Jan to 17 Jan	and effect of co-ordination on it, nitro and nitrite and C=O ligands and effect of their co-ordination with metal ions. Applications of far	"
19 Jan to 24 Jan	and near IR. NMR spectroscopy. I :- Basic principles of nuclear magnetic resonance, chemical shift and its measurement, factors	"
27 Jan to 31 Jan	influencing chemical shift, spin-spin coupling, mechanism of nuclear spin spin interaction, different spin systems, coupling constant and	"
02 Feb to 07 Feb	factors effecting coupling constant. Anisotropic effect in alkene, alkyne, aldehyde and aromatics	"
09 Feb to 14 Feb	simplification of complex proton spectra with examples.	"
16 Feb to 21 Feb	NMR spectroscopy II :- Interpretation of PMR spectra of simple organic compounds	"

Week	Topics	Methodology
23 Feb to 28 Feb	Distinction between geometrical isomers.	"
01 Mar to 08 Mar	**Holi Break** Assignments	—
09 Mar to 14 Mar	CB NMR Spectroscopy:- Basic principle, Chemical shift / its calculation	"
16 Mar to 21 Mar	Application of IR, UV and NMR for identification of simple organic molecules.	"
30 Mar to 04 April	**House Test**	—
06 April to 11 April	Mass spectroscopy:- Ion production - EI, CI, FD and FAB, factors affecting	"
13 April to 18 April	fragmentation, Mclafferty rearrangement, Nitrogen rule	"
20 April to 25 April	mass spectral fragmentation of organic compounds having common functional group.	"
27 April to 02 May	Combined problems relating to structure elucidation by UV, IR, NMR spectroscopy and mass spectrometry.	"
04 May to 05 May	— Revision —	"

Reference Books:- 1). RM Silverstein.

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Sc. 6th Sem Subject Chemistry Lecturer Name Ms. Minakshi

Course objectives (1) To know about Quantum mechanics
(2) To know about rigid Rotor, schrodinger equation
(3) To know about molecular spectroscopy.
(4) To know about Vibrational spectroscopy.

Week	Topics	Methodology
01 Jan - 3 Jan	Unit-I Black-Body radiation, Plank radiation law, Photoelectric effect, Compton effect	Board and Chalk
05 Jan to 10 Jan	Wave function and its significance of postulate of quantum mechanics, Quantum mechanical operator.	〃
12 Jan to 17 Jan	Commutation relation, Hamiltonian operator, Hermition operator Schrodinger equation and its applicati	〃
[illegible] Jan to 24 Jan	Particle in a box problem., quantization of energy level, zero point energy degeneracy	〃
27 Jan to 31 Jan	Extension to three dimensional Box. Heisenberg uncertainty principle.	〃
02 Feb to 07 Feb	Unit-2 quantum mechanics-II Rigid Rotator model of Rotation of diatomic molecule	〃
09 Feb to 14 Feb	Schrodinger equation, transformation to spherical polar molecule coordinates and seperation of variable.	〃
16 Feb to 21 Feb	Spherical harmonics, Qualitative discussion of molecules.	〃

Week	Topics	Methodology
23 Feb to 28 Feb	Revision of Unit-I & (2) Test of Unit-II	Board and chalk
01 Mar to 08 Mar	Holi Break	//
09 Mar to 14 Mar	Unit-3 molecular spectroscopy Interaction of electromagnetic radiation of molecule and various types of spectra Born oppenheimer approximation.	//
16 Mar to 21 Mar	Rotational spectroscopy → selection Rule, Intensities of spectral lines, determination of Bond length of diatomic & triatomic molecule., Isotopic substitution.	//
30 Mar to 04 April	House Test	//
06 April to 11 April	Vibrational spectroscopy → classical concept of vibration, (expression of force constant, anharmonicity, of P, Q, R Branches.	//
13 April to 18 April	Unit-IV → Raman spectroscopy Quantitative treatment of Rotational Raman effect, effect of nuclear spin.	//
20 April to 25 April	electronic spectroscopy → franck-condum electronic transition singlet & triplet, fluorescence, & phosphorescence	//
27 April to 02 May	Calculation of electronic transition of polyenes using free electron model	//
04 May to 05 May		//

Reference Books:- modern concept

Ms. Minakshi
Lecturer

Shikha
HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Dr. Ritika chaudhary
Dr. Reecha

Class with Sem B.Sc III (6th Sem) Subject Practical - VI (20UCHE-603) Lecturer Name Ms. Tanya

Course objectives .....

i) To get knowledge about identification of acidic & basic radical

ii) To prepare m-nitroaniline & o-chlorobenzoic acid

Week	Topics	Methodology
01 Jan - 3 Jan	To prepare m-nitroaniline from m-dinitrobenzene	Practical
05 Jan to 10 Jan	To prepare o-chlorobenzoic acid from anthranilic acid	"
12 Jan to 17 Jan	To verify beer's lambert's law and determine the concentration of $KMnO_4$ in a solution of unknown concentration	"
19 Jan to 24 Jan	— Repeat —	"
27 Jan to 31 Jan	Determine the concentration of $K_2Cr_2O_7$ in a solution of unknown concentration.	"
02 Feb to 07 Feb	To determine the concentration of $KMnO_4$ & $K_2Cr_2O_7$ in a mixture.	"
09 Feb to 14 Feb	Potentiometric titration • strong acid v/s strong base	"
16 Feb to 21 Feb	Potentiometric titration • Strong base v/s weak acid	"

Week	Topics	Methodology
23 Feb to 28 Feb	— Repeat —	"
01 Mar to 08 Mar	**Holi Break**	—
09 Mar to 14 Mar	Qualitative analysis of mixture ($Pb(NO_3)_2$ & $(NH_4)_2CO_3$)	"
16 Mar to 21 Mar	Qualitative analysis of mixture ($PbSO_4$ & $CaCO_3$)	"
30 Mar to 04 April	**House Test**	—
06 April to 11 April	Qualitative analysis of mixture ($PbSO_4$ & $(NH_4)_3PO_4$)	"
13 April to 18 April	Revision	"
20 April to 25 April	Revision	"
27 April to 02 May	Viva - voice	"
04 May to 05 May	Viva - voice	"

Reference Books:- Modern's

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Sc. 1st/II (1st Sem a) (2nd Sem) Subject Elementary Electricity, Magnetism and EM Theory, Lecturer Name Ms. Tanu

Course objectives .....

After studying this course study will be able to understand vectors and apply to able in different disciplines.

Week	Topics	Methodology
01 Jan - 3 Jan	Gradient of a scalar and its physical significance	Lecture Method
05 Jan to 10 Jan	Line, Surface and volume integrals of a vector and their physical significance	Lecture Method
12 Jan to 17 Jan	Flux of a vector field, Divergence and curl of a vector	Lecture Method
[illegible] to 24 Jan	Gauss's divergence theorem, Stoke's Theorem	Lecture Method
27 Jan to 31 Jan	Magnetic Induction, Magnetic flux	Lecture Method
02 Feb to 07 Feb	Solenoidal nature of vector field of induction	Lecture Method
09 Feb to 14 Feb	Properties of B, i) $\nabla \cdot B = 0$ ii) $\nabla \times B = \mu_0 J$	Lecture Method
[illegible] Feb to 21 Feb	Magnetic materials, types, Hysteresis curve, Importance	Lecture Method

Week	Topics	Methodology
23 Feb to 28 Feb	Electromagnetic Induction, Faraday's Law of Induction	Lecture Method
01 Mar to 08 Mar	Holi Break	
09 Mar to 14 Mar	Lenz's law, Derivation of Maxwell's equations and their Physical significance	Lecture Method
16 Mar to 21 Mar	Boundary conditions at interface between two different media.	Lecture Method
30 Mar to 04 April	House Test	
06 April to 11 April	Propagation of electromagnetic waves, Poynting vector	Lecture Method
13 April to 18 April	Poynting Theorem	Lecture Method
20 April to 25 April	Thevenin's Theorem, Norton Theorem	Lecture Method
27 April to 02 May	Superposition Theorem	Lecture Method
04 May to 09 May	Analysis of RCR series and parallel resonant circuits	Lecture Method

Reference Books: 1. Introduction to Electrodynamics D. J. Griffiths
2. Electricity and Magnetism, Edward M. Purcell

Tanuja
Lecturer

HOD

Physics (UG + PG)

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem .I.st Year. 2nd sem Subject Electromagnetic theory & magnetism Lecturer Name Dr. Nisha Sharma

Course objectives .Learner will be able to understand electric and magnetic field

Week	Topics	Methodology
01 Jan - 3 Jan	Vector background and Electric field :. Gradient of a scalar and its physical significance, line, surface and volume intergrals of a vector and their physical significance, flux of a vector field	Lecture method
05 Jan to 10 Jan	Divergence and curl of a vector and their physical significance, Gauss' divergence theorem, Stoke's theorem Electrostatic Potential, Potential as line integral of field, Potential difference Derivation of electric field E from potential as gradient	"
12 Jan to 17 Jan	Electric flux, Gauss's law, Differential form of Gauss's law and application of Gauss' law, Laplace and Poisson equation, Energy per unit volume.	"
27 Jan to 31 Jan	2nd Unit → Magnetic field :. Biot-Savart law and its simple applications Straight wire and circular loop, Loop as a magnetic Dipole, and its Dipole Moment Ampere's Circuital law and its	"
03 Feb to 07 Feb	application to (i) Solenoid and (ii) Toroid properties of B, curl and divergence magnetic properties of matter :. Force	"
10 Feb to 14 Feb	on a point charge in an external field electric currents in atoms, electron Spin and magnetic moment, types of magnetic materials, magnetization vector (M), magnetic susceptibility (χ), magnetic susceptibility and permeability, Relation b/w B, H and M, Electronic theory of dia and para magnetism. Hysteresis loss and importance of Hysteresis Curve	"

Week	Topics	Methodology
23 Feb to 28 Feb	Unit 3rd => Time varying electromagnetic field! · Electromagnetic Induction, Faraday's Law of Induction and Lenz's law Self Inductance mutual Inductance;	"
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Energy Stored In a magnetic field, Derivation of maxwell's equation, Displacement Current, maxwell eqn's in differential and integral form and their physical significance.	Lecture method
16 Mar to 21 Mar	Electromagnetic waves! · Electromagnetic waves, Transverse nature of electromagnetic wave, Energy transfer	"
30 Mar to 04 April	House Test	
06 April to 11 April	by Electromagnetic waves, Poynting vector, Poynting's theorem, propagation of plane electromagnetic waves in free space & Dielectric	"
13 April to 18 April	with ohms! DC current circuits! Electric Current and current density, electrical conductivity and ohm's Law, Kirchhoff's Laws for D.C. networks	"
20 April to 25 April	Network theorems! - Thevenin's theorem, Norton theorem, Superposition theorem	"
27 April to 02 May	Alternating current circuits! R resonance circuit phasor, complex Reactance and Impedance, Analogies of RL, RC and LC circuits, Scales	"
04 May to 09 May	LCR circuit! Resonance ① Power dissipation ② Quality factor and ③ Band width, Parallel LCR circuit	"

Reference Book:

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem 2nd Year 4th Sem Subject . Wave & Optics Lecturer Name . Dr. Nisha Sharma

Course objectives .....

Week	Topics	Methodology
01 Jan - 3 Jan		
05 Jan to 10 Jan		
13 Jan to 17 Jan	Interference ⇒ Interference by division of wave front : Young's double slit experiment, coherence, condition of interference, Fresnel's bi-prism and its application to determine the wave length of Sodium light and thickness of a mica sheet, phase change on reflection, Interference by division of amplitude: Plane parallel thin film, production of colors in thin films, Interference due to transmitted light & reflected light, wedge shaped film, Newton's Rings.	Lecture method
27 Jan to 31 Jan		
03 Feb to 07 Feb	2nd Unit ⇒ Diffraction: Fresnel diffraction: Huygens-Fresnel's theory, Fresnel's assumptions, rectilinear propagation of light, diffraction at a straight edge, rectangular slit and diffraction at a circular aperture, Fraunhofer diffraction: Single slit diffraction, double slit diffraction, plane transmission grating spectrum, dispersive power of grating, limit of resolution, Rayleigh's	
10 Feb to 14 Feb		
17 Feb to 21 Feb		

Week	Topics	Methodology
23 Feb to 28 Feb	criterion, resolving power of a grating.	Lecture Method
01 Mar to 08 Mar	Holi Break	
09 Mar to 14 Mar	3rd Unit ⇒ Polarization: Polarization by reflection, refraction and scattering, malus law, Phenomenon of double refraction Huygen's wave theory of double refraction, Analysis of polarized light, Nical prism, quarter wave plate and half wave plate, Production and	11
16 Mar to 21 Mar		4
30 Mar to 04 April	House Test	
[illegible] April	detection of (i) Plane polarized light (ii) Circularly polarized light and (iii) Elliptically polarized light. [illegible]	11
[illegible] April	4th Unit ⇒ Basic concept of absorption and emission of radiations, amplification and population inversion; main components of lasers: (i) ~~Active medium~~ (ii) pumping (iii) optical Resonator; Properties of lasers, Application of lasers,	11
[illegible] April		11
[illegible]	Fibre optics: optical fibers and their properties, Principal of light propagation through optical fibres: Single mode and multimode fibers Advantage and Disadvantages of optical fibers	11

[illegible]

[illegible]

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Sc. 3rd (6th sem) Subject ..Nuclear Physics Lecturer Name ..Dr. Indu Vashist

Course objectives .....

Students will be able to understand about- Nuclear decays and Processes.

Week	Topics	Methodology
01 Jan - 3 Jan	General Properties of Nuclei: Constituents of nucleus and their intrinsic Proper, quanti -tative facts about size	Lect. Method
05 Jan to 10 Jan	charge density, Binding energy average Binding Energy and its variation with mass number main features of Binding energy V/S mass number curve	"
12 Jan to 17 Jan	N/A Plot, angular momentum Parity, magnetic moment, electric moments, nuclear excites states.	"
19 Jan to 24 Jan	Nuclear Models: Liquid drop Model, Semi empirical mass formula and significance of- various terms. Nuclear forces.	"
27 Jan to 31 Jan	Unit-2: Radioactive decay a) α-decay: Basics of- α-decay Processes, theory	"
02 Feb to 07 Feb	of α-emission, Gamov factor Geiger Nuttall law, α-decay Spectroscopy	"
09 Feb to 14 Feb	b) β-decay: Energy Kine -matics for β-decay Positron emission,	"
16 Feb to 21 Feb	Electron Capture, neutrino hypothesis (c) γ-decay	"

Week	Topics	Methodology
23 Feb to 28 Feb	Gamma rays Emission & Kinematics, Internal Conversions.	Lect. Method
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Unit-III : Nuclear Reactions Types of Nuclear Reactions Conservation laws	Lect. Method
16 Mar to 21 Mar	Kinematics of Reactions, Q-Value, reaction rate, reaction cross section.	〃
30 Mar to 04 April	**House Test**	
06 April to 11 April	Concept of Compound and direct Reaction, resonance Rutherford Scattering	Lect. Method
13 April to 18 April	Interaction of Nuclear Radiations with matter. Energy loss of e^-, neutron interaction with matter	〃
20 April to 25 April	Unit-IV : Detector four Nuclear Radiations : Gas detector : estimation of electric field	〃
27 April to 02 May	mobility of Particle four Ionization Chamber and GM Counter	〃
04 May to 05 May	Basic Principle of Scintillation Detectors and Construction of PMT	〃

Reference Books:- SN Ghosal, D.C. Tayal

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Sc. 3rd (6th Sem) Subject Atomic & Mol. Spectroscopy Lecturer Name Dr. Deepanshi

Course objectives .....

→ Gain knowledge about spectras, various types of couplings, Zeeman effect, LASER, Raman effect etc.

Week	Topics	Methodology
01 Jan - 3 Jan	Introductory session about Atomic & Molecular Spectroscopy	Lecture Method
05 Jan to 10 Jan	Atomic spectra, Bohr atomic model and various energy levels	"
12 Jan to 17 Jan	Frank-Hertz experiment and Intro of Vector Atom Model	"
19 Jan to 24 Jan	Quantum nos associated with vector atom model; Penetrating & non-penetrating orbits.	"
27 Jan to 31 Jan	Unit - 2 :- Spectral lines in alkali spectra,	"
02 Feb to 07 Feb	Spin orbit interaction & doublet term / LS coupling or JJ coupling	"
09 Feb to 14 Feb	Zeeman effect & Zeeman Patterns and revision of imp topics of unit 1 & 2	"
16 Feb to 21 Feb Unit 3	Introduction to Paschen Back effect of a single valence e⁻ model.	"

Week	Topics	Methodology
23 Feb to 28 Feb	Stark effect, discrete set of electronic energies of molecules	Lecture method
01 Mar to 08 Mar	**Holi Break**	—
09 Mar to 14 Mar	Quantization of Vibrational & rotational energies.	"
16 Mar to 21 Mar	Raman effect (Quantitative description) Stokes & Anti-Stoke lines	"
30 Mar to 04 April	**House Test** (Unit 1 + 2)	—
06 April to 11 April	Unit-4 :- Intro of LASER, main features : Directionality	"
13 April to 18 April	High Intensity, coherence. Einsteins co-efficients & amplification.	"
20 April to 25 April	Threshold condition for laser emission; Laser pumping	"
27 April to 02 May	He-Ne Laser, Ruby Laser (Principle, Const & working)	"
04 May to 05 May	Remedial class regarding complete syllabus.	"

Reference Books:- ① Lasers, Theory & App. by Ajoy Ghatak
② R. Chand
③ Introduction to Atomic & Mol. Spectroscopy - V.K. Jain

Lecturer Barkawski

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Sc. 2nd Yr. (Physical Science) Subject Basic Instrumentation Skills Lecturer Name Ms. Tanvi

Course objectives .....

Week	Topics	Methodology
01 Jan - 3 Jan	Instruments accuracy, Precision, Sensitivity, Resolution Range	Lecture Method
05 Jan to 10 Jan	Errors in measurement and loading effects.	Lecture Method
12 Jan to 17 Jan	Principles of measurement of dc voltage and dc current	Lecture Method
19 Jan to 24 Jan	DC voltage, DC current and resistance. Specifications of multimeter and significance	Lecture Method
27 Jan to 31 Jan	Advantage over conventional multimeter for voltage measurement with respect to i/p impedance	Lecture Method
02 Feb to 07 Feb	Principles of voltage measurement (block diagram only)	Lecture Method
09 Feb to 14 Feb	Specifications of an electronic voltmeter / Multimeter and their significance.	Lecture Method
16 Feb to 21 Feb	Types of AC multivoltmeters, Amplifier - rectifier and rectifier amplifiers. Block diagram AC multivoltmeter.	Lecture Method

Week	Topics	Methodology
23 Feb to 28 Feb	Block diagram of CRO, Construction of CRT; Electron Gun, Electrostatic focusing and acceleration	Lecture Method
01 Mar to 08 Mar	Holi Break	
09 Mar to 14 Mar	Discussion on Phosphor Bronze, Resistance & chemical composition, Specifications and use of CRO	Lecture Method
16 Mar to 21 Mar	Features of dual trace, introduction to digital oscilloscope, probes.	Lecture Method
30 Mar to 04 April	House Test	
06 April to 11 April	Low frequency Generator - Block diagram and specifications	Lecture Method
13 April to 18 April	Block diagram of Bridge, Principle of LCR bridge, Specifications of LCR bridge.	Lecture Method
20 April to 25 April	Block diagram of Q-meter, Principle & working of digital meter, comparison of analog & digital instruments	Lecture Method
27 April to 02 May	Digital Voltmeter - Working Principle: Digital multimeter - Block Diagram, Working.	Lecture Method
04 May to 16 May	Working Principle of time interval, frequency and period measurement using universal counter; time base stability	Lecture Method

Reference Books:

1. Electronic Devices - Thomas L. Floyd
2. Textbook in Electrical Technology - BL Theraja - S Chand

Tarun
Lecturer

Tarun
Instructor

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.C.A. III sem Subject Visual Basic Lecturer Name Dr. Manisha

Course objectives The objectives of the course is to impart the basic understanding of VB, writing codes using VB and learning the VB development environment.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to Visual Basic and discussed about syllabus.	Lecture
05 Jan to 10 Jan	Visual & non visual programming Procedural, Object - oriented and event driven programming languages	----
12 Jan to 17 Jan	VB environment: Menu bar, Toolbar Project explorer, Toolbar, Properties window, form designer	----
19 Jan to 24 Jan	Form layout, Immediate window, Visual Development and Event Driven Programming	Practical
27 Jan to 31 Jan	Basics of Programming: Variables: Declaring variables, Types of variables Converting variables types, User defined data types	Lecture
02 Feb to 07 Feb	Forcing variable declaration, Scope & lifetime of variables, Constants: named & intrinsic; Operators & Arithmetic	----
09 Feb to 14 Feb	Relational & logical operators I/O in VB: Various controls for I/O in VB, Message box, Input box, Print statement	----
16 Feb to 21 Feb	Programming with VB: Decisions and conditions: If statement, If then else, Select-case looping statements	----

Week	Topics	Methodology
23 Feb to 28 Feb	Do loops, For next, while wend, Exit statement, Nested control structures. Arrays: Declaring and using arrays. One dimensional, multi dimensional arrays	Lecture
01 Mar to 08 Mar	Holi Break	
09 Mar to 14 Mar	Static arrays & dynamic arrays Arrays of array. Collections	Lecture
16 Mar to 21 Mar	Adding, Removing, Counting, returning items in a collection, Processing a collection.	
30 Mar to 04 April	House Test	
06 April to 11 April	Programming with VB Procedures General & event procedures, Subroutines functions, calling procedures Arguments	
13 April to 18 April	Passing mechanisms, Optional arguments Named arguments, functions returning custom data types Functions returning arrays.	
20 April to 25 April	Working with forms and menus: Adding multiple forms in VB, Hiding & Showing forms.	
27 April to 02 May	Load & unload statements, Creating menus, Submenus, pop up menus, Activate & deactivate events.	
04 May to 05 May	Form load event, menu designing in VB simple programs in Visual Basic	

Reference Books:- (1) "Visual Basic 6 complete" BPB Publications by Bryan Siler and Jeff Spotts using VB 6 "special Edition P.

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Com II, IV Sem Subject Income Tax Law and Accounts Lecturer Name Ms. Neerma Chawla Dr. Laxmi Bansal

Course objectives To Understand Tax Procedure

Week	Topics	Methodology
01 Jan - 3 Jan	Rebate & Relief of Tax,	
05 Jan to 10 Jan	Computation of Tax Liability of an Individuals, HUF.	
12 Jan to 17 Jan	Total Tax Liability of firms with Adjustment & Sections	
19 Jan to 24 Jan	Numerical Practice of above Chapters E-Filling of Return of Income.	
27 Jan to 31 Jan	Types of Return, TDS	
02 Feb to 07 Feb	Advance Payment of Tax Procedure with Different Sections	
09 Feb to 14 Feb	Recovery & Refund of tax.	
16 Feb to 21 Feb	Revision of Unit I & II	

Week	Topics	Methodology
23 Feb to 28 Feb	Doubt Taken Authorities of Income Tax Administration	
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Revision of unit III & Doubt Taken.	
16 Mar to 21 Mar	Assessment, default and Consequence.	
30 Mar to 04 April	**House Test**	
06 April to 11 April	Different types of Assessment Penalties.	
13 April to 18 April	offence and prosecutions Appeals and Revision	
20 April to 25 April	Tax Planning and saving Techniques.	
27 April to 02 May	Revision of syllabus Doubt taken	
04 May to 05 May	Doubt taken.	

Reference Books:-

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem M.Com IInd sem. Subject Marketing management Lecturer Name Dr. Lagmi Bansal

Course objectives ..To learn..... Concept of Marketing management

Week	Topics	Methodology
01 Jan - 3 Jan	Marketing! Nature, Scope and Importance! Marketing Concept and its Evolution	
05 Jan to 10 Jan	Emerging role of marketing. Selling V/s marketing. marketing Information System and Research	
12 Jan to 17 Jan	MIS — Components, Importance. Process marketing Environment macro and micro	
19 Jan to 24 Jan	Marketing mix (4Ps) and 4A's of marketing Consumer and Industrial market.	
27 Jan to 31 Jan	market Segmentation - Targeting and Positioning! Nature. Basis and Importance of Segmentation	
02 Feb to 07 Feb	Brand Positioning, Creating Brand Equity, Product Decision Concept of Product, classification & Decision	
09 Feb to 14 Feb	Product life cycle - Strategic Implications, New Product development and Consumer Adoption Process.	
16 Feb to 21 Feb	Pricing Decision! Role and Importance, Factor affecting Price Determination, Pricing Policies.	

Week	Topics	Methodology
23 Feb to 28 Feb	Strategies and methods; Distribution channels and Physical Distribution Decisions	
01 Mar to 08 Mar	**Holi Break** Revision of Unit I & II	
09 Mar to 14 Mar	Promotion Decision, Nature Objective and Importance of Promotion, Promotion mix-	
16 Mar to 21 Mar	Advertising, Personal selling Sales Promotion, Publicity, Public Relations	
30 Mar to 04 April	**House Test**	
06 April to 11 April	Sales Promotion tools & Techniques Holistic marketing; Nature and Components; Market Segmentation and Control.	
13 April to 18 April	Ethical Aspects of marketing Green marketing Digital and Social media marketing	
20 April to 25 April	omni channel marketing Affiliate marketing Artificial Intelligence and big data in marketing.	
27 April to 02 May	Revision of Syllabus.	
04 May to 05 May	Revision of Syllabus.	

Reference Books:-

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem M.Com. II sem Subject Financial management Lecturer Name Dr. Nagmani Basu

Course objectives To understand scope of FM.

Week	Topics	Methodology
01 Jan - 3 Jan	Finance management: Nature, Significance Objective and Scope.	
05 Jan to 10 Jan	Time value of money. Financial Forecasting: Concept Benefits and Techniques.	
12 Jan to 17 Jan	Source of finance, Financial planing: Need, Importance, Process Recent Development in financial management.	
19 Jan to 24 Jan	Capital structure with theories Cost of capital with illustration Computation with example.	
27 Jan to 31 Jan	Leverage, concept, Types & Calculation of DOL, DFL and Combined Leverage.	
02 Feb to 07 Feb	Capital Budgeting, Nature and Importance, Factor Influencing Capital expenditure Decision & Techniques	
09 Feb to 14 Feb	Techniques for Incorporating Risk in Capital Budgeting RADR, Certainty Equivalent method	
16 Feb to 21 Feb	DCF Break-even analysis simulation method, Probability Distribution method.	

Week	Topics	Methodology
23 Feb to 28 Feb	Another method of Capital Budgeting sensitivity Analysis. Scenario Analysis and ~~Distri~~ Decision Tree Analysis.	
01 Mar to 08 Mar	**Holi Break** Revision of I & II Unit	
09 Mar to 14 Mar	Capital Rationing with Illustration.	
16 Mar to 21 Mar	Working Capital management and Control: need, types & determinants Assessment of working capital requirements.	
30 Mar to 04 April	**House Test**	
06 April to 11 April	management of Cash; marketable securities; Receivables; Dividends Decision	
13 April to 18 April	Concept, types of dividend Dividend Policies Determinants of Dividend Decision	
20 April to 25 April	Theories of Dividend. Dividend ~~Practices~~ in India.	
27 April to 02 May	Revision of Syllabus.	
04 May to 05 May	Revision of Syllabus.	

Reference Books:-

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem M.Com. 2nd Sem Subject .HRM..... Lecturer Name Ms. Sheetal Kedia

Course objectives .....

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction of Syllabus, Unit wise Chapter discussion, Unit I Concept, Evolution, Scope And Importance, Obj, fun	Lecture
05 Jan to 10 Jan	Role & function of HR Manager, HRM in dynamic Environment, Flexible Working hours & Work from Home policy.	U
12 Jan to 17 Jan	HR Policies, meaning & Importance Types of HR Policies, HR Planning,	4
19 Jan to 24 Jan	Job analysis, meaning & Process Job description & Job Specification Strategic HRM	4
27 Jan to 31 Jan	Recruitment Meaning & Sources Traditional & modern recruitment Methods, Selection, Induction & Placement.	4
02 Feb to 07 Feb	Selection Process, Induction & Placement, Work force mobility Promotion, Demotion, Transfer & Separations.	4
09 Feb to 14 Feb	E-recruitment & AI in hiring Concept, Advantages, Practical examples	4
16 Feb to 21 Feb	Training meaning, method of training, Training Process, Executive Development	1

Week	Topics	Methodology
23 Feb to 28 Feb	Meaning, Techniques of executive development, Career planning & development meaning & benefits.	Lecture
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Revision Job Evaluation, Meaning & Methods, Quality of Work life Performance & Potential appraisal	
16 Mar to 21 Mar	Compensation Management, Incetives & employee benefits.	
30 Mar to 04 April	**House Test**	
06 April to 11 April	Personnel records & HR Audit Internation HRM & Job Satisfaction.	
13 April to 18 April	Employees Engagement & Retention, Test, Assignment	
20 April to 25 April	Business ~~Engagement~~ Ethics & CSR In HRM	
27 April to 02 May	Revision / Internal Assesment	
04 May to 05 May	Presentation / VIVA, Revision.	

Reference Books:- Assaugh Thapliyal

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Com. 6th SEM Subject Cost Accounting Lecturer Name Ms. Sheetal Kedia

Course objectives .....

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction of Syllabus, Chapter Wise Unit classification, Introduction & Chapter Ist Process Costing	Lecture
05 Jan to 10 Jan	Process Costing meaning, definition up to Numerical Question 20.	4
12 Jan to 17 Jan	Process Costing in oil Industry, Joint & by product Explanation With examples.	4
19 Jan to 24 Jan	Numerical Problem query. Inter Process Profit Nomerical With example.	4
27 Jan to 31 Jan	Contract Costing Meaning & features, Esclation Clause, Notional Profit, Practical Problem	4
02 Feb to 07 Feb	Job & Batch Costing Meaning & Procedure, Job Cost Sheet, Practical Problems	4
09 Feb to 14 Feb	Unit I & Unit II Query, Problem & Test	4
16 Feb to 21 Feb	Unit 3 Budget meaning & definition. Zero Base, Budgeting, Performance Budget	4

Week	Topics	Methodology
23 Feb to 28 Feb	Budget Classification, Types & Numerical Question of Diff. Budget.	Lecture
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Revision of Unit III, Query, Problem, Black-Board Test	4
16 Mar to 21 Mar	Unit IV Introduction of Absorption Costing, meaning, Key factor, Numerical Prob-	4
30 Mar to 04 April	**House Test**	
06 April to 11 April	Unit IV Absorption Costing Marginal Costing, Key Problem	4
13 April to 18 April	Practical Problem of Unit IV	4
20 April to 25 April	Notes, Assignment, VIVA Presentation	4
27 April to 02 May	Query, Test	4
04 May to 05 May	Query Test	

Reference Books:- Sahithy Bhawan Pub
M.L. Aggarwal

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Com. IV th Subject Corporate Accounts Lecturer Name Ms. Sheetal Kedia

Course objectives .....

Week	Topics	Methodology
01 Jan - 3 Jan	Valuation of Shares • Meaning, need & objectives • Factor affection Valuation • quoted & unquoted Shares	Lecture
05 Jan to 10 Jan	Valuation of Shares - Methods • Net assets Value Method • Yield Method • Fair value Method • Practical Problems.	"
12 Jan to 17 Jan	Valuation of Goodwill - - Meaning, need, Types, Method Average Profit Method	"
19 Jan to 24 Jan	Valuation of Goodwill - • S.P Method, • Purchase • Capitalisation Method Method	"
27 Jan to 31 Jan	Annuity Method, Practical Problem, Query,	"
02 Feb to 07 Feb	Unit II - Issue of Debentures Meaning & types, issue at Par, Premium & discount, Journal entries.	"
09 Feb to 14 Feb	Purchase of own debentures . Meaning, Purchase in open market, Cancellation & Journal entries. Basic Calculation	"
16 Feb to 21 Feb	Valuation of Debentures - Part II Ex-Interest & Cum interest, Practical problems.	"

Week	Topics	Methodology
23 Feb to 28 Feb	Unit III Account of Banking Companies, Meaning, Important items of B/S, Preparation of Final Account	Lecture
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Accounts of Banking Companies Practical problems, P&L A/c & Balance sheet, Account of Insurance Companies.	4
16 Mar to 21 Mar	Types, Format, Practical Problems., Query	4
30 Mar to 04 April	**House Test**	4
06 April to 11 April	Account of Holding Companies • Meaning of Holding & Subsidiary • Calculation of Cap Proj & Rev. Profit • Practical Problems	4
13 April to 18 April	Preparation of B/S Practical Problems. Query	4
20 April to 25 April	Liquidation of Company Meaning, Statement of affairs, liquidator's final Statement	7
27 April to 02 May	Practical Problem, Query, Full Revision, Test.	
04 May to 05 May	Viva / Assignment / Presentation.	

Reference Books:- APC, D.K. Goyal

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem BCA I (II nd Sem) Subject Operating Sys. Lecturer Name Dr. Manita

Course objectives .The main objectives is to understand the basic concepts of OS and their services along with process management

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to concepts of Operating System and discussed about syllabus.	lecture
05 Jan to 10 Jan	Operating System, functions and characteristics, Historical Evolution of operating systems	.....
12 Jan to 17 Jan	Operating system structure, Types of operating System : Real time, multiprogramming, Multiprocessing	.....
19 Jan to 24 Jan	Batch processing, Operating System Services, Operating System Interface Service System Calls	.....
27 Jan to 31 Jan	System Programs, Process Management Process concepts, Operation on Process Process State and Process Control Block, Inter Process Communication	.....
02 Feb to 07 Feb	CPU Scheduling : Scheduling Criteria, Levels of Scheduling, Scheduling Algorithms Evaluation. Synchronization	.....
09 Feb to 14 Feb	Critical Section Problem, Semaphores Classical of Problem of Synchronization monitors.	.....
16 Feb to 21 Feb	Deadlocks : Deadlock Characterization Methods for Handling Deadlocks, Deadlock Prevention	.....

Week	Topics	Methodology
23 Feb to 28 Feb	Deadlock Avoidance, Deadlock Detection and Recovery.	Lecture
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Memory Management Strategies: Memory management of Single user and multiuser operating Systems	Lecture
16 Mar to 21 Mar	Partioning Swapping. Contiguous memory Allocation, Paging and Segmentation	
30 Mar to 04 April	**House Test**	
06 April to 11 April	Virtual Memory Management Demand Paging, Page Replacement Algorithms Thrashing	Lecture
13 April to 18 April	Implementing File System: File System Structure, file System Implanation, file operations	
20 April to 25 April	Type of files, Directory Implement-ation, Allocation methods	
27 April to 02 May	Free spacey Management, Disk Scheduling algorithms SSTF	
04 May to 05 May	Scan, C Scan, Look, C Look. SSD Management	

Reference Books:- 'Operating System Concepts' by Abraham Silberschatz

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem BCA II nd (IV th) Subject Data Structure Lecturer Name Dr. Harish a

Course objectives :- To learn the basics of data structure and algorithm complexities.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to Data Structures and Applications and discussed about Syllabus.	Lecture Method
05 Jan to 10 Jan	Data Structure Definition, Data type Vs Data Structure, Classification of Data Structures, Data Structure Operation, Application of Data Structu	Lecture Method
12 Jan to 17 Jan	Algorithm Specifications: Performance Analysis and Measurement (Time and space Analysis of Algorithms	Lecture method
19 Jan to 24 Jan	Average, Best and Worst Case Analysis Arrays: Introduction, Linear Arrays Representation of linear Array in Memory	Lecture Method
27 Jan to 31 Jan	Two Dimensional and Multidimensional Arrays, Sparse Matrix and its Representation	Lecture Method
02 Feb to 07 Feb	Operations on Array: Algorithm for Traversal, Selection, Insertion Deletion and its implementation	Lecture Method
09 Feb to 14 Feb	String Handling: Storage of strings Operations on strings viz, length Concatenation, Substring	Lecture Method
16 Feb to 21 Feb	Insertion, Deletion, Replacement, Pattern Matching. Linked list: Introduction, Array Vs Linked list	Lecture Method

Week	Topics	Methodology
23 Feb to 28 Feb	Representation of linked lists in memory, Traversing a linked list, Insertion, Deletion, Searching into a linked list, Type of linked list	Lecture
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Stack: Array Representation of stack Linked list Representation of stack Algorithms for Push and Pop, Applications of stack: Polish Notation, Postfix Evaluation	Lecture
16 Mar to 21 Mar	Infix to Postfix Conversion Infix to Prefix Conversion, Recursion. Introduction to Queues Simple Queue Double Ended Queue, Circular Queue	———
30 Mar to 04 April	**House Test**	
06 April to 11 April	Priority Queue, Representation of Binary tree, Binary tree Traversal, Binary Application Queue. Algorithm on Insertion Deletion in Simple Queue, Circular Queue	Lecture
13 April to 18 April	Tree: Definition and concepts, Representation of Binary Tree, Binary Tree traversal Binary Search trees.	———
20 April to 25 April	Definition, Operations viz, searching insertion and deletion;	———
27 April to 02 May	Searching and sorting Techniques Sorting Techniques Bubble Sort Merge sort.	———
04 May to 05 May	Selection sort, Quick sort, Insertion Sort Searching Techniques: Sequential Searching, Binary searching.	———

Reference Books:- Mark Allen Weiss, Data Structures and Algorithm Analysis in ... edition Pearson

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem BCA 4th Sem Subject Front-end Development Lecturer Name Dr. Tamanna Tayal

Course objectives (1) Understand the basic concept of object and regular expressions in JavaScript. (2) Acquire knowledge of DOM. (3) learn to use forms and BOM (4) Get familiar with jQuery.

Week	Topics	Methodology
01 Jan - 3 Jan	—	—
05 Jan to 10 Jan	—	—
12 Jan to 17 Jan	Objects in JavaScript Introduction to objects, Type of objects in JavaScript,	Lecture + Practical
19 Jan to 24 Jan	Object methods, Constructor function, Prototype in JavaScript, Inheritance using Prototype chain	Lecture + Practial
27 Jan to 31 Jan	Regular Expressions Introduction to RegExp, Regular expression usage, Modifiers, RegExp Patterns,	〃
02 Feb to 07 Feb	RegExp Methods, String methods for RegExp, Type Conversion in JavaScript	〃
09 Feb to 14 Feb	Event handling JavaScript events, Event handlers, Event flow,	〃
16 Feb to 21 Feb	Event bubbling and BOM wing, Event Listners, Event types Document object Model (DOM)	〃

Week	Topics	Methodology
23 Feb to 28 Feb	Introduction to DOM, Type of DOM, Standards and methods, meinpulating document using DOM, Handling Image, Table, Animation	Lecture + Practical
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Node & Node list Handling. Browser Object Model. Introduction, Type of BOM DOM vs BOM difference,	"
16 Mar to 21 Mar	Window Object and methods, BOM Navigator, BOM History BOM location, BOM timer, Intro to cookies, Session and persistent cookie	"
30 Mar to 04 April	**House Test**	
06 April to 11 April	Form Handling. Introduction to forms, Form processing, form Object, Accessing data form froms. Form validation,	"
13 April to 18 April	Additional features in forms, Validation APIs Introduction to jQuery jQuery Syntax,	"
20 April to 25 April	jQuery Selectors, jQuery Events, jQuery Effects, jQuery HTML,	"
27 April to 02 May	jQuery Traversing, jQuery AJAX, jQuery Misc	"
04 May to 05 May	Revision	

Reference Books: 1. "HTML, JavaScript, DHTML and PHP", IVAN BAYROSS

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A. II sem. Subject Hindi (Major) Lecturer Name Pinja Singh

Course objectives मध्यकालीन हिन्दी काव्य के कबीर, सूरदास, तुलसीदास, मीराबाई, रसखान, घनानंद बिहारी आदि कवियों के जीवन परिचय और रचनाओं से अवगत कराना।

Week	Topics	Methodology
01 Jan - 3 Jan	सभी छात्राओं से सम्पूर्ण पाठ्य क्रम से अवगत कराया गया।	व्याख्यान प्रणाली
05 Jan to 10 Jan	कबीर का साहित्य परिचय, कबीरदास एक सच्चे समाज सुधारक, कबीर की भक्ति भावना का सविस्तर परिचय दिया जाएगा।	"
12 Jan to 17 Jan	कबीर दास के दार्शनिक विचार और रहस्य -वाद की विशेषताएं बताकर छात्राओं को अवगत कराना।	"
19 Jan to 24 Jan	कबीर का अभिव्यक्ति पक्ष, कबीर की साखियों का महत्व काव्य में साखी के रूप पर प्रकाश डाला जाना और कबीर के पदों की सविस्तार व्याख्यान।	"
27 Jan to 31 Jan	सूरदास के व्यक्तित्व और काव्यगत विशेषताएं बताई गई। सूरदास की पदों की सविस्तार व्याख्यान।	विश्लेषणात्मक पद्धति
02 Feb to 07 Feb	प्रबंधगीत काव्य क्या है विशेषताएं, वात्सल्य वर्णन और भक्ति-भावना का विवेचन कराना	"
09 Feb to 14 Feb	तुलसीदास का साहित्यिक परिचय, दार्शनिक विचार, प्रासंगिकता, बालकांड और उत्तरकांड की सविस्तार व्याख्यान।	"
16 Feb to 21 Feb	मीराबाई का व्यक्तित्व परिचय, भक्तिभावना, प्रेम साधना, विरह पक्ष, मीरा के पदों की सविस्तार व्याख्यान।	"

Week	Topics	Methodology
23 Feb to 28 Feb	प्रयोजनात्मक विषयसम्मत कुछ प्रश्नों को प्रयोजनात्मक कार्य दिया गया और Unit 1 और 2 का रिवीजन कराना।	कालानुक्रमिक पद्धति
01 Mar to 08 Mar	**Holi Break**	〃
09 Mar to 14 Mar	Unit 1 और 2 का यूनिट टेस्ट कराया गया और प्रयोजनात्मक कार्य लिया गया रसखान के साहित्यिक परिचय और भक्ति भावना से अवगत कराना	〃
16 Mar to 21 Mar	रसखान और सौंदर्य वर्णन, रसखान के संदेश और इनके दोहों की सविस्तार व्याख्यान।	〃
30 Mar to 04 April	**House Test**	
06 April to 11 April	बिहारी का साहित्यिक परिचय, शृंगार वर्णन और बिहारी के दोहों की सविस्तार व्याख्यान	〃
13 April to 18 April	भूषण का साहित्यिक परिचय, राष्ट्रीय भावना और बिहारी के शिवराज भूषण के पदों की व्याख्या।	व्याख्यान प्रणाली
20 April to 25 April	घनानंद का साहित्यिक परिचय प्रेम-भावना, भक्ति-भावना तथा भाषा की विशेषताओं का वर्णन कराना।	〃
27 April to 02 May	घनानंद के छंदों की सविस्तार व्याख्या कराते हुए छात्रों को इनके योगदान से अवगत कराना	〃
04 May to 05 May	Unit 3, 4 की पुनरावृत्ति और Unit test कराना	〃

Reference Books:- मध्यकालीन हिन्दी कविता

Lecturer पूजा सिंह

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Sc. III (VI Sem) Subject Zoology (SEC) Lecturer Name Dr. Mahima

Course objectives :- To understand basic principles and practices of (Apiculture Poultry farming)
apiculture & poultry farming.
- To study bee biology, honey production and management of bee colonies.

Week	Topics	Methodology
01 Jan - 3 Jan	Unit-1 Classification and Biology of Honey Bees. Social Organization of Bee Colony, Artificial Bee rearing.	Lecture Method
05 Jan to 10 Jan	Beehives - Newton and Langstroth, Bee pasturage, Selection of Bee species for Apiculture.	Lecture Method
12 Jan to 17 Jan	Bee keeping Equipments, Methods of Extraction of Honey.	Lecture Method
19 Jan to 24 Jan	Unit-2. Bee Disease and Enemies Control and Preventive Measures	Lecture Method
27 Jan to 31 Jan	Products of Apiculture industry and its uses (Honey, Bees Wax, Propolis), Pollen etc.	Lecture Method
02 Feb to 07 Feb	Unit-3 Definition of poultry, Broiler, layer and breeder. Common terms related to poultry	Lecture Method
09 Feb to 14 Feb	Development of poultry industry in India, Domestication of poultry.	Lecture Method
16 Feb to 21 Feb	Different Indian and exotic breeds of poultry.	Lecture Method

Week	Topics	Methodology
23 Feb to 28 Feb	Unit IV- Importance of broiler and layer production. System of rearing, range, semi intensive	Lecture Method
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Intensive range, advantages & disadvantages. Introduction to rearing of fowls and Gees for meat and egg production	Lecture Method
16 Mar to 21 Mar	Structure of poultry industry - breeder farm, hatcheries, commercial farms, feed mills	Lecture Method
30 Mar to 04 April	**House Test**	
06 April to 11 April	Revision of Unit - I	Lecture Method
13 April to 18 April	Revision of Unit - II	Lecture Method
20 April to 25 April	Revision of Unit - III	Lecture Method
27 April to 02 May	Revision of Unit - IV	Lecture Method
04 May to 05 May	Revision of Unit - IV	Lecture Method

Reference Books:- Apiculture. by Prost P.J (1962).
Apiculture. Richt D.S

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Sc. III (VI Sem) Subject : Zoology Lecturer Name : Dr. Mahima

Course objectives : To understand (Ecology & Evolution) interactions b/w organism & their environment.

- To study population, community & ecosystem dynamics.

Week	Topics	Methodology
01 Jan - 3 Jan	Unit-I - History of ecology, Autecology and synecology, level of organization, laws of limiting factor	Lecture Method
05 Jan to 10 Jan	Study of biotic and abiotic factors, Unique and group attributes of population	Lecture Method
12 Jan to 17 Jan	Density, natality, mortality, fecundity, survivorship curves, age ratio, sex ratio	Lecture Method
19 Jan to 24 Jan	Unit-II - Community characteristics species richness, dominance, diversity abundance, vertical stratification	Lecture Method
27 Jan to 31 Jan	Ecological niche, ecotone and edge effect. Ecological succession.	Lecture Method
02 Feb to 07 Feb	Types of ecosystem, food chain Detritus & grazing food chains, food web. Ecological pyramids.	Lecture Method
09 Feb to 14 Feb	Unit-III - Origin of species Lamarckism, Darwinism	Lecture Method
16 Feb to 21 Feb	Neo-Darwinism, Evidences of Evolution, Geological Time scale	Lecture Method

Week	Topics	Methodology
23 Feb to 28 Feb	Neutral theory of molecular evolution, Natural selection, Genetic Drift.	Lecture Method
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Unit-IV - Population genetics - Hardy-Weinberg law, Founder's effect.	Lecture Method
16 Mar to 21 Mar	Battle neck phenomenon, Species concept, Isolating mechanisms.	Lecture Method
30 Mar to 04 April	**House Test**	
06 April to 11 April	Modes of speciation - allopatric, Adaptive radiation, macro evolution	Lecture Method
13 April to 18 April	Origin & Evolution of Man and horse.	Lecture Method
20 April to 25 April	Revision of Unit - I	Lecture Method
27 April to 02 May	Revision of Unit - II	Lecture Method
04 May to 05 May	Revision of Unit - III	Lecture Method

Reference Books:- Fundamentals of Ecology by W.B Odum & Environment Ecology & Toxicology by P.D Sharma

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Sc III (VI Sem) Subject Zoology Lecturer Name Ms. Khushbu

Course objectives (Wildlife conservation)

- To define wildlife conservation & its Importance.
- Identify major threats to wildlife.

Week	Topics	Methodology
01 Jan - 3 Jan	Unit - I Introduction to Wildlife Values of Wild life - positive & negative	Lecture Method
05 Jan to 10 Jan	Conservation ethics, Importance of conservation, causes of depletion.	Lecture Method
12 Jan to 17 Jan	World conservation strategies. Unit - II Management planning of Wild life in protected areas.	Lecture Method
19 Jan to 24 Jan	Estimation of carrying capacity, Eco tourism / wild life tourism in forest.	Lecture Method
27 Jan to 31 Jan	concept of climax persistance, care of injured & diseased animal, Quarantine.	Lecture Method
02 Feb to 07 Feb	Unit - III Management of excess population. Ecology of perturbence.	lecture method
09 Feb to 14 Feb	Population density, Natality, Birth rate, Mortality, fertility schedules & sex ratio computation	lecture method
16 Feb to 21 Feb	common diseases of wild animal.	lecture method

Week	Topics	Methodology
23 Feb to 28 Feb	Unit – IV Preservation of general genetic diversity.	Lecture method
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Restoration of degraded habits, National parks & sanctuaries, community reserve.	Lecture Method
16 Mar to 21 Mar	Important features of protected areas in India, Tiger conservation, Tiger reserves in India.	Lecture method
30 Mar to 04 April	**House Test**	
06 April to 11 April	Tiger reserves in India, Management challenges in Tiger reserve.	Lecture method.
13 April to 18 April	Revision of Unit – I	
20 April to 25 April	Revision of Unit – II	–
27 April to 02 May	Revision of Unit – III	–
04 May to 05 May	Revision of Unit – IV	–

Reference Books:-

- Caughley, G., and Sinclair, A.R.E (1994), Wildlife Ecology & Management, Blakwell Science.
- Sutherland, W.J (2000) - The conservation Handbook, Blakewell Science.

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Sc. II. (IV Sem) Subject ..Zoology Lecturer Name Ms. Khushbu

Course objectives ..... (Biomolecules & mammalian Physiology)

- Students will be able to understand & explain the mechanism of that works to keep the human body functioning.

Week	Topics	Methodology
01 Jan - 3 Jan	—	—
05 Jan to 10 Jan	—	—
12 Jan to 17 Jan	—	—
19 Jan to 24 Jan	Unit-I Introduction, classification, structure function & general properties of proteins, carbohydrates & lipids.	Lecture Method
27 Jan to 31 Jan	Nomenclature, classification & mechanisms of enzyme action, Enzyme kinetics, factors affecting enzyme activity, inhibition of enzyme.	Lecture Method
02 Feb to 07 Feb	Transport through biomolecules, osmotic pressure, hydrogen ion concentration & buffers.	Lecture Method
09 Feb to 14 Feb	Unit-II Nutrition :- Nutritional components, carbohydrates, fats, lipids, Vitamins & minerals, Types of nutrition & feeding, Digestion.	Lecture Method
16 Feb to 21 Feb	Symbiotic digestion, lactose intolerance, physico-chemical mechanism of Absorption nutrients & assimilation, control of secretion of digestive juices	Lecture Method.

Week	Topics	Methodology
23 Feb to 28 Feb	Muscles :- Types of muscles, ultra st. of skeletal muscle, neuromuscular function, Biochemical & physical events during muscle contration, single muscle twitch.	Lecture Method
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	tetanus, muscle fatigue, muscle tone, oxygen debt., cori's cycle, single unit smooth muscles & their physical & functional properties.	Lecture Method
16 Mar to 21 Mar	Unit - III Circulation, Respiration & Excretion with their sub-topics	Lecture Method
30 Mar to 04 April	**House Test**	
06 April to 11 April	Unit IV Neural Integration, Nature origin & propagation of nerve impulse alongwith medulated & non-medullated nerve fibre, conduction of nerve impulse.	Lecture Method
13 April to 18 April	Synaptic delay & synaptic fatigue, Neuro-transmitter, chemical integration of Endocrinology, Structure, chemical nature & mechanism of peptide & steroids.	Lecture Method
20 April to 25 April	hormone action, physiology of hypothalamus, pituitary, thyroid, parathyroid, adrenal. Reproduction, menstrual cycle in human.	Lecture method.
27 April to 02 May	Revision	
04 May to 05 May	Revision	

Reference Books:- • Satyanarayan (2021), Biochemistry, Elsevier, 6th edition.
• Moyes C, Schulte P (2015), Principles of Animal Physiology, Pearson, 3rd edition.

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem (M.A.N.M.C.S) 4th Sem. Subject Indian Biodiversity (VAC) Lecturer Name Ms. Khushbu

Course objectives .....

- Know about an overview of Indian Biodiversity.
- To identify the local biodiversity.

Week	Topics	Methodology
01 Jan - 3 Jan	—	—
05 Jan to 10 Jan	—	—
12 Jan to 17 Jan	—	—
19 Jan to 24 Jan	Unit-I An overview of Indian Biodiversity, Faunal & Floral Indian biodiversity.	Lecture Method
27 Jan to 31 Jan	Definition & concept of Biodiversity, Important Biodiversity area of India. Levels, values & threats & conservation.	Lecture Method
02 Feb to 07 Feb	Unit-II - Popular Biosphere Reserves & their biodiversity, Popular Tourist spots of Rich Biodiversity.	Lecture Method
09 Feb to 14 Feb	Insitu & Ex-situ conservation of biodiversity.	Lecture Method
16 Feb to 21 Feb	Unit-III Protected Areas & their roles in biodiversity conservation.	Lecture Method

Week	Topics	Methodology
23 Feb to 28 Feb	Important National Park and Wildlife sanctuaries, IUCN categories, Threatened categories.	Lecture Method
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Unit- IV Terrestrial Biodiversity, Aquatic & coastal Biodiversity.	Lecture Method
16 Mar to 21 Mar	Biodiversity hotspots, Characteristic flora & fauna.	Lecture Method
30 Mar to 04 April	**House Test**	
06 April to 11 April	Biodiversity resources of North-East India.	Lecture Method
13 April to 18 April	Revision & Test of Unit - I	
20 April to 25 April	Revision & Test of Unit - II	
27 April to 02 May	Revision & Test of Unit - III	
04 May to 05 May	Revision & Test of Unit - IV	

Reference Books:-
- Thammineni Pullaiah & Sandhya Rani (2016) "Biodiversity In India" volume: Regency Publications.
- Erach Bharucha (2002) "The Biodiversity of India" Mapin Pub.

Lecturer

HOD Maths

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem BA.1st. IISEM Subject Principles of Pol Sci Lecturer Name Dr. Mamta Wadhwa
Dr. Dimpal Aggarwal
Ms. Nitya

Course objectives .....
To develop critical thinking & Analytical skills for understanding Political Processes and Institutions.
To encourage responsible citizenship & democratic value.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction of syllabus to students. Explain the legislature & it's appointment & Type of legislature	Lecture
05 Jan to 10 Jan	Define the Executive of Government It's kind & Appointment. Function & Role/Power of Executive Explain diff. b/w legislature & Executive	"
12 Jan to 17 Jan	Define the meaning, importance and Independece of Judiciary. Explain the Judiciary in modern Era.	"
19 Jan to 24 Jan	Explain the concept of Rule of Law Explain the concept of Separation of Power. Revision of Unit - I	"
27 Jan to 31 Jan	Define the system of Unitary Government. Define Federal Government Explain their importance	"
02 Feb to 07 Feb	Explain the difference between Unitary & Fedaral Government Discuss Power & Drawbacks of Both	"
09 Feb to 14 Feb	Define Parliamentary Government it's power & importance in Today's world. Define the Presidential Government	"
16 Feb to 21 Feb	Explain the diff. between Parliamentary & Presidential Government. Revision of Unit II class Test of Unit I & II.	"

Week	Topics	Methodology
23 Feb to 28 Feb	Explain the operational dynamics of Political system. Define it in Indian Context and discuss it's relevant	Lecture
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Define the importance & Role of Party System. Discuss Political Parties. Utility of Party System in Democracy.	"
16 Mar to 21 Mar	Discuss the different systems & methods of Representation. Electoral system & Proportional Representation & Universe Adult franchise	"
30 Mar to 04 April	**House Test**	
06 April to 11 April	Discuss main Types & models of Bureaucracy. Bureaucracy in Third world system & its merits & Demerits. Revision of Unit III	"
13 April to 18 April	Discuss the different Types of Rule with students. Explain Monarchy its feature & importance	"
20 April to 25 April	Discuss the concept of military Rule. Learn the Authoritarian & Totalitarian Rule it's main feature	"
27 April to 02 May	Discuss diff. between Authoritarian & Totalitarian Political system. Discuss the Hannah Arend views of Totalitarian.	"
04 May to 05 May	Explain meaning & defination of Democracy. Understand its Types Revision of Unit IV class Test of Unit III & IV	"

Reference Books:-

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem BA II (IV sem) Subject Political Science (Principles of Pol. science) Lecturer Name Dr. Mamta Wadhwa, Dr. Dimpal, Ms. Nitya.

Course objectives ..... 1. Understand the theory and Practice of govt and various form of govt; seperation of Power and rule of law.

Week	Topics	Methodology
01 Jan - 3 Jan	Discuss the syllabus with the students.	Lecture Method
05 Jan to 10 Jan	Explain Meaning, functions and Power of Legislature. Discuss the reason of the Decline of Legislature.	"
12 Jan to 17 Jan	Explain the Argument Agains and favour of Bi-cameralism and explain the merits and demerits of Bi-cameralism.	"
19 Jan to 24 Jan	Explain the Meaning of Executive and explain its functions. Tell the Meaning of Judicary.	"
27 Jan to 31 Jan	Explain functions and importance of Judicary. Explain the whole topic of 'Independence of Judicary'	"
02 Feb to 07 Feb	Explain Meaning, Importance and characteristics of 'Seperation of Powers'. Explain Features of Unit 1.	"
09 Feb to 14 Feb	Explain Meaning, Characteristics and Criticism of Unitary and Federal Govt.	"
16 Feb to 21 Feb	Explain Meaning, functions Characteristics of Parliamentary and Presidential Govt.	"

Week	Topics	Methodology
23 Feb to 28 Feb	Take the class test of Unit 1 and clarify the student's doubt Tell the Meaning of 'Political Parties'	Lecture Method
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Explain functions, Characteristics and Criticism of Political Parties Tell the Meaning and definition of 'Pressure groups'	
16 Mar to 21 Mar	Explain the System and Methods of Representation'	
30 Mar to 04 April	**House Test**	
06 April to 11 April	Explain Meaning, Theory and characteristics of Bureaucracy, Tell the Meaning of Monarchy.	
13 April to 18 April	Explain Totalitarianism and Military rule and Explain the difference among them.	
20 April to 25 April	Tell Meaning, Definition and characteristics of Democracy/ Class Test of unit 3	
27 April to 02 May	Explain. Direct and Indirect democracy; Conditions necessary for the success of Democracy.	
04 May to 05 May	Take viva test and assign the assessment marks of the students.	

Reference Books:-

Lecturer

HOD Dr. Mamta Wadhwa

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A III/VI Sem. Subject Political science Lecturer Name Dr. Mamta Wadhwa
Dr. Dimple
Ms. Nitya

Course objectives .....

Week	Topics	Methodology
01 Jan - 3 Jan	Introduce the students syllabus among the students	Lecture Method
05 Jan to 10 Jan	Describe Meaning, Purposes & approaches of organisation.	"
12 Jan to 17 Jan	Define origin of 'League of Nation', Concert of Europe & Hague system.	"
19 Jan to 24 Jan	Explain the Meaning, features, objectives of International order of Regional organisation.	"
27 Jan to 31 Jan	UNO:- Explain the origin theory, Aim and Principals.	"
02 Feb to 07 Feb	Describe the Membership of UNO and its organs.	"
09 Feb to 14 Feb	The General Assembly — organisation, Powers, changing Role will be discussed in the class.	"
16 Feb to 21 Feb	Describe the organisation, voting system & Powers of security-council.	"

Week	Topics	Methodology
23 Feb to 28 Feb	Class Test of Unit 1 will be taken. Describe Veto Power, Argument in favour and Against the veto-power of Security Council.	Lecture.
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Aims, functions & Criticism of the Economic & Social Council will be explained. Objective questions will be explained.	"
16 Mar to 21 Mar	Explain Composition, functions and Evolution of International Court of Justice & The secretariat	"
30 Mar to 04 April	**House Test**	
06 April to 11 April	Composition, Function and achievement of 'UNESCO' & 'WHO' will be Explained among the students	"
13 April to 18 April	Explain Composition, functions & Features of 'UNICEF' Explain the Evaluation of UNO	"
20 April to 25 April	Class Test of Unit 2 will be taken. Explain organization Principal & achievement of SAARC	"
27 April to 02 May	Explain ASEAN & BIMSTEC & Function & Role of Human Rights.	"
04 May to 05 May	Take Viva Test and Do The Assessment work	"

Reference Books:-

Lecturer

Nitya

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A. II Sem Subject .Hindi. AEC Lecturer Name .Pooja..Singh

Course objectives हिंदी भाषा एवं संप्रेषण में संप्रेषण का अर्थ, महत्व, उद्देश्य, श्रवण प्रक्रिया, बाधाएं भारत में बोली जाने वाली हिन्दी, प्रस्तुति कौशल, साक्षात्कार कौशल, भाषण की तैयारी और प्रस्तुति से छात्राओं को अवगत कराना।

Week	Topics	Methodology
01 Jan - 3 Jan	सभी छात्राओं को पाठ्यक्रम को अवगत कराया	व्याख्यान विधि
05 Jan to 10 Jan	संप्रेषण से आप क्या समझते हो, संप्रेषण तत्व, और कार्यों पर प्रकाश डालिए, संप्रेषण के सिद्धांत और उपायों पर प्रकाश डालकर छात्राओं को अवगत कराना	,,
12 Jan to 17 Jan	संप्रेषण की विशेषता, संप्रेषण और संचार में अंतर, संप्रेषण की प्रक्रिया और अंतर्राष्ट्रीय संप्रेषण की सविस्तार चर्चा की जाएगी।	,,
19 Jan to 24 Jan	संस्कृति क्या है संप्रेषण एवं संस्कृति के बीच संबंध, विशेषताएं, संस्कृति की विविधता अथवा विविधता का अर्थ स्पष्ट करते हुए छात्राओं को अवगत कराना।	,,
27 Jan to 31 Jan	सूचना एवं संप्रेषण प्रौद्योगिकी क्या है प्रौद्योगिकी आधारित उपकरण, मौखिक और गैर मौखिक संप्रेषण की बीच अंतर बताते हुए छात्राओं की समझ विकसित कराना।	विश्लेषणात्मक पद्धति
02 Feb to 07 Feb	श्रवण संप्रेषण क्या है परिभाषा, महत्व और परिभाषा बताते हुए श्रवण बाधित के प्रकारों के बारे में छात्राओं को अवगत कराना।	,,
09 Feb to 14 Feb	श्रवण प्रक्रिया के दोष, सुधार और श्रवण के प्रकारों पर प्रकाश डाला जाएगा।	,,
16 Feb to 21 Feb	प्रभावी ढंग के श्रवण को समझो, नोट लेना और नोट बनाना सविस्तार से समझाना।	,,

Week	Topics	Methodology
23 Feb to 28 Feb	प्रयोजनात्मक विषय समझाते हुए छात्राओं को प्रयोजनात्मक कार्य दिया गया इकाई 1 और 2 का रिविजन कराया।	व्याख्यात्मक पद्धति
01 Mar to 08 Mar	**Holi Break**	,,
09 Mar to 14 Mar	इकाई 1 और 2 का यूनिट टैस्ट कराया और प्रयोजनात्मक कार्य जाँच किया गया भारत में बोली जाने वाली हिन्दी के रूपों को परिचय दिया जाएगा	,,
16 Mar to 21 Mar	हिन्दी भाषा की भूमिका, उद्भव, पीढ़भाषा, विशेषता और संरचना पर प्रकाश डालना।	,,
30 Mar to 04 April	**House Test**	
06 April to 11 April	हिन्दी के भाषा रूपों का परिचय, नियमों, विभिन्न उच्चारण स्थानों और अंतर्राष्ट्रीय ध्वन्यात्मक वर्णमाला का ऐतिहासिक परिचय दिया जाएगा	,,
13 April to 18 April	प्रस्तुति कौशल में सुधार के उपाय, लाभ, साक्षात्कार क्या है साक्षात्कार के महत्व एवं प्रकारों पर प्रकाश डाला जाएगा	व्याख्यान प्रणाली
20 April to 25 April	साक्षात्कार कौशलों का वर्गीकरण, साक्षात्कार के दौरान भिन्न-२ बातों का ध्यान रखना है साक्षात्कार की प्रश्नावली से छात्राओं को अवगत कराना	,,
27 April to 02 May	साक्षात्कार कैसे होता है उसकी तकनीक, भाषण की विशेषताएं, भाषण की तैयारी, भाषण के आयोजन पर संक्षिप्त चर्चा।	,,
04 May to 05 May	इकाई 3, 4 की पुनरावृत्ति और रिकार्ड टैस्ट कराया गया	,,

Reference Books:- हिंदी भाषा एवं संप्रेषण, मौखिक संप्रेषण

Lecturer पूजा सैनी

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A. II Sem Subject Hindi (minor) Lecturer Name Pooja Singh

Course objectives राजभाषा की परिभाषा, राष्ट्रभाषा और राजभाषा के अंतर, मानक भाषा हिंदी की संवैधानिक व्यवस्था, हिन्दी का वैज्ञानिक और तकनीकी विकास, हिन्दी लेखन, मुद्रण एवं कम्प्यूटरीकरण विश्व हिन्दी सम्मेलन आदि से अवगत कराना।

Week	Topics	Methodology
01 Jan - 3 Jan	सभी छात्राओं को पाठ्यक्रम से अवगत कराया	व्याख्यान विधि
05 Jan to 10 Jan	राजभाषा क्या है, परिभाषा और प्रकृति (स्वरूप) के बारे में समझ विकसित करानी।	,,
12 Jan to 17 Jan	सम्पर्क भाषा, राष्ट्रभाषा और राजभाषा में क्या - र अंतर है इससे छात्राओं को अवगत कराना।	,,
19 Jan to 24 Jan	प्रशासन और राजभाषा के अंत: संबंध, प्रशासनिक भाषा की विशेषताएं, राजभाषा के रूप में हिंदी का चयन, मानक भाषा एवं राजभाषा में अंतर से विद्यार्थियों को अवगत कराना	,,
27 Jan to 31 Jan	राजभाषा क्या है, संविधान के राजभाषा संबंधी आदेश, राजभाषा संकल्प की विस्तार व्याख्या की। से अवगत कराना।	विश्लेषणात्मक पद्धति
02 Feb to 07 Feb	राजभाषा अधिनियम, राष्ट्रपति के राजभाषा संबंधी आदेशों, राजभाषा संकल्प के प्रावधानों से छात्राओं को अवगत कराना	,,
09 Feb to 14 Feb	द्विभाषिकता और बहुभाषिकता में अंतर, त्रिभाषा नीति, त्रिभाषा सूत्र का विद्यार्थियों को सविस्तार वर्णन कराना इसी एक का यूनिट टेस्ट ही लेना	,,
16 Feb to 21 Feb	हिंदी भाषी प्रदेशों, हिन्दी की वर्तमान स्थिति, राजभाषा, हिन्दी की संवैधानिक स्थिति का छात्राओं को मूल्यांकन कराना।	,,

Week	Topics	Methodology
23 Feb to 28 Feb	प्रयोजनात्मक विषय समझाते हुए छात्राओं को प्रयोजनात्मक कार्य दिया जाना और ईकाई 1 और 2 का रिविजन कराना	कालानुक्रमिक पद्धति
01 Mar to 08 Mar	**Holi Break**	〃
09 Mar to 14 Mar	ईकाई 1 और 2 का यूनिट टेस्ट कराना और प्रयोजनात्मक कार्य लिया गया वैज्ञानिक और तकनीकी भाषा के रूप और उनकी उपलब्धियों और सीमाओं पर प्रकाश डालना।	〃
16 Mar to 21 Mar	कार्यालयी हिन्दी में अनुवाद की समस्या, मौलिक लेखन की भाषा के रूप में हिंदी की विशेषताओं, अनुवाद भाषा के रूप राजभाषा हिंदी के विकास से अवगत कराना।	〃
30 Mar to 04 April	**House Test**	〃
06 April to 11 April	भारत में न्यायपालिका की भाषा, बैंकिंग प्रणाली की भाषा और भारत में बीमा क्षेत्र की भाषा की आवश्यकता और प्रयोग पर प्रकाश डालना	〃
13 April to 18 April	आलेख लेखन, टिप्पण टिप्पण के प्रकार और विशेषताओं का परिचय दिया, संक्षेपण क्या है, परिभाषा संक्षेपण के प्रकार और गुणों के बारे में छात्राओं को अवगत कराना।	व्याख्यान प्रणाली
20 April to 25 April	पत्राचार, पारिभाषिक शब्दावली, हिंदी वर्तनी और मुद्रण की विस्तार से चर्चा कम्प्यूटर का अर्थ मनुष्य और कम्प्यूटर में अंतर, कम्प्यूटर के योगदान के बारे में छात्राओं को अवगत कराना।	〃
27 April to 02 May	इंटरनेट क्या है, कार्यप्रणाली, उपयोगिता, हिंदी के प्रचार-प्रसार के विभिन्न संस्थाओं की भूमिका, अंतर्राष्ट्रीय स्तर पर हिन्दी की विवेचना। विश्व हिंदी सम्मेलनों का संक्षिप्त परिचय दिया जाना।	〃
04 May to 05 May	ईकाई 3,4 की पुनरावृत्ति और ईकाई टेस्ट कराया जाना।	〃

Reference Books:- राजभाषा हिंदी : प्रावधान और प्रयोग

Lecturer पूजा सिंह

HOD

Course Code : 25 UN-ENG-201

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A.I, sem 2nd Subject English Prose (Major) Lecturer Name Dr. Aparna Batra, Dr. Ritika Aggarwal

Course objectives: To understand the meaning and purpose of prose writing.

⇒ To Improve their reading comprehension and critical thinking

Week	Topics	Methodology
01 Jan - 3 Jan	Unit - I Introduction to Francis Bacon and his Essay "of Truth".	Discussion
05 Jan to 10 Jan	Detailed discussion "of Friendship" and "of Studies"	Lecture
12 Jan to 17 Jan	Discussed Q+Ans on Francis Bacon and Introduction of Joseph Addison.	Lecture
19 Jan to 24 Jan	Detailed study of "Female orators." and Introduction to Sir Richard Steele.	Discussion
27 Jan to 31 Jan	Detailed study of "of the club' and discussed themes & Q+Ans.	Lecture
02 Feb to 07 Feb	Unit - II Introduction to charles lamb and his essay "Dream Children: A Reverie".	Discussion
09 Feb to 14 Feb	Detailed study of "The Praise of chimney-Sweepers" Discussed Q+Ans.	Discussion + Lecture
16 Feb to 21 Feb	Unit - III Discussed "shooting an Elephant" and George	Explanation

Week	Topics	Methodology
23 Feb to 28 Feb	Introduction to E.M. Foster and his work "Tolerance" and Introduction given of Bertrand Russell.	Explaination.
01 Mar to 08 Mar	Holi Break	—
09 Mar to 14 Mar	Detailed Study of "An outline of Intellectual Rubbish" and Discussed Q+Ans.	Lecture
16 Mar to 21 Mar	Revision of House Test Syllabus.	Discussion
30 Mar to 04 April	House Test	—
06 April to 11 April	Unit - IV Introduction to R.K Narayana and Detailed study of "Toasted English".	Lecture
13 April to 18 April	Detailed study of APJ Abdul Kalam's work "Introduction to wings of fire".	Lecture
20 April to 25 April	Detailed study of "Great Books Born out of Great Minds" Discussed Q+Ans.	Explanation
27 April to 02 May	Introduction to Nirad C. Choudhary and study of "Public Transport in London and Delhi"	Discussion
04 May to 05 May	Revision.	—

Reference Books:- The spectator, Bacon, Francis Essays, APJ Abdul Kalam's wings of fire : An Autobiography.

Lecturer Dr. Aparna Batra, Dr Rinku, Ms Lavisha, Ms Mussa

HOD

Course Code : 24-UN-ENG-AEC201

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A. I st, 2nd sem Subject AEC-2 Lecturer Name Lavisha

Course objectives → To Develop effective business communication skills across various contexts.

→ To enhance listening and speaking skills for professional settings.

Week	Topics	Methodology
01 Jan - 3 Jan	Unit - I Discussed about Business communication, Cross-cultural communication.	Discussion
05 Jan to 10 Jan	Detailed discussion on Developing effective listening & speaking skills. Speaking skills : functions and activities of PR.	Explaination
12 Jan to 17 Jan	Discussed about meeting in office, Talks - Domain - specific, meeting & Negotiation.	Lecture
19 Jan to 24 Jan	Detailed study on Job Interview, Business Interview; Promotion Interview, Presentation skills.	Lecture
27 Jan to 31 Jan	Discussion on oral & PPT Presentation, Group Discussion, Motivational Talks.	Discussion
02 Feb to 07 Feb	Discussed Topics like Telephonic Skills, Persuasion Skills.	Discussion.
09 Feb to 14 Feb	Revision of Unit - I.	Discussion
16 Feb to 21 Feb	Unit - II Discussion on writing skills : Designing Advertisement / Invitation	Discussion.

Week	Topics	Methodology
23 Feb to 28 Feb	Discussed Poster. Designing — canvar / MS Word / coral, letter writing.	Discussion.
01 Mar to 08 Mar	**Holi Break**	—
09 Mar to 14 Mar	Taught how to write Business Letters, Job Application Letter, Email.	Lecture + Chalk Board
16 Mar to 21 Mar	Discussed about how to write Report and its types; Job oriented Skills — CV.	Discussion
30 Mar to 04 April	**House Test**	—
06 April to 11 April	Lecture on: How to write Resume and making Online Academic / work Profile — Linked In,	Chalk Board.
13 April to 18 April	Memo, office order & How to write Minutes of a meeting.	"
20 April to 25 April	Revision of Unit — II.	Discussion
27 April to 02 May	Revision of notes and Sample papers.	Discussion
04 May to 05 May	Revision.	—

Reference Books:- Kumar Sanjay & Pushplata. Communication Skills, OUP

Lecturer Dr. Aparna Batra . Dr. Rinku . Ms Vanitha

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A I, B.Sc I, B.Com I Subject A.E.C (201) Lecturer Name Dr. Aparna Batra, Dr. Rinku Aggarwal, Dr. Shakuntala.

Course objectives :To develop effective business comm. skills in professional contexts. • To enhance listening, speaking and writing skills required in the workplace. • To prepare students for interviews, presentation and corporate communication.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to Business communication : meaning, nature & importance.	Lecture Method Discussion
05 Jan to 10 Jan	Process of communication, Types of communication	Blackboard Teaching
12 Jan to 17 Jan	• Barriers to comm.; ways to overcome them • cross cultural communication	Lecture & Case Study
19 Jan to 24 Jan	• Listening skills: Types & Importance • Speaking skills for professional Settings	Demonstration activities
27 Jan to 31 Jan	• functions & activities of public relations. • Meeting in office Types & procedures	Interactive Lecture, Practice.
02 Feb to 07 Feb	• Negotiation Skills & Telles • Job interview & Business interview.	Lecture, Discussion
09 Feb to 14 Feb	• Promotion interview. • Presentation skills (Oral & PPT)	Role play, discussion
16 Feb to 21 Feb	• Group Discussion & Motivational Talks.	Discussion & group activity

Week	Topics	Methodology
23 Feb to 28 Feb	Group Discussion on various Topic (Practice)	group Disaussion
01 Mar to 08 Mar	**Holi Break**	—
09 Mar to 14 Mar	• Telephonic skills • Persuasion skills.	Demonstration, Practice
16 Mar to 21 Mar	• Designing Advertisement • Invitation & Poster	Practical work
30 Mar to 04 April	**House Test**	—
06 April to 11 April	• Letter writing • Business Letters	Lecture, writing Practice.
13 April to 18 April	• Job Application, Email • & blog writing	Practical writing
20 April to 25 April	• CV, Resume, LinkedIn Profile • Memo & Office order	Demonstration, Drafting
27 April to 02 May	• Minutes of Meeting & writing	Discussion Revision
04 May to 05 May	Revision & Test.	Revision

Reference Books:- Reference Books.

Lecturer Dr. Aparna Batra, Dr. Rinku Aggarwal HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A.I. (2nd sem) Subject ... English [25UN-ENG-SEC] Lecturer Name Ms. Lavisha Ms. Anju Rani Ms. Nancy.

Course objectives :- SEC

- understand the importance of soft skills and how they help in personal and professional growth.
- Develop emotional intelligence and a positive self-img.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to the Paper and. Syllabus and paper pattern along with the approaches to studying this paper.	Lecture Method.
05 Jan to 10 Jan	Introduction to the soft skills and its significance in this present era. Detailed lecture on Personality Develop	Lecture Method. + Chalk Board
12 Jan to 17 Jan	Detailed lecture on the topic Adaptability in a changing world and its import ance	Chalk & Board Method.
19 Jan to 24 Jan	Detailed lecture on the topic Soft skills v/s Hard skills and their interconnection	Lecture Method. Chalk, Board.
27 Jan to 31 Jan	Detailed lecture on the topic Industrial Require ment : From Campus to Corporate.	Interac tive Lecture Method.
02 Feb to 07 Feb	Detailed lecture on the topic 'How to Develop soft skills' and instruct to student to cultivate the	Interactive Method.
09 Feb to 14 Feb	Revision of the unit-I as. above mentioned topics. and guide students, how to prepare their own Note.	Discussion Method.
16 Feb to 21 Feb	Detailed lecture on the. topic 'Emotional Intelligence' and it importance in	Interactive method

Week	Topics	Methodology
23 Feb to 28 Feb	Detailed lecture on the topic 'Self-Esteem and Self image Management and its Role in our life'	Lecture & Interactive Method.
01 Mar to 08 Mar	Holi Break	
09 Mar to 14 Mar	Detailed lecture on 'Social Skills and Social Awareness and its Importance in a social setup.	Lecture Method chalk & Board
16 Mar to 21 Mar	A Detailed lecture on the topic 'Building Empathy' and its significance in our professional & personal life.	Interactive Method.
30 Mar to 04 April	House Test	
06 April to 11 April	Revision of unit II completely Detailed lecture on the topic 'What is leadership' and Everyday leadership.	Lecture Method chalk & Board.
13 April to 18 April	Detailed lecture on the topic Qualities of a good leader' and instruct to student for developing these qualities	Lecture Method.
20 April to 25 April	Detailed lecture on the topic 'Professionalism & Creativity, Coordination & collaboration.''	Lecture method. chalk & board.
27 April to 02 May	Detailed lecture on the topic 'Working efficiently with others' along with instructions in a professional setting	Interactive method.
04 May to 05 May	Detailed lecture on the topic 'Embracing diversity and inclusion.'' Revision of unit III entirely.	Lecture Method.

Reference Books:-

Aryan
Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A I... Subject English [25UN-ENG1-203] Lecturer Name Dr. Rinku Aggarwal Ms. Anju Rani

Course objectives : Understand the meanings and features of science fiction
, know important sci-fi terms
Explore futuristic ideas and scientific imagination in literature
Improve interest in creative writing and speculative fiction.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to the syllabus of the paper and its exam pattern along with the approaches to studying the science fiction.	Lecture Method.
05 Jan to 10 Jan	Introduction to the science fiction and detailed lecture on the important sci-fi terms.	Lecture Method
12 Jan to 17 Jan	Introduction to the short story and its elements in context to science-fiction	Lecture Method.
19 Jan to 24 Jan	Introduction to the writer Begum Rokeya Hosain and her writing style with Major themes	Lecture Method
27 Jan to 31 Jan	Detailed analysis of text with sci-fi & feminist readings of the writing "Sultana's Dreams."	Close Reading Method
02 Feb to 07 Feb	Introduction to the concept based questions, and discussion on these question according to exam point of view	question Answer Method
09 Feb to 14 Feb	Introduction to the writer Ray Bradbury and his writing style with major themes.	Lecture Method
16 Feb to 21 Feb	Detailed analysis of the text with sci-fi reading of the writing "The Veldt"	close Reading Method

Week	Topics	Methodology
23 Feb to 28 Feb	Detailed discussion on the concept based questions and discuss them accordig to exam point of view.	question Answer Method.
01 Mar to 08 Mar	Holi Break	
09 Mar to 14 Mar	Introduction to the writer Vandana Singh and her writing style and major themes of her writigs	lecture Method
16 Mar to 21 Mar	Revision of the key Sci-fi items and above mentioned writer and give a overview again for better understandg	Discussion Method.
30 Mar to 04 April	House Test	
06 April to 11 April	Detailed analysis of the text "The Woman who thought She was a planet." with sci-fi interpretations.	close Readg Method
13 April to 18 April	Detailed discussion on the concept based questions and discuss them accordig to exam point of view..	question Answer method.
20 April to 25 April	Introduction to the writer Aldous Huxley and his writg style and major themes of his writig style	lecture method.
27 April to 02 May	Detailed analysis of the text "Brave New World" with sci-fi interpretation.	lecture & close Readg method.
04 May to 05 May	Detailed discussion on the concept-based question accordig to exam point of view. Revision of both units	Lecture Method and Due Any Metho.

Reference Books:- Prescribed books and Suggestive Readigs Notes Provided by Class Teacher

Arjun

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A. 4th Sem Subject Eng. Drama (25UN-ENG-401) Lecturer Name Rinku Aggarwal, Mrs. Nan Dr. Aparna Batra, Dr.

B.A. 2nd (Eng Minor)

Course objectives 1) Understand the meaning, types and elements of drama.

2) Study how drama presents human emotions Conflicts and social issues.

Week	Topics	Methodology
01 Jan - 3 Jan	Orientation to Eng. Drama and give a detailed lecture on types of drama.	Lecture + Interactive method
05 Jan to 10 Jan	Explain the types of drama further - Tragedy, Comedy Tragedy - comedy and melo-drama	Discussion method
12 Jan to 17 Jan	Give a detailed lecture on the Heroic Drama, Problem Play, Comedy of Manners, Comedy of Errors.	Lecture method
19 Jan to 24 Jan	Detailed lecture on Sentimental Comedy, Farce, The Drama of Ideas; Propaganda Drama The History Play.	Inter-active method
27 Jan to 31 Jan	Give a detailed explanation on elements of Drama: Plot, Character, Thought, Diction.	Discussion method
02 Feb to 07 Feb	Take up the elements of drama further- Melody, Spectacle and Stagecraft.	Discussion method
09 Feb to 14 Feb	Give a detailed lecture on the author's introduction Anton Chekhov and make read the text 'The Proposal'	Interactive method
16 Feb to 21 Feb	Give a reading of the [illegible] explain it [illegible]	Interactive method

Week:	Topics	Methodology
23 Feb to 28 Feb	Discuss Q & As regarding the text 'The Proposal' and introduce the next author J.M. Synge and his text 'Riders to the Sea'	Discussion + lecture
01 Mar to 08 Mar	Holi Break Make the students revise Unit 1st & 2nd for house test	
09 Mar to 14 Mar	Make the students read the text thoroughly 'Riders to the Sea' and discuss Q & As	Explanatory method
16 Mar to 21 Mar	Introduction to Unit 3rd and the author J.B. Priestly Mother's Day.	Lecture method
30 Mar to 04 April	House Test	
06 April to 11 April	Give a detailed reading of the text Mother's Day and explain it throughly	Reading + Explanation
13 April to 18 April	Discuss Q & As regarding the text Mother's Day along with its author introduce the St John Ervin.	Discussion method
20 April to 25 April	Give a text reading of the text 'Progress' and give a detailed explanation of it.	Discussion method
27 April to 02 May	Introduction to the author Rabindranath Tagore and provide a context regarding the text 'Chandalika'	Explanatory method
04 May to 05 May	Give a thorough reading of the text 'Chandalika' and discuss all the Q & As	Discussion method

Reference Books:- Follow the prescribed book for Unit 2, 3 and 4 Snapshots : One act Plays Ed. by S.K. Sharma

Nancy
Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

[25-UN-ENG-AEC401] Ms. Lavisha English

Class with Sem B.A II (4th sem) Subject ..... AEC Lecturer Name Ms. Arjn Rani Ms. Nidhi

Course objectives
- understand New words are formed and learn to use prefixes, suffixs and compound words effectively
- Improve vocabulary through learning synonyms, antonymes one word substitution and commonly misspelt words.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to word Formation and compound words, Prefixes and suffixes and make them students make words out of it	lecture + Chalk & Board Method
05 Jan to 10 Jan	Introduction to words Describing people and help the students use them in daily life. Instruct to students for keep Practicing	Interactive Method.
12 Jan to 17 Jan	Make the Students describe regarding weather, feelings and again help them to use it into daily life	Interactive Method.
19 Jan to 24 Jan	Make the students learn and write some vocabs regarding cookery and gave some foreign words.	Discussion Method
27 Jan to 31 Jan	Make the students learn to describe attitudes, openness and again help them to use it in a pratical way.	Discussion Method
02 Feb to 07 Feb	Orientation to the most commonly used Latin and French words	Interactive Method.
09 Feb to 14 Feb	Make the students learn and use the most commonly latin and french words in their life	Discussion Method
16 Feb to 21 Feb	Introduction to the Idioms and Phrases and give most commonly used idiom and phrases in daily and workplace.	Interactive Method

Week	Topics	Methodology
23 Feb to 28 Feb	Introduction to the Pharasal verbs and make the students wrote the most common use.	Interactive Method.
01 Mar to 08 Mar	Holi Break	
09 Mar to 14 Mar	Introduction to Antonymes and synonyms. Make the students revise antonyms.	Discussion Method.
16 Mar to 21 Mar	Make the students learn all the synonyms and help them to use them in a practical way.	Interactive Method.
30 Mar to 04 April	House Test	
06 April to 11 April	Give one-word substitution and commonly misspelt words and make the students learn it throughly.	student learning method
13 April to 18 April	Introduction to Acronyms and Make the students learn the common one throughly.	Chalk & talk Method
20 April to 25 April	Make the students learn confusing words and corporate them to use it in practical way.	Student learning Method.
27 April to 02 May	Make the students learn abbreviations and use them throughly.	Student learning Method.
04 May to 05 May	Introduction to Homophones and Homonyms with examples and make it interesting to use them in practical ways.	Lecture & learning method

Reference Books:- follow the Prescribed book for unit 1st & 2nd "English Vocabulary and Usage" by R. S. Bhattacharya.

Arjit
Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A. 4th Sem Subject Eng. Drama (25UN-ENG-401) Lecturer Name Dr. Aparna Batra, Dr. Rinku Aggarwal, Ms. Nasr
B.A. 2nd (Eng Minor)

Course objectives 1). Understand the meaning, types and elements of drama.

2) Study how drama presents human emotion conflicts and social issues.

Week	Topics	Methodology
01 Jan - 3 Jan	Orientation to Eng. Drama and give a detailed lecture on types of drama.	Lecture + Interactive method
05 Jan to 10 Jan	Explain the types of drama further - Tragedy, Comedy Tragedy - comedy and melo-drama	Discussion method
12 Jan to 17 Jan	Give a detailed lecture on the Heroic Drama, Problem Play, Comedy of manners, Comedy of Errors.	Lecture method
19 Jan to 24 Jan	Detailed lecture on Sentimental Comedy, Farce, The Drama of Ideas, Propaganda Drama The History play.	Inter-active method
27 Jan to 31 Jan	Give a detailed explanation on elements of Drama: Plot, Character, Thought, Diction.	Discussion method
02 Feb to 07 Feb	Take up the elements of drama further- Melody, Spectacle and Stagecraft.	Discussion method
09 Feb to 14 Feb	Give a detailed lecture on the author's introduction Anton Chekhov and make read the text 'The Proposal'	Interactive method
16 Feb to 21 Feb	Give a reading of the	Interactive method

Week	Topics	Methodology
23 Feb to 28 Feb	Discuss Q & As regarding the text 'The Proposal' and introduce the next author T. M. Synge and his text 'Riders to the sea'	Discussion + lecture
01 Mar to 08 Mar	Holi Break Make the students revise Unit 1st & 2nd for home test	
09 Mar to 14 Mar	Make the students read the text thoroughly 'Riders to the Sea' and discuss Q & As	Explanatory method
16 Mar to 21 Mar	Introduction to Unit 3rd and the author J. B. Priestly Mother's Day.	Lecture method
30 Mar to 04 April	House Test	
06 April to 11 April	Give a detailed reading of the text Mother's Day and explain it thoroughly	Reading + Explanation
13 April to 18 April	Discuss Q & As regarding the text Mother's Day along with introduce the author St John Ervin.	Discussion method
20 April to 25 April	Give a text reading of 'The Program' and give a detailed explanation of it.	Discussion method
27 April to 02 May	Introduction to the author Rabindranath Tagore and provide a context regarding the text 'Chandalika'	Explanatory method
04 May to 05 May	Give a thorough reading of the text 'Chandalika' and discuss all the Q & As	Discussion method

Reference Books:- Follow the prescribed book for Unit 2, 3 and 4 Snapshots : One act Plays Ed. by S.K. Sharma

Nancy
Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

[25-UN-ENG-AEC4-01] Ms. Lavisha

Class with Sem B.A II (4th sem) Subject English AEC Lecturer Name Ms. Arju Rani Ms. Nidhi

Course objectives .understand New words are formed and learn to use prefixes, suffixes and compound words effectively
• Improve vocabulary through learning synonyms, antonymes one word substitution and commonly misspelt words.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to word Formation and compound words, Prefixes and suffixes and make them students make words out of it	Lecture + Chalk & Board Method
05 Jan to 10 Jan	Introduction to words Describing people and help the students use them in daily life. Internet to students for keep practice	Interactive Method.
12 Jan to 17 Jan	Make the Students describe regarding weather, feelings and again help them to use it into daily life	Interactive Method.
19 Jan to 24 Jan	Make the students learn and write some vocabs regarding cookery and game some. foreign words.	Discussion Method.
27 Jan to 31 Jan	Make the students learn to describe attitudes, openness and again help them to use it in a pratical way.	Discussion Method
02 Feb to 07 Feb	Orientation to the most commonly used Latin and French words	Interactive Method.
09 Feb to 14 Feb	Make the students learn and use the most commonly latin and french words in their life	Discussion Method
16 Feb to 21 Feb	Introduction to the Idioms and Phrases and give most Commonly used idiom and Phrases in daily and workplace.	Interactive Method.

Week	Topics	Methodology
23 Feb to 28 Feb	Introduction to the Pharesal verbs and make the students wrote the most common use.	Interactive Method.
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Introduction to Antonymes and synonyms. Make the students revise antonyms.	Discussion Method.
16 Mar to 21 Mar	Make the students learn all the synonyms and help them to use them in a practical way.	Interactive Method.
30 Mar to 04 April	**House Test**	
06 April to 11 April	Give one-word substitution and commonly misspelt words and make the students learn it throughly.	student learning method
13 April to 18 April	Introduction to Acronyms and Make the students learn the common one throughly.	Chalk & talk Method
20 April to 25 April	Make the students learn confusing words and corporate them to use it in practical way.	Student learning Method.
27 April to 02 May	Make the students learn abbreviations and use them throughly.	Student learning Method.
04 May to 05 May	Introduction to Homophonce and Homonyms with examples and make it interesting to use them in practical ways.	lecture & learning method

Reference Books:- follow the Prescribed book for unit 1st & 2nd "English Vocabulary and Usage" by R. So Bhattacharya..

Avijit
Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Sc. IIth Sem Subject Vocabulary Building & Lecturer Name Ms. Nancy

Course objectives 1) Understand how words are formed and learn to use prefixes, suffixes and compound words effectively
2) Improve vocabulary through learning synonyms, antonyms, one word substitutions and commonly misspelt words

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to Word Formation and Compound words, Prefixes and suffixes and make them students make words out of it	Lecture + talk & talk method
05 Jan to 10 Jan	Introduction to words Describing People and help the students use them in daily life.	Interactive method
12 Jan to 17 Jan	Make the students describe regarding weather, feelings and again help them to use it into daily life.	Interactive method
19 Jan to 24 Jan	Make the students learn to describe attitudes, opinion and again help them to use it in a practical way.	Discussion method.
27 Jan to 31 Jan	Make the students learn and write some vocab regarding cooking and gave some foreign words.	Discussion method
02 Feb to 07 Feb	Orientation to the most commonly used Latin and French words.	Interactive method
09 Feb to 14 Feb	Make the students learn and use the most commonly Latin and French words in their life	Discussion method
16 Feb to 21 Feb	Introduction to the Idioms and Phrases and give most commonly used idiom and	Interactive method

Week	Topics	Methodology
23 Feb to 28 Feb	Introduction to the Phrasal verbs and make the students learn the most common one.	Interactive method
01 Mar to 08 Mar	**Holi Break** Make the students revise the first two units throughly for house test	
09 Mar to 14 Mar	Introduction to Antonyms and Synonyms. Make the students learn antonyms	Discussion method
16 Mar to 21 Mar	make the students learn all the synonyms and helps them to use them in a practical way.	Interactive method
30 Mar to 04 April	**House Test**	
06 April to 11 April	Give One-word Substitution and commonly misspelt words and make the students learn it throughly.	Interactive method
13 April to 18 April	Introduction to Acronyms and make the students learn these common one throughly	Chalk & talk method
20 April to 25 April	Make the students learn abbreviations and use them throughly.	Student learning method
27 April to 02 May	Make the students learn confusing words and incorporate them to use it in practical way	Student learning method
04 May to 05 May	Introduction to Homophones and Homonyms with examples and make it interesting to use them in practical way.	Learner Centre method.

Reference Books:- Follow the Prescribed book for unit 1st & 2nd "English Vocabulary and Usage" by R. S. Bhattacharya.

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A, B.Com, B.CA (IV) Subject AEC-4 Lecturer Name Dr. Shakuntala Ms Mrs Ran

Course objectives .To make students - 25-UN-ENG-AEC401

- Understand how words are formed and learn to use words effectively.
- Expand vocabulary. Use idioms, phrases and phrasal verbs
- Correct use of homophones, homonyms and other confusing words

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction of the whole syllabus and Paper pattern and How to Cover the whole Syllabus effectively.	Discussion Method.
05 Jan to 10 Jan	Introduction of unit-I whole Syllabus and explanation of word formation compound words, Suffix	Direct Method.
12 Jan to 17 Jan	Words Describing People, weather, feelings, Attitude, Opinion, Cookery Foreign Words Most Commonly used Latin and French words	Direct method.
19 Jan to 24 Jan	Practice Exercise of Antonyms and Synonyms, Compound words and Homophones and Confusing	Traditional method
27 Jan to 31 Jan	Idioms and Phrases in daily and work place, Phrasal Verbs, One word Substitution	Direct Method
02 Feb to 07 Feb	Commonly misspelt words, Acronyms and Abbreviations	Direct Method
09 Feb to 14 Feb	Confusing words, Homophones.	Direct Method
16 Feb to 21 Feb	Homonyms, Synonyms, Antonyms	Direct method.

Week	Topics	Methodology
23 Feb to 28 Feb	Revision of Unit-I (Topics)	Discussion Method
01 Mar to 08 Mar	Holi Break Homework: Learn word formation, Idioms and Phrases, Synonyms	
09 Mar to 14 Mar	Practice of Phrasal verbs and Confusing words.	Traditional Method
16 Mar to 21 Mar	One word Substitutions, Antonyms and Synonyms (Revision)	Explanation Method
30 Mar to 04 April	House Test House Tests are going on	
06 April to 11 April	Homophones, Homonyms misspelt words.	Bi-lingual Method.
13 April to 18 April	Learning of Antonyms and Synonyms (based on previous years exams or Competitive Exam)	Bi-lingual Method Repetition and Tricks
20 April to 25 April	Learning of Phrasal words and Idioms and One word Substitution	〃
27 April to 02 May	Practice of Previous years Q/P all topics	〃
04 May to 05 May	Revision of Most Import PDF Notes. Specific targeting final exams. Paper Patter and How to attempt paper.	Discussion Method.

Reference Books:- Bhattacharya, R.S. English Vocabulary and Uses
Manak English Grammar Book Online Sources of Vocabulary
Hindi English by Gopal Verma, and English by Rani Ma'am

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Dr Aparna Batra, Dr. Rinku Aggarwal

Class with Sem B.A II, VI Subject GEC..... Lecturer Name Dr. Shakuntala

Course objectives To introduce students to gender inequality, women's oppression and resistance in Indian social, autobiographical and fiction writings
To develop critical understanding of patriarchy

Week	Topics	Methodology
01 Jan - 3 Jan	General introduction of the whole Syllabus and Paper Pattern and planning to cover most imp. points	Explanation method.
05 Jan to 10 Jan	General Introduction of Mahas-weta Devi and the Play Bayen	Lecture method
12 Jan to 17 Jan	Line to Line Explanation of the Play (Bayen) and Reference to the Context	Bi-lingual Method
19 Jan to 24 Jan	Discuss the Q/A and Quic Revision of the whole play by brief short Question/Answer	Bi-lingual method.
27 Jan to 31 Jan	Introduction of Amartya Sen and Seven type of Gender Inequality	Bi-lingual Method
02 Feb to 07 Feb	Line to line Explanation of Seven Type of Gender Inequality	Bi-lingual method.
09 Feb to 14 Feb	Discussion of Q/A and Revision of the whole Essay with brief short q/A and one liners	Bi-lingual
16 Feb to 21 Feb	General introduction of Rassun dari Devi and "Amar Jiban" Translated by Sushabi Chatterjee	Direct Method.

Week	Topics	Methodology
23 Feb to 28 Feb	Line by line Explanation is going on of Amar Jiban. and Discussion of Important Topic for House Test	Bi-lingual method
01 Mar to 08 Mar	Holi Break Revision of Bayen and Seven Types of Gender Inequality	Discussion Method
09 Mar to 14 Mar	feed back of Homework and Experience of Holi Break and next Planning of Revision for House Test, finish the Amar Jiban	Bi-lingual Method
16 Mar to 21 Mar	Revision for Bayen and Seven Types of Gender Inequality and Amar Jiban	Discussion Method
30 Mar to 04 April	House Test House Tests are going on	—
06 April to 11 April	Introduction of Rokeya Sekhawat Hussia: and Sultana's Dream	Bi-lingual Method
13 April to 18 April	Explanation of Sultana's Dream and Discussion of Question / Answer	Bi-lingual Method
20 April to 25 April	Revision of Unit one and Previous years Q/A from this unit-I and Unit-II	Bi-lingual Method
27 April to 02 May	Revision of Unit-III and Previous Years Q/A of this Unit. Revision of Unit-IV	Bi-lingual Method
04 May to 05 May	Quick Revision of Previous Years Q/A and Final Discussion how to attempt Question Paper.	Discussion Method.

Reference Books:- Text books and Online Sources

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem .... B.Com I Final Subject .... Business Mathematics Lecturer Name .... Dr. ANJU RANI

Course objectives .... Students ... will able to learn about Maxima minima of Revenue, cost, Demand, Production, Profit functions related to business and commerce.

Week	Topics	Methodology
01 Jan - 3 Jan	Chapter-1 & 2 Differentiation discuss the basic Concept	Chalk & Board
05 Jan to 10 Jan	derivative of simple func. and other functions theory application in business	Chalk & Board
12 Jan to 17 Jan	Studies Maxima and Minima of Revenue, cost	Chalk & Board
19 Jan to 24 Jan	Demand, production, Profit function Related Examples & Exercises	Chalk & Board
27 Jan to 31 Jan	Chapter-3 Integration define and Indefinite (simple	Chalk & Board
02 Feb to 07 Feb	functions excluding trigonometric functions), Basic Rules of Integration, application of Integration in commercial and business problems.	Chalk & Board
09 Feb to 14 Feb		Chalk & Board
16 Feb to 21 Feb	Related Example and exercises. discuss problems and Test.	Chalk & Board

Week	Topics	Methodology
23 Feb to 28 Feb	Chapter:- 4 Permutations and related Examples & Exercises	Chalk & Board
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Chapter:- 4 Permutations and Combinations	Chalk & Board
16 Mar to 21 Mar	Chapter:- 5 Binomial theorem & Examples	Chalk & Board
30 Mar to 04 April	**House Test**	
06 April to 11 April	Chapter:- 6 Linear Programming (Graphical & Simplex Method)	Chalk & Board
13 April to 18 April	-formulation of linear Programming Problems (LPP) and their solution and Application	Chalk & Board
20 April to 25 April	of linear Programming in solving Problems & Revise	Chalk & Board
27 April to 02 May	Revise Unit I & II & Test Discuss problems	
04 May to 05 May	Revise Unit III & IV test Discuss Problems	

Reference Books:- Jeevandeep Publications

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A III (VI Sem) Subject Real Analysis & Special Function Lecturer Name Dr. Dipti

Course objectives ..... to Get some knowledge of the concepts of Integrability, Improper Integral, Metric space and Compactness.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction of Riemann Integral Integrability of Cts and Monotone functions, The fundamental theorem of Integral Calculus.	Chalk & Board
05 Jan to 10 Jan	Theorems and Examples of Riemann Integral. Darboux Th^{n}. Taking Doubts.	"
12 Jan to 17 Jan	Improper Integral and their Convergence comparison tests, Abel's and Dirichlet's tests. Frullani's Integral. Example of Improper Integral	"
19 Jan to 24 Jan	Integral as a function of a parameter. Continuity, Differentiability and Integrability of an Integral of a function of a parameter.	"
27 Jan to 31 Jan	Examples of Improper Integral as a fun^{n} of a parameter. Start Unit-3. Definition and Examples of metric spaces, nbhd. limit pts, Interior pts, open and closed sets.	"
02 Feb to 07 Feb	Closure and Interior, boundary pt's, Sets in a metric space, equivalent metrics, Cauchy Sequences, Completeness. Th^{m} of completeness.	"
09 Feb to 14 Feb	Cantor's Intersection Th^{m} (Statement and applications), Baire's Category th^{m} (Statements and applications, Contraction principle	"
16 Feb to 21 Feb	Taking Doubts. Start Unit-4. Cts. functions, Uniform Continuity, compactness for metric Spaces, Sequential Compactness Bolzano - Weierstrass Property. Total Boundedness	"

Week	Topics	Methodology
23 Feb to 28 Feb	Finite Intersection property, Continuity in relation with Compactness	Chalk & Board
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Series Sol^n of diff/Eq^n - Power Series Method, Defn. of Beta and Gamma functions, Bessel Eq^n and its Sol^n. Bessel functions and their properties - Cgence, recurrence.	Chalk & Board
16 Mar to 21 Mar	Relations and generating functions Orthogonality of Bessel functions. Legendre differential Eq^{n}s and their Sol^{n}s! Legendre functions. and their properties - Recurrence Relations, and generating functions	"
30 Mar to 04 April	**House Test**	
06 April to 11 April	Orthogonality of Legendre functions, Rodrigues's formula for Legendre, Integral Representation of Legendre polynomial.	Chalk & Board
13 April to 18 April	Definition of Laplace transforms - Existence thm for Laplace transforms, Linearity of the Laplace transforms, Shifting thm's, Laplace transforms of derivatives and Integrals	"
20 April to 25 April	Differentiation and Integration of Laplace transforms, Convolution thm Inverse Laplace transforms, Convolution thm, Inverse Laplace transforms of	"
27 April to 02 May	Sol^n of ordinary diff^n Eq^{n}s (derivatives, Integrals) with Constant Coefficients using Laplace transforms. Definition of fourier transform, Linearity property, Shifting, Modulation	"
04 May to 05 May	Convolution Thm, fourier Transforms of Derivatives, Relations b/w Fourier transform and Laplace transform, Parseval's identity for fourier transforms. Sol^n of ordinary diff^n Eq^{n}s using Fourier Transforms	"

Reference Books:- Real Analysis [Jeevandas Publications]

Special functions & Integral transforms [Jeevandas Publications]

Dipti
Lecturer Shaky

Dipti
HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A.I.Sem-I Subject ..Algebra and Number theory Lecturer Name ..M.S.Shalu Yadav

Course objectives ..... To get knowledge of the concepts of Matrices, Linear Congruences, Divisibility and Relation b/w the roots and coefficients of an equation.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to the Subject and Syllabus discussion. Matrices (Definition & Examples)	Chalk & Board
05 Jan to 10 Jan	Symmetric, Skew-Symmetric Matrices, Hermitian + Skew Hermitian Matrices (Theorems and Examples)	〃
12 Jan to 17 Jan	Inverse of a Matrix, Theorems of Inverse and Examples. Σx - 1-1 Questions related to topic.	〃
19 Jan to 24 Jan	Rank of a Matrix, Linear Dependence and Independence of rows and columns of a Matrix with theh.	〃
27 Jan to 31 Jan	Row rank + Column rank (Examples + Σx) Eigen values and Eigen vectors, Characteristics eqn. of a Matrix, Theh and Examples.	〃
02 Feb to 07 Feb	Doubt of Unit-I. Minimal polynomial of a Matrix, Theorems and Examples, Cayley Hamilton Theh (Statement Proof/related Examples)	〃
09 Feb to 14 Feb	Test, Extra Questions of topics. Discussion of two more types of Matrix orthogonal and unitary Matrix	〃
16 Feb to 21 Feb	Theorems, Definition + Ex-Questions of orthogonal & Unitary Matrices Relation b/w these Matrices	〃

Week	Topics	Methodology
23 Feb to 28 Feb	Relation b/w roots and coefficients of general polynomial Eqn in one variable with examples. Doubt Discussion.	Chalk & Board
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Test, Soln of polynomial Eqn. having conditions on roots, Examples Eqn - Questions.	Chalk & Board
16 Mar to 21 Mar	Common roots and multiple roots (Examples) Transformation of Eqns, Nature of roots of an Eqn	4
30 Mar to 04 April	**House Test**	
06 April to 11 April	Descartes rule of signs, Examples Thm and Eqn - Questions. Doubt Discussion. Soln. of Cubic Eqn (Cardan's Method)	4
13 April to 18 April	Soln of Biquadratic Eqn (Ferrari Method & Descarte Method) Divisibility, GCD, LCM.	4
20 April to 25 April	Theorems & Examples and Exercise. More thm. on Divisibility, GCD, Prime number, Thm, Problem Discussion	4
27 April to 02 May	fundamental thm of arithmetic Examples and Questions. Linear Congruences, Fermat thm, Euler's thm Wilson Thm and its converse with their	4
04 May to 05 May	Chinese Remainder Thm (Examples) Linear Diophantine Eqn in two variable with derivation. Problem Discussion	4

Reference Books:- Elements of Algebra & Number Theory by Jeevansons Publication

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem BA IInd (IVsem) Subject Analytical Geometry and Vector calculus Lecturer Name ..M.S. Shalu Yadav

Course objectives The aim of this paper is to study the general equation of second degree, polar equation, tangent and normal to a conic, confocal conics, sphere and cone, cylinder, scalar and vector product, Directional derivatives, Vector integration.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to topics and syllabus Analytical Geometry and Vector calculus.	Chalk and Board
05 Jan to 10 Jan	General equation of second degree: classification of conic sections; centre, asymptotes, axes, eccentricity, foci and directions of conics.	Chalk and Board
12 Jan to 17 Jan	Tangent at any point to a conic, chord of contact, pole of line to a conic; director circle of a conic.	Chalk and Board
19 Jan to 24 Jan	Polar equation of a conic, tangent and normal to a conic, confocal conics.	Chalk and Board
27 Jan to 31 Jan	Revision and doubt discussion of Unit - I.	Chalk and Board
02 Feb to 07 Feb	Sphere: General form, Plane section of a sphere. Sphere through a given circle. Intersection of 2 spheres, tangent plane and line, polar plane.	Chalk and Board
09 Feb to 14 Feb	Orthogonal spheres, radical plane of 2 spheres and co-axal system of spheres. Cone: Equation of a cone.	Chalk and Board
16 Feb to 21 Feb	Cone: Right circular cone, quadric cone, enveloping cone. Tangent plane and condition of tangency. Revision.	Chalk and Board

Week	Topics	Methodology
23 Feb to 28 Feb	Cylinder: Right circular cylinder and enveloping cylinder. Central coincoids: Equation of tangent plane.	Chalk and Board
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Director sphere. Normal to the conicoids. Polar plane of a point. Enveloping cone of a conicoid.	chalk and Board
16 Mar to 21 Mar	Enveloping cylinder of a conicoid, confocal conicoid, reduction of second degree equations.	chalk and Board
30 Mar to 04 April	**House Test**	
06 April to 11 April	Scalar and vector product of three vectors, four vectors, reciprical vectors, vector differentiation and derivative along a curve.	Chalk and Board
13 April to 18 April	Directional derivatives; Gradient of a scalar point function, divergence and curl of vector point functions.	Chalk and Board
20 April to 25 April	Geometrical meanings and vector indentities. Vector integration: line integral, surface integral and volume integral.	Chalk and Board
27 April to 02 May	Vector integration: line integral. Theorem of Gauss, Green, stoke and problems based on these.	chalk and Board
04 May to 05 May	Revision of whole syllabus.	Chalk and Board

Reference Books:- Jeevansur Publications

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem .B.Sc.-I.(Sem-II) Subject Algebra and Number Theory Lecturer Name Dr. Mohini

Course objectives .To...get knowledge of the concepts of Matrices, Linear congruence, Divisibility and Relation between the roots and coefficient of an equation.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to the subject and Syllabus Discussion. Matrices (Definitions & Examples)	Chalk & Board
05 Jan to 10 Jan	Symmetric, Skew-Symmetric matrices, Hermitian & Skew Hermitian matrices (Theorems and Examples)	Chalk & Board
12 Jan to 17 Jan	Inverse of a Matrix, Theorems of Inverse and Examples. Exercise-1. questions related to topic	Chalk & Board
19 Jan to 24 Jan	Rank of a matrix, linear dependence and independence of rows and columns of a matrix with theorems and examples Row rank & column rank (Examples & S.S.)	Chalk & Board
27 Jan to 31 Jan	Eigen values and Eigen vectors, characteristics equation of a matrix, Theorems and Examples. Doubt Discussion.	Chalk & Board
02 Feb to 07 Feb	Minimal polynomial of a matrix, Theorems and examples. Cayley Hamilton Theorem & (Statement, Proof, related examples) & its use in finding the inverse of matrix	Chalk & Board
09 Feb to 14 Feb	Doubt Discussion, Test, Extra Questions of topics. Discussion of two more types of matrix orthogonal and unitary matrix	Chalk & Board
16 Feb to 21 Feb	Theorems, Definitions, Exercise questions of orthogonal & unitary matrices Relation between these matrices	Chalk & Board

Week	Topics	Methodology
23 Feb to 28 Feb	Relation between roots and coefficients of general polynomial eqn in one variable with examples. Doubt Discussion.	Chalk & Board
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Test, Solution of polynomial eqn having conditions on roots. Examples & Exercise Questions	Chalk & Board
16 Mar to 21 Mar	Common roots and multiple roots (Exercises) Transformation of Equations, Nature of roots of an eqn	Chalk & Board
30 Mar to 04 April	**House Test**	
06 April to 11 April	Descarte's rule of signs, Examples Theorems and Exercise Questions Doubt Discussion. Solution of cubic eqn (Cardon's Method)	Chalk & Board
13 April to 18 April	Solution of Biquadratic eqn (Ferrari Method & Descarte Method) Divisibility, GCD, LCM, Theorems examples and exercise.	Chalk & Board
20 April to 25 April	More theorems on Divisibility, GCD, Prime number, Theorem, Problems Discussion, Fundamental Thm of arithmetic, Examples and Questions	Chalk & Board
27 April to 02 May	Linear Congruence, Fermat Thm, Euler's Theorem, Wilson Thm and its converse with their deviation, Examples and Ex. question, Problems Discussion	Chalk & Board
04 May to 09 May	Chinese Remainder Theorem (Examples & deviations) Linear Diophantine eqn in two variables with deviation. Problem Discussion.	Chalk & Board

Reference Books:- Elements of Algebra & Number Theory by Jeevanons Publication.

Mohini
Lecturer

Dipti
HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem BSC II (IV Sem) Subject Analytical Geometry and Vector calculus Lecturer Name .. Dr. Mohini

Course objectives The aim of this paper is to study the general equation of second degree, polar equation, tangent and normal to a conic, confocal conics, sphere and cone, cylinder, Scalar and vector product, Directional derivatives, Vector integration.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to topics and syllabus Analytical Geometry and Vector calculus.	Chalk and Board
05 Jan to 10 Jan	General equation of second degree: classification of conic sections; centre, asymptotes, axes, eccentricity; foci and directions of conics.	Chalk and Board
12 Jan to 17 Jan	Tangent at any point to a conic, chord of contact, pole of line to a conic; director circle of a conic	Chalk and Board
19 Jan to 24 Jan	Polar equation of a conic, tangent and normal to a conic, confocal conics.	Chalk and Board
27 Jan to 31 Jan	Revision and doubt discussion of Unit - I.	Chalk and Board
02 Feb to 07 Feb	Sphere: General form, Plane section of a sphere. Sphere through a given circle. Intersection of 2 spheres, tangent plane and line, polar plane.	Chalk and Board
09 Feb to 14 Feb	Orthogonal spheres, radical plane of 2 spheres and co-axal system of spheres. Cone: Equation of a cone.	Chalk and Board
16 Feb to 21 Feb	Cone: Right circular cone, quadric cone, enveloping cone. Tangent plane and condition of tangency. Revision.	Chalk and Board

Week	Topics	Methodology
23 Feb to 28 Feb	Cylinder: Right circular cylinder and enveloping cylinder central conicoids: Equation of tangent plane.	Chalk and Board
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Director sphere. Normal to the conicoids. Polar plane of a point. Enveloping cone of a conicoid.	Chalk and Board
16 Mar to 21 Mar	Enveloping cylinder of a conicoid, confocal conicoid, reduction of second degree equations.	Chalk and Board
30 Mar to 04 April	**House Test**	
06 April to 11 April	Scalar and vector product of three vectors, four vectors, reciprocal vectors, vector differentiation and derivative along a curve.	Chalk and Board
13 April to 18 April	Directional derivatives; Gradient of a scalar point function, divergence and curl of vector point functions.	Chalk and Board
20 April to 25 April	Geometrical meanings and vector indentities. Vector integration: line integral, surface integral and volume integral.	Chalk and Board
27 April to 02 May	Vector integration: line integral. Theorem of Gauss, Green, Stoke and problems based on these.	Chalk and Board
04 May to 05 May	Revision of whole syllabus.	Chalk and Board

Reference Books:-

Mohini

Lecturer

Dipti

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem BA-I, 2Sem Subject History Lecturer Name Babita Chaudhary

Course objectives The main historical developments of Delhi Sultanate, Mughal Empire, Regional Powers in 18th Century, Suri and his Administration, Vijayanagar Empires and the growth of Bhakti and Sufi movements in medieval India.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction of Delhi Sultanate. • Qutub-ud-Aibak and his achievements. • Altutmish and Razia Begum 1236-1240 A.D	lecture method
05 Jan to 10 Jan	• Balban and his Achievements. Balban's 'Iron and Blood' Policy. • Alauddin Khilji 1296-1316 A.D, Mongol Policy of Alauddin. Reforms of Alauddin Khilji. • Muhammad-bin Tughlaq and his Schemes.	"
12 Jan to 17 Jan	• Firoz Shah Tughlaq 1351-88 A.D his Administration & Foreign. • Syed Dynasty 1414-1450 A.D • Disintegration of Sultanate.	"
19 Jan to 24 Jan	• Nature of the Delhi Sultanate, Administration System, Iqutadari System. • Expansion of the Vijayanagar Kingdom and Polity Causes of Decline of Vijaynagar. • The Bahmani Kingdom and Polity.	"
27 Jan to 31 Jan	• The Bhakti Movement. Causes of the Origin and main features, Effects of Bhakti movement. • The Sufi Movement, Development and Sufi main Sects. • Introduction - Establishment of Mughal Rule.	"
02 Feb to 07 Feb	• Foundation of Mughal Rule in India by Babur. First Battle of Panipat. • Causes of the Defeat of the Rajputs. • Humayun and his Campaigns. • Class test	"
09 Feb to 14 Feb	• Achievements, Administration and Reforms of Sher Shah Suri. • Territorial Consolidation and Expansion under Akbar. • Territorial Expansion under Jahangir and Shahjahan.	"
16 Feb to 21 Feb	• Rajput Policy of Akbar. • Territorial Consolidation and Expansion under Aurangzeb, Rajput Policy of Aurangzeb. • Deccan Policy of Akbar and Aurangzeb. • Mughal and Maratha Relation	"

Week	Topics	Methodology
Feb	• Zamindari • Land Revenue Administration under Mughals. Class Test	
01 Mar to 08 Mar	**Holi Break**	"
09 Mar to 14 Mar	• Salient features of Mughal Agricultural system. Industry, Trade and Commerce. • Society under Mughals – Social Classes and States of women	"
16 Mar to 21 Mar	• Decline of Mughal Empire, Later Mughal Emperors, Causes of Downfall of Mughal Empire. • Responsibility of Aurangzeb downfall of Mughal Empire.	"
30 Mar to 04 April	**House Test**	
06 April to 11	• Emergence of Regional Powers – Bengal, [illegible] • European Powers in India and wars of Carnatic.	"
13 April to 18 April	• Rivalry between Anglo-French • First Carnatic war, Second and third war • Conquest of East India Company over Bengal. Battle of Plassey.	"
20 April to 25 April	Short Answer Type questions. Lesson - 1 to 15	"
27 April to 02 May	• Map → Extent of Alauddin Khilji's Empire. • 2. → Political Conditions of India in 1526. • 3 → Extent of Mughal Empire at the Death of Akbar (1605).	"
04 May to 05 May	• 4 → Extent of Mughal Empire at the Death of Aurangzeb 1707. Viva and Revision	"

Reference Books:- • History of Medieval India by Dr. Yashvir Singh, Rajguru.
• History of Medieval India by Dr. Satish Chandra

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A II SEM [IV] Subject History of Ancient. Lecturer Name .. Archana Maurya

Course objectives .. The course objective is understand Different civilization of world including India.

Week	Topics	Methodology
01 Jan - 3 Jan	Discuss of syllabus concept of History and scope of History	Lecture method
05 Jan to 10 Jan	Introduction of Palaeolithic Age, mesolithic Age and Neolithic Age.	"
12 Jan to 17 Jan	To Explain salient features of Neolithic culture in India.	"
19 Jan to 24 Jan	Discuss of the Harappan civilization origine, founder and main sites.	"
27 Jan to 31 Jan	Class test Unit - I Discuss of sumerian civilization Discovery, origine and Home.	"
02 Feb to 07 Feb	To Explain salient features of sumerian civilization.	"
09 Feb to 14 Feb	Discuss of Egyptian civilization and sources of History.	"
16 Feb to 21 Feb	To Explain salient features of Egyptian civilization and Administrative system.	"

Week	Topics	Methodology
23 Feb to 28	Discuss of social, Economy Religious and cultures of Egypt.	"
01 Mar to 08	**Holi Break**	
09 Mar to 14 Mar	To Explain chinese civilization. Shang Dynasty, chou dynasty and Economy.	"
16 Mar to 21 Mar	Class - test unit- 2 Introduction of Greece Age and Administrative system.	"
30 Mar to 04 April	**House Test**	
06 April to 11 April	To Explain social Economy system Greece Age. Reform of solan and calashanse.	"
13 April to 18 April	Discuss of Services of Roman Hiptory, Political and Administrative system in monarchy Age.	"
20 April to 25 April	Introduction of Vedic civilization vedic Literature, society polity and Mygalithic cultures in India.	"
27 April to 02 May	Class - test unit- III map work unit iv Revision	"
04 May to 05 May	Revision whole syllabus. Problem solving session viva	"

Reference Books:- Prachin Bharat ka Itihas Tatha Sanskriti — K.C. Shrivastav

Ancient world civilization — P.K. Pradhan

Ashok Maurya
Lecturer

HOD

2025-26

AdarshMahilaMahavidyalaya, Bhiwani Even Sem

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A-2nd sem Subject Social psychology Lecturer Name Ms. Nidhi Sharma

Course objectives 1) To demonstrate an understanding of the fundamental concepts of social behr. 2) To demonstrate understanding of socialization process, person perception & attitudes. 3) To understand the concepts of leadership. 4) To understand different types of test related to social phenom

Week	Topics	Methodology
01 Jan-3Jan	Introduction of Social Psychology	lecture method
05Jan to 10Jan	Meaning, History & Scope of social psychology	Chalk & board
12 Jan to 17 Jan	Relationship of social psychology with Anthropology & Sociology	lecture method, chalk & board
19 Jan to 24 Jan	Determinants of social behaviour, Observation, sociometry & survey	lecture method, chalk & board
27 Jan to 31 Jan	Socialization : Nature & Meaning, Doubt clearing session	classroom discussion, lecture method
02 Feb to 07 Feb	Agencies & Factors affecting socialization	chalk & board
09 Feb to 14 Feb	Person perception : Nature & Determinants. - Revision of unit-I	Chalk & board, lecture method
16 Feb to 21 Feb	Nature & Meaning of Attitude & its formation	chalk & board, lecture method.

Week	Topics	Methodology
23 Feb to 28 Feb	Formation, change and resistance to change	chalk & Board
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Interpersonal Attraction: Nature & determinants. Prosocial behaviour- Meaning, stages & determinants	Lecture method, chalk & board,
16 Mar to 21 Mar	Aggression: Nature, causes & control. Group behaviour: Meaning, Formation - Revision of unit-II	Discussion method, Lecture method
30 Mar to 04 April	**House Test**	
06 April to 11 April	Group Behaviour: Types & functions of group. - Revision of unit-III	chalk & Board
13 April to 18 April	Leadership: Nature, characteristics Doubt clearing session	chalk & Board, Discussion Method
20 April to 25 April	Collective Behaviour: Crowd & Mob, Revision of unit-IV	lecture method
27 April to 02 May	Revision of unit - 1,2,3,4 & Doubt clearing session	classroom discussion
04 May to 05 May	Oral Test & Doubt clearing session	Oral Test, discussion method

Reference Books:- 1) Ciccarelli, S.K. Meyer, G.E & Mishra
2) Samaj Manovigyan, A.K. Singh

Lecturer Nidhi
Ms. Nidhi Sharma

HOD

AdarshMahilaMahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A. II/4th Sem. Subject Developmental Psychology Lecturer Name .Ms. Neha

Course objectives 1. To develop understanding regarding different perspectives of human development.
2. Grasp understanding of beginning of human life and birth processes.
3. Gain knowledge regarding nature of development across life span.
4. To understand the transitional processes during adolescence & old age.

Week	Topics	Methodology
01 Jan-3Jan	→Introduction to human development and its concept.	Discussion Method
05Jan to 10Jan	→Principles and the determinants of human development. →Psychodynamic perspective of development.	Chalk & Board Writing Method
12 Jan to 17 Jan	→Behavioral Perspective & Contextual Perspective of human development.	lecture Method
19 Jan to 24 Jan	→Doubt clearing session. and class test of unit-1.	Discussion Method.
27 Jan to 31 Jan	→Earliest development – Basics of Genetics.	Chalk & Board Writing Method
02 Feb to 07 Feb	→Transmission of Genetic Information.	Chalk & Board Writing Method
09 Feb to 14 Feb	→Prenatal development - Fertilization, stages & threats to development.	Chalk & Board Writing method
16 Feb to 21 Feb	→Doubt clearing session. Class test of unit-2.	Discussion Method

Week	Topics	Methodology
23 Feb to 28 Feb	→Physical and Cognitive development in infancy and childhood.	Lecture Method
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	→Social development in infancy and childhood. →Physical maturation at adolescence.	lecture Method
16 Mar to 21 Mar	→Sexual maturation and crisis in adolescence. →Doubt clearing session.	lecture Method + Discussion Method.
30 Mar to 04 April	**House Test**	
06 April to 11 April	→Concept of Ageing. →Biological factors of Ageing.	Chalk & Board Writing Method
13 April to 18 April	→Psychological and Socio-cultural factors of Ageing.	Lecture Method
20 April to 25 April	→Doubt clearing session Class test of unit – 3 & 4.	Discussion Method
27 April to 02 May	→Revision Classes. →Class Tests.	Discussion Method
04 May to 05 May	→Revision and Doubt clearing session.	Discussion Method.

Reference Books:- 1. Psychology (7th Ed.) By Cicarelli.
2. Child development (9th Ed.) By Berk.
3. General Psychology By Arun Kumar Singh (in Hindi).

Lecturer Neha

HOD Neha

AdarshMahilaMahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A :- 6th Sem Subject Counselling Psychology ..Lecturer Name .Ms:. Shweta Lamba

Course objectives 1:). To.. explain.. the meaning, goals, and process of counselling.
2:) To Understand different approaches to counselling.
3:) Demonstrate knowledge of various counselling, including Play, Art.
4:) Applying counselling strategies in specific contexts.

Week	Topics	Methodology
01 Jan-3Jan	• Introduction to Counselling. Basic Concept of Counselling Psychology.	Chalk & Board Method.
05Jan to 10Jan	• Meaning of counselling. and Goals.	Chalk & Board Method.
12 Jan to 17 Jan	• Understanding the counselling Process and relationship.	• lecture method.
19 Jan to 24 Jan	• Thorrow revision of the Unit - 1.	• Chalk & Board Method.
27 Jan to 31 Jan	• Effectiveness, counselling in the Indian content.	• Lecture Method.
02 Feb to 07 Feb	• An overview of approaches to counselling.	• Chalk & Board Method.
09 Feb to 14 Feb	• Psychodynamic approach. in depth.	• chalk & Board Method.
16 Feb to 21 Feb	• Person - centred approach in depth.	• Lecture method

Week	Topics	Methodology
23 Feb to 28 Feb	Cognitive & Behavioural approach.	Chalk & Board Method
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Test of Unit - 01 & 02. • Introduction of Unit - 3.	Chalk & Board Method.
16 Mar to 21 Mar	• Techniques - Play, Art and Drama.	Lecture Method.
30 Mar to 04 April	**House Test**	
06 April to 11 April	• Techniques Dance, Yoga and Meditation.	Chalk & Board Method
13 April to 18 April	• Family Counselling & its Application.	Chalk & Board Method
20 April to 25 April	• Applications school, and Career Counselling.	Lecture Method.
27 April to 02 May	• Applications :- Personal Counselling. • Revision of Unit - 3 & 4.	Chalk & Board Method
04 May to 05 May	• Revision of all Units. • Class test.	Chalk & Board Method.

Reference Books:- 1.) Ciccarelli, S.K Meyer, G.E & Mishra
2.) Paramarsh Manovigyan, A.K Singh.

Shweta
Lecturer.

HOD

AdarshMahilaMahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem V.A.C. II nd Semester Subject Emotional Intelligence Lecturer Name . Ms. Nicha, Ms. Shweta, Ms. Nidhi .

Course objectives 1.) To Get insight about E.I.
2.) To discover personal competence & Techniques.
3.) To Gain knowledge about social awareness & Relationship management.
4.) To Gain insight into measurement.

Week	Topics	Methodology
01 Jan-3Jan	• Introduction to Emotional intelligence.	• Discussion Method.
05Jan to 10Jan	• Nature and significance of Emotional intelligence	• Lecture Method
12 Jan to 17 Jan	• Models of E.I - Ability Model.	• Chalk & Board Method.
19 Jan to 24 Jan	• Model Of E.I - Trait & Mixed model.	• Chalk & Board Method.
27 Jan to 31 Jan	• Qualities of E.I - Personal competence.	• Lecture Method.
02 Feb to 07 Feb	• Revision and Doubt Clearing Session.	• Chalk & Board.
09 Feb to 14 Feb	• Self Awareness - observing one's own feelings.	• Lecture Method.
16 Feb to 21 Feb	• Knowing one's Strength and areas of Development.	• Chalk & Board Method.

Week	Topics	Methodology
23 Feb to 28 Feb	Use of E·I - Relationship Management.	• Lecture method.
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	• Effective Communication - Connecting with others.	• Chalk & Board.
16 Mar to 21 Mar	• Collaboration and Team work.	• Chalk & Board. • Lecture Method
30 Mar to 04 April	**House Test**	
06 April to 11 April	• Understanding Conflict Management.	• Lecture Method.
13 April to 18 April	• Strategies to Develop Emotional Intelligence	• Chalk & Board.
20 April to 25 April	• How to enhance emotional intelligence.	• Lecture Method.
27 April to 02 May	• Revision & Doubt clearing of all Units.	• Discussion Method.
04 May to 05 May	• Class Tests and Doubt Clearing.	• Oral & Written Test & Discussion

Reference Books:- 1) Emotional Intelligence, Coleman·D. (2005)

Shweta
Lecturer

Neha
HOD

AdarshMahilaMahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem M.D.C-2nd Sem Subject Understanding abnormal behavior Lecturer Name Ms. Neha / Ms. Shweta

Course objectives .....
1) To acquaint with the abnormal beh^r and its criteria 2) To understand models of abnormality 3) To gain knowledge about anxiety based disorders 4) To understand the concept of psychotherapies

Week	Topics	Methodology
01 Jan-3Jan	Introduction of Abnormal behaviour.	Lecture Method
05Jan to 10Jan	Abnormal Behaviour: Meaning & Criteria	Chalk & Board
12 Jan to 17 Jan	Characteristics and Causes of abnormal behaviour.	lecture Method
19 Jan to 24 Jan	Revision & Test of unit-01	Oral 01/A
27 Jan to 31 Jan	Biological Model of Abnormality	lecture method, chalk & board
02 Feb to 07 Feb	Psychological Model of Abnormality	lecture Method
09 Feb to 14 Feb	Socio-cultural Model of Abnormality	lecture Method
16 Feb to 21 Feb	Revision & Test of unit-02	Oral 01/A.

Week	Topics	Methodology
23 Feb to 28 Feb	Anxiety Based Disorders & their classification	Chalk & Board, lecture Method
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Obsessive Compulsive disorder & Phobia.	lecture Method
16 Mar to 21 Mar	Panic and Attack: Etiology and Management.	lecture method, Chalk & Board
30 Mar to 04 April	**House Test**	
06 April to 11 April	Psychotherapies: Psychoanalysis & Doubt clearing.	lecture Method, Chalk & board
13 April to 18 April	Behaviour Therapy and cognitive Behaviour Therapy	lecture Method
20 April to 25 April	Revision and Test of unit-03.	Discussion, Oral Q/A
27 April to 02 May	Revision and Test of unit-04	Discussion Method, Test
04 May to 05 May	Revision of all 04 units & doubt clearing class.	Discussion Method

Reference Books:- 1) Ciccarelli, S.K & Meyer
2) Asamanya Manovigyan - A.K. Singh

Lecturer
Nidhi

Neha
HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem .B.A. III rd year 6th Sem Subject Management Information System Lecturer Name Ms. Ritu

Course objectives .The objective of the course is to describe the role of information technology and decision support system in business and recent the current issues

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to System and Basic System Concepts, Types of System The System Approach, Information System Definition & Characteristics	Lecture
05 Jan to 10 Jan	Types of Information, Role of Information in Decision Making Sub Systems of an Information System EDP and MIS Management Levels,	Lecture
12 Jan to 17 Jan	EDP / MIS / DSS Revision Unit I	Revision
19 Jan to 24 Jan	An Overview of Management Information System, Definition & Characteristics Components of MIS, Frame work for Understanding MIS - Information Requirement	Lecture
27 Jan to 31 Jan	Levels of Management, Simon's Model of Decision Making Structured Vs Un-structured Decision	Lecture
02 Feb to 07 Feb	Formal Vs Informal Systems	Lecture
09 Feb to 14 Feb	Revision Unit II	Revision
16 Feb to 21 Feb	Developing Information System Analysis & Design of Information System Implementation & Evaluation	Lecture

Week	Topics	Methodology
23 Feb to 28 Feb	Pitfalls in MIS Development	Lecture
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Functional MIS, A study of Personnel, Financial and production MIS, Introduction to E business system	Lecture
16 Mar to 21 Mar	E-Commerce Technologies Application Decision Support Systems - Support System for Planning, Control &	Lecture
30 Mar to 04 April	**House Test**	
06 April to 11 April	Control & Decision Making Revision Unit-III	Lecture
13 April to 18 April	Functional MIS: A study of Personnel, Financial and production MIS Introduction to E business system	Lecture
20 April to 25 April	E-Commerce Technologies, Application Decision Support Systems - Support System for Planning	Lecture
27 April to 02 May	Control and Decision Making	Lecture
04 May to 05 May	Revision Unit - IV	Revision

Reference Books:- 1. Management Information systems

Rekha
Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem M.Com Sem II Subject International Business: Theory and Practice Lecturer Name ... Ms. Vaishali

Course objectives Identify and describe the importance, Nature and Scope of international business, along with the major factors, theories, B.O.P, Regional integration and foreign exchange mechanism.

Week	Topics	Methodology
01 Jan - 3 Jan	International Business: significance, characteristics and scope, complexities and challenges, factors influencing international business.	Lecture
05 Jan to 10 Jan	Social and cultural dynamics, economic policies, political environment, legal frameworks and technological advancements.	〃
12 Jan to 17 Jan	Globalization key features, components, drivers and critical evaluation of its advantages and disadvantages.	〃
19 Jan to 24 Jan	Role of Information Technology in international business, India's role and participants in global trade.	〃
27 Jan to 31 Jan	Theories and modes of International Trade and Market Entry: Classical and contemporary trade theories, Various modes of entering in Market	〃
02 Feb to 07 Feb	Strategic considerations and risk factors in selecting entry modes in diverse markets.	〃
09 Feb to 14 Feb	export-import procedures and documentation, Multi-national Corporation and Trade environment	〃
16 Feb to 21 Feb	Role and strategies of Multinational Corporations, Issues related to investment	〃

Week	Topics	Methodology
23 Feb to 28 Feb	Technology transfer, pricing strategies, CSR and regulatory compliance, International Collaboration Mergers and acquisition.	Lecture
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Strategic alliances in a dynamic global market, Tariff and non-tariff barriers and optimal tariff concepts.	"
16 Mar to 21 Mar	BoP and foreign exchange market, determinants, exchange rate, regimes, Currency fluctuations and hedging techniques.	
30 Mar to 04 April	**House Test**	
06 April to 11 April	Global Economic Institutions, and Regional Integration, objective, importance, and their role in promoting trade.	"
13 April to 18 April	Role and functions of WTO, IMF, World Bank, UNCTAD and emerging bodies, AIIB, GSTP BRICS, ASEAN.	"
20 April to 25 April	Sustainable development goals and international business, Regional economic integration.	"
27 April to 02 May	Theories of Custom unions and free trade areas. Revision.	"
04 May to 05 May	Revision.	"

Reference Books:-

Lecturer Vaishali

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem M.Com. Isem/IIIsem Subject ..I.K.S..... Lecturer Name Dr. Jyoti Sharma

Course objectives understand the foundational principles of (IKS) and its Relevance in Commerce.
To encourage critical thinking on integrating (IKS) with Modern business Practices.

Week	Topics	Methodology
01 Jan - 3 Jan	overview of IKS; Indian knowledge System (IKS); IKS in Commerce - Introduction.	Lecture Method
05 Jan to 10 Jan	Historical overview of Commerce Practices in Ancient India	Lecture Method
12 Jan to 17 Jan	Ethics and Morality in Business according to Indian Philosophical Traditions.	Lecture + Discussion
19 Jan to 24 Jan	Indian Texts related to Commerce (Arthashastra, Manusmriti - basic ideas) Relevance of Ancient Economic thoughts.	Lecture + Discussion
27 Jan to 31 Jan	Ethics and Morality in business as per Indian philosophical traditions Concept of Dharma, karma and Nyaya in business	Lecture
02 Feb to 07 Feb	Importance of Ethics in Modern Commerce. Case discussion on ethical vs Unethical business Practices.	Lecture
09 Feb to 14 Feb	Integrating Traditional Indian wisdom with Modern business environment, Value - based M.g.t	Lecture
16 Feb to 21 Feb	Application of IKS Principles in Contemporary business practices	Lecture

Week	Topics	Methodology
23 Feb to 28 Feb	Integrating traditional Indian wisdom with Modern Business Environment Value - based M.g.t	Lecture
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Revision of Unit I Class test / Quiz / Presentation (Internal Assessment)	Lecture
16 Mar to 21 Mar	Introduction to Modern Commerce & IKS Integration. Role of IKS in Sustainable business Development	Lecture
30 Mar to 04 April	**House Test**	
06 April to 11 April	Case Studies based on IKS application in Modern organizations. • Group discussion	Lecture
13 April to 18 April	• Concept of Yoga and mindfulness • Importance of Yoga in Professional and Managerial life.	Lecture
20 April to 25 April	Yogic Practices for Stress Management. Stress reduction & Techniques for Productivity enhancement.	Lecture
27 April to 02 May	Role of Spirituality in Leadership and entrepreneurship & Indian Leadership Models.	Lecture
04 May to 05 May	challenges in Implementing IKS in Modern Commerce. Final Revision of Unit II	Lecture

Reference Books:-

Preeti Sharma
Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem M.Com I (IInd Sem) Subject Research Methodology Lecturer Name Dr. Preeti Sharma

Course objectives To understand the Concept, significance & types of Research
To Develop skill for research problem formulation & hypothesis Testing.

Week	Topics	Methodology
01 Jan - 3 Jan	Research: Concept, Significance & types (Applied, Conceptual, Analytical, Empirical, Experimental, casual)	Lecture
05 Jan to 10 Jan	Approaches to Research; Research problem - Concept & selection	lecture with Example
12 Jan to 17 Jan	formulation of Research Problem; framing of hypothesis	Blackboard Teaching
19 Jan to 24 Jan	Research Proces: Criteria of Crowd Research	Lecture Method
27 Jan to 31 Jan	Research Design - Concept, Need, features and Types (Exploratory, descriptive, Experimental)	Lecture
02 Feb to 07 Feb	Sampling Design - Concept, need, Types: Census vs sample Study	Lecture
09 Feb to 14 Feb	Sampling Techniques - Probability & Non- Probability Methods	Numerical illustrations
16 Feb to 21 Feb	sample size, Sample frame; Measurement & Scaling Techniques	Practical Explanation

Week	Topics	Methodology
23 Feb to 28 Feb	Sources of Data - Primary & Secondary; Methods of Primary Data Collection	Lecture + Discussion
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Secondary Data Collection; Data Processing- Editing, Coding, Classification, Tabulation	Lecture + examples
16 Mar to 21 Mar	Statistical tools - T- test, chi - Square, Correlation. Regression Anova	Numerical Problems
30 Mar to 04 April	**House Test**	
06 April to 11 April	SPSS - Introductory overview; Testing of Hypothesis	Lecture
13 April to 18 April	Interpretation & Report writing - Meaning, Steps, types & Layout of Research Report	Lecture
20 April to 25 April	Digital Research tools, online & Social Media based Surveys	Lecture + Discussion
27 April to 02 May	Plagiarism Detection Software - Turnitin, Urkund, iThenticate, Grammarly	Lecture
04 May to 05 May	Reference vs bibliography, Referencing Styles in Social Science. Revision.	Interaction & Doubt Clearing

Reference Books:- C. R. Kothari

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Com III (6th Semester) Subject Sales Force Management Lecturer Name Dr. Ashima Yadav

Course objectives . Understand and describe the sales strategies and Marketing Planning

Week	Topics	Methodology
01 Jan - 3 Jan	Development and Role of selling in Marketing : Background	Lecture
05 Jan to 10 Jan	Types of Selling The marketing Concept	4
12 Jan to 17 Jan	Relationship between Sales and marketing.	1
19 Jan to 24 Jan	Sales Strategies: Sales and Marketing planning.	4
27 Jan to 31 Jan	The Planning Process Establishing Marketing Plans.	4
02 Feb to 07 Feb	The place of Selling in the Marketing Plan	4
09 Feb to 14 Feb	Revision of Ist & IInd Unit	4
16 Feb to 21 Feb	Consumer and Organizational Buyer Behaviour : Difference between Consumer and organizational buying	4

Week	Topics	Methodology
23 Feb to 28 Feb	Consumer Buying Behaviour Factor Affecting Consumer Decision making Process.	Lecture
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Factors Affecting Organisational Buyer Behaviour.	4
16 Mar to 21 Mar	Revision of IIIrd Unit with Presentations	1
30 Mar to 04 April	**House Test**	
06 April to 11 April	Sales techniques : Personal Selling.	4
13 April to 18 April	Relationship Selling. Direct Marketing	4
20 April to 25 April	Internet and IT Application in Sales Force Management	4
27 April to 02 May	Assignment & Presentation of Unit IV	4
04 May to 05 May	Revision Overall Sylbus	4

Reference Books:-

Ashima

DR. ASHIMA YADAV
Lecturer

Neeru

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Com 3rd year (6th Sem) Subject .... GST..... Lecturer Name Dr. Preeti Sharma

Course objectives To understand the concept, structure and need of GST in India. To develop practical understanding of GST registration, levy, collection and assessment.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to GST : Meaning, objectives, Need for GST	Lecture Method, Discussion
05 Jan to 10 Jan	Salient features of GST	Lecture + Examples
12 Jan to 17 Jan	GST Rates & Rationale of GST chart Explanation.	Lecture
19 Jan to 24 Jan	Structure of GST: CGST, SGST, UTGST & IGST	Blackboard Teaching
27 Jan to 31 Jan	GST Registration: Meaning & Need	Lecture
02 Feb to 07 Feb	Compulsory & Deemed Registration	Lecture with Examples
09 Feb to 14 Feb	Casual & Non-Resident Taxable person	Lecture Method
16 Feb to 21 Feb	E-Commerce under GST, E-Way Bill	Lecture Method

Week	Topics	Methodology
23 Feb to 28 Feb	offences & penalties, Exempted Goods & services	Lecture
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Levy & Collection of GST : Concept	Lecture Method
16 Mar to 21 Mar	Place of supply : Intra-State & Inter-State	Lecture
30 Mar to 04 April	**House Test**	
06 April to 11 April	Place of supply : Import & Export	Lecture
13 April to 18 April	valuation under GST & Rules of valuation	Numerical Problems
20 April to 25 April	Assessment procedures & Calculation of GST	Practical Problems
27 April to 02 May	Payment of GST & Refund Procedure	Lecture Method
04 May to 05 May	Revision & Doubt clearing session.	Interaction & Discussion

Reference Books:- VK Publications - GST

Jyoti Sharma
Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Com 2nd. (IV Sem) Subject Cyber crime & Laws Lecturer Name Preeti Sharma

Course objectives understand and describe the major types of cybercrime.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to cyber world Meaning of cyber crime cyber Law vs cyber security	Lecture
05 Jan to 10 Jan	• Types of cyber threats • Hacking, phishing • Identity theft, Data Breach	"
12 Jan to 17 Jan	• Cyber Bullying & cyber stalking • Online fraud • Social Engineering	"
19 Jan to 24 Jan	• virtual Currency & Related Crimes • Case studies + class discussion • Unit Test / Revision.	"
27 Jan to 31 Jan	• IT Act, 2000 : objectives & Scope • Cyber Jurisdiction • E- Business Concepts	"
02 Feb to 07 Feb	• Electronic Governance • Domain Name Disputes & Resolution • Business security Issues.	"
09 Feb to 14 Feb	• Cyber Space Issues: • Instant Messaging • Social Networking	"
16 Feb to 21 Feb	• RBI Regulations • E-forms, E-Money • PPI	"

Week	Topics	Methodology
23 Feb to 28 Feb	• Electronic Records • Authentication & legal Recognition	Lecture
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	• Digital Signature • Meaning • Recognition • Applications & use	"
16 Mar to 21 Mar	• use of electronic Records in Govt. • Retention & Dispatch • Secure electronic Records	"
30 Mar to 04 April	**House Test**	
06 April to 11 April	• Certifying Authorities : Regulation • Controller : Appointment & functions	"
13 April to 18 April	• Licence to issue Digital Signature Certificate • Renewal, Suspension & Revocation.	"
20 April to 25 April	• Penalties & Adjudication • Appellate tribunals offences. • Overview of GDPR	"
27 April to 02 May	Test & Doubt clear session	"
04 May to 05 May	Final Revision.	"

Reference Books:-

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Com II.. sem IV Subject Business system and Resource Allocation Lecturer Name ..Ms. Vaishali

Course objectives Apply the understanding of different forms of Market structure in pricing and output determination along with analysing Market. 2. Understanding the concepts of rent, profit, interest and wage. 3. Understanding macroeconomics, foreign exchange rate.

Week	Topics	Methodology
01 Jan - 3 Jan	Monopolistic Competition: Meaning and Characteristics. Price and output determination.	Lecture
05 Jan to 10 Jan	Product differentiation, selling cost, Comparison with perfect competition.	〃
12 Jan to 17 Jan	Oligopoly: features and price rigidity Model.	〃
19 Jan to 24 Jan	duopoly Model and price leadership.	〃
27 Jan to 31 Jan	Revision and Test.	〃
02 Feb to 07 Feb	Concept, Nature and Scope of Macro economics. Circular flow of Income	〃
09 Feb to 14 Feb	Concepts of National Income.	〃
16 Feb to 21 Feb	Economic growth, business Cycle and Inflation.	〃

Week	Topics	Methodology
23 Feb to 28 Feb	Money supply. Revision.	
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Marginal productivity theory and demand for factors; Nature of supply of factors.	
16 Mar to 21 Mar	Determination of wage rates under perfect competition and Monopoly : Exploitation of labour	
30 Mar to 04 April	**House Test**	
06 April to 11 April	Rent, Interest, Quasi Rent concept, Recardian concept and Modern Theories of rent.	
13 April to 18 April	Profit : Nature, concept and theories of profit, Break-even point analysis.	
20 April to 25 April	Foreign exchange rate, determination, Mechanism.	
27 April to 02 May	theories of BoP, fiscal policy, Monetary policy.	
04 May to 05 May	Revision	

Reference Books:-

Lecturer Vaishali

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Com I (2nd Sem) Subject Principle of Mkt. Lecturer Name Dr. Ashima Yadav

Course objectives .. Understand and describe the marketing concept and Consumer behaviour.

Week	Topics	Methodology
01 Jan - 3 Jan	Marketing: Concept, nature, scope and importance, Evolution of Marketing. Concept, importance	
05 Jan to 10 Jan	Micro environmental factor: Suppliers marketing intermediaries, customers competitors, public, Macroenvironmental factors: Demographic, economic, natural	
12 Jan to 17 Jan	Macro environmental factors: technological politico- legal and socio-cultural Revision of Previous content	
19 Jan to 24 Jan	Consumer behaviour: Concept, nature and importance, consumer buying behaviour: Process, factors influencing Consumer buying behaviour	
27 Jan to 31 Jan	Market Segmentation: Concept importance and bases. Target market selection	
02 Feb to 07 Feb	Positioning: Concept, importance and bases. Revision of IInd Unit	
09 Feb to 14 Feb	Product: Concept, importance and classification	
16 Feb to 21 Feb	Branding, Packaging and Labelling Product life cycle	

Week	Topics	Methodology
23 Feb to 28 Feb	New Product Development Pricing: Concept, significance.	Lecture
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Price determination, pricing methods Pricing policies and strategies	〃
16 Mar to 21 Mar	Promotion: Nature and importance Advertisement, Personal selling sales Promotion, Publicity	〃
30 Mar to 04 April	**House Test**	
06 April to 11 April	Factor affecting Promotion mix Decisions: Distribution: Concept, importance and types of distribution channels	〃
13 April to 18 April	Factors affecting choice of distribution channel. Retailing and wholesaling.	〃
20 April to 25 April	Overviewaf recent developments in marketing. Social marketing.	〃
27 April to 02 May	Online Marketing, Direct marketing Green marketing, Relationship marketing.	〃
04 May to 05 May	Revision	

Reference Books:-

Asha
DR. ASHIMA YADAV
Lecturer

Neeru
HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Com I (2nd Sem) Subject Financial Account II Lecturer Name Ms. Neeru Chawla, Dr. Ashima Yadav

Course objectives Prepare the financial Statement for Hire purchase & Branch and accounts statement for Partnership firms.

Week	Topics	Methodology
01 Jan - 3 Jan	Hire Purchase : Concept and Legal Provisions regarding Hire Purchase Contract.	Lecture
05 Jan to 10 Jan	Hire Purchase System - Journal Entries, Difference between Hire Purchase & Instalment payment System and Credit Sale	Lecture
12 Jan to 17 Jan	Illustrations Regarding Hire Purchase System. accounting records for goods of substantial sale value	Lecture with Illustration
19 Jan to 24 Jan	Branch Account : dependent branch Related Illustration	Lecture with Illustration
27 Jan to 31 Jan	Debtor's System , stock and Debtor system. related Illustration	Lecture with Illustration
02 Feb to 07 Feb	Final A/c : wholesale branch with Illustration	Lecture
09 Feb to 14 Feb	Foreign Branch & also remaining Illustration	Lecture
16 Feb to 21 Feb	Departmental accounting related illustration	Lecture with Illustrations

Week	Topics	Methodology
23 Feb to 28 Feb	Partnership Accounts : Final accounts ajustment after closing the accounts. related Illustration	Lecture with illustrations
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Joint life Policy ; change in Profit sharing ratio related illustration too	Lecture with illustrations
16 Mar to 21 Mar	Reconstitution of Partnership Firm : Admission of Partnership related illustrations	Lecture with illustrations
30 Mar to 04 April	**House Test**	
06 April to 11 April	Reconstitution of Partnership Firm : Retirement and death of a Partner related illustrations	Lecture with illustration
13 April to 18 April	Dissolution of Partnership : modes & Accounting treatment related Illustrations	Lecture
20 April to 25 April	Dissolution of Partnership : remaining Illustrations	Illustrations
27 April to 02 May	Insolvency Accounts: Statement of affairs and settlement of accounts.	~~Illustration~~ Lecture
04 May to 05 May	Revision	

Reference Books:-

Ashish das
Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Com I (2nd) Subject Cloud Computing Skills.. Lecturer Name Himanshi Jain

Course objectives 1. Get acquainted with the term cloud computing.
2. Understand various types of free and commercial clouds.
3. Understand the various types of cloud services like SaaS, PaaS & IaaS.
4. Know how the cloud computing is changing software industry.

Week	Topics	Methodology
01 Jan - 3 Jan	Basic concepts of cloud-computing Computer Network Basics.	Class Lecture
05 Jan to 10 Jan	Concepts of Distributed Systems, Concept of cloud computing and its Necessity.	Class Lecture
12 Jan to 17 Jan	Cloud Service Providers in use and their significance.	Class Lecture
19 Jan to 24 Jan	Cloud Infrastructure-Cloud Pros & Cons.	Class Lecture
27 Jan to 31 Jan	Cloud Delivery Models, Cloud Deployment Models.	Class Lecture
02 Feb to 07 Feb	Cloud Deployment Models (Cont.), Revision of unit-I	Class Lecture
09 Feb to 14 Feb	Test of unit-I, Revision Of unit-II.	GD, Viva & Written Test.
16 Feb to 21 Feb	Cloud Storage Management Concept of Virtualization and Load Balancing.	Class Lecture

Week	Topics	Methodology
23 Feb to 28 Feb	Overview on Virtualization used for Enterprise solutions.	Class lecture
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Key challenges in managing Information, Identifying the problems of scale..	Class Lecture
16 Mar to 21 Mar	Identifying the problems of scale and management in big data.	Class lecture
30 Mar to 04 April	**House Test**	
06 April to 11 April	Revision of unit - II; Test of unit - III.	Group Discussion & Written Test
13 April to 18 April	Building Cloud Networks Designing & Implementing a Data Center-Based Cloud Installing.	Class Lecture
20 April to 25 April	Implementing Data center - Based Cloud Installing Open Source Cloud Service. Cont AWS	Class lecture & Practical
27 April to 02 May	Google cloud Platform. Revision of unit - IV	Class lecture, Group Discussion
04 May to 05 May	Test of unit - IV, Revision of Entire Syllabus.	Group Discussion & Written Test.

Reference Books:-

Himanshi
Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem BCA 1st year 2nd sem Subject Internet and Web Technologies Lecturer Name Dr. Rekha

Course objectives Analyze a WebPage and identify its element and attributes
(2) Create XML document and schema

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to the Internet and the world wide web Pages, Hyper Text Transfer Protocol (HTTP)	Lecture
05 Jan to 10 Jan	File Transfer Protocol (FTP) Domain Name, URL, website, web browser, Web Servers, web Hosting. HTML	Lecture
12 Jan to 17 Jan	Revision Unit - I	Revision
19 Jan to 24 Jan	Introduction, objectives, Introduction to Universal Resource Locator Planning for designing web Pages	Lecture
27 Jan to 31 Jan	Model and Structure for a website Developing website, Tag Creating Links, Links to other HTML document	Lecture
02 Feb to 07 Feb	HTML document List, Tables Creating Tables, forms.	Lecture
09 Feb to 14 Feb	Revision Unit - II	Revision
16 Feb to 21 Feb	Java Script, Introduction to Scripting, Java Script Control Statements,	Lecture

Week	Topics	Methodology
23 Feb to 28 Feb	Test Unit I	Test
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Test Unit-II	Test
16 Mar to 21 Mar	Java Script Introduction to Scripting, Java Script Control Statement, Java script function	Lecture
30 Mar to 04 April	**House Test**	
06 April to 11 April	Java Script Arrays, objects CSS External Style sheets Internal Style Sheets, Inline Style	Lecture
13 April to 18 April	The class selector div & Span Tag DOM, HTML, DOM	Lecture
20 April to 25 April	XML - Introduction, Features Dynamic HTML, DHTML, Form XML, DOM.	Lecture
27 April to 02 May	Test Unit - III	Test
04 May to 05 May	Test Unit - IV	Test

Reference Books:- Rajkumar & Roy, oxford web technologies

Ritika
Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.C.A. 1st Year Subject Introduction to Web Technology Lecturer Name Ms. Deepika Gaur

Course objectives (1) To implement HTML and CSS for Web page Designing

(2) Understand the working of web servers and server engines

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to Internet and World Wide Web (www), Evolution and History of World Wide Web, Web Pages and Contents, Web URL's	Lecture
05 Jan to 10 Jan	Search Engines and Search Tools, Web Publishing - Hosting a website, Internet Service Provider, Planning and designing Website, Web Graphics Design, Steps for Developing website	Lecture
12 Jan to 17 Jan	Revision & Test (Unit I)	Revision & Test
19 Jan to 24 Jan	Creating a website and Introduction to Markup Language (HTML & DHTML), HTML Document Structure, Fundamentals, HTML elements, Creating Links	Lecture
27 Jan to 31 Jan	Creating Links - Heading Text Styles, Text Structuring, Text Colour and Background, Formatting Text, Page Layouts, Images	Lecture
02 Feb to 07 Feb	Inserting and Manipulating Images, Graphics, Table Creation and Layouts, Frame Creation and Layouts, Working with Forms and Menus, Working with Radio	Lecture
09 Feb to 14 Feb	Check Boxes, Text Boxes, HTML 5	Lecture
16 Feb to 21 Feb	Revision & Test (Unit II)	Revision & Test

Week	Topics	Methodology
23 Feb to 28 Feb	Introduction to CSS (Cascading style sheets) Features, Core syntax Type, Style sheets and HTML, Style Rule cascading and inheritance	Lecture
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Text Properties, CSS Box Model, Normal Flow Box Layout, Positioning and other Useful Style Properties, Features of CSS3.	Lecture
16 Mar to 21 Mar	The Nature of JavaScript: Evolution of Scripting Language JavaScript - Definition	Lecture
30 Mar to 04 April	**House Test**	
06 April to 11 April	Programming, Enhancing HTML Document with JavaScript Static and Dynamic web pages.	Lecture
13 April to 18 April	Revision Unit - III	Revision
20 April to 25 April	Revision Unit IV	Revision
27 April to 02 May	Test Unit I & Unit II	Test
04 May to 05 May	Test Unit III & UNIT IV	Test

Reference Books:- Raj Kamal, Internet and web Technologies, Tata Mc Graw - Hill

Lecturer - Dr. Deepa Gaur

HOD Deepa Gaur

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.C.A. IInd 6th Sem Subject Programming with Python Lecturer Name Dr. Rekha

Course objectives .After the Completion of the course, The Student will be able to design software easily right out of the Box, Experience with OS Interpreted Language & Object oriented Software Development in Python.

Week	Topics	Methodology
01 Jan - 3 Jan	Python Introduction - Keywords and Identifiers, Comments Purpose / Use of Comments, Single Line Comment, multiline Comments, Variables, Declaration of Variables	Lecture
05 Jan to 10 Jan	Assign Values to Variables, Initialization, Reassign Variables, naming Restrictions and Types of Python Variables	Lecture
12 Jan to 17 Jan	Python Data Type - Implicit Declaration of Data Type, Numbers (Integer, Float, Point Number) and Complex Numbers), Python String	Lecture
19 Jan to 24 Jan	Python Boolean Data Type Revision Unit-I	Lecture & Revision
27 Jan to 31 Jan	Operators:- Arithmetic Expressions/ Relational operators, Increment operators, Logical Identity operators and Operator Precedence	Lecture
02 Feb to 07 Feb	Python Lists:- Create Python List, Update Python Lists, Delete Element from Python Lists, Built in Function, Method for Python Lists.	Lecture
09 Feb to 14 Feb	Python Control Flow Statement - Decision Making Simple if Structure, If else Structure, If elif else structure and nested if Structure	Lecture
16 Feb to 21 Feb	Looping:- Python Loop Statement, while loop, for loop, Python Range() Nested Loop Structure and Inserting Condition in Loops and vice versa.	Lecture

Week	Topics	Methodology
23 Feb to 28 Feb	Python Branching Statements Break Continue Pass Revision Unit III	Lecture & Revision
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Tuples - Create, Update, Join and Methods - Set, Create, add/remove items, Join Sets, Set Methods	Lecture
16 Mar to 21 Mar	Revision Unit - III	Revision
30 Mar to 04 April	**House Test**	
06 April to 11 April	Functions - Defining Functions, calling Functions, Passing Arguments, Keyword Arguments, Default, Arbitrary Args Arguments	Lecture
13 April to 18 April	Anonymous Function, Recursive function (Function Returning Values) Scope of the Variables in a Function - Global and Local Variables	Lecture
20 April to 25 April	Modules - Creating modules, Import Statement, from Import Statement, Name Spacing, Python Packages Introduction to PIP	Lecture
27 April to 02 May	Installing Package via PIP Using Python Packages	Lecture
04 May to 05 May	Revision Unit IV	Revision

Reference Books:- Allen B Downey "Think Python: How to Think Like a Computer Scientist"

Ritika
Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem .BCA I 1st year (2nd sem) Subject ..... object oriented programming using C++ Lecturer Name Ms. Suman Ahuja

Course objectives: The primary objectives of a C++ course are to teach the fundamentals of structured & to develop the skills to design and implement efficient, reusable and modular software

Week	Topics	Methodology
01 Jan - 3 Jan	Input Output in C++, unformatted and formatted I/o operations I/o using insertion and extraction operators and streams in C++	Lecture
05 Jan to 10 Jan	Functions: Declaration and Definition, actual values, arguments, passing parameters by value, call by reference, call by pointer	Lecture & Experiment (Practical)
12 Jan to 17 Jan	Recursion, Inline functions & function overloading, pointers, structure & Union in C++	Lecture
19 Jan to 24 Jan	Revision of Unit 1 object-oriented features of C++, class and objects, Data hiding & encapsulation	Revision & Test
27 Jan to 31 Jan	Abstraction, Data Members, empty class, local class, global class, Scope resolution operator & its uses	Lecture & Demonstrate (Practical)
02 Feb to 07 Feb	Static Data Members, static member function, structure vs class, friend function & friend class	Lecture & Experimental (Practical)
09 Feb to 14 Feb	Constructor & Destructor: Constructor, Instantiation of objects, Default Constructor, Parameterized Constructor	Lecture
16 Feb to 21 Feb	Copy constructor & its use, Destructor, Dynamic initialization of objects Revision	Experimental (Practical)

Week	Topics	Methodology
23 Feb to 28 Feb	Revision of Unit 2 operator overloading: Overloading unary and Binary operator, arithmetic operator	Revision & Test
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Manipulation of string using operator, Inheritance: derived class, Base class, Accessing the base class member	Lecture
16 Mar to 21 Mar	Inheritance: - Multilevel, Multiple, hierarchical, hybrid, virtual Base class, Abstract class	Experiment (Practical)
30 Mar to 04 April	**House Test**	
06 April to 11 April	Virtual functions, Pure virtual function, Polymorphism & its types	lecture
13 April to 18 April	Revision of Unit 3 Exception handling in C++, exception handling model	Revision & Test
20 April to 25 April	Doubt Session of Unit 3 Test of Unit-3	Test
27 April to 02 May	Exception handling constructs - try, throw, catch, Order of catch blocks, Catching all exceptions	lecture
04 May to 05 May	Nested try blocks, handling uncaught exceptions	Lecture & Experiment (Practical)

Reference Books:- Bjarne Stroustrup, E Balaguruswami

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem BCA(1st)/2nd Sem Subject Mathematical foundations for computer sc-II Lecturer Name Ms. Suman Ahuja

Course objectives: Mathematical foundations of computer science are to equip students with logical reasoning, discrete structures & enables students to think computationally & solve problem rigorously.

Week	Topics	Methodology
01 Jan - 3 Jan	Integration of simple algebric, trignometric & exponential function	lecture
05 Jan to 10 Jan	Presentation of data: frequency distribution, cumulative frequency distribution	lecture
12 Jan to 17 Jan	Diagramatic & Graphical presentation of data, construction of bar, Pie diagrams	lecture
19 Jan to 24 Jan	Histogram, frequency Polygon, Frequency Curves & ogives	lecture
27 Jan to 31 Jan	Revision & Test of Unit-I	
02 Feb to 07 Feb	Measures of Central Tendency: Arithmetic Mean, Median, Mode, Geometric Mean & Harmonic Mean	lecture
09 Feb to 14 Feb	Concept of dispersion, Mean deviation and its coefficient, Range, Varianta	lecture
16 Feb to 21 Feb	Variance & its coefficient, Standard deviation.	lecture

Week	Topics	Methodology
23 Feb to 28 Feb	Revision & Test of Unit 2	
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Correlation - Concept & types of correlation, Methods of finding correlation, Rank correlation	lecture
16 Mar to 21 Mar	Revise Correlation & Methods of Correlation	lecture
30 Mar to 04 April	**House Test**	
06 April to 11 April	Test of Unit 3	
13 April to 18 April	Linear regression : principle of least square, fitting of a straight line	lecture
20 April to 25 April	Two lines of regression, regression coefficients	lecture
27 April to 03 May	Revision.	
04 May to 05 May	Revision	

Reference Books:- S.C. Gupta, Pearson Education

Teacher

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.C.A 2nd Year (4th Sem) Subject Computer Graphics Lecturer Name Ms. Suman Ahuja

Course objectives: The main objective of computer graphics course is to help students understand how graphics are created in a computer world.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction History of Computer graphics, Application of Computer graphics, Components of Interactive Graphics	lecture
05 Jan to 10 Jan	Display devices: Refresh CRT, Colour CRT, Plasma Panel displays, LCD Panels, Raster scan & Random scan	lecture
12 Jan to 17 Jan	Graphics software, Input / output Devices, Tablets	lecture
19 Jan to 24 Jan	Revision of first Unit & Test	
27 Jan to 31 Jan	Output primitives: Points & lines, line drawing algorithm, DDA algorithm, Bresenham's Algorithm	lecture + Practical
02 Feb to 07 Feb	Circle drawing algorithms: Polynomial method, Bresenham's algorithm, Parametric representation of cubic curves, Bezier curves	lecture + Practical
09 Feb to 14 Feb	Revise & Test of Unit-2	
16 Feb to 21 Feb	2D transformation: use of Homogeneous Co-ordinates systems, Composite transformations: Translation	lecture

Week	Topics	Methodology
23 Feb to 28 Feb	Scaling, Rotation, Mirror Reflection Rotation about an Arbitrary point.	Lecture + Practical
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Clipping & window clipping operations Line clipping algorithms: The mid-post sub division method, cohen sutherland	Lecture + Practical
16 Mar to 21 Mar	Line clipping algorithms, Polygon clipping, Sutherland Hodgeman Algorithms, Test clipping	Lecture
30 Mar to 04 April	**House Test**	
06 April to 11 April	Revision & Test of U 3	
13 April to 18 April	3-D Graphics: 3 D object Representations, 3 D Transformations Translation, Rotation, Scaling	Lecture + Practical
20 April to 25 April	Projections, Hidden surface Removal, Back face removal, Depth Buffer Algorithm	Lecture
27 April to 02 May	Scan-Line Algorithm, Depth sort Algorithm, Shading	Lecture
04 May to 05 May	Revision & Test	

Reference Books:- Neeraman, M. Pauline Baker

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem .B.Sc. 2nd y (4th Sem) Subject .Plant Systematics and Embryology Lecturer Name .Ms. Priyanka

Course objectives .1. Students will gain knowledge about taxonomy, including rules of nomenclature & other essential aspects.
2. Students will acquire conceptual understanding of angiosperm classification system and the diversity of families within them.
3. Students will understand about flower's str. & pollination; fertilization, embryo & endosperm development.

Week	Topics	Methodology
01 Jan - 3 Jan	–	
05 Jan to 10 Jan	–	
12 Jan to 17 Jan	–	
19 Jan to 24 Jan	U-I Botanical nomenclature & major rules of ICBN; Keys to identification of plants. Role of cytotaxonomy, chemotaxonomy & numerical taxonomy.	Lecture Method
27 Jan to 31 Jan	General introduction and importance of herbaria, botanical gardens, floras; monographs and journals.	Lecture Method
02 Feb to 07 Feb	U-II Bentham and Hooker's system of classification (upto series); Diagnostic features and economic imp. of - Ranunculaceae, Brassicaceae.	Lecture method
09 Feb to 14 Feb	Diagnostic features & economic imp. of Malvaceae, Leguminaceae, Lamiaceae.	Lecture Method
16 Feb to 21 Feb	Diagnostic features & economic imp. of Solanaceae, Asteraceae, Liliaceae.	Lecture Method

Week	Topics	Methodology
23 Feb to 28 Feb	Diagnostic features & economic importance of Poaceae; structural organization of flowers; Structure & Dev. of Anther & Pollen grains. U-3	Lecture method
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Structure & types of ovules; Types of embryo sacs; Organization & ultra-structure of mature embryo sac. Types of placentation.	Lecture Method
16 Mar to 21 Mar	Pollination mechanisms & adaptations; pollen-pistil interaction; Self incompatibility, significance of self & cross-pollination.	Lecture method
30 Mar to 04 April	**House Test**	
06 April to 11 April	U-4 Fertilization & Seed Dispersal: Double fertilization, Seed structure (monocot and dicot); Endospermic & Non-Endospermic seeds; Types of fruits,	Lecture method
13 April to 18 April	Seed dispersal mechanisms; Endosperm: structure, types & functions, Dicot and Monocot embryo; Polyembryony; Seed germination, Apomixis.	Lecture Method
20 April to 25 April	Revision of Unit 1, 2.	Interaction method
27 April to 02 May	Revision of Unit 3, 4.	Interaction method
04 May to 05 May	Doubt session of the whole Syllabus; Previous Year Questions discussion.	Interaction method

Reference Books:- Pradeep's Plant Physiology
JBD (Plant Diversity) New concepts in Botany

Priyanka
Lecturer Ms. Priyanka

Manish
HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Sc III (VI) Subject Botany.. Lecturer Name Ms. Manisha

Course objectives: Provide information about genetic material. Deals with mechanism of molecular biology process.

Week	Topics	Methodology
01 Jan - 3 Jan	DNA models, Transformation experiments, Hershey-Chase bacteriophage experiment.	Lecture method.
05 Jan to 10 Jan	DNA structure. Types of DNA (A,B,Z) Types of genetic material	Lecture and model method.
12 Jan to 17 Jan	DNA replication (Prokaryotic and Eukaryotic), Bidirectional replication Linear ds-DNA replication	Lecture and animation method.
19 Jan to 24 Jan	ϕ model of replication, RNA priming, Replication enzymes, DNA repair.	Lecture method
27 Jan to 31 Jan	Types of structures of RNA, (mRNA, tRNA, rRNA) Monocistronic, Polycistronic RNA	Lecture method
02 Feb to 07 Feb	Revision and doubt class of Replication topic and DNA Repair. Test of both topics.	Lecture method, Evaluation
09 Feb to 14 Feb	RNA polymerases - Types. Transcription initiation, elongation (PIK and EK).	Lecture and Animation method
16 Feb to 21 Feb	Transcription termination (PIK and EK), Genetic code.	Lecture and Animation method.

Week	Topics	Methodology
23 Feb to 28 Feb	Revesion of Transcription (Initiation, Elongation, Termination) Test of Transcription	Revision and Evaluation
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Translation - Initiation, Elongation and termination (Prokaryote and Eukaryote)	Lecture and Information method
16 Mar to 21 Mar	Post translational modification	Lecture method
30 Mar to 04 April	**House Test**	
06 April to 11 April	Operons in Prokaryotes — Lac operon, Tryptophan operon	Lecture and Video method
13 April to 18 April	Eukaryotic gene regulation (in general)	Lecture method
20 April to 25 April	Revesion of translation and test of translation.	Revision and Evaluation
27 April to 02 May	Revision of operons and gene regulation and test of same topics	Revision
04 May to 05 May	Revesion and test	Revision

Reference Books:- Pradeep's cell and Molecular Biology
Pathfinder lifesciences.
Watson Molecular Biology

Hamisha
Lecturer H.S. Hamisha

Hamisha
HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.Sc III (5th) Subject Botany... Lecturer Name H.S. Hanisha

Course objectives Provide information about basic unit of life Deals with cellular structure and organelles.

Week	Topics	Methodology
01 Jan - 3 Jan	cell theory, Prokaryotic and Eukaryotic cells, cell size and shape.	lecture method
05 Jan to 10 Jan	overview of cell cycle, mitosis and meiosis. Molecular controls	lecture method
12 Jan to 17 Jan	cyclin Dependent Kinases. Revesion of cell cycle and controls	Lecture method
19 Jan to 24 Jan	Brief account of mitochondria, - Structure, Semi-autonomous, composition, Symbiont Hypothesis	Lecture method
27 Jan to 31 Jan	Chloroplast Structure and structure / function, Endoplasmic reticulum, Golgi body, Lysosome.	Lecture and 3D model
02 Feb to 07 Feb	Revision of cell organelles and test.	Revesion
09 Feb to 14 Feb	Peroxisomes and Glyoxysome Nucleus, NPC, Euchromatin and heterochromatin.	Lecture method
16 Feb to 21 Feb	Nucleolus and ribosome structure Chromosome structure.	Lecture method.

Week	Topics	Methodology
23 Feb to 28 Feb	DNA Packaging in eukaryotes Revision.	Lecture method
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Models of membrane structure (Sandwich, Robertson unit membrane, Fluid mosaic)	Lecture method
16 Mar to 21 Mar	Membrane proteins and their functions, carbohydrates in the membrane.	Lecture method.
30 Mar to 04 April	**House Test**	
06 April to 11 April	Faces of membrane structure Selective permeability of membranes, Function of membrane.	Lecture method
13 April to 18 April	cell wall structure and functions cellular functions. plasmodesmata	Lecture method
20 April to 25 April	Revision and Test	Revision
27 April to 02 May	Revision and Test	Revision
04 May to 05 May	Revision and Test.	Revision

Reference Books:- • Pradeep's cell Biology and Mol. Bio
• Pathfinder Life sciences
• Cooper. - Cell Biology

Lecturer H.S. Hamisha

HOD

AdarshMahilaMahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A II (IV Sem) Subject Home Science/ Advance Apparel and Textile Designing Lecturer Name Dr. S.V.NANDA

Course objectives ① Gain Knowledge about different types of finishes given to fabric
② Get acquainted with different types of dyes and methods of dyeing
③ Acquire the technique of different types of printing.

Week	Topics	Methodology
01 Jan-3Jan	—	—
05Jan to 10Jan	Introduction to Syllabus	lecture Method
12 Jan to 17 Jan	Introduction Syllabus, Fabric finishes & Chemical finishes difference	Lecture Method
19 Jan to 24 Jan	- Fabric finishes : Definition and Objectives - classification of finishes - Physical - Singeing	Lecture Method
27 Jan to 31 Jan	Physical finishes- Napping, Brushing, Shearing	Lecture Method
02 Feb to 07 Feb	-Physical finishes: Sizing, Tentering and Calendaring. -Chemical finishes - Mercerising	Lecture Method
09 Feb to 14 Feb	Chemical finishes- Durable finishes. Special purpose finishes: Wrinkle resistant, Water Resistant	Lecture Method
16 Feb to 21 Feb	- Soil rebellentand flame rebellent. - Bleaching & its types. - Dyeing - Definition and Classification of Dyes	Lecture Method

Week	Topics	Methodology
23 Feb to 28 Feb	Natural Dyes - Vegetables, Animal and mineral. Synthetic Dyes - Basic, Acidic & Neutral dyes	Lecture Method
01 Mar to 08 Mar	**Holi Break**	-
09 Mar to 14 Mar	Sulphur Dyes, Direct Dyes, Vat Dyes, Mordant Dyes & Development Dyes. Unit I Test	Lecture Method
16 Mar to 21 Mar	- Raw stock Dyeing, Skein Dying, Cloth Dyeing - Principles and Methods of Dyeing, Faults in Dyeing and Remedies - Tie & Dye, Batik and Screen Printing	Lecture & Demonstration Method
30 Mar to 04 April	**House Test**	-
06 April to 11 April	Definition and classification of Printing. - Hand Printing: Block, Stencil, Screen Printing - Machine Printing: Roller, Screen, Discharge, Resist and Duplex Printing.	Lecture & Demonstration Method
13 April to 18 April	- Care and storage of fabrics - Principles and process of Dry cleaning - Advantages of Dry cleaning.	Lecture Method
20 April to 25 April	- Laundry Equitment and process of laundry and Uses of laundry - Stain Removal: Types of stains & Methods of Removing stains (Solvent, Absorbent & Chemical Methods)	Lecture Method
27 April to 02 May	→ Removal of Different stains. - Types and Manufacture of Soap and Detergent - Stiffening Agent and Blueing Agent	Lecture & Demonstration Method
04 May to 05 May	Revision, Doubt Clearing Session	-

Reference Books:- - Clothing and Textiles and laundry (Sushma Gupta, Neeru Garg, Renu Saini)
- Clothing and Textile (Tikoo, S.S)
- Hand Written Notes.

Surandra

Lecturer

Dr. SUNANDA
HOD

AdarshMahilaMahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem ..6th.....Subject Home Science Lecturer Name .Dr. Shalini

Course objectives ① To understand life-span growth within family | society.
② To Learn principles of development.
③ To develop skills in research, advocacy and professional practice related to human welfare.

Week	Topics	Methodology
01 Jan-3Jan	Introduction to Syllabus with Students.	Lecture
05Jan to 10Jan	• Concept of Human Development • Importance and Scope of Human development. • Revise the chapter with Students	Lecture
12 Jan to 17 Jan	• Principles and domains of development.	Lecture
19 Jan to 24 Jan	• Issues in Human Development • Discuss current trends in Human Development	Lecture
27 Jan to 31 Jan	Revision of Unit-I and Class Test	Revision & Test
02 Feb to 07 Feb	• Discuss the Developmental growth during prenatal stage.	Discussion & Lecture
09 Feb to 14 Feb	• Female Reproductive System. • Concept of Pregnancy.	Lecture
16 Feb to 21 Feb	• Influencing factors in Pregnancy. • discomforts in Pregnancy.	Lecture

Week	Topics	Methodology
23 Feb to 28 Feb	• Revision of Unit - II • Class test	Revision, Test & Lecture
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	• Stages of Development in infancy, childhood, late childhood and adolescent.	Lecture
16 Mar to 21 Mar	• Concept of Early Childhood Care and education. • Principles and Importance of Early Childhood care and education	Lecture
30 Mar to 04 April	**House Test**	
06 April to 11 April	• Lecture on Children with special needs – Gifted, Mentally Retarded, Orthopedically Handicapped, Speech Disorders, Deaf & Visual Impairements.	Lecture
13 April to 18 April	• Need for identification, screening, and early intervention.	Lecture
20 April to 25 April	• Guidance and Counselling Concept • Importance and scope of guidance and counselling.	Lecture
27 April to 02 May	Revision of Unit-III and Unit-IV	Revision
04 May to 05 May	Revision of whole syllabus and class test of Unit-III and IV.	Revision and class Test

Reference Books:-

① Gordon, L.J. (1975) Human Development New York: Harper & Row.

② Berk, Laura E (1999) Child Development Prentice Hall of India, Private Ltd. New Delhi.

Lecturer

(DR. Shalini)

HOD

(DR. Sunanda)

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem बी.ए. (तृतीय वर्ष) Subject हिंदी व्याकरण और संप्रेषण (SEC II) Lecturer Name Ms. Mina Lakshi

Course objectives/ 1. भाषिक संप्रेषण की प्रक्रिया
2. संप्रेषण में बाधाओं की पहचान
3. आधुनिक युग की आवश्यकता के अनुसार
4. अर्थपूर्ण अध्ययन

Week	Topics	Methodology
01 Jan - 3 Jan	सभी छात्राओं को पाठ्यक्रम से अवगत कराया गया।	व्याख्यान विधि
05 Jan to 10 Jan	संप्रेषण की अवधारणा को स्पष्ट करते हुए उसके सदर्भों पर प्रकाश डाला गया।	" "
12 Jan to 17 Jan	संप्रेषण की प्रक्रिया का विस्तारपूर्वक व्याख्यान किया गया।	" "
19 Jan to 24 Jan	संप्रेषण के विभिन्न मॉडलों पर विस्तारपूर्वक प्रकाश डाला गया।	
27 Jan to 31 Jan	अवाचिक संप्रेषण की सीमाओं, विशेषताओं, महत्व एवं प्रकारों पर प्रकाश डाला गया।	व्याख्यान विधि
02 Feb to 07 Feb	संप्रेषण सिद्धान्त का आशय, मौखिक एवं लिखित संप्रेषण की विवेचना पर व्याख्यान।	
09 Feb to 14 Feb	व्यक्तिक, सामाजिक और व्यावसायिक संप्रेषण की व्याख्या।	
16 Feb to 21 Feb	आत्मक संप्रेषण और प्रभावी संप्रेषण में अंतर बताते हुए व्याख्यान।	

Week	Topics	Methodology
23 Feb to 28 Feb	संपादकीय की परिभाषा, उद्देश्य एवं विशेषताओं पर विस्तारित चर्चा।	व्याख्यान विधि
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	इकाई – 1, 2 की पुनरावृत्ति, कक्षा-परीक्षा व कार्यभार (असिस्टमेंट वर्क) जमा होना।	
16 Mar to 21 Mar	पुस्तक क्या है? व उसके भेदों का वर्णन विस्तार व्याख्यान।	व्याख्यान विधि
30 Mar to 04 April	**House Test**	
06 April to 11 April	संवाद व संवाद लेखन की विशेषताओं व रेडियो एवं टेलीविजन, संवाद लेखन पर विस्तार से चर्चा।	व्याख्यान विधि
13 April to 18 April	श्रव्य माध्यम: ई-मेल, सोशल मीडिया, एस.एम.एस, इंटरनेट, फीडबैक विकास पर व्याख्यान।	" "
20 April to 25 April	भाषण, भाषण के प्रकार, लाभ, विशेषताएं व वाद-विवाद, पक्ष वाद-विवाद की प्रक्रिया व उनके लाभों पर चर्चा।	" "
27 April to 02 May	पल्लवन, संक्षेपण, कविता पठन, गद्य गद्यांश पठन, समाचार लेखन विशेषताएं व्याख्या पर प्रकाश।	व्याख्यान विधि
04 May to 05 May	इकाई – 3, 4 की पुनरावृत्ति व कक्षा-परीक्षा।	

Reference Books:-

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem बी.ए. (द्वितीय वर्ष) / सेमेस्टर - IV Subject हिंदी भाषा एवं सम्प्रेषण: व्यक्तित्व विकास (AEC) Lecturer Name Ms. Anjaneshi.

Course objectives 1. व्यक्तित्व विकास की प्रक्रिया का बोध।
2. नेतृत्व क्षमता का विकास
3. व्यक्तित्व में सुधार का मूल्यांकन
4. समय प्रबन्धन व तनाव प्रबन्धन की समझ।

Week	Topics	Methodology
01 Jan - 3 Jan	सभी धाराओं को पाठ्यक्रम से अवगत करवाया गया।	व्याख्यान विधि
05 Jan to 10 Jan	व्यक्तित्व के अर्थ एवं स्वरूप को स्पष्ट करते हुए व्यक्तित्व की विशेषताओं पर प्रकाश डाला गया।	" "
12 Jan to 17 Jan	व्यक्तित्व विकास के निर्धारक तत्वों व विभिन्न प्रकारों से अवगत करवाया गया।	" "
19 Jan to 24 Jan	सॉफ्ट कौशल व व्यक्तित्व विकास में सॉफ्ट कौशल के महत्व पर प्रकाश डाला गया।	" "
27 Jan to 31 Jan	स्वामी विवेकानंद के व्यक्तित्व विकास की अवधारणा व व्यक्तित्व विकास में भगवद्गीता के योगदान को सविस्तार समझाया गया।	व्याख्यान विधि
02 Feb to 07 Feb	नेतृत्व शैलियां, अभिप्राय व इनकी विशेषताओं, कार्यों पर विस्तारित चर्चा।	" "
09 Feb to 14 Feb	सफल नेता के गुण, नेतृत्व के लाभ व महत्व को सविस्तार समझाया।	
16 Feb to 21 Feb	लक्ष्य प्राप्ति की अवधारणा, सफलता व विफलता की अवधारणा, बाधाएं, समाधान व महत्वपूर्ण कारकों पर व्याख्यान।	

Week	Topics	Methodology
23 Feb to 28 Feb	वित्त कार्य की प्रकृति, महत्व एवं लाभ तथा आत्मनात्मक कुशलता के अर्थ एवं महत्व पर विस्तारित व्याख्यान।	व्याख्यान विधि
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	इकाई - 1, 2 की रिवीजन, क्लास टेस्ट व असिसमेंट वर्क समझाना।	
16 Mar to 21 Mar	मूल्यों की प्रकृति लक्षण एवं मूल्य निर्धारण प्रक्रिया व व्यक्तिगत मूल्यों की विस्तार व्याख्या समझाना।	व्याख्यान विधि
30 Mar to 04 April	**House Test**	
06 April to 11 April	भारत के प्रमुख सांस्कृतिक एवं सामाजिक मूल्यों का दर्शन व शिष्टाचार के स्वरूप पर व्याख्यान।	व्याख्यान विधि
13 April to 18 April	आत्म-प्रेरणा का अर्थ व महत्व तथा आत्म-मूल्यांकन एवं विकास की अवधारणा को स्पष्ट समझाना।	" "
20 April to 25 April	समय प्रबन्धन: अर्थ, महत्व, तकनीकी व प्रक्रियाएँ व प्रभावी रॉड मूल्यांकन-प्रक्रिया पर प्रकाश।	" "
27 April to 02 May	तनाव प्रबन्धन: का अर्थ, प्रभाव, प्रकार विभिन्न स्रोत व तनाव प्रबंधन की तकनीकों का विस्तार व्याख्यान।	" "
04 May to 05 May	इकाई - 3, 4 की पुनरावृत्ति क्लास टेस्ट।	

Reference Books:-

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem BSC III (VI Sem) Subject ..... Real Analysis & Special Functions Lecturer Name ... Dr. Dipti

Course objectives ..... To Get knowledge of the concepts of Integrability, Improper Integral, Metric space & Compactness.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction of Riemann Integral Integrability of Cts and Monotone functions, The fundamental theorem of Integral calculus.	Chalk & Board
05 Jan to 10 Jan	Theorems and Examples of Riemann Integral. Darboux Th^n. Taking Doubts.	"
12 Jan to 17 Jan	Improper Integral and their Convergence comparison test, Abel's and Dirichlet's test. Frullani's Integral. Example of Improper Integral	"
19 Jan to 24 Jan	Integral as a function of a parameter. Continuity, Differentiability and Integrability of an Integral of a function of a parameter.	"
27 Jan to 31 Jan	Examples. Affol Ep. of Integral as a fun^n. of a parameter. Start Unit-3. Definition and Examples of metric Spaces, nbdy. limit pts, Interior pts, Open and Closed sets.	"
02 Feb to 07 Feb	Closure and Interior, boundary pts, Sketch of a metric space, equivalent metrics, Cauchy Sequences, Completeness. Incomplete of Completeness.	"
09 Feb to 14 Feb	Cantor's Intersection Th^m (Statement and applications), Baire's Category th^m (Statements and applications, Contraction Principle)	"
16 Feb to 21 Feb	Taking Doubts. Start Unit-4. Cts. functions, uniform Continuity, compactness for metric Spaces, sequential Compactness Bolzano - Weierstrass Property. Totally bounded sets	"

Week	Topics	Methodology
23 Feb to 28 Feb	Finite Intersection property, Continuity in relation with compactness	Chalk & Board
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Series Soln of diff Eqn - Power series Method, Defn. of Beta and Gamma functions, Bessel Eqn and its Soln. Bessel functions and their properties - Ogenee, recurrence.	Chalk & Board
16 Mar to 21 Mar	Relations and generating functions Orthogonality of Bessel functions. Legendre differential Eqn's and their Soln's: Legendre functions. and their properties - Recurrence Relations, and generating functions.	〃
30 Mar to 04 April	**House Test**	
06 April to 11 April	Orthogonality of Legendre functions, Rodrigue's formula for Legendre, Integral Representation of Legendre polynomial.	Chalk & Board
13 April to 18 April	Definition of Laplace transforms - Existence thm for Laplace transform, linearity of the Laplace transform, Shifting thm, Laplace transforms of derivatives and Integral	〃
20 April to 25 April	Differentiation and Integration of Laplace transforms, Convolution thm, Inverse Laplace transforms, Convolution thm, Inverse Laplace transforms of derivatives and Integral	〃
27 April to 02 May	Soln of ordinary diff eqn's with Constant coefficients using Laplace transforms. Definition of Fourier transform, Linearity property, Shifting, Modulation	〃
04 May to 05 May	Convolution thm, Fourier Transform of Derivatives, Relations b/w Fourier transform and Laplace transform, Perseval's identity for Fourier transforms. Soln of ordinary diff eqn's using Fourier transforms	〃

Reference Books:- Real Analysis [Jeevansons Publications]

Dibyendu Mukherjee Special functions & Integral transforms [Jeevanson Publications]

Dibyendu Mukherjee
Lecturer

Dibyendu Mukherjee
HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A. I, II. Sem Subject Macro Economics I Lecturer Name Ms. Neerja Parmar

Course objectives Acquire basic understanding of consumption and investment. Understand about various theories associated with demand for money.

Week	Topics	Methodology
01 Jan - 3 Jan	Nature and scope of macroeconomics – significance of macroeconomics. diff blw micro and macroeconomics	chalk and Board
05 Jan to 10 Jan	Circular flow of income in two, three and four sector economy.	"
12 Jan to 17 Jan	Concept of national income and its related aggregates.	"
19 Jan to 24 Jan	methods of measuring national income, limitations of national income estimates.	"
27 Jan to 31 Jan	Theories of employment – classical theory of full employment, wage price flexibility	"
02 Feb to 07 Feb	full employment, Say's law of market	"
09 Feb to 14 Feb	Keynesian theory of employment and output determination.	"
16 Feb to 21 Feb	Principle of effective demand.	"

Week	Topics	Methodology
23 Feb to 28 Feb	Consumption function: Short run and long run function	Chalk, and Board
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	psychological law of consumption investment function- types of investment	"
16 Mar to 21 Mar	Marginal Efficiency of capital, investment multiplier.	"
30 Mar to 04 April	**House Test**	
06 April to 11 April	Demand for money - concept and function of money	"
13 April to 18 April	Quantity theory of money, Cambridge (Pigou and Marshall) and fisher approach	"
20 April to 25 April	Keynesian liquidity preference approach	"
27 April to 02 May	Post keynesian approach (Tobin and Baumol)	"
04 May to 05 May	Doubt classes and Revision	"

Reference Books:- Macroeconomics - I by T.R. Jain

Lecturer Neeraja Parmar

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A Ist Year 2nd Sem (S.F.S) Subject Economy of Haryana Lecturer Name Ms. Ravina Soni

Course objectives :To get a basic understanding of Haryana economy. and to understand pattern of development in different sector in Haryana.

Week	Topics	Methodology
01 Jan - 3 Jan	Structure of Haryana's Economy, study of different Sectors.	Oral Presentation
05 Jan to 10 Jan	Agriculture in Haryana, Green Revolution strategy.	〃
12 Jan to 17 Jan	Study of growth & productivity levels in green Revolution.	〃
19 Jan to 24 Jan	Rural credit and rural Indebtedness, Revision & Test of unit Ist.	〃
27 Jan to 31 Jan	Industry in Haryana - Pattern & Performance	〃
02 Feb to 07 Feb	constraints and challenges in Industries growth in Haryana.	〃
09 Feb to 14 Feb	Small scale Industries - role, problems and future prospects.	〃
16 Feb to 21 Feb	State and Industrial development, Revision & Test of unit 2nd.	〃

Week	Topics	Methodology
23 Feb to 28 Feb	State finances: Sources of Revenue & Expenditure patterns	Oral Presentation
01 Mar to 08 Mar	**Holi Break**	"
09 Mar to 14 Mar	Budgetary deficits/surplus, Financial Health of the state.	"
16 Mar to 21 Mar	Development Profile of Haryana (Trends in SDP), Revision for House Test.	"
30 Mar to 04 April	**House Test**	
06 April to 11 April	Trends of Per capital Income, HDI, Literacy, life expectancy rate, Revision & Test of unit 3rd.	"
13 April to 18 April	Recent trends in sectoral output, employment & Inter sectoral transactions.	"
20 April to 25 April	Social & demographic features of Haryana.	"
27 April to 02 May	Growth of population, sex ratio, trends in urbanization	"
04 May to 05 May	work participation rate (male/female) Revision & Test of unit 4th.	"

Reference Books:- S.P Gupta, Three decades of Haryana Economy, S.P. Publications.

Lecturer Ravina Soni

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A. II (Hon) Subject Macroeconomics II Lecturer Name Ms. Neeraja. Parmar Ms. Ravina Soni

Course objectives Get a basic knowledge about concept and working of multiplie
- Understand the causes of inflation & remedies of it.
- Get knowledge about role of monetary policy and tools associated with it.

Week	Topics	Methodology
01 Jan - 3 Jan	Keynesian Multiplier - Concept	Chalk and Board
05 Jan to 10 Jan	Relation between Multiplier, MPC and MPS	"
12 Jan to 17 Jan	working of multiplier in UDCs, Acceleration principle	"
19 Jan to 24 Jan	Concept of Super Multiplier	"
27 Jan to 31 Jan	Meaning of Business cycle, nature, features and its phases.	"
02 Feb to 07 Feb	Schumpeter business cycle theory, Hicks business cycle	"
09 Feb to 14 Feb	Rate of Interest: keynesian theory of Interest	"
16 Feb to 21 Feb	Basic IS-LM framework	"

Week	Topics	Methodology
23 Feb to 28 Feb	Inflation: Concept, its effects & remedies.	Chalk & Board
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Theories of Inflation: Demand pull and cost push	"
16 Mar to 21 Mar	New Classical macro economic theory: Rational Expectation (Lucas theory)	"
30 Mar to 04 April	**House Test**	
06 April to 11 April	Functions of Central bank, and Commercial banks	"
13 April to 18 April	Measures of money supply	"
20 April to 25 April	Determinants of money supply	"
27 April to 02 May	Monetary Policy: Tools & its contraction & expansion	"
04 May to 05 May	Doubt classes and Revision	"

Reference Books:- Macroeconomics by T.R. Jain.

Lekhreej's Parmar
Raima Soni

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem B.A. final (6th Sem) year Subject Development Economics . Lecturer Name Dr. Renu

Course objectives Understanding the concept of economic growth and sustainable development. Try to understand the Implacability of some very critical growth models in economic development so far.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to economic development, features of under developed countries	Chalk & Board
05 Jan to 10 Jan	Economic growth & development- difference, Determinants of growth & development.	〃
12 Jan to 17 Jan	Measurement and obstacles of Economic development	〃
19 Jan to 24 Jan	Rostow's Theory Revision & Test of unit 1st.	〃
27 Jan to 31 Jan	Human capital- Role of Learning, education and Research.	〃
02 Feb to 07 Feb	Accumulation of Human capital, needs & features of it.	〃
09 Feb to 14 Feb	Concepts and Measurements of HDI and solow Model	〃
16 Feb to 21 Feb	Endogenous growth theory of development. Revision & Test of unit 2nd.	〃

Week	Topics	Methodology
23 Feb to 28 Feb	Analysis of different growth Theories, Lewis' Model	Chalk & Board
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	Balanced and unbalanced growth Theories, analysis of these theories.	〃
16 Mar to 21 Mar	Nurkse, Arthur Lewis and Rosenstein Rodan theories of Development. Revision for Test.	〃
30 Mar to 04 April	**House Test**	
06 April to 11 April	Leibenstein critical minimum effort thesis Revision & Test of unit 3rd.	〃
13 April to 18 April	Economic development in India, Recent Economic Policy in India.	〃
20 April to 25 April	Post Reform policies, New Economic policy, 1991, LPG Reforms	〃
27 April to 02 May	Economic Reforms and their major Impacts in India	〃
04 May to 05 May	NITI Ayog and its functions Revision & Test of unit 4th	〃

Reference Books:- Development Economics by T.R Jain, V.K Ohri (VK Global Publications)

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem M.A. Eco. 4th Sem Subject Indian Economy II Lecturer Name Dr. Ranu.

Course objectives The main objective of the course is to make students acquaint with the performance of the service sector of the Indian Economy and to make them aware of the financial structure of Indian economy.

Week	Topics	Methodology
01 Jan - 3 Jan	Growth and Components of Service Sector in India.	Chalk and Board.
05 Jan to 10 Jan	Growth and Components of Infrastructure Development – Need, Performance and Govt. Strategy on Infrastructure Development	"
12 Jan to 17 Jan	Changes in Public Policy with the special reference to Competition Policy	"
19 Jan to 24 Jan	Consumer Protection Act, Structure of Financial System in India	"
27 Jan to 31 Jan	Financial sector Reforms- Introduction, Background, Challenges and Criticism.	"
02 Feb to 07 Feb	Capital Market: Growth, Problems and Reforms	"
09 Feb to 14 Feb	Impact of GST on Indian Economy.	"
16 Feb to 21 Feb	Fiscal Reforms in India- Introduction, Background, Tax Reforms, Challenges and Criticism	"

Week	Topics	Methodology
23 Feb to 28 Feb	Finance Commission of India- Introduction Composition, Functions and Duties	"
01 Mar to 08 Mar	**Holi Break**	
09 Mar to 14 Mar	India's Fiscal Policy, Fiscal Responsibility and Budget Mangement Act, 2003	"
16 Mar to 21 Mar	Foreign Trade: Volume, Composition and direction.	"
30 Mar to 04 April	House Test	
06 April to 11 April	Trade Policy during Post Reform Peri-d.	"
13 April to 18 April	Balance of Payments- Meaning Components, Equilibrium and disequilibrium.	"
20 April to 25 April	Growth of FDI (Meaning), Trend.	"
27 April to 02 May	SEZs, objectives of BRICS and MNCs in India.	"
04 May to 05 May	Revision and Test.	

Reference Books:- Indian Economy, Misra, Puri

Lecturer

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem M.A.Eco. 4th sem Subject International Economics - II Lecturer Name Ms. Neeraj Parmar

Course objectives The main objective of the course is to make students equipped with knowledge of International trade policy like Balance of Payments dynamics of foreign exchange rate as well as international organizations.

Week	Topics	Methodology
01 Jan - 3 Jan	Balance of Payment- Meaning and Component, Equilibrium and Disequilibrium in BoP	Chalk and Board
05 Jan to 10 Jan	Foreign Exchange Market (Spot Rate and forward Exchange Rate, Speculative Pressures)	"
12 Jan to 17 Jan	Exchange Rate: Meaning, Types Mint Par Parity Theory	"
19 Jan to 24 Jan	The Purchasing Power Parity Theory, The Balance of Payment Theory.	"
27 Jan to 31 Jan	BoP Adjustment: BoP Adjustment under Gold Standard.	"
02 Feb to 07 Feb	Fixed and Flexible Exchange Rates, Elasticity, Monetary and Absorption Approach to BoP Equilibrium.	"
09 Feb to 14 Feb	Internal and External Balance Simultaneously under Alternative Exchange Rate Regimes.	"
16 Feb to 21 Feb	Expenditure Reducing, Expenditure Switching Policies and Direct Control for Adjustment	"

Week	Topics	Methodology
23 Feb to 28 Feb	Foreign Trade Multiplier – Meaning and working of Foreign Trade Multiplier	Chalk and Board
01 Mar to 08 Mar	**Holi Break**	"
09 Mar to 14 Mar	Foreign Repercussion or Backwash Effect, Forms of Economic Integration	"
16 Mar to 21 Mar	Static and Dynamic Effects of a Custom Union, SAARC	"
30 Mar to 04 April	**House Test**	
06 April to 11 April	ASEAN, EU, IMF operations and International Liquidity.	"
13 April to 18 April	Functions and Achievements of World Trade Organization	"
20 April to 25 April	World Bank, Trade Policy and Less Developed Countries	"
27 April to 02 May	Import Substitution versus Export Promotion, Empirical Studies of Trade Policy	"
04 May to 05 May	Test	"

Reference Books:-

Lecturer Reeja Parmar

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem IVth Sem M.A. Economics Subject Public Policy Analysis Lecturer Name Ms. Ravina Soni

Course objectives The course will enable the student to understand the operations of public policy besides understanding the role of various stakeholders in policy formation and its effective implementation.

Week	Topics	Methodology
01 Jan - 3 Jan	Introduction to Public Policy: Nature, Scope and significance of Public policy.	chalk & Board
03 Jan to 10 Jan	Types of public policy- Regulatory, Welfare, Distributive and Re-distributive.	"
13 Jan to 17 Jan	Evolution of Public policy studies, Public Policy cycle	"
19 Jan to 24 Jan	Models of Public Policy: System Model. Revision & Test of unit Ist.	"
27 Jan to 31 Jan	Public policy Implementation: Delivery Agencies and Implementers, Enforcement Modes,	"
02 Feb to 07 Feb	Aspects of policy design for Implementation, Modes of policy Delivering & Implementors.	"
09 Feb to 14 Feb	Problems in public policy Implementation, conceptual, Political & Administrative Problems.	"
16 Feb to 21 Feb	Conditions for successful Implementation, Revision & Test of unit 2nd.	"

Week	Topics	Methodology
23 Feb to 28 Feb	Public Policy Monitoring and Evaluation: Policy Monitoring- Approaches & Techniques.	chalk & Board
01 Mar to 08 Mar	Holi Break	
09 Mar to 14 Mar	Constraints in Policy Monitoring, Measures for Effective Policy Monitoring.	"
16 Mar to 21 Mar	Policy Evaluation :- Role, Process, and Criteria, Types of Evaluation Revision for House Test.	"
30 Mar to 04 April	House Test	
06 April to 11 April	Evaluating Agencies, Problems in Policy Evaluation Unit. Revision & Test of unit 3rd.	"
13 April to 18 April	Public policy in India - constitutional framework for Policy- making.	"
20 April to 25 April	Institutional factors: Legislature, Executive, Judiciary factors in India.	"
27 April to 02 May	NITI Ayog- other forces in policy making - Public opinion, Political Parties, Pressure groups.	"
04 May to 05 May	Media & Professional Bodies - External Influencing Agencies Revision & Test of unit 4th	"

Reference Books - Public Policy making: An Introduction, Houghton Mifflin

Lecturer Ravina Soni

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem M.A.Eco. 4th Sem Subject Financial Institu-tions and Markets Lecturer Name .Ms. Ravina Soni

Course objectives This paper is the study of the working and constituents of financial system, risk management in financial system, financial Intermediaries, structure of financial Development.

Week	Topics	Methodology
01 Jan - 3 Jan	financial system - Nature & Role of financial system.	chalk & Board
05 Jan to 10 Jan	Rationale of studying financial system, financial Intermediaries	"
12 Jan to 17 Jan	Risk Management in financial system. Types of Risks in Market.	"
19 Jan to 24 Jan	Structure of financial Development, Revision & Test of Unit I.	"
27 Jan to 31 Jan	Money Market - Introduction, Meaning & characteristics of Money market.	"
02 Feb to 07 Feb	Call money market, Treasury Bill market, commercial Paper market.	"
09 Feb to 14 Feb	Certificate of deposit Market, Gilt-edged Securities market, Repo market.	"
16 Feb to 21 Feb	functions & Importance of money market, Recent development in India, Revision & Test of Unit 2nd.	"

Week	Topics	Methodology
23 Feb to 28 Feb	Capital Market - meaning, objectives and functions of capital Market, Instruments in Primary market.	Chalk & Board
01 Mar to 08 Mar	**Holi Break**	〃
09 Mar to 14 Mar	Stock Exchange - functions & features, Hedging with financial Derivatives - futures.	〃
16 Mar to 21 Mar	Options & Interest swaps Merchant Banking. Revision for House Test.	〃
30 Mar to 04 April	**House Test**	〃
06 April to 11 April	financial Instruments - shares, Debentures/Bonds, Mutual funds. Revision of unit 3rd and Test.	〃
13 April to 18 April	Insurance Market - Meaning, Types and Principles of Life Insurance and general Insurance.	〃
20 April to 25 April	Rationale for opening up of the Insurance and Emerging Scenario in Insurance sector	〃
27 April to 02 May	Main features of Life Insurance corporation in India.	〃
04 May to 05 May	Insurance Regulatory and Development Authority (IRDA) Revision & Test of unit 4th.	〃

Reference Books:- Financial Institutions and markets, Tata Mcgraw Hill, New Delhi

Lecturer Ravina Soni

HOD

Adarsh Mahila Mahavidyalaya, Bhiwani

Session 2025-26 (Even Semester)

Lesson Plan from 1st Jan. to 5th May. (UG & PG Classes)

Class with Sem M.A Eco. 4th Sem. Subject Economy of... Haryana Lecturer Name Ms. Neerja Parmar Dr. Renu

Course objectives . This paper help in acquaints students with the economic, social and demographic, cultural status of Haryana with the latest developments, policies and problems related to the economy of Haryana

Week	Topics	Methodology
01 Jan - 3 Jan	Regional Economics : concept, Scope and Framework	Chalk and Board
05 Jan to 10 Jan	Regional Economic Problems, different Approaches to Regional Economic Analysis.	"
12 Jan to 17 Jan	Growth and Sectoral Distribution of State Domestic Product (SDP) Declining Sex-Ratio and its Social and Economic Implications.	"
19 Jan to 24 Jan	Regional Disparities in Haryana, Globalization in Haryana Economy	"
27 Jan to 31 Jan	Economic Structure of Haryana Economy - Role of Agriculture in Haryana, Green Revolution.	"
02 Feb to 07 Feb	Strategy, Irrigation Facilities, Agriculture Diversification.	"
09 Feb to 14 Feb	Land Reforms in Haryana Agriculture Rural Credit and Indebtedness	"
16 Feb to 21 Feb	Agriculture Marketing, WTO and Haryana Agriculture.	"

Week	Topics	Methodology
23 Feb to 28 Feb	Haryana Industry - Petroleum, Performance, Constraints and challenges	chalk and Board.
01 Mar to 08 Mar	**Holi Break**	"
09 Mar to 14 Mar	Small Scale Industry, State and Industrial Development	"
16 Mar to 21 Mar	State Finance - Source of Revenue and Expenditure, Budgetary Deficits.	"
30 Mar to 04 April	House Test	"
06 April to 11 April	Financial Health of State, Infrastructure and Human Development. Power Sector.	"
13 April to 18 April	Haryana Electricity Regulatory Commission, Pricing Policy and Finance	"
20 April to 25 April	Rural Electrification, Transport Sector, Urban Infrastructure	"
27 April to 02 May	Haryana Development Authority, State Human Development Index	"
04 May to 05 May	Test.	"

Reference Books:- Haryana at Cross Roads: Problems and Prospects.

Lecturer

HOD