

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	MS. VANKITA
Class with sem :	BA. (Sem.-1st)
Subject / Paper :-	ALGEBRA

Week	Topics
16-Oct	Introduction of ch-1 (Matrices), Definitions, theorems, Examples of Ex-1.1, Exercise ques, Doubt Discussion.
18 Oct to 23 Oct	Ex-1.2 (Symmetric and skew-symmetric Matrix) Theorems and examples, Hermitian matrix, Doubt Discussion.
25 Oct to 30 Oct	Introduction of ch-2 (Rank of a Matrix), Ex-2.1, Elementary operations, Equivalent Matrix, Doubt Discussion.
1 Nov to 3 Nov	Examples of Echelon form, Normal forms, Examples, Inverse of a Matrix.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Introduction of Ex-2.4 (Linear Dependence and Independence of row and column matrices).
15 Nov to 20 Nov	Introduction of ch-3, Examples, Ex-3.1, Cayley-Hamilton, Doubt Discussion, Test.
22 Nov to 27 Nov	Ex-3.2, Ex-3.3, Theorems, Examples, Test.
29 Nov to 4 Dec	Introduction of ch-4 (Applications of matrices to a system of linear equations), Ex-4.1, Ex-4.2 Test.
06 Dec to 11 Dec	Introduction of ch-5 (Orthogonal and Unitary matrices), Doubt Discussion, Test.

13 Dec to 18 Dec	Introduction of ch-6 (Bilinear and Quadratic forms), Ex-6.1, Doubt Discussion.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Ex-6.2, Ex-6.3 (Theorems and Examples), Doubt Discussion, Test.
3 Jan to 8 Jan	Introduction of ch-7 (Relation b/w the roots and coefficients of an equations), Ex-7.1, Ex-7.2, Test
10 Jan to 15 Jan	Ex-7.3, Ex-7.4, Ex-7.5 (Theorems, Examples), Doubt Discussion, Test.
17 Jan to 22 Jan	Introduction of ch-8 (Transformation of equations), Ex-8.1, Examples, Ex-8.2 (Theorems, Examples), Test
24 Jan to 29 Jan	Ex-8.3, Ex-8.4, Revision of ch-4, Doubt Discussion, Test.
31 Jan to 5 Feb	Introduction of ch-9 (Solution of cubic and Biquadratic equations), Ex-9.1 (Cardan's method), Test.
7 Feb to 12 Feb	Ex-9.2 (Theorems & examples), Revision of ch-5, Test.
14 Feb to 19 Feb	Ex-9.3 (Ferrari's method, Theorems and Examples), Doubt Discussion. Test of ch-6.
21 Feb to 26 Feb	Introduction of ch-10 (Descartes's rule of signs), Doubt Discussion.
28 Feb to 5 March	Ex-10.1, Revision, Doubt Discussion.)
7 March to 8 March	Taking problems of all chapters.

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Lecturer :	MS. CHANANDA SHARMA
Class with sem :	B.A. 2nd year, 3rd Semester
Subject / Paper :-	STATICS (MATH)

Week	Topics
16-Oct	Some definitions related to statics, forces acting at a point, completion of Ex. 1.1 and 1.2
18 Oct to 23 Oct	Triangle law of forces, Lami's theorem, Polygon law of forces, Completion of examples and Ex. 1.3, 1.4 and 1.5
25 Oct to 30 Oct	Conditions of Equilibrium of Concurrent forces, completing Ch 1, Parallel forces and completion of chapter 2
1 Nov to 3 Nov	Revision and test of Ch 1 and 2, Definition of Moments, Varignon's theorem, Ex. 3.1 & 3.2
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Centre of a number of parallel forces, completion of Ch 3, Definition of couples, theorem and examples of Ch 4 and completion of Ch 4
15 Nov to 20 Nov	Analytical conditions of equilibrium of coplanar forces, completing Ex. 5.1 and 5.2. Introduction to friction
22 Nov to 27 Nov	Assignment on law of forces, Test of Ch-4, completion of examples and Ex. 6.1.
29 Nov to 4 Dec	Problems on equilibrium of rods and ladders, completion of Ch 6. Introduction to centre of Gravity
06 Dec to 11 Dec	Completion of Exercises, theorems and examples of Ch 7. Revision of Unit 1 and 2.

13 Dec to 18 Dec	Introduction to virtual work, Examples and Ex. 8.1. Test of Unit 2
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Test of unit 1 and 2 Introduction of Forces in three dimensions, Important theorems of Ch-9.
3 Jan to 8 Jan	Theorems, Examples and Exercise of Chapter 9.
10 Jan to 15 Jan	Test and Revision of Chapter 9. Wrenches, theorems of wrenches and examples of Ch-10.
17 Jan to 22 Jan	Completion of Ch-10, Null lines and null planes.
24 Jan to 29 Jan	Assignment on wrenches, theorems, examples and exercise of Ch-11.
31 Jan to 5 Feb	Test and Revision of Ch-10 and 11, Stable, unstable and neutral equilibrium
7 Feb to 12 Feb	Definition, examples and exercise 12.1, Test of Chapter 12
14 Feb to 19 Feb	Test and Revision of Unit 3.
21 Feb to 26 Feb	Test and Revision of Unit 4
28 Feb to 5 March	Doubts, test and Revision of Unit 3 & 4.
7 March to 8 March	Test and Revision of whole syllabus.

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Lecturer :	MS. ANJU RANI
Class with sem :	B.A. II (III Semester)
Subject / Paper :-	Advanced Calculus

Week	Topics
16-Oct	CHAPTER-1 (Introduction) Ex. 1.1 & 1.2, do exercise
18 Oct to 23 Oct	Exercise 1.2 (examples & selected Problems), CHAPTER-2 (Introduction)
25 Oct to 30 Oct	Exercise 2.1 (Examples) Ex-2.2 with examples Ex-2.3 and 2.4 with examples and problems
1 Nov to 3 Nov	Ex-2.5 (Examples and problems) CHAPTER-3 Ex-3.1, 3.2, 3.3 Examples
4 Nov to 7 Nov	Problems with Examples Diwali Vacation
8 Nov to 13 Nov	Test CHAPTER-1, CHAPTER-4 Ex-4.1, 4.2 Exercise's Problems and Test CHAPTER-2
15 Nov to 20 Nov	CHAPTER 5 Exercise 5.1 & 5.2 & 5.3 Test CHAPTER-3
22 Nov to 27 Nov	Exercise 5.4 taking Problems and revision of chapter 5
29 Nov to 4 Dec	Test chapter-4 & 5 Revision of chapter (1) and (2)
06 Dec to 11 Dec	CHAPTER-6 Exercise 6.1 & Examples Problems Revision of chapter (3)

13 Dec to 18 Dec	CHAPTER-7 Exercise - 7.1 & 7.2 Examples and Problems
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	CHAPTER-8 Exercise - 8.1, 8.2, 8.3 & 8.4 Problems Test - (7) CHAPTER
3 Jan to 8 Jan	Chapter 8 (Assignment) 8.5, Problems Test - Chapter (8) (CHAPTER-9 Ex-9.1)
10 Jan to 15 Jan	CHAPTER-10 Ex-10.1 and Problems Test - Chapter 10
17 Jan to 22 Jan	Revision - 8 and 9 chapters and Problems
24 Jan to 29 Jan	CHAPTER-11 Exercise - 11.1, 11.2 Examples and Problems
31 Jan to 5 Feb	taking doubts and test
7 Feb to 12 Feb	Revision of chapter - 1, 2 and 3 and test
14 Feb to 19 Feb	Revision of chapter - 4, 5 and 6 and Test
21 Feb to 26 Feb	Revision of chapters - 7, 8 and 9 and Test
28 Feb to 5 March	Revision of chapter - 10 and 11 and Test
7 March to 8 March	taking problems

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Lecturer :	Dr. Seema Bani
Class with sem :	B.A - II, 3 Sem
Subject / Paper :-	Partial Differential Equation

Week	Topics
16-Oct	Introduction to Partial Diff. Equation. formation of P.D.E. Linear and non-linear P.D.E.
18 Oct to 23 Oct	Complete solution, Singular sol ⁿ . General sol ⁿ . sol ⁿ . of Lagrange's linear eq ⁿ
25 Oct to 30 Oct	Charpit's general method of sol ⁿ . Compatible system of first order eq ⁿ
1 Nov to 3 Nov	Jacobi's method Problem Discussion
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Test, Problem Discussion Linear diff. eq ⁿ of second and higher order
15 Nov to 20 Nov	Linear and non-linear homogeneous and non-homogen. eq ⁿ . with constant coefficients.
22 Nov to 27 Nov	Problem Discussion and Test Complementary function and Particular integral.
29 Nov to 4 Dec	Eq ⁿ reducible to linear eq ⁿ with constant coefficients.
06 Dec to 11 Dec	Problem Discussion Test

13 Dec to 18 Dec	Classification of linear Partial diff. eqn. of second order.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Test, hyperbolic, Parabolic and elliptic types. Canonical forms of PDE.
3 Jan to 8 Jan	Soln and example of Canonical form of P.D.E. Soln. of linear hyperbolic eqn.
10 Jan to 15 Jan	Hongé method for P.D.E of second order. Examples of Hongé method.
17 Jan to 22 Jan	Problem Discussion and Examples.
24 Jan to 29 Jan	Test. Introduction to Cauchy's Problem.
31 Jan to 5 Feb	Characteristic Equations and char. curve of second order P.D.E
7 Feb to 12 Feb	Method of Separation of variables Laplace eqn. wave eqn. Diffusion.
14 Feb to 19 Feb	Soln. of Laplace, wave & Heat Eqn. & example.
21 Feb to 26 Feb	Ex. Problem Discussion
28 Feb to 5 March	Test
7 March to 8 March	Problem Discussion.

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Lecturer :	Dipti
Class with sem :	B.A 3rd (Vth Sem)
Subject / Paper :-	Groups and Rings

Week	Topics
16-Oct	Definition of Binary operation and Group - Examples of 1.1 complete. Ex-1.1 complete. Def ⁿ & examples of 1.2 : Ex 1.2 complete. Def ⁿ of Subst. & some Rings
18 Oct to 23 Oct	Examples & Ex. of 1.2 complete. Taking doubts. Some of 1.3 based on Subst. Ex & Example of 1.3 complete. Def ⁿ of cyclic gp & Theorems
25 Oct to 30 Oct	Examples & Ex. of 1.4. Ex. 2.1 & Examples 2.1 complete. Theorems based on Cosets. Def ⁿ of Normal Subst. (simple groups) & Theorems based on Normal Subst.
1 Nov to 3 Nov	Example & Ex. 2.2 complete. Examples & Ex. 2.3 complete. Taking doubts. Test Chapter 1
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Chapter - 3. Start Ex. & Examples of 3.1 Complete some Theorems based on this topic Def ⁿ Centre of Group
15 Nov to 20 Nov	Theorems based on centre of group. Def ⁿ of Commutator, Derived group or Commutator Subst. & some theorems based on commutator
22 Nov to 27 Nov	Taking doubts. Chapter 4. Start. Introduction of Permutation Subst. Some Definitions. Ex 4.1 & Examples of 4.1 complete.
29 Nov to 4 Dec	Chapter 5 Start. Definition of Ring Examples of 5.1 complete. Exercise 5.1 complete. Taking doubts.
06 Dec to 11 Dec	Test Chapter 2 & Def ⁿ of Subrings. Some of 2.1 on Subrings, centre of a ring - Ex 5.2 & Examples of 5.2 complete. Taking doubts

13 Dec to 18 Dec	Introduction of Ideal & Quotient Rings Some theorems on ideals, simple ring. Maximal Ideal & some Definitions. Examples of
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Theorems & Exercise of 6-1 Complete. Chapter 7 start. Examples of 7-1 Complete. Ex. 7-1 Complete. Taking doubts
3 Jan to 8 Jan	Test of Chapter 8, Def. of Divisibility Some Imp. Definitions & Theorems
10 Jan to 15 Jan	Theorems of Chapter 8-1 Complete and Examples of 8-1 Complete
17 Jan to 22 Jan	Exercise 8-1 Complete. Taking doubts. Test chapter 4
24 Jan to 29 Jan	Introduction of Polynomial Rings Some Definitions of Chapter 9. Taking doubts
31 Jan to 5 Feb	Some Theorems based on Polynomial Rings: Remainder The ^m , Unique factorization Domain
7 Feb to 12 Feb	Some Theorems based on 9-1. Definition of Primitive Polynomial, Irreducible Polynomials
14 Feb to 19 Feb	Gauss Lemma, Converse of Gauss Lemma Theorems on 9-1 Complete
21 Feb to 26 Feb	Examples of 9-1 Complete. Exercises of 9-1 Complete. Taking doubts.
28 Feb to 5 March	Assignment of Chapter 8. Taking doubts.
7 March to 8 March	Taking doubts. Test Chapter 8.

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Lecturer :	MENAKA
Class with sem :	B.A-III (Semester-V)
Subject / Paper :-	Numerical Analysis

Week	Topics
16-Oct	
18 Oct to 23 Oct	
25 Oct to 30 Oct	
1 Nov to 3 Nov	
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Chapter 1 (Introduction) Finite diff. operator and their properties. Ex-1.1 & 1.2
15 Nov to 20 Nov	Chapter-2 (Introduction) Interpolation with equal intervals.
22 Nov to 27 Nov	Exercise-2.1) Examples and problems Explanation Newton formula for forward & backward.
29 Nov to 4 Dec	Exercise 2.2 (Examples & Problems) Subdivision of intervals.
06 Dec to 11 Dec	Test of chapter 1 and chapter 2. also problems related to these chapters.

13 Dec to 18 Dec	Introduction of (chapter 3), Exercise 3.1 & 3.2, Example with problems 3.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Chapter 4 (Central difference Interpolation formula. Exercise 4.1) (Test of chapter 4)
3 Jan to 8 Jan	Chapter 5 (Probability Distribution) Exercise 5.1, 5.2 (problem with example)
10 Jan to 15 Jan	Exercise 5.3, 5.4 (problems with ex. Test of chapters 5.
17 Jan to 22 Jan	Chapter 6 (Numerical Differentiation) Exercise 6.1 Test of chapter 6.
24 Jan to 29 Jan	Chapter 7 (Eigen value problem) Exercise 7.1 Test of chapter 7.
31 Jan to 5 Feb	Chapter 8 (Numerical Integration) Exercise 8.1 Test of chapter 8.
7 Feb to 12 Feb	Chapter 9 (Numerical solution of ordinary differential equation. Exercise)
14 Feb to 19 Feb	Exercise 9.2, 9.3 Revision chapter 9.
21 Feb to 26 Feb	Revision of chapter 1, 2, 3, 4 and Test of chapters 3, 4 (taking doubt)
28 Feb to 5 March	Revision of chapter 5, 6, 7 Test of chapter 5, 6, 7 (taking doubt)
7 March to 8 March	Revision of chapter 8, 9 (Taking Doubt also)

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Lecturer :	MENAKA
Class with sem :	B.A - III (Semester - V)
Subject / Paper :-	Real Analysis

Week	Topics
16-Oct	
18 Oct to 23 Oct	
25 Oct to 30 Oct	
1 Nov to 3 Nov	
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Introduction of Chapter 1 (Riemann Integral) Exercise 1.1
15 Nov to 20 Nov	Exercise 1.1 and 1.2 (Problems also) Revision of chapter 1.
22 Nov to 27 Nov	Chapter 2 (Improper Integral and their convergence Exercise 2.1 & 2.2
29 Nov to 4 Dec	Exercise 2.3, 2.4 and 2.5 Revision of chapter 2.
06 Dec to 11 Dec	Chapter 3 (Integral as a Function of parameter) Exercise 3.1 (problems & examples)

13 Dec to 18 Dec	Chapter 4 (Metric space) Exercise 4.1 Revision of chapter 4. (Problems)
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Chapter 5 (open and closed set in Metric space)
3 Jan to 8 Jan	Exercise 5.1 (Revision and Test of Chapter 5)
10 Jan to 15 Jan	Chapter 6 (Completeness in Metric space) Exercise 6.1 (Revision)
17 Jan to 22 Jan	Chapter 7 (Continuity and Uniform Continuity in Metric space) exercise 7.1
24 Jan to 29 Jan	Chapter 8 (Compactness in Metric space) exercise 8.1 and Revision.
31 Jan to 5 Feb	Chapter 9 (Connectedness in Metric space) exercise 9.1 and Taking Prob
7 Feb to 12 Feb	Revision of chapter 9 Taking Doubts.
14 Feb to 19 Feb	Test of chapter 1 and 2nd Revision of 1, 2
21 Feb to 26 Feb	Test of chapter 3 and 4. Revision of 3, 4
28 Feb to 5 March	Test of chapter 5, 6, 7, 8 Revision
7 March to 8 March	Test of chapter 9. Revision of chapter 9.

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Lecturer :	Gaytri Arya
Class with sem :	B Com I st SEM
Subject / Paper :-	Business Economics

Week	Topics
16-Oct	Introduction
18 Oct to 23 Oct	Basic Problem of an Indian Economy
25 Oct to 30 Oct	Production Possibility Curve Working of Price mechanism.
1 Nov to 3 Nov	Role of Price mechanism in different economy.
4 Nov to 7 Nov	-Diwali Vacation
8 Nov to 13 Nov	Law of Demand, Elasticity of Demand Importance, Determination of elasticity of Demand
15 Nov to 20 Nov	Price elasticity, method, Income elasticity, Substitution elasticity. Average Revenue
22 Nov to 27 Nov	Marginal Revenue and elasticity of Demand, Elasticity of supply.
29 Nov to 4 Dec	UNIT-II Production function, Law of variable Proportion, Return to scale.
06 Dec to 11 Dec	ISOBQUANTS - Economic regions and optimum factor Combination.

13 Dec to 18 Dec	Expansion, Internal and External Economics and Diseconomies. Ridge lines.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Theory of Cost - Concept, Types Short run and long run cost curves
3 Jan to 8 Jan	Traditional and modern approach. (Revision of unit-II)
10 Jan to 15 Jan	Ordinal Utility Theory - Unit-III
17 Jan to 22 Jan	Consumer's Surplus, Equilibrium criticism of Law of Demand
24 Jan to 29 Jan	Cardinal Utility, TU, MU Law of Diminishing MU
31 Jan to 5 Feb	Law of Equi-marginal Utility Consumer equilibrium
7 Feb to 12 Feb	Revision of unit-III Test Unit-IV Price & output determination under perfect competition
14 Feb to 19 Feb	Price & output determination under monopoly market
21 Feb to 26 Feb	Price & output determination under monopolistic competition.
28 Feb to 5 March	Oligopoly market in Detail.
7 March to 8 March	Doubt Taken.

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Lecturer :	Mrs. Neeru Chawla
Class with sem :	B.Com I, Semester - I
Subject / Paper :-	Financial Accounting - I

Week	Topics
16-Oct	Introduction of Financial Accounting
18 Oct to 23 Oct	Meaning, Objectives, Process of Financial Accounting
25 Oct to 30 Oct	Limitations, Basic terms of Accounting Users of Accounting.
1 Nov to 3 Nov	Qualitative characteristics, ICAI, Financial Accounting standards - Introduction.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Concepts of Financial Accounting Standards, Benefits, Procedure for issuing Accounting Standards in India.
15 Nov to 20 Nov	International Financial Reporting Standards: Need + Procedure.
22 Nov to 27 Nov	Convergence to IFRS. Revision of Unit - I
29 Nov to 4 Dec	Capital and Revenue items: Reserves and Provisions: meaning difference between Reserve + Provision.
06 Dec to 11 Dec	Categories of Provisions - Provision for Bad debts, Provision for depreciation.

13 Dec to 18 Dec	Provision for Tax, Categories of Reserves - Capital Reserve and Revenue Reserve.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Depreciation - meaning, Causes, Accounting Procedure, Straight Line method.
3 Jan to 8 Jan	Diminishing Balance method and Change of method.
10 Jan to 15 Jan	Revision and Test.
17 Jan to 22 Jan	Rectification of Errors: Meaning and Types of errors, errors not affecting the Total Balance.
24 Jan to 29 Jan	Errors Affecting the Trial Balance, Suspense Account.
31 Jan to 5 Feb	Final Accounts with Adjustments: meaning, objectives. Rectification of errors in the next Accounting year.
7 Feb to 12 Feb	Manufacturing Account / Trading Account Profit and Loss Account Balance Sheet, Various adjustment entries in final Accounts.
14 Feb to 19 Feb	Accounting for Non-Profit Organizations, meaning, Characteristics, final Accounts - Receipt and Payment Account.
21 Feb to 26 Feb	Income and Expenditure Account - Consignment Accounts - meaning
28 Feb to 5 March	Accounting Treatment in the books of Consignor & Revision.
7 March to 8 March	Accounting Treatment in the books of Consignee & Revision.

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Lecturer :	Ashima Yadav
Class with sem :	B. Com Ist Yr. Ist Sem
Subject / Paper :-	Business Management (19BC - 102)

Week	Topics
16-Oct	Business - Concept, Nature and Spectrum of Business Activities
18 Oct to 23 Oct	Basic Considerations in Setting up a Business Enterprise
25 Oct to 30 Oct	Management : Introduction, Process development of Management thoughts
1 Nov to 3 Nov	Contribution of Taylor and Henry Fayol in Management.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Planning : objectives, strategies and planning process
15 Nov to 20 Nov	Organizing : concept organizational structure and process.
22 Nov to 27 Nov	Staffing : Concept and scope
29 Nov to 4 Dec	Recruitment and Selection
06 Dec to 11 Dec	Revision Unit I and Unit II

13 Dec to 18 Dec	Directing : Leadership Concept and style
19 Dec to 26 Dec	Theories : - Trait Winter Vacations
27 Dec to 1 Jan	Theories - Trait theory
3 Jan to 8 Jan	Style & Behaviour Theory
10 Jan to 15 Jan	Contingency theory
17 Jan to 22 Jan	Motivation: Concept, Theories: ERG theory
24 Jan to 29 Jan	Reinforcement Theory. Expectancy theory
31 Jan to 5 Feb	Decision Making
7 Feb to 12 Feb	Concept, Process and Techniques of Controlling
14 Feb to 19 Feb	Management By Objectives
21 Feb to 26 Feb	Management of change: Resistance to change and strategies to manage change
28 Feb to 5 March	Assignment & Tests
7 March to 8 March	Revision.

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Lecturer :	Arita Verma
Class with sem :	B. Com II nd Yr. 3 rd Sem.
Subject / Paper :-	Business Regulatory Framework (19BC-302)

Week	Topics
16-Oct	Indian Contract Act - Valid Contract and its elements
18 Oct to 23 Oct	proposal, Acceptance and Revocation
25 Oct to 30 Oct	Contractual Capacity of parties, free consent of parties
1 Nov to 3 Nov	Revision of Unit I
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Lawful consideration and object ; performance and Discharge of Contracts
15 Nov to 20 Nov	Contingent contracts, Quasi Contracts and Consequences of breach of Contract .
22 Nov to 27 Nov	Contract of Bailment ; Bailment and pledge
29 Nov to 4 Dec	Contract of Indemnity and Guarantee . Contract of Agency : principal
06 Dec to 11 Dec	Contract of Agency : Agent Relationship.

13 Dec to 18 Dec	Consumer Protection Act: Right of Consumers
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Consumer Protection Councils
3 Jan to 8 Jan	Consumer Disputes Redressal machinery
10 Jan to 15 Jan	Sales of Goods Act: Introduction, transfer of property or ownership
17 Jan to 22 Jan	Conditions and Warranties, performance of Contract: Delivery and payment.
24 Jan to 29 Jan	performance of Contract: Rights of Unpaid Seller
31 Jan to 5 Feb	Suits for Breach of Contract.
7 Feb to 12 Feb	RTI Act: Salient features, Rights and Importance & Procedure
14 Feb to 19 Feb	E-Governance: Definition, objectives, participatory system, Components.
21 Feb to 26 Feb	E-Governance Services: Basic Understanding of the New Labour Rule in India.
28 Feb to 5 March	E-Governance Services: Maryland Right to Service Act.
7 March to 8 March	Revision of Unit III & IV Assignments

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Lecturer :	Mrs. Anju Unwal
Class with sem :	B Com (1st Sem.)
Subject / Paper :-	Communicative English.

Week	Topics
16-Oct	Introduction to syllabus and question Paper pattern.
18 Oct to 23 Oct	Noun, Pronoun, Adjective, Verb, Adverb
25 Oct to 30 Oct	Conjunction, Interjection, Identifying parts of speech, verb pattern, Common errors
1 Nov to 3 Nov	Class test and home assignment, Hearing and Listening, Barriers to Listening, Academic Listening
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Greetings and Introduction, making requests, Asking for and giving permission.
15 Nov to 20 Nov	Offering help, Giving instruction and Directions. Acts of Small talk
22 Nov to 27 Nov	Making a short formal speech, describing people, places, Events and things.
29 Nov to 4 Dec	Class test and Home Assignment Doubt removal classes
06 Dec to 11 Dec	meeting, Parting at Railway Station, Buying at shops, Asking about buses

13 Dec to 18 Dec	Travelling by bus, using expressions of time, Talking about money
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Identifying people at the bank, at the grocery store
3 Jan to 8 Jan	Immediate family and relatives, Hiring a Taxi, Talking about weather / weather conditions
10 Jan to 15 Jan	Ordering food, Dinner Conversations
17 Jan to 22 Jan	At the Doctor's clinic, Quitting and finding jobs
24 Jan to 29 Jan	Office Conversations about school / College / University, The English class
31 Jan to 5 Feb	Doubt class, class test and home assignments.
7 Feb to 12 Feb	Introduction, welcome and Introductory speech.
14 Feb to 19 Feb	Vote of Thanks Speech, Farewell Speech
21 Feb to 26 Feb	Audience Analysis
28 Feb to 5 March	Doubt Removal classes, Class test
7 March to 8 March	Class test of full syllabus.

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Lecturer :	Ms Vaishali
Class with sem :	B.Com II Semester - III
Subject / Paper :-	E-Commerce.

Week	Topics
16-Oct	Introduction to E-Commerce.
18 Oct to 23 Oct	Business to Business model, Consumer to Business model, C2C Business Models.
25 Oct to 30 Oct	Applications of E-Commerce! Service Industry.
1 Nov to 3 Nov	Retail Sector, Financial Services, Travel and Tourism.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Future of E-Commerce, online Shopping, web-portals.
15 Nov to 20 Nov	Revision and Test - Unit - I
22 Nov to 27 Nov	Introduction of Internet! Networking concept.
29 Nov to 4 Dec	Network Topologies : Star, Ring, Mesh & Tree topology, Bus topology.
06 Dec to 11 Dec	TCP/IP Address, Domain Name, URL, E-mail Protocol.

13 Dec to 18 Dec	HTTP, WWW, Search Engine Internet & Intranet, Extranet.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Mobile Commerce, WAP & WML Internet Services through Mobile.
3 Jan to 8 Jan	Mobile Banking, mobile Information Devices, POS.
10 Jan to 15 Jan	Revision & Test.
17 Jan to 22 Jan	Online Payment Mechanism, Electronic Payment System, Payment Gateway.
24 Jan to 29 Jan	Risk Management, options for E-payment Systems, Cryptography, Authentication.
31 Jan to 5 Feb	Data Encryption, Decryption, Public Key, Private Key, Digital Signature.
7 Feb to 12 Feb	E-Check Certification, Plastic money, Debit, Credit Card, Smart Card & Digital Certification.
14 Feb to 19 Feb	Threats in E-commerce, Security of Client & Service Provider.
21 Feb to 26 Feb	Security Issues over the web E-governance.
28 Feb to 5 March	Firewalls, cyberlaw - IT Act 2000.
7 March to 8 March	Revision Unit - III & IV.

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Lecturer :	Ms. Haytri Arya
Class with sem :	B.Com II nd III rd sem.
Subject / Paper :-	Human Resource Management

Week	Topics
16-Oct	Introduction to HRM
18 Oct to 23 Oct	Importance, Objective, Scope of HRM Function of HRM
25 Oct to 30 Oct	Qualities of HRM, HRD Revision of Previous Chapter Unit-I
1 Nov to 3 Nov	Recruitment: - meaning & Steps Sources
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Modes of Recruitment. Factors.
15 Nov to 20 Nov	Selection - meaning, stages
22 Nov to 27 Nov	selection procedure in Detail. Training, Introduction.
29 Nov to 4 Dec	Training methods in Detail - test & Revision. of unit-II.
06 Dec to 11 Dec	Wages. Introduction Theory of Wages

13 Dec to 18 Dec	method of wage Programme Wage Incentives in Detail.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Importance of wage Incentives Concept, need, Importance
3 Jan to 8 Jan	Special Incentives. Revision & Test
10 Jan to 15 Jan	Doubt Taken Discuss old syllabus & Test
17 Jan to 22 Jan	Industrial Relation, Concept Importance, objective, content of Industrial Relations.
24 Jan to 29 Jan	Participants of Industrial Relations Recruitment of ^{Programme} based Industrial Relations
31 Jan to 5 Feb	Industrial unrest: meaning forms and Causes of Industrial dispute
7 Feb to 12 Feb	Impact of Industrial unrest on the economy, preventive and curative method
14 Feb to 19 Feb	Agenda for Reconciliation of Industrial unrest
21 Feb to 26 Feb	Labour Court for Disputes in India.
28 Feb to 5 March	Basic Understanding of Legal framework for the Empowerment of the workers.
7 March to 8 March	Revision & Doubt Taken

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Lecturer :	Ms. Gaytri Arya
Class with sem :	B Com III rd & Sem.
Subject / Paper :-	Advertising and Sales management

Week	Topics
16-Oct	Introduction to ASM
18 Oct to 23 Oct	Introduction to Advertising. Evolution of Advertising and Promotion, Emergence of Integrated marketing communication strategy.
25 Oct to 30 Oct	Developing marketing planning programs, Role of Advertising and Promotion.
1 Nov to 3 Nov	Types and Role of Advertising Agencies.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Unit-II Sales management: Participation in IMC Process, Position of sales mgt in Promotion, Characteristics.
15 Nov to 20 Nov	Responsibilities of Sales management; Basic skills and Changing Roles of sales managers.
22 Nov to 27 Nov	Theories of selling, Sales planning - Objective and Process.
29 Nov to 4 Dec	Revision & Test
06 Dec to 11 Dec	Territory management: Requirements and system for setting up Sales Territories!

13 Dec to 18 Dec	Time management; Routing, Sales Quotations - objective and types of Quotations
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Management of Sales Quotations. Management of sales force - Recruitment In Detail.
3 Jan to 8 Jan	Selection Process In Detail.
10 Jan to 15 Jan	Training. In Detail.
17 Jan to 22 Jan	Doubt taken Revision & Test of unit - III
24 Jan to 29 Jan	Control Process and Distribution Channels Analysis of Sales, Cost and Profitability
31 Jan to 5 Feb	Sale Expenses managing Performance Evaluation of Sales force
7 Feb to 12 Feb	Ethical Issues In Sales Management
14 Feb to 19 Feb	Web marketing.
21 Feb to 26 Feb	Emerging issues In Advertising and sales management
28 Feb to 5 March	Revision
7 March to 8 March	Test & Doubt taken.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr. Amrita Graba
Class with sem :	B. Com. II nd year 3 rd Sem
Subject / Paper :-	Corporate Accounting - I

Week	Topics
16-Oct	Share Capital: Meaning & Types
18 Oct to 23 Oct	Accounting treatment of Issue, forfeiture of Share, Re-issue of share, Bonus share Buy-Back of Share Illustration
25 Oct to 30 Oct	Sweat Share, Redemption of Share. Bonus share - issue, Illustration, ^{Boots} Buildings
1 Nov to 3 Nov	Redemption of Preference share, Doubt taken
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Issue of Deb. at Par, at Premium, at discount, other than Cash, Illustration
15 Nov to 20 Nov	Issue of Deb. as Collateral Security, Accounting treatment, Redemption of Deb.
22 Nov to 27 Nov	Distinction between CRR & DRR, Sinking fund, Method of Redemption of Deb.
29 Nov to 4 Dec	Lump sum Payment, Redemption of Deb. I st Method, II nd Method, Illustration.
06 Dec to 11 Dec	Conversion into Shares, Purchase of own Deb in open market, Interest, Illustration.

13 Dec to 18 Dec	Valuation of Goodwill, Introduction Need & Method, Average Profit Method
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Super Profit Method, Capitalisation Method Theory & Numerical
3 Jan to 8 Jan	Purchase Consideration Method, Annuity Method Numerical
10 Jan to 15 Jan	Valuation of Shares, Needs & factor affecting
17 Jan to 22 Jan	Method Net Assets Method Dividend Yield Method Illustration
24 Jan to 29 Jan	Notional call, Earning Capacity Method Average Method
31 Jan to 5 Feb	Illustration & Doubt taken Final A/c of Companies Introduction
7 Feb to 12 Feb	Final A/c of Companies - Performance, Trading & P&L, B/S,
14 Feb to 19 Feb	Profit or loss Buro to Incorporation and Subsquent to Incorporation
21 Feb to 26 Feb	IFRS In detail, Doubt
28 Feb to 5 March	Test & Revision -
7 March to 8 March	Test & Revision

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Dr. Amita Gaba
Class with sem :	B.Com. final yr. V th SEM
Subject / Paper :-	Cost Accounting

Week	Topics
16-Oct	Introduction
18 Oct to 23 Oct	Cost Accounting - Meaning, features Scope, Techniques
25 Oct to 30 Oct	Costing, Cost Accountancy, Cost Centres & Profit Centres.
1 Nov to 3 Nov	Difference & Similarities of Cost Accounting System with Financial Accounting
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Cost: Main element & Types Material Control: Meaning & objectives
15 Nov to 20 Nov	Material Purchase Procedure, fixation of Inventory level, Re-order level
22 Nov to 27 Nov	Minimum level, Maximum level, Danger level Illustration
29 Nov to 4 Dec	EOQ analysis, Methods of issuing Material, Wastage of Material.
06 Dec to 11 Dec	Labour Cost Control - Introduction, Importance, Method of time keeping

13 Dec to 18 Dec	Treatment & Control of Labour turnover, Idle time, overtime
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Wage Payment - Method Time wages; Piece Rate Method
3 Jan to 8 Jan	Incentive wage Plans - Individual - Plant & group Plan - Illustration
10 Jan to 15 Jan	Revision & Doubt of Unit I & II
17 Jan to 22 Jan	Overhead - Meaning & types Collection & classification
24 Jan to 29 Jan	Allocation, Apportionment and absorption of overhead
31 Jan to 5 Feb	Illustration of overhead
7 Feb to 12 Feb	Doubt & Practice
14 Feb to 19 Feb	Assignment & Presentation
21 Feb to 26 Feb	Revision & Test
28 Feb to 5 March	Revision & Test
7 March to 8 March	Revision

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ms. Anita Verma
Class with sem :	B. Com. III rd yr. 5 th SEM
Subject / Paper :-	Management Accounting

Week	Topics
16-Oct	Management Accounting - Introduction Nature & Scope.
18 Oct to 23 Oct	Significance, Limitation, Method of Mgt. Acctg. Financial Accounting vs Cost Accounting vs. Mgt. Acctg.
25 Oct to 30 Oct	Essential Qualities & Responsibilities Position & Role of Management Accountant Revision
1 Nov to 3 Nov	Contemporary issues in Mgt. Acctg Value Chain Analysis.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Activity Based Accounting, Balanced Score Card - & Level, Advantages & Disadvantages
15 Nov to 20 Nov	CVP Analysis - Assumption & its applications. Revision
22 Nov to 27 Nov	Standard Costing - Concept, Advantages Types of Standard
29 Nov to 4 Dec	Variance Analysis - Practical & Theory
06 Dec to 11 Dec	Material Variance - Numerical Problem

13 Dec to 18 Dec	Labour Variance, Overhead Variance & Managerial use of Variance
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Doubt & Test, Transfer Pricing Concept & Methods.
3 Jan to 8 Jan	Revision, Responsibility Accounting
10 Jan to 15 Jan	Advantage of Responsibility Accounting Responsibility Centres.
17 Jan to 22 Jan	Total Quality Management Meaning Definition, Advantages
24 Jan to 29 Jan	Primary element of TQM, Implementing of TQM
31 Jan to 5 Feb	History & Evaluation, Deming's 14 Point for TQM.
7 Feb to 12 Feb	TQM Resources, Revision
14 Feb to 19 Feb	Revision & Test
21 Feb to 26 Feb	Revision of Test
28 Feb to 5 March	Revision & Test
7 March to 8 March	Test

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Mrs. Neeru Chawla
Class with sem :	B.Com. 3 rd 5 th SEM
Subject / Paper :-	Taxation Law

Week	Topics
16-Oct	Introduction of Income tax, history, Basis
18 Oct to 23 Oct	Agriculture Income, Kinds and Computation of Agriculture Income
25 Oct to 30 Oct	Exempted Income for all assessee, Exempted Income for employee and some assessee,
1 Nov to 3 Nov	Introduction of Residential status of a assessee, Illustration
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Residential status of Individuals, HUF, Firm or association of Person and Companies, Introduction of Income Salary,
15 Nov to 20 Nov	Allowances, Perquisites, Profit in lieu of Salary, illustration, Provident fund
22 Nov to 27 Nov	Deduction, Retirement, illustration Income of House Property, Taxable Income, Calculation of Gross Annual Value
29 Nov to 4 Dec	Deduction in house Property, Calculation of Profit from Business allowed,
06 Dec to 11 Dec	Deduction in Business, expenses not allowed, Introduction of Capital gain

13 Dec to 18 Dec	Capital Assets, Transfers of Cap Assets Computation of Capital Gain Numerical
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Capital gain exempt from tax, Revision of Capital gain
3 Jan to 8 Jan	Calculation of Income from other Sources
10 Jan to 15 Jan	Deemed Income & clubbing of Income
17 Jan to 22 Jan	Set off & Carry forward of Losses, Doubt taken
24 Jan to 29 Jan	Ded. from Gross total Income
31 Jan to 5 Feb	80G to 80U Deduction Doubt
7 Feb to 12 Feb	Revision of Income from House property & Profit from business
14 Feb to 19 Feb	Test I & Doubt unit
21 Feb to 26 Feb	Test of Unit III
28 Feb to 5 March	Revision of Test Unit-IV
7 March to 8 March	Revision of Test

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ms. Gaytri Arya
Class with sem :	B.Com III rd Sem.
Subject / Paper :-	Retail management

Week	Topics
16-Oct	Introduction to the Subject
18 Oct to 23 Oct	Introduction! Concept, Characteristics - Theory of Retail Development, Evolution of Retailing
25 Oct to 30 Oct	Present Size, Functions of Retail mgt. Career in Retailing.
1 Nov to 3 Nov	Technology Induction in Retailing
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Retail mix and Potential of Retailing in India, E-Retailing.
15 Nov to 20 Nov	- Types of Retailing - stores classified by owners, stores classified by merchandise categories.
22 Nov to 27 Nov	Wheel of Retailing, Traditional Retail formats vs. modern retail formats.
29 Nov to 4 Dec	Store and non-store based formats, Cash and Carry Business - Features
06 Dec to 11 Dec	Fundamentals and Scope; Retailing models - Franchiser, franchisee, Directly owned

13 Dec to 18 Dec	Revision & Test of Unit I
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Management of Retailing operations Wheel of Retailing and Retailing life cycle
3 Jan to 8 Jan	Retail management.
10 Jan to 15 Jan	The "Total Performance model"; Strategic retail management process.
17 Jan to 22 Jan	Revision & Doubt Taken.
24 Jan to 29 Jan	Retail Planning - Significance and Process.
31 Jan to 5 Feb	Developing Retailing strategies, Objectives, Action plan.
7 Feb to 12 Feb	Retail Pricing strategies.
14 Feb to 19 Feb	Retail Location: Planned and Unplanned.
21 Feb to 26 Feb	Location strategies.
28 Feb to 5 March	Revision & Doubt Taken
7 March to 8 March	Test & Revision.

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ashima Yadav
Class with sem :	B. Com Ist Yr. Ist Sem (ASM) Vocational
Subject / Paper :-	Marketing Management

Week	Topics
16-Oct	Nature, scope, importance of marketing
18 Oct to 23 Oct	Marketing concepts: Traditional and modern, ↑ P's of marketing
25 Oct to 30 Oct	Market segmentation: Concept, importance and basis of market segmentation.
1 Nov to 3 Nov	E-Marketing, Revision of Unit I
4 Nov to 7 Nov	Consumer Diwali Vacation
8 Nov to 13 Nov	Consumer Behaviour - Nature, scope importance, factors affecting buyer behavior
15 Nov to 20 Nov	Product planning and development: importance and scope of product planning in marketing
22 Nov to 27 Nov	Stages of New Product
29 Nov to 4 Dec	Product life cycle: stages of Product life cycle.
06 Dec to 11 Dec	Factors affecting Product life cycle.

13 Dec to 18 Dec	Revision of Unit II
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Assignments & presentation Unit I and Unit II
3 Jan to 8 Jan	Branding and trademark: Difference between brand and trademark.
10 Jan to 15 Jan	Advantages and criticism of branding type of branding
17 Jan to 22 Jan	Brand policies and strategies. Pricing - meaning importance.
24 Jan to 29 Jan	Factor affecting pricing: pricing objectives Types of price policy and pricing strategies
31 Jan to 5 Feb	Advertising: Concept, importance and criticisms of advertising.
7 Feb to 12 Feb	Media of advertising
14 Feb to 19 Feb	Evaluating advertising effectiveness
21 Feb to 26 Feb	Sales Promotion: Importance and methods
28 Feb to 5 March	Sales Promotion: Function and publicity.
7 March to 8 March	Revision of III and IV Unit.

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ms. Vaishali
Class with sem :	B.Com II year Semester - III
Subject / Paper :-	Retail Management.

Week	Topics
16-Oct	Retailing - Introduction, meaning
18 Oct to 23 Oct	Importance, Scope and Evolution of Retail competition, The wheel of Retailing.
25 Oct to 30 Oct	The Accretion & The Retail Life Cycle with Revision.
1 Nov to 3 Nov	Emerging Trends in Retailing, Retail Scenario in India.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Retail formats Traditional and Modern with Revision.
15 Nov to 20 Nov	Unit - I (Revision & Test)
22 Nov to 27 Nov	Types of Retailing ! stores classified by owners, merchandising, wheel of Retailing.
29 Nov to 4 Dec	Traditional & Modern Retail formats, Store & Non-store Based formats.
06 Dec to 11 Dec	Cash and Carry Business - meaning Nature and scope, Retailing Models.

13 Dec to 18 Dec	Franchisee - Franchise wheel of Retailing, Retailing life cycle co-operation and conflict.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Retail Planning - Importance and Process developing Retailing strategies.
3 Jan to 8 Jan	Objectives, Action plans, Pricing Strategies.
10 Jan to 15 Jan	Location Strategies with Revision.
17 Jan to 22 Jan	Revision of Unit - II
24 Jan to 29 Jan	Retail selling skills: Pre-checks opening the sale.
31 Jan to 5 Feb	Probing, Demonstration, Trial and Close Handling.
7 Feb to 12 Feb	Close Handling objections, closing, confirmations & imitation.
14 Feb to 19 Feb	Retail Management Information system with Revision.
21 Feb to 26 Feb	Retail Audits, online Retailing, Global Retailing.
28 Feb to 5 March	Legal and Ethical Issues in Retailing. Revision Unit - IV
7 March to 8 March	Revision & Test Unit - III

Lesson Plan from October - 2021 to March - 2022

UG - I, BBA

Lecturer :	Ashima Yadav
Class with sem :	B. Com Final Yr. 5th Sem
Subject / Paper :-	Auditing (1936 - 504)

Week	Topics
16-Oct	Auditing: Concept, objectives Importance and Type of Auditing
18 Oct to 23 Oct	Audit Process - Internal check
25 Oct to 30 Oct	Internal control & internal Audit
1 Nov to 3 Nov	Audit Programme (Revision)
4 Nov to 7 Nov	
8 Nov to 13 Nov	Audit of public Company: Qualification of Company Auditor
15 Nov to 20 Nov	Appointment of company Auditors, power, Duties and liabilities of Audi
22 Nov to 27 Nov	Audit of Depreciation and Reserve, Divisible profit & dividend.
29 Nov to 4 Dec	Assignments & Test
06 Dec to 11 Dec	Revision of Unit I and Unit III

13 Dec to 18 Dec	Audit procedure - Routine checking
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Vouching, Verification
1 Jan to 8 Jan	Valuation of Assets
10 Jan to 15 Jan	Valuation of Liabilities
17 Jan to 22 Jan	Revision of Unit II
24 Jan to 29 Jan	Audit Report & Investigation Introduction
31 Jan to 5 Feb	Audit Report - Basics of Audit Report
7 Feb to 12 Feb	Objectives of Audit Report Contents
14 Feb to 19 Feb	Types of Audit Report
21 Feb to 26 Feb	Investigation: Meaning, Concept, Features of Investigation
28 Feb to 5 March	Significance of Investigation
7 March to 8 March	

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ms. Vaishali
Class with sem :	B.Com III Semester IV
Subject / Paper :-	Brand Management (ABCVA-S06CA)

Week	Topics
16-Oct	Introduction of Branding Concepts.
18 Oct to 23 Oct	Branding Challenges and opportunities Brand equity Concept.
25 Oct to 30 Oct	Consumer based brand equity ; identifying and establishing brand positioning.
1 Nov to 3 Nov	Re-positioning ; defining and establishing brand values , Internal branding.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Revision + Test of Unit I
15 Nov to 20 Nov	Nature of brand development, brand awareness and attitudes, brand identity and image.
22 Nov to 27 Nov	Brand loyalty: meaning and its measurement , brand personality , advertisement Introduction.
29 Nov to 4 Dec	Advertisement and brand development develop marketing programs to build brand equity.
06 Dec to 11 Dec	Co-branding , licensing Introduction and Concept.

13 Dec to 18 Dec	Celebrity endorsement, sporting, cultural and other events.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Developing brand equity measurement - establishing brand equity management system.
3 Jan to 8 Jan	Measuring sources of brand equity - Customer mindset.
10 Jan to 15 Jan	Quantitative research techniques, Qualitative research techniques.
17 Jan to 22 Jan	Measuring outcomes of brand equity & market performance.
24 Jan to 29 Jan	Revision of <u>III</u> Unit.
31 Jan to 5 Feb	Designing Branding strategies, brand hierarchy, introducing a new product and brand extensions.
7 Feb to 12 Feb	Brand-Product matrix, Brand management Segregating time.
14 Feb to 19 Feb	Geographic boundaries and market segments, brand extension, brand switching.
21 Feb to 26 Feb	Advertising and brand positioning and Challenges of brand management.
28 Feb to 5 March	Revision of <u>IV</u> Unit.
7 March to 8 March	Revision + Test of <u>II</u> Unit.

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ms. Vaishali
Class with sem :	B.Com III Semester - V
Subject / Paper :-	Digital Marketing (19BCVA-505CB)

Week	Topics
16-Oct	Digital marketing: Introduction
18 Oct to 23 Oct	Evolution, meaning, Concept of Digital Marketing
25 Oct to 30 Oct	Scope of Digital marketing, Digital marketing Environment Analysis.
1 Nov to 3 Nov	Digital Data Analysis and management
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Digital marketing and Branding, Career in Digital marketing.
15 Nov to 20 Nov	Revision & Test of Unit I
22 Nov to 27 Nov	Understanding Digital Consumer Behaviour: Consumer Characteristics
29 Nov to 4 Dec	Consumer profiles, Information Search Behaviour
06 Dec to 11 Dec	Factors affecting consumption Behaviour, Decision making Process.

13 Dec to 18 Dec	Pre and Post Purchase Behaviour and management
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Digital market Positioning : Introduction & Concept
3 Jan to 8 Jan	Digital marketing strategy : Meaning, Process & Types.
10 Jan to 15 Jan	Digital marketing Mix Decision Distribution, Price, Product & Promotion
17 Jan to 22 Jan	Revision of <u>II</u> nd Unit
24 Jan to 29 Jan	Digital Marketing Mechanism : Introduction & Concept.
31 Jan to 5 Feb	Websites, Company and Retail Service Providers.
7 Feb to 12 Feb	Search Engines : Google, Bing, Ask Yahoo etc.
14 Feb to 19 Feb	Social Media Platform : Instagram, Facebook, Linked in, WhatsApp, Twitter, Telegram etc.
21 Feb to 26 Feb	Video Hosting and Entertainment - You Tube, Vimeo, Netflix etc. E-mails, Blogs.
28 Feb to 5 March	Revision & Test of <u>III</u> Unit
7 March to 8 March	Revision & Test of <u>IV</u> Unit

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Dr. Tamanna Gupta
Class with sem :	B.com C.A Ist sem
Subject / Paper :-	Operating System

Week	Topics
16-Oct	Joining w.e.f 10-12.2022
18 Oct to 23 Oct	—
25 Oct to 30 Oct	—
1 Nov to 3 Nov	—
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	—
15 Nov to 20 Nov	—
22 Nov to 27 Nov	—
29 Nov to 4 Dec	—
10 Dec to 11 Dec	Introduction to various categories of Software: Application Software and system software, Operating System and its functions

13 Dec to 18 Dec	Interaction of operating system with users Programs, Components of operating system, memory management, file management
19 Dec to 26 Dec	Introduction to disk operating system (DOS), DOS commands - move, copy, rename, delete file in Dos.
27 Dec to 1 Jan	Device Management, Control of various devices, device drivers, BIOS, DOS Internal & External Commands
3 Jan to 8 Jan	restore and backup Commands, DOS Interrupt, multi-user, multi-tasking, multi-Processing and real-time OS
10 Jan to 15 Jan	brief Introduction to memory management techniques. Revision Unit - 1 & 2
17 Jan to 22 Jan	file system, File management, Process management and Scheduling
24 Jan to 29 Jan	multi Processing OS, Introduction of Unix Operating System
31 Jan to 5 Feb	Introduction to Data processing, Records and file data collection
7 Feb to 12 Feb	Presentation, Verification, editing and checking, Business files
14 Feb to 19 Feb	Introduction to data structure, elements fields and records, classification of files
21 Feb to 26 Feb	master file and transaction file. Revision Unit - 3
28 Feb to 5 March	Revision Unit - 4 Test Unit - 2
7 March to 8 March	Test Unit 3, 4

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr. Sucheta Sanj Dr. Tasmanna Gupta
Class with sem :	B.Com 1st year 1st Sem
Subject / Paper :-	Fundamentals of Computer

Week	Topics
16-Oct	Introduction of Computer, Organisation
18 Oct to 23 Oct	Characteristics of Computer, types of Computer
25 Oct to 30 Oct	Types of memory, Hard ware and Software Concepts
1 Nov to 3 Nov	Test of unit I, operating System, Introduction of O.S, Types of OS
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Function of O.S, MS-DOS Internal Commands, chdir, cd, path, prompt.
15 Nov to 20 Nov	label, Ver, batch, etc, &c. External Commands, Scandisk, dos copy, DIR comp
22 Nov to 27 Nov	format, backup, restore, windows Explorer, Print manager, Control panel, Paint brush.
29 Nov to 4 Dec	Dialog box, text box, check box, slide boxes, Desktop!- Test of unit - 2
06 Dec to 11 Dec	MS office, Introduction of Word Processing, MS Word!- creating, Editing, Printing, Page Formatting.

13 Dec to 18 Dec	Sorting and tabs, mail merge. MS Excel: spread sheet.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Creating, Editing, printing, formatting of worksheets, preparation of worksheets & graphs.
3 Jan to 8 Jan	Tests of Unit-3
10 Jan to 15 Jan	Data Communication and Networks Data Communication Concept
17 Jan to 22 Jan	Media, modes multiplexers.
24 Jan to 29 Jan	Networking, Types of Networking.
31 Jan to 5 Feb	Need of Networking
7 Feb to 12 Feb	Distributed Networking
14 Feb to 19 Feb	Client Server Concept
21 Feb to 26 Feb	OSI models
28 Feb to 5 March	Revision of Unit 4
7 March to 8 March	Test of Unit 4

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Dr. Sucheta Sani
Class with sem :	B.Com 2nd year 3rd Sem
Subject / Paper :-	Computer Accounting System

Week	Topics
16-Oct	Accounting Packages. Computer Accounting, Accounting Information Systems.
18 Oct to 23 Oct	Ready to use, Customized, Manual Accounting and Computerized Accounting Difference B/W manual & Computerized Accounting
25 Oct to 30 Oct	Advantages & Dis Advantages of CAS
1 Nov to 3 Nov	Sourcing of Accounting Software. Considerations before Sourcing Accounting Software.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Tailored:- choosing Accounting Packages.
15 Nov to 20 Nov	Various Accounting Software In trend.
22 Nov to 27 Nov	Entry Level Software.
29 Nov to 4 Dec	Revision of unit 1 & 2
06 Dec to 11 Dec	Test of Unit .1

12 Dec to 25 Dec	Introduction of Tally Creation of Company
19 Dec to 26 Dec	[Creation of Group] Winter Vacations
27 Dec to 1 Jan	Creation of Accounts, Designing and Creating voucher
3 Jan to 8 Jan	Sales, Purchase, Sales Return Purchase Return, Contra.
10 Jan to 15 Jan	Journal and practical test of Unit - 2
17 Jan to 22 Jan	Data entry through vouchers
24 Jan to 29 Jan	Processing for Reports to Prepare Ledger Accounts
31 Jan to 5 Feb	Trial Balance
7 Feb to 12 Feb	Balance sheet and practical with the help of workbook.
14 Feb to 19 Feb	Revision of Unit - 3
21 Feb to 26 Feb	Revision of Unit - 4
28 Feb to 5 March	Test of Unit 3
7 March to 8 March	Test of Unit - 4

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	MS HIMANSHI JAIN
Class with sem :	B.COM. II (3rd SEM) [COMPUTER APPLICATION]
Subject / Paper :-	NETWORKING AND INTERNET.

Week	Topics
16-Oct	Introduction to Computer Networks Types of Networks.
18 Oct to 23 Oct	Network Topologies, Digital vs Analog Communication, OSI and TCP/IP Reference Models, Comparison of models, Parallel & Serial Communication.
25 Oct to 30 Oct	Communication Modes, Multiplexing, Transmission Media, Wireless Transmission, Communication Switching Techniques.
1 Nov to 3 Nov	Framing, Basic of Error Detection. Query session of Unit - I.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Forward Error Correction, Cyclic Redundancy Check Codes for Error Detection, Flow Control, ALOHA, CSMA, CSMA/CD.
15 Nov to 20 Nov	Token Ring, Token Bus, Test of Unit-I, Query of Unit-II, Categories and Characteristics of web Applications
22 Nov to 27 Nov	Concept of Internet, Applications of Internet, Basic Internet Protocols, Introduction to Intranet, Client-Server Environment.
29 Nov to 4 Dec	Web Browser & its functions, Web Servers & their features, WWW, Sending & Receiving files Through E-Mail.
06 Dec to 11 Dec	Fighting Spam, Sorting & Searching Mails, Mailing Lists, Avoiding E-Mail Viruses.

13 Dec to 18 Dec	Configuring E-Mail Programs, Categories of Search Engine, Searching Criteria, HTTP, URL.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	DNS working, Usenet Newsgroup Concepts - Reading usenet newsgroup, Internet Relay Chat.
3 Jan to 8 Jan	Query Session of unit 3, Test of unit-II, Security Requirements & Attacks, Firewall.
10 Jan to 15 Jan	Cryptography (DES, AES, RSA), Goals of Networking, Devices, Repeaters, Uses of Repeaters, Hubs with its Classification.
17 Jan to 22 Jan	Stackable Hubs, USB Hubs, Switches, Switching Methods, Comparison of Switching Methods.
24 Jan to 29 Jan	Working with hubs & switches, Cables connecting Hubs & switches, Managed Hubs & switches, Port Density, Bridges.
31 Jan to 5 Feb	Bridge Implementation Considerations, Types of Bridges, Routers, Dedicated Hardware vs server-based Routers, Advantages & Disadvantages of Dedicated Hardware Routers.
7 Feb to 12 Feb	Drawback of Routers, Gateways, Advantages of Gateways, Gateways functionality.
14 Feb to 19 Feb	Other Devices: Modems, Proxy Server, wireless Router.
21 Feb to 26 Feb	Blouter, wireless Access Point, Doubt Session of unit-4.
28 Feb to 5 March	Revision & Test of unit -III & IV
7 March to 8 March	Revision & Query Session of all 4 units.

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	MS. HIMANSHI JAIN
Class with sem :	B.COM. III (5th Sem) (COMPUTER APPLICATION)
Subject / Paper :-	OBJECT ORIENTED PROGRAMMING USING C++ (with practical)

Week	Topics
16-Oct	Procedural language and Object Oriented Approach.
18 Oct to 23 Oct	Characteristics of OOP: Objects, Classes, Encapsulation, Data Abstraction, Inheritance, Polymorphism.
25 Oct to 30 Oct	Dynamic Binding, Message Passing. Query session to test of unit - I.
1 Nov to 3 Nov	Data Types, Variables, static variables, operators in C++ (with practical implementation)
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Arrays, Strings, Structures, functions (with practical implementation)
15 Nov to 20 Nov	Recursion, Control statements (with practical) Query session of unit - II (including practical)
22 Nov to 27 Nov	Class Object, Memory Allocation for objects (with practical implementation)
29 Nov to 4 Dec	Memory layout of objects, Private, Public, Protected member functions (with practical)
06 Dec to 11 Dec	Static Members, Dynamic memory Allocation :- new, delete (with practical)

13 Dec to 18 Dec	Object Creation at Runtime, Query Session of unit-II, Test of unit-II.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Test of unit-II, Inheritance:- Derived Class & Base class, Different Types of Inheritance.
3 Jan to 8 Jan	Practical of Inheritance including Public & Private Inheritance.
10 Jan to 15 Jan	Overriding member function with Practical. Polymorphism:- Definition
17 Jan to 22 Jan	Operator overloading with Practical.
24 Jan to 29 Jan	Query session of Practical of unit II & III.
31 Jan to 5 Feb	Templates:- Introduction, class Template, function Template (with Practical).
7 Feb to 12 Feb	Overloading of function template (with Practical) Test of Practical of unit-II & III.
14 Feb to 19 Feb	Namespaces, Introduction to STL:- Standard Template Library - Benefits of STL.
21 Feb to 26 Feb	Containers, Adapters, Iterators, Vector, list.
28 Feb to 5 March	Query Session of unit-IV (Theory + Practical)
7 March to 8 March	Test of unit-IV (Theory + Practical).

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Dr. Tamanna Gupta
Class with sem :	B.Com 5th sem C.A
Subject / Paper :-	Multimedia and Computer Graphics

Week	Topics
16-Oct	Joining w.e.f 10-12-2022
18 Oct to 23 Oct	-
25 Oct to 30 Oct	-
1 Nov to 3 Nov	-
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	-
15 Nov to 20 Nov	-
22 Nov to 27 Nov	-
29 Nov to 4 Dec	-
10 Dec to 11 Dec	Display Devices - Random Scan, Raster Scan monitors

13 Dec to 18 Dec	Color CRT Monitor, DVST and Plasma Panel, Pixel, frame, buffer, application of computer graphics.
19 Dec to 26 Dec	3-D Transformation: Translation, Scaling, Rotation, Windowing ^{Winter Vacations} & clipping windows, View port, line clipping, Polygon clipping.
27 Dec to 1 Jan	Window & view port transformation. Display file, segment table, segment creation, deletion, rename.
3 Jan to 8 Jan	multimedia: Text - Font, faces, animating Text, HyperText, Sound: MIDI, Digital audio basics.
10 Jan to 15 Jan	Auto file formats, audio editing MCI - multimedia control interface
17 Jan to 22 Jan	Image \rightarrow Bitmap, Vector drawing, color palette Concept of 3D modeling, Image file formats (BMP, JPGs). Animation: Principle of animation
24 Jan to 29 Jan	Cell animation, kinematics, morphing Video - Broadcast video standards (NTSC, PAL)
31 Jan to 5 Feb	Integrating computer and television, video capture board, video, colour, shooting and editing video, Video compression (JPEGs, MPEGs)
7 Feb to 12 Feb	Hand copy devices: Printers & Plotters, Input devices: mouse, Trackball, Light Pen, Scanner, Digital camera
14 Feb to 19 Feb	Revision - Unit - 1 Test - I Unit
21 Feb to 26 Feb	Revision Unit - 2 Test - 2 Unit
28 Feb to 5 March	Revision - Unit - 2 Presentation Unit 2
7 March to 8 March	Revision Unit - 4 Presentation Unit - 4

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr. RITIKA
Class with sem :	B.Sc Isti (Ist sem.)
Subject / Paper :-	fundamental of IT

Week	Topics
16-Oct	Introduction of Computer
18 Oct to 23 Oct	Definition of Computer, Block Diagram along with its Component
25 Oct to 30 Oct	Characteristics & classification of Computer
1 Nov to 3 Nov	Limitation of Computer, Human Being vs Computer
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Application of Computer in various field
15 Nov to 20 Nov	Introduction of Information Technologies Definition, Scope, Application, IT To DIs.
22 Nov to 27 Nov	Introduction of Operating System. Types of Operating System. Functions & features of Windows O.S.
29 Nov to 4 Dec	Types of Software, Proprietary and Open Source Software.
06 Dec to 11 Dec	Input & output devices, Printer, Memory. Concept of Primary & Secondary Memory.

13 Dec to 18 Dec	RAM & ROM, Types of ROM Secondary Storage Devices
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Introduction of Computer Networking, Types of of Network, Network topologies, Modes of Data Transmission, Transmission Media
3 Jan to 8 Jan	Introduction of Word processing → opening & closing & saving a documents, Menu Bar, Ribbon, Page Setup
10 Jan to 15 Jan	Formatting Text, Editing, Printing & Drawing, Table Manipulating table, Working with graphics
17 Jan to 22 Jan	Mail Merge, Inserting equation, Word Art Smart Art, Header and footer, Track changes Markers.
24 Jan to 29 Jan	Basics of Presentation Software opening & saving Creating Presentation, Preparation and presentation of Slides entry and edit text
31 Jan to 5 Feb	Insert & Delete Slides, adding clip Art picture.
7 Feb to 12 Feb	Introduction of Spreadsheet, Elements of Spread sheet Manipulation of cells, Saving workbook, entering Data.
14 Feb to 19 Feb	Editing Data, formatting worksheet, formula and function, Working with chart and graphics.
21 Feb to 26 Feb	Data validation, Conditional formatting, Sorting Filtering, Advance Filter Page layout, Revision
28 Feb to 5 March	TEST & Revision
7 March to 8 March	TEST & Revision

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr. RITIKA, Dr. Tamanna Gupta
Class with sem :	B.Sc Ist Year (Ist Sem)
Subject / Paper :-	Digital Electronics (20UCS101)

Week	Topics
16-Oct	Introduction of Basic Electronics Diodes. half wave and full wave rectifiers.
18 Oct to 23 Oct	Zener diode, zener diode as a voltage Regulator.
25 Oct to 30 Oct	Bipolar Junction Transistors, Transistors configuration.
1 Nov to 3 Nov	CE Characteristics, Relation between transistor currents.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Transistor biasing Method (CE configuration). Small signal CE amplifiers, R S phase. Shift of characteristics.
15 Nov to 20 Nov	Astable Multi-Vibrator.
22 Nov to 27 Nov	Introduction Basics Number System Bases. Binary, decimal and hexadecimal Number System, Conversion between each
29 Nov to 4 Dec	Binary arithmetic :- Addition, Subtraction 1's and 2's Complement System.
06 Dec to 11 Dec	Multiplication, BCD, ASCII Codes Floating Number Representation.

13 Dec to 18 Dec	Boolean function, AND, OR, NOT NAND, NOR and XOR Truth Table.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Combinational Logic in Venn Diagram TEST
3 Jan to 8 Jan	Realization of other logic using NAND and NOR, Laws of Boolean Algebra
10 Jan to 15 Jan	De Morgan's Theorems, Min Term SOP Expression, Max Terms (POS Expression)
17 Jan to 22 Jan	K-Map > flip-flop - SR flip-flop & JK flip-flop
24 Jan to 29 Jan	Master-Slave, D flip-flop, T flip-flop
31 Jan to 5 Feb	Digital Circuits → Multiplexer, Demultiplexer TEST
7 Feb to 12 Feb	Half Adder, Full Adder Subtractors → half and Full
14 Feb to 19 Feb	Comparators 1 Bit and 2 bit Counters, Decoder and display
21 Feb to 26 Feb	Shift Registers Keyboard encoder, TEST
28 Feb to 5 March	Revision & TEST
7 March to 8 March	Revision & TEST

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr. RITIKA (PR)
Class with sem :	B.Sc Ist Year (Ist-Sem.)
Subject / Paper :-	IT Workshop

Week	Topics
16-Oct	Introduction of MS-office
18 Oct to 23 Oct	Create a document in MS-WORD and apply Formatting on Text
25 Oct to 30 Oct	Create a document use of Mail Merge
1 Nov to 3 Nov	Creating a list of 10 Best friends Use of Mail Merge feature of MS-WORD to create a Thank you letter for each of your friends.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Write a Macro that is run using the Shortcut Ctrl+F for Formatting the files.
15 Nov to 20 Nov	Create a Microsoft word document with content of Format.
22 Nov to 27 Nov	Insert a table in MS-WORD document.
29 Nov to 4 Dec	Demonstrate the AUTO-TEXT feature of MS-WORD.
06 Dec to 11 Dec	Create a document Using Header-footer.

13 Dec to 18 Dec	Revision of MS-WORD
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Create an Excel Worksheet using Basic Steps
3 Jan to 8 Jan	Saving, Save As, Print the Excel Workbook
10 Jan to 15 Jan	Rename sheet1 with another name & do Formatting of MS-Excel worksheet
17 Jan to 22 Jan	Use of Conditional Formatting
24 Jan to 29 Jan	Create a table of Student's data with Marks and calculate total Marks of all Students & Percentage of Marks of all students
31 Jan to 5 Feb	Introduction of Powerpoint Presentation
7 Feb to 12 Feb	Insert a movie clip in Slide 1 Insert an audio clip in Slide 2
14 Feb to 19 Feb	Insert a table with five rows and six columns in Slide 1
21 Feb to 26 Feb	Insert a Chart & Insert two shapes in a slide and group these shapes in slide
28 Feb to 5 March	Revision and TEST
7 March to 8 March	Revision and TEST

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr. RITIKA, Dr. Indu
Class with sem :	B.Sc Ist Sem (Ist Year)
Subject / Paper :-	Virtual Lab (20VCS102)

Week	Topics
16-Oct	Introduction of Computer
18 Oct to 23 Oct	Study of Computer Hardware & Software
25 Oct to 30 Oct	Creating Email I.D
1 Nov to 3 Nov	Change Password, Resend Email, Compose Email
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Study of Component : Identification of resistors
15 Nov to 20 Nov	Capacitors and inductors
22 Nov to 27 Nov	To Study Voltage regulation Characteristics of a Zener diode
29 Nov to 4 Dec	Revision
06 Dec to 11 Dec	Revision

13 Dec to 18 Dec	forward & Reverse bias characteristics of a semiconductor diode.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Revision
3 Jan to 8 Jan	PNP transistor & calculate transistor Parameters.
10 Jan to 15 Jan	Revision
17 Jan to 22 Jan	verification of Truth table of logic gates.
24 Jan to 29 Jan	S-R Flip flop, JK Flip flop
31 Jan to 5 Feb	Half Adder, Full Adder.
7 Feb to 12 Feb	Multiplexer
14 Feb to 19 Feb	Decoder
21 Feb to 26 Feb	Revision & TEST
28 Feb to 5 March	Revision
7 March to 8 March	Revision

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ms. Ncelam Gupta
Class with sem :	1st Year (1st Sem) (Sec-1) and Sec-2
Subject / Paper :-	Classical Mechanics (Th + Practical)

Week	Topics
16-Oct	Basic Concept of Classical Mechanics. Mechanics of Single and System of Particles
18 Oct to 23 Oct	Revision, Conservation law of linear Momentum, Angular Momentum, B.Sc 1st viva copy
25 Oct to 30 Oct	Mechanical energy for a Particle and System of Particles, use of Screw gauge
1 Nov to 3 Nov	Centre of Mass and equation of Motion, constrained Motion, viva - copy check.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Degree of freedom, Generalised co-ordinates, Use of vernier calliper. Trahs - for motion equation.
15 Nov to 20 Nov	Fly wheel, Displacement, velocity Acceleration, Momentum, force and Potential, viva copy check
22 Nov to 27 Nov	Torsion Pendulum, Acceleration, Momentum force and Potential. Practical to next group.
29 Nov to 4 Dec	Revision of half - first unit, Telescope and viva copy check.
06 Dec to 11 Dec	Linear Harmonic Oscillation, Simple Pendulum, Practical check.

13 Dec to 18 Dec	Biassing, Voltmeter, Atwood's Machine and its Problem, ammeter.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Short question of unit-I, Long question answer of unit-I and revision of unit I.
3 Jan to 8 Jan	Unit test-2 and Revision, PN Junction Diode, Moment of inertia Rotation of Rigid body.
10 Jan to 15 Jan	Unit-2 long question answer. Theorem of Perpendicular and Parallel axis.
17 Jan to 22 Jan	Moment of inertia, Zener Diode Torque
24 Jan to 29 Jan	Kinetic energy of rotation, Problems of unit-I and II
31 Jan to 5 Feb	Moment of inertia of Solid sphere, Hollow sphere, spherical shell, viscosity of water.
7 Feb to 12 Feb	Bending of Beam, Travelling microscope.
14 Feb to 19 Feb	Solid cylinder, Hollow cylinder, Solid bar of rectangular cross section.
21 Feb to 26 Feb	Ammeter, Voltmeter, Flywheel, Moment of inertia of an irregular body
28 Feb to 5 March	Electric vibrator, Acceleration of a body rolling down on an inclined plane.
7 March to 8 March	Travelling microscope.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr. Nisha Rani
Class with sem :	1st year, [(1st) Sem] Sec 1 & 2
Subject / Paper :-	Electricity & magnetism (Theory & Practical)

Week	Topics
16-Oct	Gradient of a scalar & its physical significance Line, surface & volume integral of a vector.
18 Oct to 23 Oct	Line surface & volume integral of vector, of their physical significance intro of spectro meter.
25 Oct to 30 Oct	Flow of a vector field, Divergence and curl of a vector & their physical significance, Gauss's divergence theorem
1 Nov to 3 Nov	Practical do, Telescope, viva copy Stokes theorem. Unit 1st topic revised.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Derivation of electric field (E) from potential as gradient, Derivation of Laplace & Poisson eqn Discussion of sodium lamp, Electric flux, Gauss law, mercury lamp
15 Nov to 20 Nov	Mechanical force of charged surface, energy for unit volume, numericals. Photometer, Revision & unit test of 1st unit.
22 Nov to 27 Nov	Magnetic Induction, magnetic flux, solenoidal nature of vector field of Induction, Transistor
29 Nov to 4 Dec	Properties, electronic theory of dia & Para, C.B Transistor. Domain theory of Ferromagnetism cycle of magnetization Hysteresis CE Transistor.
06 Dec to 11 Dec	Energy Dissipation, Hysteresis loss, & Important of hysteresis curve sextant experiment. Revision of Unit 1, Sextant Viva

13 Dec to 18 Dec	Long question. Answer of unit 1 & 2 Revision of unit 2. Area of window Test of unit \rightarrow 1 & 2nd
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Maxwell equations & their derivations, Refractive index, Displacement current, Vector & scalar Potentials Ripple factor?
3 Jan to 8 Jan	Test of unit -2 Calcise prism
10 Jan to 15 Jan	Problem solved, Electronic voltmeter
17 Jan to 22 Jan	Boundary conditions at interface b/w two different media
24 Jan to 29 Jan	Dispersion power.
31 Jan to 5 Feb	Resolving power of telescope.
7 Feb to 12 Feb	Propagation of electromagnetic wave Poynting vector.
14 Feb to 19 Feb	Poynting theorem, Practical do
21 Feb to 26 Feb	Revision of unit -2
28 Feb to 5 March	Practical Do
7 March to 8 March	Revision of unit -2 & test, Practical Do.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	JYOTIKA
Class with sem :	B.Sc (I st) - I st Sem
Subject / Paper :-	Atomic Structure & General Organic Chemistry, Paper I

Week	Topics
16-Oct	
18 Oct to 23 Oct	
25 Oct to 30 Oct	
1 Nov to 3 Nov	
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Unit I :- Atomic structure: What is Quantum Mechanics? Time independent Schrodinger equation. Significance of ψ and ψ^2 , Schrodinger equation for Hydrogen atom, Radial & Angular parts of Hydrogenic ψ
15 Nov to 20 Nov	Atomic Orbitals for 1s, 2s, 2p, 3s, 3p & 3d orbitals. Radial & Angular Nodes & their significance. Quantum No, Orbital Quantum No, Spin Quantum No, Nodal planes
22 Nov to 27 Nov	Shapes of s, p & d atomic orbital. Discovery of Spin Quantum No. & Magnetic Quantum No. Unit II :- Chemical Bonding:- Statement of Born-Landé equation for Calculation of Lattice energy, Born-Haber Cycle
29 Nov to 4 Dec	Fajan Rules, Ionic Character in Covalent Compounds, Bond Moment, Dipole Moment and percentage of ionic character. Covalent Bonding: Valence Bond Approach
06 Dec to 11 Dec	Shapes of inorganic Molecules & ions on the Basis of VSEPR & hybridisation with suitable examples of Linear, Trigonal planar, Square planar, Tetrahedral, Trigonal Bipyramidal & Octahedral. [Test of Unit - I]

13 Dec to 18 Dec	MO Approach - Rules for LCAO method, Bonding & Antibonding MO's & their Characteristics. MO treatment of Homonuclear Diatomic Molecules of 1 st & 2 nd periods & Heteronuclear Diatomic Molecules such as CO, NO & NO ⁺
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Unit III - Fundamentals of Organic Chemistry: Physical effects, Inductive effects, Electromeric effect, Resonance & Hyperconjugation. Homolysis & Heterolysis Aromaticity; Benzene rings & Huckel Rule.
3 Jan to 8 Jan	Structure, shape & Reactivity of Nucleophile & Electrophile. Reactive Intermediates: Carbocations, Carbanions [Test of Unit - II]
10 Jan to 15 Jan	Reactive Intermediates: Free Radicals. Strength of Organic Acids & Bases: Comparative study with emphasis on factors affecting pK values
17 Jan to 22 Jan	Unit IV - Conformations with respect to ethane, Butane & cyclohexane. Interconversion of Wedge formula, Newmann, Sawhorse & Fischer projections.
24 Jan to 29 Jan	Concept of chirality (upto two Carbon Atoms). Configuration - Geometrical & optical isomerism. [Test of Unit III]
31 Jan to 5 Feb	Enantiomerism [Properties], Diastereomerism. Meso Compounds: Cis and Trans Nomenclature
7 Feb to 12 Feb	D and L, Threo and erythro, Cahn Ingold Prelog (CIP) Rules for R/S [upto 2 chiral Carbon Atoms], Elements of Symmetry.
14 Feb to 19 Feb	E and Z Nomenclature (for upto two C=C system). Difference between Configuration & Conformational [Test of Unit - IV]
21 Feb to 26 Feb	Revision of Unit - I & Unit II (half)
28 Feb to 5 March	Revision of Unit II, Unit III, Unit - IV.
7 March to 8 March	Full Paper Revision & Full Test.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Vidushi
Class with sem :	B.Sc I st (I Sem) 3 day per week per Section
Subject / Paper :-	State of Matter and Aliphatic Paper - II (Physical + Organic) pychoembs

Week	Topics
16-Oct	
18 Oct to 23 Oct	Postulates of kinetic theory of Gases and derivation of the kinetic gas equation. Deviation of real gases from ideal behaviour.
25 Oct to 30 Oct	Compressibility factor, Cause of deviation, Vander Waals equation of state for real gases, Boyle temperature.
1 Nov to 3 Nov	Critical phenomenon, Critical Constant and their Calculation from Vander waals equation.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Andrews Isotherm of CO_2 , Maxwell Boltzmann distribution law of molecular velocities and molecular energies (Graphic representation).
15 Nov to 20 Nov	Temp dependence of these distributions, Most Probable, average and root mean square velocity, Collision number, Collision frequency, Collision diameter.
22 Nov to 27 Nov	Mean free path of molecules, Viscosity of Gases and effect of temp and pressure on coefficient of viscosity.
29 Nov to 4 Dec	Liquids: \rightarrow Surface tension and its determination using stalagmometer, viscosity of a liquid and determination of coefficient of viscosity using ostwald viscometer
06 Dec to 11 Dec	Effect of temp on surface tension and coefficient of viscosity of a liquid.

13 Dec to 18 Dec	Solids: 7 forms of solid, Symmetry element, Unit cell, Crystal system, Bravais lattice type and identification of lattice planes, Law of Crystallography. Miller Indices
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	X-ray diffraction by crystals, Bragg's law, Structure of NaCl, KCl and CaCl. Defects in crystals, Glasses and Liquid Crystals.
3 Jan to 8 Jan	Assignment on solid state. Test of solid, Liquid and Gaseous state.
10 Jan to 15 Jan	Alkanes: → Preparation - Catalytic hydrogenation, Wurtz reaction, Kolbe's synthesis, from Grignard reagent, Reaction: free radical substitution: Halogenation.
17 Jan to 22 Jan	Cycloalkanes: - Nomenclature, Synthesis of cycloalkanes and their derivatives, Photochemical (2+2) cycloaddition reaction, dehalogenation of dihalides, Pyrolysis of Calcium or barium salts of dicarboxylic acids.
24 Jan to 29 Jan	Baeyer's strain theory and its limitation, theory of strainless rings - Alkenes: - Preparation: Elimination reaction, Dehydration of alkenes
31 Jan to 5 Feb	Dehydrohalogenation of alkyl halides (Saytzeff's rule) (cis alkene and trans)
7 Feb to 12 Feb	Alkenes: - Reaction - (cis addition (alk. KMnO ₄) and trans addition (bromine), Addition of HX Markownikoff's and Anti Markownikoff's addition) Hydration, ozonolysis.
14 Feb to 19 Feb	Oxymercuration: - demercuration, Hydroboration-oxidation Revision → Alkenes.
21 Feb to 26 Feb	Alkynes: - Preparation: → Acetylene from CaC ₂ and conversion into higher alkynes by dehalogenation of tetra halides and dehydrohalogenation of vicinal dihalides
28 Feb to 5 March	Reaction: → formation of metal acetylides, addition of bromine and alkaline KMnO ₄ , ozonolysis and oxidation with hot alk. KMnO ₄ .
7 March to 8 March	Revision of Section → A, B, C, D

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Mrs. Rachma Asifa, ^{ms} Pratima Sangita, Ms Pooja, Ms Simran, ^{ms} Jyoti K.
Class with sem :	BSc I (Ist sem) Group - I to VII (2 days per week per group)
Subject / Paper :-	Chemistry Practical

Week	Topics
16-Oct	
18 Oct to 23 Oct	
25 Oct to 30 Oct	
1 Nov to 3 Nov	
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Inorganic Chemistry Estimation of oxalic acid by titrating it with $KMnO_4$.
15 Nov to 20 Nov	Estimation of water of crystallisation in Mohr's salt by titrating with $KMnO_4$.
22 Nov to 27 Nov	Determine the atomic wt of metal M, provided $\frac{M}{20}$ $KMnO_4$ sol of 2.5g $M_2Cr_2O_7$ solution.
29 Nov to 4 Dec	Organic Chemistry - To study the process of sublimation of Camphor
06 Dec to 11 Dec	To study the process of sublimation of Ethalic acid.

13 Dec to 18 Dec	Determine the surface tension of given liquid using stalgnometer by drop number method.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Determination of viscosity of a liquid or dilute solution using an ostwald viscometer.
3 Jan to 8 Jan	Separation of mixtures by chromatography, Measure the R _f Value. Introduction
10 Jan to 15 Jan	Identify & separate the component of a given mixture of amino acids (glycine, aspartic acid, tyrosine or aser) by paper chromatography
17 Jan to 22 Jan	Identify & separate the sugar present in the given mixture by paper chromatography
24 Jan to 29 Jan	Revision
31 Jan to 5 Feb	Revision
7 Feb to 12 Feb	Viva-Voice
14 Feb to 19 Feb	Viva-Voice
21 Feb to 26 Feb	Odd semester Practical Examination
28 Feb to 5 March	
7 March to 8 March	

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	DR. PREETI
Class with sem :	B.Sc (Med & Non-Med) Ist Sem.
Subject / Paper :-	Basic of Computer [Skill Enhancement Course] (Theory & Practical)

Week	Topics
16-Oct	Introduction of Computer
18 Oct to 23 Oct	Generations of Computers, Definitions / Introduction of MS Word processing, Toolbars, Menus.
25 Oct to 30 Oct	Block Diagram with its components, characteristics, classifications of computers / Creating & Editing Document, Formatting Document.
1 Nov to 3 Nov	Limitations of computers, Human Being vs Computer / Finding & Replacing Text
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Applications of Computers / Auto Text, Auto Correct, Spelling and Grammar Tools in MS Word
15 Nov to 20 Nov	Define Number System, Necessity of Number System / Format Painter, Header & Footer in MS Word
22 Nov to 27 Nov	Binary, decimal, Octal, Hexadecimal Number System / Macro & Mail Merge in MS Word
29 Nov to 4 Dec	Interconversion of number system / Practice of MS Word complete
06 Dec to 11 Dec	Unit-1 Revision & Test of Unit-1 Practice of MS Word complete

13 Dec to 18 Dec	Hard copy devices, memory & mass storage devices / Introduction to MS Excel, Cell, Cell Address
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Types of memory, RAM, ROM / Creating & Editing Worksheet, Formatting & Essential operations in MS Excel
3 Jan to 8 Jan	Magnetic disks, Magnetic Tapes / Moving & Copying data in Excel, Formulas, Pivot Table & Pivot chart in Excel
10 Jan to 15 Jan	Introduction & Types of Software / Linking & Consolidation in MS Excel
17 Jan to 22 Jan	Define Operating System, functions of OS / Sorting, Filtering, Validation, Conditional Formatting in MS Excel
24 Jan to 29 Jan	Multiprogramming, Multitasking, Multithreading, Multiprocessing, Time-sharing, real time, single-user, Multi-user Operating System / Practice of MS Excel
31 Jan to 5 Feb	Revision & Test of Unit-II / Practice of MS Excel Complete
7 Feb to 12 Feb	Introduction to Computer Networking & Types (LAN, WAN, MAN) / Introduction to MS PowerPoint
14 Feb to 19 Feb	Network Topologies / Creating, Manipulating & Enhancing slides in MS PowerPoint
21 Feb to 26 Feb	Modes of Data Transmission, forms, Channels / Organizational charts, Animations & sounds, Inserting Pictures in MS PowerPoint
28 Feb to 5 March	Introduction to Internet & its uses, Computer Security / Revision of MS PowerPoint
7 March to 8 March	Revision & Test of Unit-III / Practice of MS PowerPoint

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ms. Sunita, Ms. Vankita
Class with sem :	B.Sc. Ist (1st sem)
Subject / Paper :-	Calculus.

Week	Topics
16-Oct	Successive differentiation, examples, exercise 2.1
18 Oct to 23 Oct	n^{th} Order derivative, examples, exercise 2.1. Some more typical 'nth' derivatives Leibnitz's theorem.
25 Oct to 30 Oct	exercise 2.3, n^{th} derivative at $x=0$ examples, exercise 2.4, 2.5. Revision of complete chapter.
1 Nov to 3 Nov	Taylor's theorem with Lagrange's form of Remainder after 'n' terms, Maclaurin's theorem with Lagrange's form of rem.
4 Nov to 7 Nov	Infinte Diwali Vacation
8 Nov to 13 Nov	Infinite series, Taylor's Infinite series - examples, exercise. Another form of Taylor's theorem, Expansion by Differential Equations.
15 Nov to 20 Nov	Class Test of chapter 3. Asymptotes examples, exercise. Oblique Asymptotes of the general algebraic curve. exer 4.2
22 Nov to 27 Nov	Intersection of curve and its asymptotes, exercise 4.3, asymptotes of polar curves, examples, exercise.
29 Nov to 4 Dec	Position of the curve with respect to the asymptote. class Test of chapter 4. Revision.
06 Dec to 11 Dec	curvature, Radius of curvature for Cartesian eq ⁿ , examples, exercise. Radius of curvature of Polar eq ⁿ .

13 Dec to 18 Dec	Radius of curvature for Polar Tangential eq ⁿ , examples, exercise. Revision.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Class test of chapter 5. Tests for concavity and convexity. Points of inflexion. examples, exercise.
3 Jan to 8 Jan	Multiple Points, Cusps, nodes and conjugate points. exercise, examples Sort out Problem of students.
10 Jan to 15 Jan	Types of cusps, examples, exercise. Reduction formulae, Rectification, examples, exercise, class test etc. 1.
17 Jan to 22 Jan	Intrinsic eq ⁿ of curve. Application of single integration. Quadrature.
24 Jan to 29 Jan	Sectorial area. Area bounded by closed curves. Volumes and surfaces of solids of revolution.
31 Jan to 5 Feb	Theorems of Pappus and Guldens, examples, exercise. Revision of complete chapter. Class test.
7 Feb to 12 Feb	Multiple Integrals, Double integrals in cartesian and polar co-ordinates.
14 Feb to 19 Feb	Area and Volume by Double integrals. Triple integrals cartesian coordinates.
21 Feb to 26 Feb	Cylindrical and spherical co-ordinate volume of solids by Triple integrals.
28 Feb to 5 March	Revision of complete chapter. Class test. of unit IV.
7 March to 8 March	Revision of complete syllabus.

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ms. Richa
Class with sem :	B.S.C. (Medical) Sem I
Subject / Paper :-	English (MECC)

Week	Topics
16-Oct	Introduction to the syllabus and examination scheme.
18 Oct to 23 Oct	Introduction to the parts of speech. Define noun, Pronoun, adjective, verb with ample of examples. Practice of noun, pronoun, adjective & verb.
25 Oct to 30 Oct	Explain adverb, conjunction and interjection by giving examples. Practice of adverb, conjunction and interjection. Identifying parts of speech.
1 Nov to 3 Nov	To make the students understand about welcome speech. Give them tips to make welcome speech. Practice of welcome speech.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	To make the students understand about verb patterns. To get students to write 20 commonly used verb patterns. Practice of verb patterns.
15 Nov to 20 Nov	To get the students aware about common errors. Practice of ^{finding} common errors by giving lots of wrong sentences. Doubt class and Test
22 Nov to 27 Nov	To explain types of hearing and listening. To Explain barriers to listening with examples. To make the students understand about academic listening with example
29 Nov to 4 Dec	To make the students learn that how to greet someone and introduce yourself, how to make request, how to ask for and give permission, how to give instructions and directions by giving examples.
06 Dec to 11 Dec	To explain acts of small talk. To make the students learn that how to describe people, places, events and things, and how to make a short formal speech by giving examples.

13 Dec to 18 Dec	Doubt class and test. To give the students tips to make farewell speech by giving examples.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	To give the students some real ^{life} situations to make dialogue-based conversation on the following topics: - meeting, parting, at railway station.
3 Jan to 8 Jan	To give the students some real life situations to make dialogue-based conversation on the following topics: - buying at shops, asking about buses, travelling by bus, using expressions of time.
10 Jan to 15 Jan	To give the students the following situations to make dialogue based conversation: - talking about money, identifying people, at the bank, at the grocery store.
17 Jan to 22 Jan	To give the students tips to make vote of thanks speech by giving examples. Practice of Vote of thanks speech. Doubt class and test.
24 Jan to 29 Jan	To explain audience analysis. To tell types of audience and prepare the speech accordingly.
31 Jan to 5 Feb	To give the students the following situations to make dialogue based conversation: - how to introduce immediate family and relatives, hire a taxi, order food.
7 Feb to 12 Feb	Students will prepare dialogue based conversation on the following topics: - talking about weather or weather conditions, dinner conversation.
14 Feb to 19 Feb	To explain qualities of a good orator. To give examples of the famous speech of some famous orators. Doubt class and test.
21 Feb to 26 Feb	Students will make dialogue based conversation on the following topics: - how to explain ^{your} disease to a doctor at the doctor's clinic.
28 Feb to 5 March	Students will learn how to apply for a job or quit a job, how to ^{start} conversation in an office, conversation about school/college/university and the English class.
7 March to 8 March	Doubt class and test.

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ms. VANKITA
Class with sem :	B.Sc. (Sem - 1st)
Subject / Paper :-	ALGEBRA

Week	Topics
16-Oct	Introduction of ch-1 (Matrices), Definitions, theorems, Examples of Ex-1.1, Exercise ques, Doubt Discussion.
18 Oct to 23 Oct	Ex-1.2 (Symmetric and skew-symmetric Matrix) Theorems and examples, Hermitian matrix, Doubt Discussion.
25 Oct to 30 Oct	Introduction of ch-2 (Rank of a Matrix), Ex-2.1, Elementary operations, Equivalent Matrix, Doubt Discussion.
1 Nov to 3 Nov	Examples of Echelon form, Normal forms, Examples, Inverse of a Matrix.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Introduction of Ex-2.4 (Linear Dependence and Independence of row and column matrices).
15 Nov to 20 Nov	Introduction of ch-3, Examples, Ex-3.1, Cayley-Hamilton, Doubt Discussion, Test.
22 Nov to 27 Nov	Ex-3.2, Ex-3.3, Theorems, Examples, Test.
29 Nov to 4 Dec	Introduction of ch-4 (Applications of matrices to a system of linear equations), Ex-4.1, Ex-4.2 Test.
06 Dec to 11 Dec	Introduction of ch-5 (Orthogonal and Unitary matrices), Doubt Discussion, Test.

13 Dec to 18 Dec	Introduction of ch-6 (Bilinear and Quadratic forms), Ex-6.1, Doubt Discussion.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Ex-6.2, Ex-6.3 (Theorems and Examples), Doubt Discussion, Test.
3 Jan to 8 Jan	Introduction of ch-7 (Relation b/w the roots and coefficients of an equations), Ex-7.1, Ex-7.2, Test
10 Jan to 15 Jan	Ex-7.3, Ex-7.4, Ex-7.5 (Theorems, Examples), Doubt Discussion, Test.
17 Jan to 22 Jan	Introduction of ch-8 (Transformation of equations), Ex-8.1, Examples, Ex-8.2 (Theorems, Examples), Test
24 Jan to 29 Jan	Ex-8.3, Ex-8.4, Revision of ch-4, Doubt Discussion, Test.
31 Jan to 5 Feb	Introduction of ch-9 (Solution of cubic and Biquadratic equations), Ex-9.1 (Cardan's method), Test
7 Feb to 12 Feb	Ex-9.2 (Theorems & examples), Revision of ch-5, Test.
14 Feb to 19 Feb	Ex-9.3 (Ferrari's method, Theorems and Examples), Doubt Discussion. Test of ch-6
21 Feb to 26 Feb	Introduction of ch-10 (Descartes's rule of signs), Doubt Discussion.
28 Feb to 5 March	Ex-10.1, Revision, Doubt Discussion.)
7 March to 8 March	Taking problems of all chapters

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ms. Manisha
Class with sem :	B.Sc I st year [I st Sem.]
Subject / Paper :-	Botany / Paper - I (Diversity of Microbes)

Week	Topics
16-Oct	Bacteria: General characteristics and Cell structure, and their discovery
18 Oct to 23 Oct	Reproduction modes - Vegetative, asexual and recombination (conjugation, Transformation and transduction), Economic Importance.
25 Oct to 30 Oct	Life Cycle and economic importance of Citrus Canker (<i>Xanthomonas citri</i>), Crown gall (<i>Agrobacterium</i>), Bacterial leaf blight.
1 Nov to 3 Nov	Discovery, General characters, Nature (Biological status) of viruses, Economic importance.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Replication and Reproduction: Lytic and Lysogenic cycle.
15 Nov to 20 Nov	Structure: DNA virus (T-phage), RNA Virus (TMV), transmission of plant viral diseases.
22 Nov to 27 Nov	General characteristics, Classification upto class level (Smith 1955).
29 Nov to 4 Dec	Economic importance of Algae, Life History of Nostoc and their important features.
06 Dec to 11 Dec	Important features and Life history of Volvox, (<i>Oedogonium</i> (Chlorophyceae)).

13 Dec to 18 Dec	Life History of <u>Ectocarpus</u> (Phaeophyceae) and <u>Polysiphonia</u> (Rhodophyceae).
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	General characteristics, Classification upto class (Ainsworth), of Fungi.
3 Jan to 8 Jan	Life Cycle of <u>Rhizopus</u> (Zygomycotina), <u>Penicillium</u> (Ascomycota).
10 Jan to 15 Jan	Life cycle of <u>Puccinia</u> (Basidiomycota) <u>Colletotrichum</u> (Deuteromycota).
17 Jan to 22 Jan	Lichens and Mycorrhiza: general account, types and significance.
24 Jan to 29 Jan	Economic importance of Fungi, Difference between Algae and Fungi
31 Jan to 5 Feb	Lytic and Lysogenic cycle in viruses, Replication in virus.
7 Feb to 12 Feb	Revision of Unit - I + Test
14 Feb to 19 Feb	Revision of Unit II + Test
21 Feb to 26 Feb	Revision of Unit III + Test
28 Feb to 5 March	Revision of Unit III + Test
7 March to 8 March	Revision of complete Syllabus.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ms. Manizha
Class with sem :	B.Sc 1st year [1st Sem.]
Subject / Paper :-	Botany / Paper - II [Div. of Archegonates & Gymnosperms]

Week	Topics
16-Oct	General characteristics of Bryophytes.
18 Oct to 23 Oct	Classification (upto class), Alternation of generation and economic importance of Bryophytes.
25 Oct to 30 Oct	Morphology, anatomy and reproduction of <u>Marchantia</u>
1 Nov to 3 Nov	Morphology, anatomy and reproduction of <u>Anthoceros</u> .
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Morphology, anatomy and reproduction of <u>Funaria</u> , Economic importance.
15 Nov to 20 Nov	General characteristics, classification upto class (Smith 1955, Bold 1959), of Pteridophytes.
22 Nov to 27 Nov	General Account of fossils & types, Fossil pteridophytes (<u>Rhynia</u> , <u>Lyginopteris</u>)
29 Nov to 4 Dec	Stelar System and its evolution, Heterospory and Seed habit.
06 Dec to 11 Dec	Apospory and Apogamy, Economic importance of Pteridophytes.

13 Dec to 18 Dec	Structure and reproduction of <u>Selaginella</u> .
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Structure and reproduction of <u>Equisetum</u> .
3 Jan to 8 Jan	Structure and reproduction of <u>Pteris</u> .
10 Jan to 15 Jan	General characters, Classification upto class (Pelger and Melchior 1954)
17 Jan to 22 Jan	Morphology, anatomy and reproduction of <u>Cycas</u> .
24 Jan to 29 Jan	Morphology, anatomy and reproduction of <u>Pinus</u> (Dev. details not to be included).
31 Jan to 5 Feb	Economic importance of Gymnosperms, General topics discussion.
7 Feb to 12 Feb	Revision of Unit - I + Test
14 Feb to 19 Feb	Revision of Unit - II and Test.
21 Feb to 26 Feb	Revision of Unit - III + Test
28 Feb to 5 March	Revision of Unit - IV + Test.
7 March to 8 March	Revision of Complete syllabus.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ms. Manisha
Class with sem :	B.Sc I st year / I st Sem.
Subject / Paper :-	Botany / Practical { Papers I + II }

Week	Topics
16-Oct	Study of Bacteria from slides.
18 Oct to 23 Oct	Study of viruses (TMV and Bacteriophages) from chart.
25 Oct to 30 Oct	Study of morphological and reproductive characters of <u>Oscillatoria</u> , <u>Volvox</u> , <u>Dedogonium</u> .
1 Nov to 3 Nov	Study of morphological and reproductive characters of <u>Rhizopus</u> , <u>Puccinia</u> , <u>Penicillium</u> .
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Study of growth forms of Lichens. (Crustose, foliose and fruticose).
15 Nov to 20 Nov	Mycorrhiza slides.
22 Nov to 27 Nov	<u>Marchantia</u> : Morphology of thallus, w.M. of Rhizoid scale, v.S. of thallus through gemma cup.
29 Nov to 4 Dec	<u>Marchantia</u> : v.S. of antheridiophore, archegoniophore, L.S. of sporophyte.
06 Dec to 11 Dec	<u>Funaria</u> : Study of different portions through slides.

13 Dec to 18 Dec	<u>Selaginella</u> : Morphology, W.M. Leaf with Ligule, T.S. of stem, W.M. Strobilus, L.S. of strobilus.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	<u>Equisetum</u> : Study of different slides.
3 Jan to 8 Jan	Online Practical viva Preparation.
10 Jan to 15 Jan	Online Practical viva Preparation.
17 Jan to 22 Jan	Online Practical viva Preparation.
24 Jan to 29 Jan	Online Practical viva Preparation.
31 Jan to 5 Feb	Study of different slides of <u>Pteris</u> , and specimens identification.
7 Feb to 12 Feb	Study of different slides of <u>Cycas</u> .
14 Feb to 19 Feb	Study of different slides of <u>Pinus</u> .
21 Feb to 26 Feb	Revision of Bryophytes.
28 Feb to 5 March	Revision of Pteridophytes.
7 March to 8 March	Revision of Gymnosperms.

Ist Sem. Paper 1.1

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ms. Shashi
Class with sem :	Bsc Ist year (Ist sem)
Subject / Paper :-	Zoology Paper 1.1

Week	Topics
16-Oct	
18 Oct to 23 Oct	
25 Oct to 30 Oct	
1 Nov to 3 Nov	
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Introduction to Invertebrates General characters and biodiversity. Introduction to protozoa.
15 Nov to 20 Nov	General characters and classification of Protozoa, Biodiversity and economic importance.
22 Nov to 27 Nov	Type study of Plasmodium life history of Parasitic protozoans.
29 Nov to 4 Dec	life history and mode of infection of Parasitic protozoans: leishmania, Giardia.
06 Dec to 11 Dec	Introduction to porifera General characters and classification upto order level, Tyler study - Sycon.

13 Dec to 18 Dec	canal system in sponges spicules in sponges, unit Test.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Introduction to coelenterata. General characters and classification, Biodiversity and economic importance.
3 Jan to 8 Jan	Type study - obelia coral and coral reefs
10 Jan to 15 Jan	Polymorphism in siphonophores Revision and test.
17 Jan to 22 Jan	Introduction to helminthes General characters and classification.
24 Jan to 29 Jan	Biodiversity and economic importance Type study - fasciola Hepatica.
31 Jan to 5 Feb	Helminthe Parasites, life-history, mode of infection and pathogenicity of parasites
7 Feb to 12 Feb	life History of schistoma, Ancylostoma, Trichinella, wuchereria, oxyuris.
14 Feb to 19 Feb	Revision - Type study of obelia Unit test.
21 Feb to 26 Feb	Revision - Type study of protozoans, Polymorphism and coral reefs.
28 Feb to 5 March	Revision - Type study of Sycon. Unit Test
7 March to 8 March	Revision - Type study of plasmodium Unit test.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	MS. Shashi
Class with sem :	Bsc 1st Year (1st sem)
Subject / Paper :-	Zoology Paper 1.2

Week	Topics
16-Oct	
18 Oct to 23 Oct	
25 Oct to 30 Oct	
1 Nov to 3 Nov	
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	General characters and classification upto order level
15 Nov to 20 Nov	Type Study - Pheretima (Earthworm) Test and Revision.
22 Nov to 27 Nov	metamerism in Annelida Trochophore larva : Affinities revolutionary significance
29 Nov to 4 Dec	General characters and classification upto order level
06 Dec to 11 Dec	Type Study - Periplaneta Unit test

13 Dec to 18 Dec	General characters and classification upto order level Type study - Pila
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Type Study - Pila Revision and unit test.
3 Jan to 8 Jan	Torsion and detorsion in gastropoda General characters and classification
10 Jan to 15 Jan	Type study - Asteroidea (sea star) Echinoderm larvae
17 Jan to 22 Jan	General characters and classification of Phylum Hemichordata.
24 Jan to 29 Jan	Type Study - Balanoglossus Unit Test
31 Jan to 5 Feb	Revision - Type study of Annelida Unit Test.
7 Feb to 12 Feb	Revision - Type ^{study} of Periplaneta Unit test.
14 Feb to 19 Feb	Trochophore larva & Affinities, evolutionary significance. Revision.
21 Feb to 26 Feb	Revision - Type study of Pila Unit test.
28 Feb to 5 March	Revision - Torsion and detorsion in gastropods
7 March to 8 March	Revision - Type study of Balanoglossus

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ms Shashi
Class with sem :	B.Sc 1st year (1st Sem)
Subject / Paper :-	Practical (1.1 & 1.2)

Week	Topics
16-Oct	
18 Oct to 23 Oct	
25 Oct to 30 Oct	
1 Nov to 3 Nov	
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	showing specimen of Phylum - porifera and discuss their economic importance.
15 Nov to 20 Nov	Showing specimen of Phylum - ctenophora and discuss their economic importance
22 Nov to 27 Nov	showing specimen of phylum - platyhelminthes and economic importance.
29 Nov to 4 Dec	showing permanent slides of Phylum Protozoa, porifera.
06 Dec to 11 Dec	showing permanent slides of Phylum ctenophora.

Shashi

13 Dec to 18 Dec	showing permanent prepared slides of Phylum Platyhelminthes, Aschelminthes
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	showing permanent slides of Phylum Annelida.
3 Jan to 8 Jan	showing permanent slides of Phylum Arthropoda.
10 Jan to 15 Jan	showing permanent slides of phylum mollusca.
17 Jan to 22 Jan	showing permanent slides of phylum echinodermata, Hemichordata.
24 Jan to 29 Jan	showing specimen of Phylum Annelida and discuss their economic importance.
31 Jan to 5 Feb	showing specimen of Phylum Arthropoda and discuss their economic importance.
7 Feb to 12 Feb	showing specimen of Phylum mollusca and discuss their economic importance.
14 Feb to 19 Feb	showing specimen of Phylum echinodermata and discuss their economic importance.
21 Feb to 26 Feb	showing specimen of Phylum Hemichordata and discuss their economic importance.
28 Feb to 5 March	showing permanent stained preparation of Sycon, Hydra, Fasciola Hepatica, Ascaris and various ctenophora & platyhelminthes
7 March to 8 March	preparing temporary stained slides of ctenophora.

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Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	DR. RITIKA
Class with sem :	B.Sc 3rd Sem (2nd Year)
Subject / Paper :-	Computer Networks (3-1)

Week	Topics
16-Oct	Introduction to Computer Communication and Networking, Technologies Uses of Computer Network
18 Oct to 23 Oct	Network Architecture, Network Devices, Nodes and Host, Types of Computer Networks & Their technologies
25 Oct to 30 Oct	OSI Reference Model
1 Nov to 3 Nov	TCP/IP Reference Model
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Analog and Digital Communication: Concept of Data, Signal, channel
15 Nov to 20 Nov	Bit rate, Maximum Data rate of channel, Representation Data as Analog signals.
22 Nov to 27 Nov	Representation Data as Digital signal, Data rate and Bandwidth, Capacity, Band Rate Asynchronous and Synchronous Transmission
29 Nov to 4 Dec	Data Encoding Techniques, Modulation, Digital carrier system, Guided and wireless Transmission Media, Communication Satellite
06 Dec to 11 Dec	Switching and Multiplexing.

13 Dec to 18 Dec	Dial up Networking, Analog Modem, Concept.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Data link layer - Framing, Flow Control, Error Control.
3 Jan to 8 Jan	Error detection and Correction
10 Jan to 15 Jan	Media Access Control
17 Jan to 22 Jan	Random Access Control, Token Passing.
24 Jan to 29 Jan	Token passing Protocols; Token Ring
31 Jan to 5 Feb	Test and Revision
7 Feb to 12 Feb	Introduction to Ethernet
14 Feb to 19 Feb	Revision & Test
21 Feb to 26 Feb	FDDI, Wireless LAN, Network Layer and Routing concepts, Virtual Circuit and Datagram, Routing Algorithm - Flooding,
28 Feb to 5 March	Shortest Path Algorithm, Distance Vector Routing, Internetworking, Elements of Transport Layer, Addressing, Connection Establishment.
7 March to 8 March	Flow control, Buffering, Crash, Recovery, Internet Transport Layer, UDP, Real Time, Transport Protocol, Remote Procedure call, Application Layer, DNS, WWW, Email, Test.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr. Deepu Saini, Ms. Himanshi
Class with sem :	B.Sc 2nd Yr. (3rd Sem)
Subject / Paper :-	Object-oriented Design and c++ Paper 3.2

Week	Topics
16-Oct	Introduction to object, Class, Methods, Message Passing, Abstraction, Inheritance.
18 Oct to 23 Oct	Introduction to Polymorphism, Generosity overriding, Abstract Class, Method
25 Oct to 30 Oct	Generalisation, Aggregation, Association, Object Modeling Technique, Introduction to object Model
1 Nov to 3 Nov	Dynamic Model, Functional Model, Strengths & weakness of all Models, object oriented features
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Types in C++, Variables, operators, Flow Control, Recursion, Array, pointer and their Manipulation.
15 Nov to 20 Nov	String Structure, Class & objects, Data Hiding & Encapsulation Data Members and Member function
22 Nov to 27 Nov	Inline function, Static Data Member, Member function, Preprocessor Directives Namespace, Comparing with C++ and C.
29 Nov to 4 Dec	Member function, Preprocessor Directives Namespace, Revision & Test
06 Dec to 11 Dec	Introduction to Constructor & Destructor.

13 Dec to 18 Dec	Role and type of Constructor, Constructors Overloads, Role of Destructor
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Dynamic Memory Allocation, Pointers and their Manipulation, New and Delete operator.
3 Jan to 8 Jan	This pointer Console I/O Formatted and Unformatted I/O, Manipulators.
10 Jan to 15 Jan	Test PPT Presentation
17 Jan to 22 Jan	Compile time polymorphism Unary and Binary operators. Overloading through Member functions.
24 Jan to 29 Jan	Friend function, Function overloading, Virtual Function, inheritance, Types of Derivations.
31 Jan to 5 Feb	Forms of Inheritance, Role of Constructors
7 Feb to 12 Feb	Destructor
14 Feb to 19 Feb	Revision 1 st & 2 nd Unit
21 Feb to 26 Feb	Types of Inheritance
28 Feb to 5 March	Revision 3 rd and 4 th Unit
7 March to 8 March	Revision & Test

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dx. RITIKA	PR
Class with sem :	B.Sc 2nd Year (3 rd Sem)	
Subject / Paper :-	Object Oriented Design and c++	

Week	Topics
16-Oct	C++ Introduction, write a Program to find sum of two numbers.
18 Oct to 23 Oct	Write a program to find sum of implement a class.
25 Oct to 30 Oct	Program of Constructors
1 Nov to 3 Nov	Program of Copy Constructor, Default Constructor
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Program of Destructor
15 Nov to 20 Nov	Program of Single Inheritance
22 Nov to 27 Nov	Program of Multiple, Multilevel Inheritance
29 Nov to 4 Dec	Program to illustrate the Concept of Virtual function
06 Dec to 11 Dec	Program to illustrate the Concept of Static Member.

13 Dec to 18 Dec	Program to illustrate the concept of Static Member function
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Program to illustrate the concept of friend function
3 Jan to 8 Jan	Program to illustrate the concept of Virtual function
10 Jan to 15 Jan	Write a program to illustrate Delete operator
17 Jan to 22 Jan	Write a program to illustrate New operator
24 Jan to 29 Jan	Write a Program to illustrate Overloading
31 Jan to 5 Feb	Write a Program to illustrate Function overloading
7 Feb to 12 Feb	Write a Program to illustrate Operator overloading
14 Feb to 19 Feb	Write a Program to illustrate Virtual Base Class
21 Feb to 26 Feb	Write a Program to illustrate Hybrid Inheritance
28 Feb to 5 March	Implementation Test & Revision
7 March to 8 March	Practical Revision

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Dr. Kumari Sangita
Class with sem :	B.Sc II (Sem-III) ^{Sec-I, II, III} (2 day per week each section)
Subject / Paper :-	Inorganic Chemistry (Paper - I)

Week	Topics
16-Oct	—
18 Oct to 23 Oct	—
25 Oct to 30 Oct	—
1 Nov to 3 Nov	—
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Chemistry of Elements of 1st transition series: Definition of transition elements; position in the Periodic table
15 Nov to 20 Nov	General characteristics & properties of 1st transition elements.
22 Nov to 27 Nov	Structure & properties of some compounds of transition elements - TiO_2 , $VOCl_2$, $FeCl_2$, $CuCl_2$ and $Ni(CO)_4$
29 Nov to 4 Dec	Chemistry of Elements of II nd & III rd transition series: General characteristics and properties of the II nd & III rd transition elements.
06 Dec to 11 Dec	Comparison of properties of 3d elements with 4d & 5d elements with reference only to ionic radii, oxidation state

13 Dec to 18 Dec	Comparison of properties of 3d elements with 4d & 5d elements with reference only to magnetic and Spectral properties and stereochemistry
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Test of Chemistry of Elements of II nd & III rd -transition series
3 Jan to 8 Jan	Coordination Compounds Werner's coordination theory, effective atomic number concept, Chelates,
10 Jan to 15 Jan	Nomenclature of coordination compounds, isomerism in coordination compounds,
17 Jan to 22 Jan	Valance bond theory of transition metal complexes
24 Jan to 29 Jan	Assignment on Co-ordination chemistry
31 Jan to 5 Feb	Non-aqueous solvents: physical properties of a solvent, types of solvents
7 Feb to 12 Feb	Non-aqueous solvent and their general characteristics,
14 Feb to 19 Feb	Reactions in non-aqueous solvents with reference to liquid NH ₃ and liquid SO ₂
21 Feb to 26 Feb	Presentation on Non-aqueous solvents
28 Feb to 5 March	Complete Revision of full Syllabus
7 March to 8 March	Complete Revision of full Syllabus

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ms. Pooja Sharma
Class with sem :	B.Sc II nd year (3 rd sem)
Subject / Paper :-	Paper - II (Physical chemistry) (2 days per week per section)

Week	Topics
16-Oct	Thermodynamics - I Definition of Thermodynamic terms: System, surrounding etc.
18 Oct to 23 Oct	Types of systems, intensive and extensive properties, state and path functions and their differentials.
25 Oct to 30 Oct	Thermodynamic process: Concept heat and work. Zeroth law of thermodynamics
1 Nov to 3 Nov	First law of thermodynamics: statement, definition of internal energy and Enthalpy. Heat capacity.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Heat capacities at constant volume and pressure and their relationship. Joule's law, Joule Thomson for ideal gas and real gas and inversion temperature
15 Nov to 20 Nov	Thermodynamics - II Calculation of w, q, dU and dH for the expansion of ideal gases under adiabatic conditions for reversible process.
22 Nov to 27 Nov	Calculation of w, q, dU and dH for the expansion of ideal gas under isothermal conditions for reversible process.
29 Nov to 4 Dec	Temperature dependence of equilibrium constant Kirchoff's equation, bond energies and applications of bond energies.
06 Dec to 11 Dec	Test of thermodynamics. Unit III: Chemical Equilibrium Equilibrium constant and free energy, concept of chemical potential.

13 Dec to 18 Dec	Thermodynamic derivation of law of chemical equilibrium, Temperature dependence of equilibrium constant.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Von't Hoff reaction isochore, Von't Hoff reaction isotherm. Le-Chatelier's principle and its application
3 Jan to 8 Jan	Clapeyron equation and Clausius-Clapeyron equation and its applications. Assignment on chemical equilibrium.
10 Jan to 15 Jan	Unit IV: Distribution Law Nernst distribution law - its thermodynamic derivation Modification of distribution law when solute undergoes dissociation, association and chemical combination
17 Jan to 22 Jan	Applications of distribution law: (i) Determination of degree of hydrolysis and hydrolysis constant of aniline hydrochloride.
24 Jan to 29 Jan	(ii) Determination of equilibrium constant of potassium tri-iodide complex and process of extraction.
31 Jan to 5 Feb	Revision of unit I
7 Feb to 12 Feb	Revision of unit II
14 Feb to 19 Feb	Revision of unit III
21 Feb to 26 Feb	Revision of unit IV
28 Feb to 5 March	Revision of complete syllabus
7 March to 8 March	Revision of complete syllabus

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Mrs. Kalpana Anand
Class with sem :	B. Sc. 2nd year (3rd sem.) Sec - 2, B, D (2 days per week each section)
Subject / Paper :-	Organic Chemistry (Paper-III)

Week	Topics
16-Oct	
18 Oct to 23 Oct	<u>Alcohols</u> : monohydric alcohols nomenclature, methods of formation by reduction of aldehydes, ketenes, carboxylic acids and esters.
25 Oct to 30 Oct	Hydrogen bonding, Acidic nature, Reactions of alcohols, Dihydric alcohols - nomenclature, methods of formation
1 Nov to 3 Nov	Chemical reactions of vicinal glycols, Oxidative cleavage [$\text{Pb}(\text{OAc})_2$ and HIO_4] and pinacol-pinacolone rearrangement
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	<u>Epoxides</u> - synthesis of epoxides, Acid and Base-catalyzed ring opening of epoxides.
15 Nov to 20 Nov	Orientation of epoxide ring opening, reactions of Grignard and organolithium reagents with epoxides. Problems and test of Alcohols and Epoxides.
22 Nov to 27 Nov	<u>Phenols</u> : Nomenclature, structure and bonding. Preparation of phenols, Physical properties and acidic character.
29 Nov to 4 Dec	Comparative acidic strengths of alcohols and phenols, resonance stabilization of phenoxide ion. Reactions of Phenols - electrophilic aromatic substitution.
06 Dec to 11 Dec	Mechanism of Fries rearrangement, Claisen rearrangement, Reimer-Tiemann reaction, Kolbe's reaction and Schotten-Baumann reaction. Problems and test of phenols.

13 Dec to 18 Dec	UV absorption spectroscopy - Absorption law, Beer-Lambert law, molar absorptivity, presentation and analysis of UV spectra, types of electronic transitions, effect of conjugation.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Concept of chromophore and auxochrome. Bathochromic, hypsochromic, hyperchromic and hypochromic shifts. UV spectra of conjugated dienes and enones.
3 Jan to 8 Jan	Woodward-Fieser rules, Calculation λ_{max} of simple conjugated dienes and α, β -unsaturated ketones.
10 Jan to 15 Jan	Applications of UV spectroscopy in structure elucidation simple organic compounds. Problems and text of UV absorption spectroscopy.
17 Jan to 22 Jan	Carboxylic Acids & Acid Derivatives: Nomenclature of carboxylic acids, structure and bonding, physical properties, acidity of carboxylic acids, effects of substitution on acid strength.
24 Jan to 29 Jan	Preparation of carboxylic acids. Reactions of carboxylic acids. Hell-Volhard-Zelinsky reactions. Reduction of carboxylic acids.
31 Jan to 5 Feb	Mechanism of decarboxylation. Structure, nomenclature and preparation of acid chlorides, esters, amides and acid anhydrides. Relative stability of acyl derivatives.
7 Feb to 12 Feb	Physical properties, interconversion of acid derivatives by nucleophilic acyl substitution. Mechanism of esterification and hydrolysis (acidic and basic).
14 Feb to 19 Feb	Presentation and Revision of full syllabus
21 Feb to 26 Feb	Presentation and Revision of full syllabus
28 Feb to 5 March	Revision of full syllabus
7 March to 8 March	Revision of full syllabus

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ms. Rachna Ahuja, Ms. Pooja Sharma, Dr. Kumari Sangita, Dr. Ritika Chaudhary
Class with sem :	B.Sc 2nd year (2nd Sem)
Subject / Paper :-	Practical / Paper - III / CH-304, Groups: Group I to VIII (2 days per week per group)

Week	Topics
16-Oct	Organic Systematic Identification of organic compounds
18 Oct to 23 Oct	(Mono and bifunction group) compound given: Urea
25 Oct to 30 Oct	Detection of extra elements in given organic compounds. Thiourea, naphthol (alpha, beta), Benzyl chloride, Benzoic Acid, Cinnamic acid
1 Nov to 3 Nov	Identification of functional group in given organic compounds: oxalic acid, Naphthalene, anthracene, Benzoic acid.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Systematic Identification (detection of extra elements, Functional group, melting and boiling point and preparation of solid derivatives of mono and bifunctional organic compounds.
15 Nov to 20 Nov	Systematic Identification of organic compound: Resorcinol, Benzophenone, Valine, Benzamide
22 Nov to 27 Nov	Systematic Identification of organic compound; Glucose, Fructose, Phthalic acid
29 Nov to 4 Dec	-do-
06 Dec to 11 Dec	-do-

13 Dec to 18 Dec	- do -
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Inorganic Gravimetric analysis: Quantitative estimation Cu(II) as Copper thiocyanate
3 Jan to 8 Jan	- do -
10 Jan to 15 Jan	Quantitative estimation of Ni(II) as Ni-dimethyl glyoxime
17 Jan to 22 Jan	- do -
24 Jan to 29 Jan	Identification of organic compounds
31 Jan to 5 Feb	- do -
7 Feb to 12 Feb	Revision
14 Feb to 19 Feb	Revision
21 Feb to 26 Feb	Revision
28 Feb to 5 March	Mock Test
7 March to 8 March	Mock Test

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Dr. - Golu Vashistha
Class with sem :	2nd year (3rd sem) (Sec 1 & 2)
Subject / Paper :-	Computer programming and thermodynamics (theory and practical)

Week	Topics
16-Oct	Introduction, Computer programming computer organization, Binary representation, intro of spectrometer, Algorithm development, practical de.
18 Oct to 23 Oct	Flow charts and their interpretation, telescope, viva copy, FORTRAN preliminaries: integer and floating point arithmetic expression.
25 Oct to 30 Oct	built in function, Discussion of sodium lamp, executable and non-executable statements.
1 Nov to 3 Nov	Input and output statements, formats, I F Mercury lamp, Do and goto statements and problem solved
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Photometer, problems taken and Dimension array, Transistor.
15 Nov to 20 Nov	statement function and function subprogram, CB transistor, Unit test 1 and intro of thermodynamics (E transistor).
22 Nov to 27 Nov	Zeroth law of thermodynamics, Carnot Engine, Carnot theorem, Absolute zero, SEXTANT
29 Nov to 4 Dec	Second law of thermodynamics & its significance, Joule's free expansion, SEXTANT viva
06 Dec to 11 Dec	air pollution, Joule Thomson effect, Joule Thomson (porous plug) experiment, Conclusion and explanation

13 Dec to 18 Dec	analytical treatment of Joule thomson effect. Area of window, Unit test-2, Entropy.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Calculation of entropy of reversible and irreversible process, T-s diagram
3 Jan to 8 Jan	Refractive index entropy of a perfect gas, Neonst heat law (third law of thermodynamics)
10 Jan to 15 Jan	Liquefaction factor, Liquefaction of gases (O_2 , air, hydrogen and helium).
17 Jan to 22 Jan	Numericals, calcite prism, electronic voltmeter problems.
24 Jan to 29 Jan	theory do, dispersive power, Thermodynamics -II intro.
31 Jan to 5 Feb	Derivation of clausius - Dapeyron $\frac{dP}{dT}$, resolving power of telescope, unit test-3
7 Feb to 12 Feb	Clausius latent heat eq ⁿ & their significance, specific heat of saturated vapours, phase diagram & triple pt of substance
14 Feb to 19 Feb	development of Maxwell thermodynamical relations, thermodynamical functions.
21 Feb to 26 Feb	App. of Maxwell relation rel ⁿ b/w two specific heats of gas.
28 Feb to 5 March	
7 March to 8 March	

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	MS. Sujata
Class with sem :	2nd Year (3rd Sem) (T-)
Subject / Paper :-	Wave & optics I

Week	Topics
16-Oct	Vibration & string in transverse systems superposition of waves.
18 Oct to 23 Oct	Fourier theorem & fourier series, evaluation of fourier coefficient, importance & limitations of fourier theorem.
25 Oct to 30 Oct	even & odd function, fourier series of function $f(x)$ b/w (i) 0 to 2π (ii) $-\pi$ to π .
1 Nov to 3 Nov	Fourier series of functions $f(x)$ b/w (i) 0 to 2π (ii) $-\pi$ to π (iii) 0 to π , (iv) $-\pi$ to π , complex form of fourier series.
4 Nov to 7 Nov	Vibration , Application of Diwali Vacation
8 Nov to 13 Nov	revision Application of fourier theorem for analysis of complex waves: soln of triangular waves.
15 Nov to 20 Nov	soln of rectangular waves, half & full waves rectifier outputs.
22 Nov to 27 Nov	Parseval identity for fourier series, fourier integrals.
29 Nov to 4 Dec	revision, unit test 1, fourier transform & its properties, application of fourier transform.
06 Dec to 11 Dec	ij for evaluation of integrals ij for soln of ordinary differential eqn (iii) to the following function (i) $f(x) = e^{ax}$ (ii) $f(x) = 0$ for $x > 0$

13 Dec to 18 Dec	Matrix methods in paraxial optics / effects of translation & retractions,
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	derivation of thin lens & thick lens formula Unit Plane, nodal planes, system of thin lenses.
3 Jan to 8 Jan	Unit test 2, revision. Chromatic, spherical, coma, astigmatism.
10 Jan to 15 Jan	distortion aberration & their remedies interference by Division of wave front: Young's double slit experiment.
17 Jan to 22 Jan	Coherence, condition of interference, Fresnel's biprism & its application to determine the wavelength of light.
24 Jan to 29 Jan	Thickness of a mica sheet, Lloyd's mirror. Difference b/w biprism & Lloyd mirror fringes, revision.
31 Jan to 5 Feb	Unit test-2, Revision of unit-1 Phase change on Reflection, revision of Unit-2
7 Feb to 12 Feb	Thickness of a mica sheet, Lloyd's mirror
14 Feb to 19 Feb	Difference b/w biprism & Lloyd mirror fringes, revision.
21 Feb to 26 Feb	revision, Unit test-3
28 Feb to 5 March	revision & problems. Discussion.
7 March to 8 March	Revision of Unit-1, 2, 3

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ms. Sonu Sharma
Class with sem :	Bsc 2nd year, 3rd Sem
Subject / Paper :-	Botany / 3.1 (Biology & Diversity of seed plants)

Week	Topics
16-Oct	General characters of Gymnosperms.
18 Oct to 23 Oct	origin and evolution of Gymnosperms and introduction of Geological Time - Table.
25 Oct to 30 Oct	Geological Time - Table, Evolution of seed-habit.
1 Nov to 3 Nov	Ridger and Melchior's system of classification, Introduction of Palaeobotany.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	fossils and fossilization, process and types of fossils.
15 Nov to 20 Nov	importance of fossils, Reconstruction of fossil Gymnosperms <i>Lyginopteris</i> and <i>Williamsonia</i> .
22 Nov to 27 Nov	Reconstruction of Cycadeoidea, Introduction of cycas.
29 Nov to 4 Dec	Morphology of cycas root, stem, leaf / leaflet.
06 Dec to 11 Dec	Anatomy of Root, stem, leaf/ leaflet, rachis of cycas.

13 Dec to 18 Dec	Reproduction (reproductive parts and mode of reproduction) & life cycle of cycas.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Economic Importance of cycas, Morphology of Pinus roots, stem, leaf / leaflets.
3 Jan to 8 Jan	Anatomy of root, stem, leaf / needle of Pinus.
10 Jan to 15 Jan	Reproduction (reproductive parts and mode of reproduction) of Pinus.
17 Jan to 22 Jan	Life - cycle of Pinus & Economic Importance of Pinus.
24 Jan to 29 Jan	Morphology and Anatomy of root, stem, leaf of Ephedra.
31 Jan to 5 Feb	Reproduction (reproductive parts & mode of reproduction), life cycle & Economic Importance of Ephedra.
7 Feb to 12 Feb	Economic Importance of Gymnosperms, General characters, origin and evolution of Angiosperms.
14 Feb to 19 Feb	Revision + Doubt class of Unit I + II
21 Feb to 26 Feb	Test of unit I + II. Revision
28 Feb to 5 March	Revision + Doubt class of unit III + IV + Exam Instructions
7 March to 8 March	Test of unit III + IV. full syllabus test + full syllabus test.

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ms. Sonu Sharma
Class with sem :	BSc 2nd year, 3rd Sem
Subject / Paper :-	Botany / 3.2 (Plant Anatomy)

Week	Topics
16-Oct	Introduction of Plant tissues and their types.
18 Oct to 23 Oct	Meristematic tissues and their types, types of simple permanent tissues (introduction).
25 Oct to 30 Oct	Various types of simple permanent tissues with example, xylem (complex permanent tissue).
1 Nov to 3 Nov	Phloem, shoot apical meristem and its histological organisations, introduction of cambium.
4 Nov to 7 Nov	- Diwali Vacation
8 Nov to 13 Nov	Cambium - its structure and functions, secondary growth in dicot stems, characteristics of growth rings.
15 Nov to 20 Nov	Sap wood and heart wood, periderm, introduction of Anomalous secondary growth.
22 Nov to 27 Nov	Anomalous secondary growth in Dracaena, Boerhaavia & Achyranthes.
29 Nov to 4 Dec	Introduction of parts of leaf, Types of leaves (simple and compound) and their functions.
06 Dec to 11 Dec	Phyllotaxy, Epidermis - uniseriate and multiseriate, epidermal appendages & Morphological types.

13 Dec to 18 Dec	Anatomy of Typical Monocot and Dicot leaf and cell inclusions in leaves & leaf abscission.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Stomatal apparatus & their morphological types. Root apical meristem & its histological organisation
3 Jan to 8 Jan	Secondary growth in dicot root & introduction of structural modifications.
10 Jan to 15 Jan	Structural modifications in storage (Beta), Respiratory (Rhizophora) root
17 Jan to 22 Jan	Structural modifications in epiphytic (Vanda) root.
24 Jan to 29 Jan	Revision of unit I + Doubt classes + oral test / seminars
31 Jan to 5 Feb	Revision of unit II + Doubt classes + oral test / seminars
7 Feb to 12 Feb	Revision of unit III + Doubt classes + oral test / seminars
14 Feb to 19 Feb	Revision of unit IV + Doubt classes + oral test / seminars
21 Feb to 26 Feb	Full syllabus test / seminars
28 Feb to 5 March	Doubt classes + seminars
7 March to 8 March	Revision + Exam Instructions

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ms. Sonu Sharma
Class with sem :	Bsc 2nd year / 3rd sem
Subject / Paper :-	Botany / Practical

Week	Topics
16-Oct	To cut the T.S. of normal root & coralloid root of cycas with a morphological note on it.
18 Oct to 23 Oct	To cut the 1° growth in normal root, T.S. of young stem, T.S. of old stem of cycas.
25 Oct to 30 Oct	T.S. of Rachis, leaflet, male cone & megasporophyll of cycas
1 Nov to 3 Nov	L.S. of mature ovule and seed of cycas, T.S. of young root & root showing 2° growth in Pinus.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	T.S. of young stem, old stem showing 2° growth in Pinus
15 Nov to 20 Nov	TLS & RLS of Pinus stem & T.S. of needle.
22 Nov to 27 Nov	L.S. of male cone, female cone of Pinus.
29 Nov to 4 Dec	L.S. of mature ovule, L.S. of seed of Pinus, T.S. of root of Ephedra.
06 Dec to 11 Dec	T.S. of stem (young), old stem showing 2° growth, T.S. of leaf of Ephedra.

13 Dec to 18 Dec	L.S. of microsporophyll, female strobili, L.S. of ovule showing female gametophyte (Ephedra)
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	L.S. of seed of Ephedra, to study parenchyma, collenchyma, sclerenchyma Aerenchyma from permanent slides.
3 Jan to 8 Jan	online class Revision + viva-voce
10 Jan to 15 Jan	
17 Jan to 22 Jan	
24 Jan to 29 Jan	
31 Jan to 5 Feb	
7 Feb to 12 Feb	To study α growth in dicot stem & dicot root, monocot leaf & dicot leaf from permanent slides.
14 Feb to 19 Feb	To cut the T.S. of Dracaena & Achyranthes and study the anomalous growth.
21 Feb to 26 Feb	To cut the T.S. of Boscia and study the anomalous growth.
28 Feb to 5 March	Revision (slides)
7 March to 8 March	Revision (slides)

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	MS. ANJU RANI
Class with sem :	B.Sc. II (III Semester)
Subject / Paper :-	Advanced Calculus

Week	Topics
16-Oct	CHAPTER-1 (Introduction) Ex. 1.1 & 1.2, do exercise
18 Oct to 23 Oct	Exercise 1.2 (examples & related problems), CHAPTER-2 (Introduction)
25 Oct to 30 Oct	Exercise 2.1 (Examples) Ex-2.2 with examples Ex-2.3 and 2.4 with examples and problems
1 Nov to 3 Nov	Ex-2.5 (Examples and problems) CHAPTER-3 Ex-3.1, 3.2, 3.3 Examples
4 Nov to 7 Nov	Problems with Examples Diwali Vacation
8 Nov to 13 Nov	Test CHAPTER-I, CHAPTER-4 Ex-4.1, 4.2 Exercise's problems and Test CHAPTER-2
15 Nov to 20 Nov	CHAPTER 5 Exercise 5.1 & 5.2 & 5.3 Test CHAPTER-3
22 Nov to 27 Nov	Exercise 5.4 related problems and revision of chapter 5
29 Nov to 4 Dec	Test chapter-4 & 5 Revision of chapter (1) and (2)
06 Dec to 11 Dec	CHAPTER-6 Exercise 6.1 & Examples Problems Revision of chapter (3)

13 Dec to 18 Dec	CHAPTER-7 Exercise - 7.1 & 7.2 Examples and Problems
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	CHAPTER-8 Exercise - 8.1, 8.2, 8.3 & 8.4 Problems Test - (7) CHAPTER
3 Jan to 8 Jan	Chapter 8 (Assignment) 8.5, Problems Test - Chapter (8) CHAPTER-9 Ex-9.1
10 Jan to 15 Jan	CHAPTER-10 Ex-10.1 and Problems Test - Chapter 10
17 Jan to 22 Jan	Revision - 8 and 9 chapters and Problems
24 Jan to 29 Jan	CHAPTER-11 Exercise - 11.1, 11.2 Examples and Problems
31 Jan to 5 Feb	taking doubts and test
7 Feb to 12 Feb	Revision of chapter - 1, 2 and 3 and test
14 Feb to 19 Feb	Revision of chapter - 4, 5 and 6 and Test
21 Feb to 26 Feb	Revision of chapters - 7, 8 and 9 and Test
28 Feb to 5 March	Revision of chapter - 10 and 11 and Test
7 March to 8 March	taking problems

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	डॉ. इन्दु शर्मा, डॉ. ममता
Class with sem :	बी.एस.सी - II, दुबई रजिस्ट्रार
Subject / Paper :-	हिन्दी / आठ अर्वाचीन कवि

Week	Topics
16-Oct	पाठ्यक्रम परिचय
18 Oct to 23 Oct	भारतेंद्र हरिश्चन्द्र - काव्य परिचय, काव्य-आरम्भ
25 Oct to 30 Oct	सरकारी पत्र लेखन, निबंध - नैतिक शिक्षा
1 Nov to 3 Nov	वैज्ञानिक शब्दावली - 25 शब्द, निबंध - मानवाधिकार
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	मैथिलीशरणा गुप्त - काव्य परिचय काव्य - आरम्भ
15 Nov to 20 Nov	माखनलाल चतुर्वेदी - काव्य परिचय काव्य - आरम्भ
22 Nov to 27 Nov	वैज्ञानिक शब्दावली - 25 शब्द निबंध - मध्य निबंध
29 Nov to 4 Dec	सूर्यकांत त्रिपाठी 'निराला' - काव्य परिचय काव्य - आरम्भ
06 Dec to 11 Dec	अर्द्ध सरकारी पत्र लेखन निबंध - विज्ञान और औद्योगिकीकरण

13 Dec to 18 Dec	पुनरावृत्ति, पठित पाठ्यक्रम की कक्षा-परीक्षा
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	महादेवी वर्मा - काव्य परिचय काविता - व्याख्या
3 Jan to 8 Jan	तार लेखन, निबंध - वैज्ञानिक प्रगति में भारत का योगदान
10 Jan to 15 Jan	रामचारी सिंह दिनकर - काव्य परिचय काविता - व्याख्या
17 Jan to 22 Jan	पुनरावृत्ति - सरकारी पत्र, अर्द्ध सरकारी पत्र तार लेखन
24 Jan to 29 Jan	हरिवंश राघव बच्चन - काव्य परिचय काविता - व्याख्या
31 Jan to 5 Feb	निबंध - वैश्वीकरण और विज्ञान पुनरावृत्ति - वैज्ञानिक शब्दावली
7 Feb to 12 Feb	पुनरावृत्ति - प्रथम तीन काव्य
14 Feb to 19 Feb	पुनरावृत्ति - प्रथम तीन निबंध
21 Feb to 26 Feb	दुर्भंत कुमार - काव्य परिचय काविता - व्याख्या
28 Feb to 5 March	निबंध - दूरदर्शन, समाचार पत्रों का महत्व
7 March to 8 March	पूर्ण पाठ्यक्रम की पुनरावृत्ति

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ms. CHANANDA SHARMA
Class with sem :	B.Sc. 2nd year, 3rd Semester
Subject / Paper :-	STATICS (MATH)

Week	Topics
16-Oct	Some definitions related to Statics, Forces acting at a point, completion of Ex. 1.1 and 1.2
18 Oct to 23 Oct	Triangle law of forces, Lami's theorem, Polygon law of forces, Completion of examples and exercise 1.3, 1.4 and 1.5
25 Oct to 30 Oct	Conditions of Equilibrium of Concurrent forces, Completing Chapter 1, Parallel Forces and Completion of Chapter 2
1 Nov to 3 Nov	Revision and test of Chapter 1 and 2, Definition of Moments, Varignon's theorem, Ex. 3.1 and 3.2
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Centre of a number of parallel forces, completion of Chapter 3, Definition of couples, theorem and examples of Chapter 4 and completion of Ch. 4
15 Nov to 20 Nov	Analytical conditions of equilibrium of Co-planar forces, completing Ex. 5.1 and 5.2. Introduction to friction.
22 Nov to 27 Nov	Assignment on law of forces. Test of Chapter 4. Completion of examples and exercise 6.1.
29 Nov to 4 Dec	Problems on equilibrium of rods and ladders, Completion of Chapter 6. Introduction to centre of Gravity
06 Dec to 11 Dec	Completion of Exercise, theorems and examples of Chapter 7. Revision of Unit 1 and 2.

13 Dec to 18 Dec	Introduction to virtual work, Exercises and examples of Ex. 8.1. Test of Unit 2
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Test of unit 1 and 2. Introduction of forces in three dimensions, Important theorems of Chapter 9.
3 Jan to 8 Jan	Theorems, Examples and Exercise of Chapter 9
10 Jan to 15 Jan	Test and Revision of Chapter 9. Wrenches, theorems of wrenches and examples of Ch. 10
17 Jan to 22 Jan	Completion of Chapter 10, Null lines and null planes.
24 Jan to 29 Jan	Assignment on wrenches, Theorems, examples and exercise of Chapter 11.
31 Jan to 5 Feb	Test and Revision of Chapter 10 and 11. Stable, unstable and neutral equilibrium
7 Feb to 12 Feb	Definitions, examples and exercise 12.1. Test of Chapter 12
14 Feb to 19 Feb	Test and Revision of Unit 3.
21 Feb to 26 Feb	Test and Revision of Unit 4
28 Feb to 5 March	Doubts, test and Revision of Unit 3 and 4.
7 March to 8 March	Test and Revision of whole syllabus.

**UG - LESSON PLAN FOR THE SESSION 2021-22
FROM OCT 2021 TO MAR 2022**

Lecturer :	Dr. Suman, Assistant Professor in Sanskrit
Class with Sem. :	B.Sc. 3rd Semester
Subject:	Sanskrit Compulsory
Lesson Plan for 22 Week (Oct 2021 to March 2022)	

Week	Topics
16-Oct	संस्कृत-व्ययनिका परिचय,
18 Oct to 23 Oct	संस्कृत-व्ययनिका - पद्य-भाग - पाठ 1 ; शब्दरूप - बालक
25 Oct to 30 Oct	संस्कृत-व्ययनिका -पद्य-भाग - पाठ 2 ; शब्दरूप - कवि
1 Nov to 3 Nov	संस्कृत-व्ययनिका -पद्य-भाग - पाठ 3 ; शब्दरूप - साधु
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	संस्कृत-व्ययनिका -पद्य-भाग - पाठ 4 ; शब्दरूप - फल
15 Nov to 20 Nov	संस्कृत-व्ययनिका -पद्य-भाग - पाठ 5 ; शब्दरूप - मातृ
22 Nov to 27 Nov	संस्कृत-व्ययनिका -पद्य-भाग - पाठ 6 ; शब्दरूप - पितृ
29 Nov to 4 Dec	संस्कृत-व्ययनिका गद्य-भाग - पाठ 1 ; शब्दरूप - सर्व
06 Dec to 11 Dec	संस्कृत-व्ययनिका गद्य-भाग - पाठ 2 ; धातुरूप - भू
13 Dec to 18 Dec	संस्कृत-व्ययनिका गद्य-भाग - पाठ 3 ; धातुरूप - अस्
19 Dec to 26 Dec	Winter Vacation
27 Dec to 1 Jan	संस्कृत-व्ययनिका गद्य-भाग - पाठ 4 ; धातुरूप - यद्
3 Jan to 8 Jan	संस्कृत-व्ययनिका गद्य-भाग - पाठ 5 ; धातुरूप - गम्
10 Jan to 15 Jan	स्वर सन्धिः ; धातुरूप - पठ्
17 Jan to 22 Jan	स्वर सन्धिः ; धातुरूप - स्था
24 Jan to 29 Jan	स्वर सन्धिः
31 Jan to 5 Feb	व्यञ्जन सन्धिः
7 Feb to 12 Feb	विसर्ग सन्धिः
14 Feb to 19 Feb	REVISION AND TEST/ASSIGNMENT
21 Feb to 26 Feb	REVISION AND TEST/ASSIGNMENT
28 Feb to 5 March	REVISION AND TEST/ASSIGNMENT
7 March to 8 March	REVISION AND TEST/ASSIGNMENT

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ms. Neha
Class with sem :	Bsc IIrd Sem (3rd Sem)
Subject / Paper :-	Zoology Paper 3.1

Week	Topics
16-Oct	Introduction to chordates origin & evolutionary tree
18 Oct to 23 Oct	Role of amnion in evolution features of chordates, morphology of types, Biodiversity and economic importance.
25 Oct to 30 Oct	General characters and classification of Protochordates, Economic importance & conservation measures, Urochordata Introduction.
1 Nov to 3 Nov	Urochordata: systemic position, distribution, ecology, morphology and affinities
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Heridmania - type study, Introduction to cephalochordates unit test.
15 Nov to 20 Nov	Amphioxus - type study Revision and unit test.
22 Nov to 27 Nov	General characters and classification of cyclosto- mes, Biodiversity and economic importance of cyclostomes
29 Nov to 4 Dec	cyclostomes: classification and its signifi- -cance, type study of petromyzon
06 Dec to 11 Dec	Petromyzon: Type study.

13 Dec to 18 Dec	Unit test Introduction to Pisces.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	General characters and classification of Pisces. Unit Test.
3 Jan to 8 Jan	Economic importance and conservation measures. Scales, fin in Pisces
10 Jan to 15 Jan	Parental care in fishes fish migration
17 Jan to 22 Jan	Type study of Labeo Unit test.
24 Jan to 29 Jan	Labeo : type study Revision and Test.
31 Jan to 5 Feb	Herdmania : Type study Revision and test.
7 Feb to 12 Feb	Origin and evolutionary tree of chordates Role of Amnion in evolution.
14 Feb to 19 Feb	Revision : Amphioxus type study Test
21 Feb to 26 Feb	Revision : Petromyzon type study Test
28 Feb to 5 March	Revision : Labeo type study
7 March to 8 March	Revision : Herdmania Type study.

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ms. Neha
Class with sem :	Bsc Ind (III rd Sem)
Subject / Paper :-	Zoology Paper 3.2

Week	Topics
16-Oct	Introduction to Biochemistry Introduction to carbohydrates
18 Oct to 23 Oct	classification, structure, function and general properties of carbohydrates
25 Oct to 30 Oct	classification, structure, function and general properties of lipids.
1 Nov to 3 Nov	Introduction to proteins classification, structure, function and properties of protein.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Nomenclature, classification and mechanism of enzyme action. Unit test
15 Nov to 20 Nov	Transport through Biomembranes, Buffers Test and Revision.
22 Nov to 27 Nov	Nutritional component, carbohydrates, fats, lipids,
29 Nov to 4 Dec	vitamins, and minerals, type of nutrition and feeding.
06 Dec to 11 Dec	Digestion of lipids and protein test.

13 Dec to 18 Dec	Digestion of carbohydrates and Nucleic acid, symbiotic digestion.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Absorption and assimilation of Nutrients, control of Enzyme secretion.
3 Jan to 8 Jan	Introduction to muscles, type of muscles, ultra-structure of skeletal muscle.
10 Jan to 15 Jan	Bio-chemical and Physical events during muscle contraction. single muscle twitch & tetanus.
17 Jan to 22 Jan	Muscle fatigue, muscle twitch, oxygen debt, Cori's cycle, Test.
24 Jan to 29 Jan	Physical and functional properties of muscle, single unit smooth muscle.
31 Jan to 5 Feb	Introduction to bones, classification of bones, structure and types of bones, Bone growth and resorption.
7 Feb to 12 Feb	Effect of ageing on skeletal system Bone disorders.
14 Feb to 19 Feb	Revision of carbohydrates Test.
21 Feb to 26 Feb	Revision of lipids, protein and enzymes Test.
28 Feb to 5 March	Revision: Transport through biomembranes Buffers, Test.
7 March to 8 March	Revision: Nutrition, Digestion, absorption and assimilation, Test.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Mrs. Neha.
Class with sem :	B.Sc II (Third Sem.)
Subject / Paper :-	Zoology Practical (Paper 3.3)

Week	Topics
16-Oct	Specimens Identification Protochordates.
18 Oct to 23 Oct	Specimen Identification of Cyclostomes & Chondrichthyes.
25 Oct to 30 Oct	Osteichthyes Specimen Identification
1 Nov to 3 Nov	Skeleton of Scyliodon " " Labeo.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Study of permanent Slides.
15 Nov to 20 Nov	Study of Diff. Systems of Herdmanic
22 Nov to 27 Nov	Study of Diff. Systems of Labeo.
29 Nov to 4 Dec	Slides Preparation.
06 Dec to 11 Dec	Project Report.

13 Dec to 18 Dec	Migration of fish & ornamental fish study
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Revision of specimens.
3 Jan to 8 Jan	Revision of specimens.
10 Jan to 15 Jan	Test of specimens.
17 Jan to 22 Jan	Revision of skeleton. Test " "
24 Jan to 29 Jan	P. Slides Revision. Test
31 Jan to 5 Feb	Excursion report making
7 Feb to 12 Feb	Revision of various systems of Herdmania.
14 Feb to 19 Feb	Revision of various systems of Labeo.
21 Feb to 26 Feb	Ecology Experiments.
28 Feb to 5 March	Tests for monosaccharides, Di & Polysaccharides.
7 March to 8 March	Unit of Test of practical paper.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	M/S Neelam Gupta, Dr. Nisha Rani
Class with sem :	B.Sc - 3rd (5th Semester)
Subject / Paper :-	Solid State Physics

Week	Topics
16-Oct	Concept of solid state, crystalline solid, amorphous solid, liquid crystal
18 Oct to 23 Oct	Lattice, unit cell, crystal transitional vector and axes
25 Oct to 30 Oct	Primitive cell, Weigher seitz cell, symmetry operation for 2D crystal
1 Nov to 3 Nov	Broavais lattice 2D and 3D, test of unit I
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Interplanar spacing, numerical problem discussed
15 Nov to 20 Nov	Revision and test of Unit I
22 Nov to 27 Nov	Crystal structure of ZnS, NaCl
29 Nov to 4 Dec	Xray diffraction
06 Dec to 11 Dec	CsCl structure and Diamond structure

13 Dec to 18 Dec	Bragg law and its experimental proof
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	K-space
3 Jan to 8 Jan	Revision of unit I
10 Jan to 15 Jan	Revision of unit II
17 Jan to 22 Jan	Test of unit II
24 Jan to 29 Jan	Reciprocal lattice and its physical significance
31 Jan to 5 Feb	Reciprocal lattice vector
7 Feb to 12 Feb	Dulong and Pettis law
14 Feb to 19 Feb	Einstein model
21 Feb to 26 Feb	Deby's model & numerical solve.
28 Feb to 5 March	Numerical problem solved
7 March to 8 March	Revision of unit 3

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr. Ankita Gupta
Class with sem :	B.Sc - 3 rd (5 th Sem)
Subject / Paper :-	Quantum Mechanics and Practical

Week	Topics
16-Oct	Failure of classical Mechanics, introduction of quantum Mechanics, viva copy & check
18 Oct to 23 Oct	Photoelectric effect, Compton effect, Practical discuss
25 Oct to 30 Oct	Compton effect, De-broglie hypothesis, Viva copy check
1 Nov to 3 Nov	Davissen and german experiment, G.P Thomson experiment, C.E Amplifiers
4 Nov to 7 Nov	Eo Diwali Vacation
8 Nov to 13 Nov	Concept of phase velocity, C.B Amplifiers, Group velocity, Heisenberg uncertainty principle, numerical problem on Compton effect, Practical do
15 Nov to 20 Nov	Relation b/w phase velocity and group velocity, Phase velocity, group velocity, practical copy check
22 Nov to 27 Nov	Test of Unit -1, numerical problem on Compton effect, Time, energy and angular momentum, position uncertainty.
29 Nov to 4 Dec	Harvey oscillator, Application of Heisenberg uncertainty Principle - practical do-
06 Dec to 11 Dec	- do - , numerical problem, practical - do -

13 Dec to 18 Dec	Eigen value and Eigen function, wave eq. and its significance, normalization of wave function, Resolving power of prism
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Numerical on operators, Harmonic oscillator, unit test - 2, practical do
3 Jan to 8 Jan	Numerical on operator, Difference b/w Quantum mechanics and classical mechanics. Practical do.
10 Jan to 15 Jan	Orthogonality and normalization of function, concept of observer and operator, expectation values of dynamical quantities
17 Jan to 22 Jan	Probability current density, practical compute sum of finite series.
24 Jan to 29 Jan	Free practical in one-dimensional box (Sol ⁿ of schrodinger wave eq ⁿ , eigen function, eigen values, quantization)
31 Jan to 5 Feb	Quantization of energy and momentum, nodes and antinodes, zero point energy, Practical do.
7 Feb to 12 Feb	One dimensional step potential $E > V_0$ (Reflection and transmission coefficient). Practical do.
14 Feb to 19 Feb	One-dimensional potential barrier, $E < V_0$ (Potential or tunneling coefficient).
21 Feb to 26 Feb	Solution of schrodinger equation for harmonic oscillator.
28 Feb to 5 March	(Quantization of energy, zero-point energy, wave equation for ground state and excited state.)
7 March to 8 March	Practical Copy Check.

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Vidushi
Class with sem :	B.Sc III Vth sem - 2 days per week per section
Subject / Paper :-	Inorganic Chemistry

Week	Topics
16-Oct	
18 Oct to 23 Oct	Metal-Ligand Bonding in Transition metal Complexes, Limitation of Valence bond theory.
25 Oct to 30 Oct	An elementary idea of Crystal-field theory, Crystal field splitting theory.
1 Nov to 3 Nov	Crystal field splitting in octahedral, tetrahedral Complexes.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Thermodynamic and Kinetic Aspects of metal Complexes.
15 Nov to 20 Nov	A brief outline of thermodynamic stability of Metal Complexes.
22 Nov to 27 Nov	Factor affecting the stability of Metal Complexes.
29 Nov to 4 Dec	Substitution reaction of square planar Complexes.
06 Dec to 11 Dec	Test - Thermodynamic and Kinetic aspects of Metal Complex.

13 Dec to 18 Dec	Magnetic properties of Transition Metal Complexes Types of magnetic behaviour, Method of determining magnetic susceptibility.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	
3 Jan to 8 Jan	Spin-only formula L-S Coupling. Correlation of m_s and M effective values, orbital contribution to magnetic moments.
10 Jan to 15 Jan	Application of magnetic moment data for 3d metal complexes.
17 Jan to 22 Jan	Assignment on magnetic properties of transition metal complexes.
24 Jan to 29 Jan	Electron spectra of Transition Metal Complexes, Types of electronic transition, Selection rules for d-d transition.
31 Jan to 5 Feb	Spectroscopic Ground states, Spectrochemical series.
7 Feb to 12 Feb	
14 Feb to 19 Feb	Orgel-energy level diagram for d_1 and d^9 states.
21 Feb to 26 Feb	Discussion of the electronic spectrum of $(TiCl_4)_2^{3+}$ complex ion. Presentation on electronic spectra of transition metal complexes
28 Feb to 5 March	
7 March to 8 March	Revision of section A and section B Revision of section C and section D

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Dr. Ritika Chaudhary
Class with sem :	B.Sc 5 th Sem. Sec-1,2,3 (2 days per week per section)
Subject / Paper :-	Chemistry P-II (Physical Chemistry)

Week	Topics
16-Oct	
18 Oct to 23 Oct	Black-body radiation, Planck's radiation law, Photoelectric effect, Heat Capacity of solids
25 Oct to 30 Oct	Compton Effect, wave function and its significance of Postulates of quantum mechanics
1 Nov to 3 Nov	Quantum mechanical operators, Commutation relations, Hamiltonian operators, Hermitian operators, average value of square of Hermitian as a positive quantity
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Role of operators in quantum mechanics, to show quantum mechanically that position and momentum cannot be predicted simultaneously
15 Nov to 20 Nov	Determination of wave function & energy of a particle in 1-D box, pictorial representation and its significance.
22 Nov to 27 Nov	Test for Quantum Mechanics Optical activity, polarization-(Clausius-Mossotti equation)
29 Nov to 4 Dec	Orientation of dipoles in an electric field, dipole moment, induced dipole moment, measurement of dipole moment - temperature method and refractivity method
06 Dec to 11 Dec	Dipole moment and structure of molecules, magnetic permeability, magnetic susceptibility and its determination.

13 Dec to 18 Dec	Application of magnetic susceptibility, magnetic properties. paramagnetism, diamagnetism and ferromagnetism. Assignment On Physical Properties and Molecular ^{structure}
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	<u>Spectroscopy-I</u> Introduction: Electromagnetic radiation, regions of spectrum, basic features of spectroscopy
3 Jan to 8 Jan	Statement of BornOppenheimer approximation, Degrees of freedom
10 Jan to 15 Jan	<u>Rotational Spectrum</u> Diatomic molecules, Energy levels of rigid rotator, selection rules, spectral intensity distribution using population distribution
17 Jan to 22 Jan	Determination of bond length, Qualitative description of non-rigid rotator, Isotope effect
24 Jan to 29 Jan	<u>Vibrational Spectrum</u> Infrared spectrum: Energy levels of simple harmonic oscillator, selection rules, pure vibrational spectrum, intensity, determination of force constant and qualitative relation of force constant and bond lengths
31 Jan to 5 Feb	Effects of anharmonic motion and isotopic effect on the spectra, idea of vibrational frequencies of different functional groups.
7 Feb to 12 Feb	<u>Presentation On Spectroscopy</u> Raman spectrum: Concept of polarizability, pure rotational
14 Feb to 19 Feb	Pure vibrational Raman spectra of diatomic molecules, selection rules, Quantum theory of Raman spectra.
21 Feb to 26 Feb	Revision of section A and B
28 Feb to 5 March	Revision of section C and D
7 March to 8 March	Complete Revision of full syllabus

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	SIMARAN
Class with sem :	BSc (3rd) - 5th sem. ^{sec-1, 2, 3} (2 days per week per section)
Subject / Paper :-	Organic chemistry, Paper - III

Week	Topics
16-Oct	
18 Oct to 23 Oct	
25 Oct to 30 Oct	
1 Nov to 3 Nov	
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Unit - I NMR spectroscopy I → principle of nuclear magnetic spectrum, no. of signals, peak area, equivalent and non-equivalent protons, position of signal.
15 Nov to 20 Nov	Chemical shift, shielding & deshielding of protons, proton coupling, splitting of signals & coupling constant, magnetic equivalence.
22 Nov to 27 Nov	NMR spectroscopy II → discussion of PMR spectra of molecules → ethyl bromide, ethanol, acetaldehyde, ethyl acetate, toluene.
29 Nov to 4 Dec	Benzaldehyde, acetophenone. Simple problems on NMR / PMR spectroscopy for structure determination of organic compounds.
06 Dec to 11 Dec Unit - II	Carbohydrates → classification & nomenclature, monosaccharides, mech. of osazone formation, interconversion of glucose & fructose.

13 Dec to 18 Dec	Chain lengthening & shortening of aldehydes. Configuration of monosaccharides. Ertion of threo diastereomers. Convet glucos \rightarrow mannose.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Formation of glycosides, ethers & esters. Determination of ring / H ₂ O of glucos & fructos. Open chain & cyclic str. of D-(+)-glucos & D(-) fructos.
3 Jan to 8 Jan	Mechanism of mutarotation. Structure of ribos and deoxyribos.
10 Jan to 15 Jan	Carbohydrate II \rightarrow An introduction of disaccharides (malto, sucro & lacto)
17 Jan to 22 Jan	Polysaccharides (starch & cellulose) without involving structure determination.
24 Jan to 29 Jan	Unit III \rightarrow Organometallic Compounds The Wignard reagents - formation, structure & chemical reactions.
31 Jan to 5 Feb	organometallic compounds - organozinc compounds \rightarrow formation & chemical rxn.
7 Feb to 12 Feb	organolithium compounds \rightarrow formation and chemical reactions.
14 Feb to 19 Feb	Revision of Unit - I
21 Feb to 26 Feb	Revision of Unit - II
28 Feb to 5 March	Revision of Unit III
7 March to 8 March	full paper revision & full test

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Dr. Ritika Chaudhary, Mrs. Vichushi, Dr. Kumari Sangita, Ms. Jagritika
Class with sem :	B.Sc. III (5 th sem.) Batch- I to VIII (2 days per week per group)
Subject / Paper :-	Chemistry Practical, Paper-XX, CH-504

Week	Topics
16-Oct	
18 Oct to 23 Oct	
25 Oct to 30 Oct	<u>Inorganic</u> \Rightarrow <u>Salt Analysis</u> \Rightarrow Qualitative Analysis of mixture
1 Nov to 3 Nov	<u>Salt Analysis</u> \Rightarrow Pb^{2+} , Cu^{2+} , CO_3^{2-} , SO_4^{2-}
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	<u>Salt Analysis</u> \Rightarrow Mg^{2+} , Zn^{2+} , Cl^- , CO_3^{2-}
15 Nov to 20 Nov	<u>Salt Analysis</u> \Rightarrow Cd^{2+} , Fe^{3+} , NO_3^- , SO_4^{2-}
22 Nov to 27 Nov	<u>Salt Analysis</u> \Rightarrow Pb^{2+} , Ni^{2+} , CH_3COO^- , SO_4^{2-}
29 Nov to 4 Dec	<u>Salt Analysis</u> \Rightarrow NH_4^+ , Zn^{2+} , CO_3^{2-} , Cl^-
06 Dec to 11 Dec	<u>Salt Analysis</u> \Rightarrow Al^{3+} , Cd^{2+} , Cl^- , SO_4^{2-}

13 Dec to 18 Dec	<u>Salt Analysis</u> \div Ba^{2+} , NH_4^+ , NO_3^- , Cl^-
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	<u>Salt Analysis</u> \div Pb^{2+} , Al^{3+} , CH_3COO^- , Cl^-
3 Jan to 8 Jan	<u>Thin layer chromatography</u> \div Determination of R_f value and identification of organic compound.
10 Jan to 15 Jan	TLC \div separation of a mixture of coloured organic compound using common organic solvent.
17 Jan to 22 Jan	Revision
24 Jan to 29 Jan	Revision
31 Jan to 5 Feb	Viva-voice
7 Feb to 12 Feb	Viva-voice
14 Feb to 19 Feb	Viva-voice
21 Feb to 26 Feb	Old semester practical examination
28 Feb to 5 March	
7 March to 8 March	

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	MENAKA
Class with sem :	B.Sc III (Semester-V)
Subject / Paper :-	Real Analysis

Week	Topics
16-Oct	
18 Oct to 23 Oct	
25 Oct to 30 Oct	
1 Nov to 3 Nov	
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Introduction of Chapter 1 (Riemann Integral) Exercise 1.1
15 Nov to 20 Nov	Exercise 1.1 and 1.2 (Problems)
22 Nov to 27 Nov	Revision of chapter 1. Chapter 2 (Improper Integral and their convergence Exercise 2.1 & 2.2
29 Nov to 4 Dec	Exercise 2.3, 2.4 and 2.5 Revision of chapter 2.
06 Dec to 11 Dec	Chapter 3 (Integral as a Function of parameter) Exercise 3.1 (Problems & examples)

13 Dec to 18 Dec	Chapter 4 (Metric space) Exercise 4.1 Revision of chapter 4. (Problems)
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Chapter 5 (open and closed set in Metric space)
3 Jan to 8 Jan	Exercise 5.1 (Revision and Test of Chapter 5)
10 Jan to 15 Jan	Chapter 6 (Completeness in Metric space) Exercise 6.1 (Revision)
17 Jan to 22 Jan	Chapter 7 (Continuity and Uniform Continuity in Metric space) exercise 7.1
24 Jan to 29 Jan	Chapter 8 (Compactness in Metric space) exercise 8.1 and Revision.
31 Jan to 5 Feb	Chapter 9 (Connectedness in Metric space) exercise 9.1 and Taking Prob
7 Feb to 12 Feb	Revision of chapter 9 Taking Doubts.
14 Feb to 19 Feb	Test of chapter 1 and 2 Revision of 1, 2
21 Feb to 26 Feb	Test of chapter 3 and 4. Revision of 3, 4
28 Feb to 5 March	Test of chapter 5, 6, 7, 8 Revision
7 March to 8 March	Test of Chapter 9. . . . Revision of chapter 9.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	MENAKA
Class with sem :	B.Sc III (Semester-V)
Subject / Paper :-	Numerical Analysis

Week	Topics
16-Oct	
18 Oct to 23 Oct	
25 Oct to 30 Oct	
1 Nov to 3 Nov	
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Chapter 1 (Introduction) Finite diff. operator and their property. Ex-1 & 1.2
15 Nov to 20 Nov	Chapter 2 (Introduction) Interpolation with equal intervals.
22 Nov to 27 Nov	Exercise-2.1) Examples and problems Explanation Newton formula for forward & backward.
29 Nov to 4 Dec	Exercise 2.2 (Examples & Problems) Subdivision of intervals.
06 Dec to 11 Dec	Test of chapter 1 and chapter 2. also problems related to these chapters.

13 Dec to 18 Dec	Introduction of (chapter 3), Exercises 3.1 & 3.2, Example with problems 3.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Chapter 4 (Central difference Interpolation formula. Exercise 4.1) (Test of chapter 4)
3 Jan to 8 Jan	Chapter 5 (Probability Distribution) Exercise 5.1, 5.2 (problem with example)
10 Jan to 15 Jan	Exercise 5.3, 5.4 (Problems with ex. Test of chapters 5.
17 Jan to 22 Jan	Chapter 6 (Numerical Differentiation) Exercise 6.1 Test of chapter 6.
24 Jan to 29 Jan	Chapter 7 (Eigen value problem) Exercise 7.1 Test of chapter 7.
31 Jan to 5 Feb	Chapter 8 (Numerical Integration) Exercise 8.1 Test of chapter 8.
7 Feb to 12 Feb	Chapter 9 (Numerical solution of ordinary differential equation. Exercise 9.1)
14 Feb to 19 Feb	Exercise 9.2, 9.3 Revision chapter 9.
21 Feb to 26 Feb	Revision of chapters 1, 2, 3, 4 and Test of chapters 3, 4 (taking doubt)
28 Feb to 5 March	Revision of chapters 5, 6, 7 Test of chapters 5, 6, 7 (taking doubt)
7 March to 8 March	Revision of chapters 8, 9 (Taking Doubt also)

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dipti
Class with sem :	B.S.-3rd (Vth Sem)
Subject / Paper :-	Groups and Rings

Week	Topics
16-Oct	Definition of Binary operation and Group. Examples of 11 complete. Ex-1.1 complete. Def ⁿ & examples of 12. Ex 1.2 complete. Def ⁿ of Subst & some Ex ^s
18 Oct to 23 Oct	Examples & Ex of 1.2 complete. Taking doubts. Some Ex ^s based on Subst. Ex & Example of 1.3 complete. Def ⁿ of cyclic gr ^s & Theorems
25 Oct to 30 Oct	Examples & Ex of 1.4. Ex. 2.1 & Examples of 2.1 complete. Theorems based on Cosets. Def ⁿ of Normal Subst, simple groups & Theorems based on Normal Subst
1 Nov to 3 Nov	Examples & Ex 2.2 complete, Examples & Ex. 2.3 complete. Taking doubts. Test chapter 1
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Chapter - 3. Start Ex. & Examples of 3.1 complete. Some Theorems based on this topic. Def ⁿ Centre of Group
15 Nov to 20 Nov	Theorems based on centre of group. Def ⁿ of Commutator, derived group or commutator Subst & some theorems based on commutator
22 Nov to 27 Nov	Taking doubt. Chapter 4 start. Introduction of Permutation Subst. some Definitions. Ex 4.1 & Examples of 4.1 complete.
29 Nov to 4 Dec	Chapter 5 start. Definition of Ring. Examples of 5.1 complete. Exercise 5.1 complete. Taking doubts.
06 Dec to 11 Dec	Test Chapter 2, Def ⁿ of Subgroups. Some Ex ^s on Subgroups, centre of a ring - Ex 5.2 & Examples of 5.3 complete. Taking doubts

13 Dec to 18 Dec	Introduction of Ideal & Quotient Rings Some theorems on Ideals, Simple ring. Maximal Ideal & some Definitions. Examples of
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Theorems & Exercise of 6.1 Complete. Chapter 7 start. Examples of 7.1 Complete Ex. 7.1 Complete. Taking doubts.
3 Jan to 8 Jan	Test of Chapter 8, Def. of Divisibility Some Imp. Definitions & Theorems
10 Jan to 15 Jan	Theorems of Chapter 8.1 Complete and examples of 8.1 Complete
17 Jan to 22 Jan	Exercise 8.1 Complete. Taking doubts. Test chapter 4.
24 Jan to 29 Jan	Introduction of Polynomial Rings Some Definitions of Chapter 9. Taking doubts.
31 Jan to 5 Feb	Some Theorems based on Polynomial Rings, Remainder The ^m , Unique factorization Domain.
7 Feb to 12 Feb	Some Theorems based on 9.1. Definition of primitive polynomial, Irreducible polynomials.
14 Feb to 19 Feb	Gauss Lemma, Converse of Gauss Lemma Theorems on 9.1 Complete.
21 Feb to 26 Feb	Examples of 9.1 Complete. Exercise of 9.1 Complete. Taking doubts.
28 Feb to 5 March	Assignment of Chapter 8, Taking doubts.
7 March to 8 March	Taking doubts. Test Chapter 8.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr. RITIKA
Class with sem :	B.Sc III rd year (5 th sem)
Subject / Paper :-	5-1 Database Management System

Week	Topics
16-Oct	DBMS function, advantages & Disadvantages Data, Information, Record, Traditional file.
18 Oct to 23 Oct	Introduction of DBMS, Classification of DBMS
25 Oct to 30 Oct	Role in the databax environment
1 Nov to 3 Nov	TEST, classification of DBMS, Centerized and Client server architecture to DBMS
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Three level architecture - external, conceptual and Internal Level.
15 Nov to 20 Nov	Schema mapping and Instance, Data Independence Logical and Physical.
22 Nov to 27 Nov	Data Models - Record, object Data Models
29 Nov to 4 Dec	Physical Data Model and conceptual Model.
06 Dec to 11 Dec	Three level of Model, Hierarchical, Network Relational Model.

13 Dec to 18 Dec	Data Model, Relational Model, E-R Model Entity Set, Attribute, Key, Relationships
19 Dec to 26 Dec	1. Winter Vacations
27 Dec to 1 Jan	Recursive Relationship and structural Constraints Rolerance
3 Jan to 8 Jan	Relational Database, Design functional Depending TEST, Attribute key Relationship
10 Jan to 15 Jan	Structural, Constraints
17 Jan to 22 Jan	Revision & TEST
24 Jan to 29 Jan	Introduction of Normal form
31 Jan to 5 Feb	Revision
7 Feb to 12 Feb	Relational Database Design functional Dependencies Normalized 1st to 3rd form
14 Feb to 19 Feb	BCNF, lossless join and dependency preserving decomposition, TEST, SQL Introduction and all Basic Command
21 Feb to 26 Feb	Types & Components of SQL, Data Definition and Data types Data Definition Commands,
28 Feb to 5 March	Data Manipulation Command Revision I & II Unit, TEST
7 March to 8 March	Revision III & IV Unit TEST

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr. RITIKA	PR
Class with sem :	B.Sc final year (5th sem)	
Subject / Paper :-	HTML, SQL	

Week	Topics
16-Oct	Introduction of HTML
18 Oct to 23 Oct	Write a program to use different tags
25 Oct to 30 Oct	Used Bold, underline, italic etc.
1 Nov to 3 Nov	Write a program to create Heading Tags
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Write a program to create a login form
15 Nov to 20 Nov	Write a program to use Order and Unorder list tag.
22 Nov to 27 Nov	Write a program to create a table using different tag.
29 Nov to 4 Dec	SQL Introduction
06 Dec to 11 Dec	Create table, Insert the Record select command

13 Dec to 18 Dec	Update Command, Modification in the table Delete Command.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Average, Minimum, Maximum commands
3 Jan to 8 Jan	Count, Sum Command, Absolute Command. Power Command.
10 Jan to 15 Jan	Round, Square Root Command.
17 Jan to 22 Jan	Lower Command, Upper Command, Substr Command
24 Jan to 29 Jan	Left trimming Command
31 Jan to 5 Feb	Revision
7 Feb to 12 Feb	Revision Right trimming Command
14 Feb to 19 Feb	Left Padding Command.
21 Feb to 26 Feb	Right Padding Command, Revision of SQL
28 Feb to 5 March	Revision of SQL commands R.
7 March to 8 March	Revision of HTML Commands

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr. Deepu Saini, Dr. RITIKA
Class with sem :	B.Sc 3rd Year 5th Sem.
Subject / Paper :-	Introduction to Internet & Web Technologies

Week	Topics
16-Oct	Introduction to Internet, Benefits of Internet, WWW
18 Oct to 23 Oct	Hardware and Software Requirement for Internet.
25 Oct to 30 Oct	Internet Protocol, Application of Internet, Internet Tools
1 Nov to 3 Nov	Telnet, FTP, WAIS Revision
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	IRC, Online chatting, Messaging and Conferencing Concepts, Resources of Internet
15 Nov to 20 Nov	Test Email, Mailing list, Internet addressing ISP, TCP/IP
22 Nov to 27 Nov	Home Page, Shell account, websites, Oral Test
29 Nov to 4 Dec	Internet Accessing, Internet Technologies
06 Dec to 11 Dec	Internet Security, Problem and Solution Overview of Internet and its applications

13 Dec to 18 Dec	Web browsers , Search Engines
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Search Engine , Searching Criteria , Surfing the Net , HTTP , URL ; Understanding HTML
3 Jan to 8 Jan	Create a Webpage , Linking to other webpage.
10 Jan to 15 Jan	Publishing HTML pages , Test & Revision.
17 Jan to 22 Jan	Alignment and list , Text formatting font , color , Email links and links within Page.
24 Jan to 29 Jan	Revision & TEST
31 Jan to 5 Feb	Creating HTML Page , HTML forms , Creating web pages , Graphics putting on a webpage.
7 Feb to 12 Feb	Custom Background & colors creating.
14 Feb to 19 Feb	Animated graphics , TEST.
21 Feb to 26 Feb	Webpages Design and Layout , Advanced Layout with tables.
28 Feb to 5 March	Revision UNIT-I , UNIT-II
7 March to 8 March	Revision Unit-3 , UNIT-IV

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ms. Megha Aneja
Class with sem :	B.Sc III rd / V th semester
Subject / Paper :-	Botany / plant physiology paper-I

Week	Topics
16-Oct	Plant-water relationship - importance of water to plant life, Physical properties of water Imbibition, Diffusion and Osmosis.
18 Oct to 23 Oct	Absorption and Transport of water, Transpiration, Physiology of stomata Mineral nutrition - Essential Macro and micro
25 Oct to 30 Oct	Role of Macro & Micro element, mineral uptake, deficiency symptoms. Transport of Organic Substance - Mechanism phloem transport
1 Nov to 3 Nov	Source-sink relationship, factor affecting Translocation. Revision of unit-1
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Photosynthesis - significance, historical aspect Photosynthetic pigment, Action spectra and enhancement effect, concept of two
15 Nov to 20 Nov	concept of two photosystems, Z scheme. Photo phosphorylation, calvin cycle, C ₄ cycle (Hatch Slack Pathway)
22 Nov to 27 Nov	C ₄ cycle, CAM plant physiology photorespiration. Revision of unit-3
29 Nov to 4 Dec	Revision of unit-1 + 2 Test of unit 1 + 2
06 Dec to 11 Dec	Growth and development - Definition phase of growth and development, Seed Dormancy, plant movement

13 Dec to 18 Dec	The concept of photoperiodism, Physiology of flowering, Florigen concept,
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	online class - physiology of senescence fruit ripening Revision of unit-3
3 Jan to 8 Jan	revision of unit - 3 Test of unit - 3. (oral Test)
10 Jan to 15 Jan	Plant Hormone - auxin and its role Gibberelline and its role, Bioassay of auxin & gibberelline.
17 Jan to 22 Jan	Cytokinin and its physiological role Bioassay of cytokinin
24 Jan to 29 Jan	Abscissic Acid and its role, Bioassay of Abscissic Acid Ethylene and its physiological role Bioassay of Ethylene
31 Jan to 5 Feb	History and its discovery of all the plant hormone and its Physiological role of all plant hormone
7 Feb to 12 Feb	Photomorphogenesis, phytochrome and their discovery, physiological role and Mechanism of Action.
14 Feb to 19 Feb	Revision of unit - 1 + class Test (section - 1 & 2)
21 Feb to 26 Feb	Revision of unit - 2 + class Test (section - 1 & 2)
28 Feb to 5 March	Revision of unit - 3 + class Test (section - 1 & 2) + Assignment Paper-1
7 March to 8 March	Revision of unit - 4 + class Test (Section - 1 & 2) + Assignment paper-1

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ms. Megha Anuja
Class with sem :	B.Sc III rd / V th Semester
Subject / Paper :-	Botany / Ecology Paper - II

Week	Topics
16-Oct	Introduction to Ecology - Definition, Scope and importance, level of organization Environment - Introduction environmental
18 Oct to 23 Oct	climate (water, Humidity, wind, light Temp edaphic soil profile, Physiochemical Properties, Topography and biotic
25 Oct to 30 Oct	Adaptation of plant to water stress and salinity morphological & anatomical feature of halophytes
1 Nov to 3 Nov	Adaptation of plant to water stress and salinity morphological & anatomical feature of hydrophyte and xerophytes
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Population Ecology - concept, characteristic - method of analysis - ecological succession
15 Nov to 20 Nov	Ecosystem structure and ecosystem function, Trophic level, food chain food web, Ecological pyramids
22 Nov to 27 Nov	unit - 1 revision + Test of unit - 1 (Section 1 & 2)
29 Nov to 4 Dec	unit - 2 revision + Test of unit - 2 (Section 1 & 2)
06 Dec to 11 Dec	unit - 3 revision + Test of unit - 2 (Section 1 & 2)

13 Dec to 18 Dec	Biogeochemical cycles:- carbon, nitrogen, phosphorous, Hydrological cycle.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Phytogeographical region of India, vegetation of India. Environmental pollution - Source, Type, control
3 Jan to 8 Jan	Air pollution and its control Water pollution and its control
10 Jan to 15 Jan	Global change:- Greenhouse effect and greenhouse gases.
17 Jan to 22 Jan	Impact of global warming, carbon trading, Ozone layer depletion.
24 Jan to 29 Jan	Bio magnification, revision of complete unit-4 + Test of unit-4
31 Jan to 5 Feb	Revision of unit-1 (Section 1 + 2)
7 Feb to 12 Feb	Revision of unit-2 (Section 1 + 2)
14 Feb to 19 Feb	Revision of unit-3 (Section 1 + 2)
21 Feb to 26 Feb	Revision of unit-4 (Section 1 + 2)
28 Feb to 5 March	Doubt class + Assignment
7 March to 8 March	Revision of complete Syllabus Doubt class

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ms Megha Anja
Class with sem :	B.Sc IIIrd / V th Semester
Subject / Paper :-	Practical Botany Paper-I+II

Week	Topics
16-Oct	To demonstrate the phenomena of Imbibition by plaster of Paris method.
18 Oct to 23 Oct	To demonstrate the phenomenon of osmosis by potato osmoscope method.
25 Oct to 30 Oct	To demonstrate the phenomenon of Plasmolysis and deplasmolysis in living plant cell.
1 Nov to 3 Nov	To compare stomatal and cuticular Transpiration in a bifacial leaf by cobalt chloride method.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	To demonstrate that Transpiration creates a suction force called Transpiration pull.
15 Nov to 20 Nov	To demonstrate the phenomena of Transpiration by Ganong potometer.
22 Nov to 27 Nov	To demonstrate that ascent of Sap in plant occur through Xylem tissue.
29 Nov to 4 Dec	To demonstrate the production of CO ₂ in aerobic respiration by conical flask method.
06 Dec to 11 Dec	To find out the effect of different light intensities on the rate of photosynthesis using Hillmott & bubbles.

13 Dec to 18 Dec	To demonstrate the rate of photosynthesis under varying conc of CO_2 .
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Revision of Experiment 1-4 Prepared viva.
3 Jan to 8 Jan	online class
10 Jan to 15 Jan	viva preparation
17 Jan to 22 Jan	
24 Jan to 29 Jan	
31 Jan to 5 Feb	Revision of Experiment 5-8. Prepared viva.
7 Feb to 12 Feb	Revision of All plant physiology Experiment.
14 Feb to 19 Feb	Specimen of Hydrophytes, Xerophytes Halophytes.
21 Feb to 26 Feb	Determination of pH in soil and water sample.
28 Feb to 5 March	Study of Goudarati method. Prepared the Goudarati in field area.
7 March to 8 March	Complete revision of all practical + viva preparation.

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Mrs. Nirmal Malik
Class with sem :	B.Sc. IIIrd Yr. - (Vth Sem.)
Subject / Paper :-	Zoology (Paper I) (5.1)

Week	Topics
16-Oct	Int. of world fisheries. Fresh water fisheries of India.
18 Oct to 23 Oct	Major river Systems of India. Captive & culture fisheries.
25 Oct to 30 Oct	Cold water fisheries fin fishes.
1 Nov to 3 Nov	Fishing Crafts & Gears.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Crustacean culture. Prawn culture.
15 Nov to 20 Nov	Fish Seed resources. Hatchery Seed production.
22 Nov to 27 Nov	Pearl culture Unit Test
29 Nov to 4 Dec	Induced Breeding Bumdh "
06 Dec to 11 Dec	Hatching Happa Breeding "

13 Dec to 18 Dec	Fish feed Artificial feed.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Techniques of fish culture Pond culture
3 Jan to 8 Jan	Runing & Recycled H ₂ O culture. Nursery & Rearing ponds.
10 Jan to 15 Jan	Stocking & Harvesting ponds. Unit Test
17 Jan to 22 Jan	cage culture Polyculture.
24 Jan to 29 Jan	Management of fishery Fish marketing
31 Jan to 5 Feb	Biotechnology in fisheries.
7 Feb to 12 Feb	cryopreservation. Hybridization.
14 Feb to 19 Feb	Sex Reversal Monosex culture.
21 Feb to 26 Feb	Transgenesis Unit Test.
28 Feb to 5 March	Sterile fishes Hypophysation.
7 March to 8 March	Various types of Nets. Revision.

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Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Mrs. Nirmal Malik
Class with sem :	B.Sc IIIrd Yr. (IVth Sem.)
Subject / Paper :-	Zoology Paper II.

Week	Topics
16-Oct	Abiotic & Biotic factors. Concept of Ecology.
18 Oct to 23 Oct	Ecosystem, Major Ecosystems.
25 Oct to 30 Oct	Ecological Pyramids Biomass
1 Nov to 3 Nov	Biosphere Biogeochemical cycles.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Population Growth & Growth curves.
15 Nov to 20 Nov	Origin of life.
22 Nov to 27 Nov	Evidences of organic Evolution. Unit Test
29 Nov to 4 Dec	Lamarckism Darwinism.
06 Dec to 11 Dec	Micro-evolution Mega & Macro Evolution.

13 Dec to 18 Dec	Concept of Species. Neo-Darwinism.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Phylogeny of Horse
3 Jan to 8 Jan	Phylogeny of Man.
10 Jan to 15 Jan	Seminar on Abiotic & biotic factors.
17 Jan to 22 Jan	Seminar on Ecosystem.
24 Jan to 29 Jan	Seminar on Biogeochemical cycle.
31 Jan to 5 Feb	Seminar on Evidences of organic Evolution.
7 Feb to 12 Feb	Seminar on micro, Macro & mega Evolution.
14 Feb to 19 Feb	Seminar on Man & Horse Evolution.
21 Feb to 26 Feb	Revision Test
28 Feb to 5 March	Revision Test
7 March to 8 March	Revision Test of whole paper.

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Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Mrs. Nirmal Malik
Class with sem :	B.Sc III rd Yr. (V th Sem.)
Subject / Paper :-	Zoology (Practical)

Week	Topics
16-Oct	Specimens Identification: catla - catla, dabeo rohita, dabeo calbasu
18 Oct to 23 Oct	Cirrhina mrigala, Barbus sarana, wallago attu trichogaster fasciata
25 Oct to 30 Oct	Channa punctatus channa striatus Mystus tengara, Mystus Seenghala.
1 Nov to 3 Nov	Cancer, Limulus, Palinurus, Eupagurus, lobster, Mytilus, Unio, ostrea.
4 Nov to 7 Nov	• Diwali Vacation
8 Nov to 13 Nov	Ecological Experiment:- pH of pond H ₂ O
15 Nov to 20 Nov	Chloride Test of pond H ₂ O. phosphate " " " " Nitrate " " " "
22 Nov to 27 Nov	pH of soil sample. Chloride Test of soil sample
29 Nov to 4 Dec	Phosphate Test of soil sample. Nitrate " " " "
06 Dec to 11 Dec	To study Diff. Types of Nets

13 Dec to 18 Dec	Fish parasites
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Evolutionary Evidences of Man & Horse.
3 Jan to 8 Jan	Specimen Identification Revision.
10 Jan to 15 Jan	Revision.
17 Jan to 22 Jan	Unit Test of Specimens.
24 Jan to 29 Jan	Revision of Ecology Expt. Test
31 Jan to 5 Feb	Revision of Evolution.
7 Feb to 12 Feb	Revision of Evolution of Horse & Man.
14 Feb to 19 Feb	Project Report.
21 Feb to 26 Feb	Pisciculture Report
28 Feb to 5 March	Project on Evolution of Man/ Horse.
7 March to 8 March	Test of whole Syllabus.

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Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Sunita
Class with sem :	BCA 1st sem
Subject / Paper :-	Mathematics

Week	Topics
16-Oct	Sets, subsets, Equal sets, Universal Sets.
18 Oct to 23 Oct	Sets:- Examples, exercise, operations on sets, Union, Intersection, examples, exercise
25 Oct to 30 Oct	Class Test, Complements of sets, Cartesian Product, cardinality of sets, Simple Applications.
1 Nov to 3 Nov	Revision of sets, class Test on sets
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Determinants:- Definition, Minors, Co-factors, Properties of determinants, examples, exercise.
15 Nov to 20 Nov	Applications of determinants in finding area of triangle, Solving a system of linear equations.
22 Nov to 27 Nov	Revision of Determinants, sort out problems of students, class Test.
29 Nov to 4 Dec	Matrices:- Definition, Types of matrices, Addition, subtraction, examples, exercise.
06 Dec to 11 Dec	Scalar Multiplication and Multiplication of matrices, Adjoint, Inverse, examples, exercise

13 Dec to 18 Dec	Solving system of linear equations, Cramer's Rule, examples, exercise, Revision of complete unit-I. class test.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Relations and functions:- Properties of Relations, Equivalence Relation, Partial order Relation, examples, exercise.
3 Jan to 8 Jan	Functions:- Domain and Range, onto, Into and one to one functions, Composite and Inverse Functions.
10 Jan to 15 Jan	Limits and continuity:- Limit at a point, Properties of limits, Computation of limits of various types of functions.
17 Jan to 22 Jan	Continuity of a function at a point. Continuity over an interval, Sum, Product and quotient of continuous functions, examples, exercise.
24 Jan to 29 Jan	Intermediate Value Theorem, Types of Discontinuities Revision of complete unit-II, class test. Differentiation:- Derivative of a function.
31 Jan to 5 Feb	Derivatives of Sum, Differences, Product and Quotient of functions, Derivatives of polynomial, trigonometric, exponential fun.
7 Feb to 12 Feb	Logarithmic, Inverse trigonometric and implicit functions, Logarithmic Differentiation, Chain Rule and diff. by substitution.
14 Feb to 19 Feb	Revision of unit-III, class test. Integration:- Indefinite Integrals, Methods of Integration by substitution, By parts,
21 Feb to 26 Feb	Partial Fractions, Integration of Algebraic and transcendental functions, Reduction formulae. Definite integral as limit of sum.
28 Feb to 5 March	Fundamental Theorem of Integral Calculus, Evaluation of definite integral by substitution. Revision of complete unit-IV class test.
7 March to 8 March	Revision of complete syllabus. Sort out problems of students, class test.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ms Deepika
Class with sem :	BCA
Subject / Paper :-	Data Communications and Networking

Week	Topics
16-Oct	Introduction to Computer.
18 Oct to 23 Oct	Communication and Networking Technologies, uses of Comp. Networks, Revision of first three topics, Test, Network devices, Nodes and Hosts.
25 Oct to 30 Oct	Types of Computer Networks, Topologies of Comp. Network, Network software, Revision, Test, Quiz of half unit.
1 Nov to 3 Nov	Network design issues, Protocols, Connection oriented, connectionless services
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Network application, Application protocols, Computer communications, networking models, Decentralised and centralized system, Distributed sys.
15 Nov to 20 Nov	Client / server model, Peer-to-peer model, web-based model, Network architecture, The OSI reference model.
22 Nov to 27 Nov	TCP/IP reference model, Example Networks, The internet, X.25, Frame Relay.
29 Nov to 4 Dec	ATM, Analog and Digital Communication Concepts, Concept of data, signal, channel, Bit rate, maximum data rate of channel.
06 Dec to 11 Dec	Revision of first unit, Test of first Unit, Representing data as Analog Signals, Representing Data as Digital signals, Data Rate, Bandwidth.

13 Dec to 18 Dec	Capacity and Band Rate, Asynchronous and Synchronous transmission, data encoding techniques, Modulation Techniques, Digital Carrier systems, Guided and wireless transmission media
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Communication satellites, Switching and multiplexing, Dialup Networking, Analog Modem Concepts, DSL Service, Revision.
3 Jan to 8 Jan	Revision, Doubt class, Test of 2nd Unit, Data link layer, Framing, Flow Control.
10 Jan to 15 Jan	Error Control, Error detection and correction, Sliding window protocol, media access Control, Random Access Protocols.
17 Jan to 22 Jan	Token passing protocols, Token Ring, Introduction to LAN Technologies, Ethernet, Switched Ethernet, VLAN, fast Ethernet.
24 Jan to 29 Jan	Gigabit Ethernet, token Ring, FDDI, wireless LANs, Bluetooth, Network Hardware Components.
31 Jan to 5 Feb	Connectors, Transceivers, Repeaters and Hubs, Network Interface Cards, PC cards,
7 Feb to 12 Feb	Bridges and Switches, Routes and Gateways, Revision of 3rd unit, Test of 3rd unit, Network layers and Routing Concepts.
14 Feb to 19 Feb	Virtual Circuits & Datagrams, Routing algorithms and Flooding, Shortest path routing, Distance vector routing, link state Routing, Hierarchical Routing.
21 Feb to 26 Feb	Congestion Control Algorithms, Internetworking, Network security issues, Security threats.
28 Feb to 5 March	Encryption methods, Authentication, Symmetric Key Algorithm, Public Key Algorithm, Revision.
7 March to 8 March	Revision of 4th Unit, Test of 4th Unit, Test of 2nd Unit, Test of 3rd Unit.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ms Sunita
Class with sem :	BCA First Year - Ist Sem
Subject / Paper :-	Mathematic

Week	Topics
16-Oct	Set Basic, Subsets, Equal Sets, Universal Sets.
18 Oct to 23 Oct	Finite Set, Infinite sets, Operations on sets, Union, Intersection, Complements of sets, Cartesian Product, Cardinality of set, Simple Application
25 Oct to 30 Oct	Definition of Determinants, Minor Determinants, Cofactors, Properties of Determinants, Application of determinants in finding area of Δ 's
1 Nov to 3 Nov	Solving a system of linear equations, definition matrices, types of matrix, addition, subtraction, scalar multiplication
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Multiplication of Matrices, Adjoint, Inverse, Solving system of linear equation Cramer's rule, Revision
15 Nov to 20 Nov	Test of first Unit, Relation and functions basic, Properties of relations, equivalence relation, Partial order relation. function.
22 Nov to 27 Nov	Domain and Range, Onto, Into and one to one functions, composite and Inverse functions, Limit and Continuity, Limit of a point
29 Nov to 4 Dec	Properties of limit, computation of limit of various types of functions, Continuity of function at a point, continuity over an Interval.
06 Dec to 11 Dec	sum, Product, and Quotient of continuous functions, Intermediate value theorem, types of discontinuities, Revision, Test.

13 Dec to 18 Dec	Derivative of a function, Derivative of sum, differences, product and quotient of function, derivatives of polynomial, trigonometric, exponential.
19 Dec to 26 Dec	Ex Winter Vacations
27 Dec to 1 Jan	Exponential, Logarithmic, Inverse, trigonometric, Implicit functions, Logarithmic, Logarithmic differentiation, chain rule, differentiation by substitution, Revision.
3 Jan to 8 Jan	Test, Integration start, Integrals, Indefinite, methods of integration by substitution, by parts, by fractions, Integration of Algebraic
10 Jan to 15 Jan	Transcendental function, reduction formulae for, simple and trigonometric
17 Jan to 22 Jan	Definite Integral as limit of sum, Fundamental theorem of Integral calculus.
24 Jan to 29 Jan	Evaluation of definite Integral by substitutions, Again evaluation of definite integral by substitution, Quiz.
31 Jan to 5 Feb	Revision, Oral Test, Definite Integral as limit of sum, Revision.
7 Feb to 12 Feb	Definite Integral as limit of sum, Fundamental theorem of Integral Calculus.
14 Feb to 19 Feb	Using of definite integrals, Revision of Integration.
21 Feb to 26 Feb	Integration of Algebraic and transcendental function, reduction formulae of simple and trigonometric function, Integration of Algebraic Revision.
28 Feb to 5 March	Partial fraction, method of integration by substitution, Definite Integral.
7 March to 8 March	Doubt class and Revision, Oral Test, Quiz, Written Test, Practice.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr. Nutan Sharma
Class with sem :	BCA 1st Sem
Subject / Paper :-	Computer fundamental

Week	Topics
16-Oct	Computer fundamentals, generations of computers, Definition, Block diagram along with its components
18 Oct to 23 Oct	Characteristics & Classification of computers Limitations of computers
25 Oct to 30 Oct	Human-Being v.s Computer, Applications of computers in various fields
1 Nov to 3 Nov	Test Memory concept of Primary & Secondary Memory, RAM, Test
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	ROM, Types of ROM, Cache Memory, Flash memory Test,
15 Nov to 20 Nov	Secondary Storage devices, Sequential & direct access devices. Test
22 Nov to 27 Nov	Magnetic tape, Magnetic disk optical disk, Test
29 Nov to 4 Dec	CD, DVD, Virtual memory, computer hardware & software I/O devices; definition of software relationship between hardware and software
06 Dec to 11 Dec	Types of Software, overview of operating system, Definition, Functions of operation system concept of Multiprogramming.

13 Dec to 18 Dec	Multitasking, Multithreading Multiprocessing time sharing, real time operating system single user and multi user operating system. Test.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Computer Virus Definition, types of viruses, characteristics of viruses, antivirus software Computer Languages Analogy with Natural language
3 Jan to 8 Jan	Machine language, assembly language, High level language, fourth generation language, Compiler Interpreter, assembler, Linker loader, Revision.
10 Jan to 15 Jan	Characteristics of good Programming language. Planning the computer Program, concept of Problems Solving. Test
17 Jan to 22 Jan	Problem definition, Program design, Debugging, Types of error in Programming documentation
24 Jan to 29 Jan	Structured Programming Concepts, Test Revision.
31 Jan to 5 Feb	Programming Methodologies, Top down and Bottom up Programming advantages of Structured
7 Feb to 12 Feb	Disadvantages, An Introduction to Computer Networking, Network types (LAN, WAN, MAN)
14 Feb to 19 Feb	Network topologies, modes of data transmission Form of data transmission.
21 Feb to 26 Feb	Channels, Introduction to Internet its Use. Test Revision.
28 Feb to 5 March	Application of Internet Intranet application of Intranet
7 March to 8 March	Hardware and Software Requirements for Internet, Test Revision

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Dr Preeti
Class with sem :	BCA I st sem
Subject / Paper :-	LOGICAL ORGANIZATION OF COMPUTER-I

Week	Topics
16-Oct	Information Representation: Number Systems
18 Oct to 23 Oct	Binary Arithmetic Arithmetic, Fixed - Point and Floating - Point representation of Numbers.
25 Oct to 30 Oct	BCD codes, Error detecting and correcting Codes, Character Representation - ASCII, EBCDIC, Unicode
1 Nov to 3 Nov	Test - Problem solved, Binary Logic: Boolean Algebra,
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Boolean Theorems, Boolean Functions and Truth tables, canonical and standard Form of Boolean Functions.
15 Nov to 20 Nov	Simplification of Boolean functions - Venn diagram, Karnaugh Maps,
22 Nov to 27 Nov	Digital Logic: Introduction to digital signals.
29 Nov to 4 Dec	Basic gates - XOR, XNOR etc NAND, NOR, AND-OR-INVERT
06 Dec to 11 Dec	Test, Implementation of digital circuits,

13 Dec to 18 Dec	Combinational logic - characteristics, Problem solved.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Design Procedures, analysis Procedures, Test
3 Jan to 8 Jan	Multilevel NAND OR NOR circuits
10 Jan to 15 Jan	Revision, Discuss Problems Test
17 Jan to 22 Jan	Combinational circuits: Half Adder
24 Jan to 29 Jan	Combinational circuits: Full adder
31 Jan to 5 Feb	Half subtractor Full subtractor
7 Feb to 12 Feb	Parallel Parallel binary adder/ Subtractor,
14 Feb to 19 Feb	Encoders, Decoders,
21 Feb to 26 Feb	Multiplexers, DeMultiplexers.
28 Feb to 5 March	Comparators Code converters
7 March to 8 March	BCD to seven-segment Decoder. Test.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ms. Manisha
Class with sem :	BCA - first year - (first- sem)
Subject / Paper :-	PC Software Th/Practical

Week	Topics
16-Oct	MS window Basic
18 Oct to 23 Oct	Operating System- Definition, operating system functions, Basics of windows, Basic components of window, icons, types of icons.
25 Oct to 30 Oct	Taskbar, Activating windows, Using desktop, Title bar, Running Applications, Exploring Computer.
1 Nov to 3 Nov	Managing files and folder, Copying and moving files & folders, Control Panel- display properties, Adding & removing software, Adding & removing hardware.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Setting date & time, screen saver and appearance, using window Accessories, using window Accessories, Revision, Doubt class.
15 Nov to 20 Nov	ORAL Test & quiz, presentations, Test, Documentation, using MS-word, Introduction to word processing.
22 Nov to 27 Nov	Toolbars, Menus, creating & Editing document, formatting document, finding & replacing text, format painter.
29 Nov to 4 Dec	Header & footer, Header & footer, Wrap cap, Auto Text, Auto Correct, Spelling.
06 Dec to 11 Dec	Outliner tool, Document Dictionary, Page formatting, Bookmark, Reviewing, Printing Document.

13 Dec to 18 Dec	Advance Features, Mail Merge, Macros, Tables, file management, Printing.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	styles, Linking & embedding object, Template, Revision, oral Test, Quiz, written Test.
3 Jan to 8 Jan	Introduction to MS-Excel, cell, cell-Address, creating and editing worksheet, formatting operations.
10 Jan to 15 Jan	Essential operations, Moving & copying data in excel, Header and footer, formulas and functions, charts.
17 Jan to 22 Jan	Cell Referencing, Page Setup, Macros, Advance features of MS-Excel - Pivot, Pivot - chart.
24 Jan to 29 Jan	Linking and Consolidation, Database management using Excel - sorting, filtering, validation, what-if-analysis with Goal seek.
31 Jan to 5 Feb	Conditional Formatting, Revision, oral Test, Quiz, written Test, Presentation
7 Feb to 12 Feb	Creating, manipulation, Enhancing slides, organizational chart, Excel charts.
14 Feb to 19 Feb	Word Art, Text with unit, layering Art objects, Animations, Sounds, Animations and sounds.
21 Feb to 26 Feb	Inserting Animated Pictures, Accessing through objects, Inserting Recorded sound effects, Revision, Test.
28 Feb to 5 March	Inbuilt sound Effect, Inserting Animated Pictures, Word Art, Revision, Quiz.
7 March to 8 March	Excel Charts, Word Art, Revision, oral Test, Quiz, written Test.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ms Deepika
Class with sem :	BCA II Year III SEM
Subject / Paper :-	Data Structure

Week	Topics
16-Oct	Introduction : Elementary data Organization
18 Oct to 23 Oct	Data Structure definition, Data type vs Data structure, Categories of data structure, data structure operations, practices.
25 Oct to 30 Oct	Test, Applications of data structure, Algorithms complexity and timespace tradeoff, Big-O notation, string : Introduction, string string.
1 Nov to 3 Nov	String operations, Test, Pattern Matching algorithms, Revision, Test 1st Unit.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Arrays : Introduction, Linear arrays, Representation of linear array in memory, Address calculation, Traversal, Insertions.
15 Nov to 20 Nov	Test, deletion in an array, Revision, Multi-dimensional array, Revision.
22 Nov to 27 Nov	Test, Parallel array, Revision, Sparse Arrays, Linked List : Introduction.
29 Nov to 4 Dec	Test, Array vs. Linked list, Representation of Linked list in memory, Traversal, Insertion, Revision.
06 Dec to 11 Dec	Test, Deletion, searching in a linked list, Headers linked list, circular linked list, Revision.

13 Dec to 18 Dec	Test, Deletion, Searching in a linked list, Header linked list, Circular linked list, Revision.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Test, Two way linked list, Threaded lists, Garbage collection, Application of linked list.
3 Jan to 8 Jan	Revision, whole unit test, stack: Introduction, Array and linked representation of stacks, operations on stacks.
10 Jan to 15 Jan	Applications of stack: Polish notation, Revision, Test, Revision, Queue: Introduction
17 Jan to 22 Jan	Test, Array and linked list representation of queues, Revision, Revision.
24 Jan to 29 Jan	Test, Revision, Tree: Introduction, Definitions, Revision.
31 Jan to 5 Feb	Test, Definition, Revision, Test, Representing Binary tree in memory.
7 Feb to 12 Feb	Test, Traversing binary trees, Revision, Test, Traversal algorithms using stack.
14 Feb to 19 Feb	Revision, Test, Revision, whole unit test, Revision, Graph: Introduction.
21 Feb to 26 Feb	Revision, Graph Theory Terminology, Sequential and linked list representation of graph, Revision, Test
28 Feb to 5 March	Revision 1st unit, Revision 1st unit, Test, Revision 2nd unit, Test
7 March to 8 March	Revision 3rd unit, Revision 3rd unit, * Revision 4th unit, Revision 4th unit, Test.

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ms Manisha
Class with sem :	BCA - 2nd year (3rd - Semester)
Subject / Paper :-	Introduction to Database Management System

Week	Topics
16-Oct	Introduction to 1st Unit.
18 Oct to 23 Oct	Basic Concepts, Data, Information, Records and files, Traditional file - based systems, File Based approach.
25 Oct to 30 Oct	Limitations of file Based approach, Database approach, Characteristics of Database approach, Advantages & disadvantages of database system, Components of database system.
1 Nov to 3 Nov	Database Management System, Revision, Doubt class, Test, Components of DBMS environment,
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	DBMS functions, Components of DBMS, DBMS users, Advantages & disadvantages of DBMS, DBMS languages.
15 Nov to 20 Nov	Roles in Database Environment, Data & Database Administrator, Database Designers, Application Developers and users, Revision, Test.
22 Nov to 27 Nov	Test, Revision, Doubt class, Introduction of 2nd unit, Database system Architecture,
29 Nov to 4 Dec	Three levels of Architecture, External, Conceptual and Internal levels, schemas, mappings & Instances.
06 Dec to 11 Dec	Revision, Test, Doubt class, Data Independence, logical and Physical Data Independence, Classification of Database Management System

13 Dec to 18 Dec	Practice, Test, Revision, Centralized and client server architecture to DBMS, Revision.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Data Models, Records - Based Data Models, Object Based data Models, Physical Data Models, Conceptual modeling, Revision.
3 Jan to 8 Jan	Test, Introduction of 3rd unit, Entity-Relationship Model, Entity types, Entity sets, Attributes Relationship types.
10 Jan to 15 Jan	Relationship Instances, ER-Diagram, Abstraction, Integration, Basic concepts of Hierarchical.
17 Jan to 22 Jan	Network Data Model, Revision, Test, Revision, Relational Data Models.
24 Jan to 29 Jan	Brief History, Relational Model Terminology, Data Structure, Database Relations.
31 Jan to 5 Feb	Properties of Relations, Keys, Domains, Integrity, Constraints over Relations.
7 Feb to 12 Feb	Introduction of 4th unit, Relational algebra, Relational calculus, Relational database design, data Functional dependence
14 Feb to 19 Feb	Modification anomalies, 1st to 3rd NFs, BCNF, 4th & 5th NFs, computing closures of set FD's.
21 Feb to 26 Feb	SQL, Data types, Basic Queries in SQL, Insert, Delete and update statements, views
28 Feb to 5 March	Query processing, General strategies of query processing, Query optimization, Revision.
7 March to 8 March	Query Processor, concept of security & Concurrency, Recovery, Test of 4th unit, Revision.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Mrs. Anju Grewal
Class with sem :	BCA-2 (Sem 3rd)
Subject / Paper :-	English

Week	Topics
16-Oct	Introduction to syllabus and Examinations pattern, introduction about communication and its Various definition.
18 Oct to 23 Oct	Features / characteristics of the communication, Vocabulary practice, Doubt removal classes.
25 Oct to 30 Oct	Process of communication, Prefix / suffix with practice.
1 Nov to 3 Nov	Oral test, Communication modal and theories, one word substitution with practice.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Class test and home assignments of Basics of communication, separate test for grammar topics
15 Nov to 20 Nov	Barriers to effective communication, synonyms / antonyms with practice.
22 Nov to 27 Nov	Introduction to LSRW skills, Verbal and non-verbal communication, Tenses with practice exercises.
29 Nov to 4 Dec	listening process, group discussion with explanation, conjunction with practice exercises
06 Dec to 11 Dec	Forms of oral presentation, self presentation with exercises.

13 Dec to 18 Dec	Articles with practice exercises, Doubt removal exercises.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Test and home assignments on LSRW skills long questions, separate test for grammar topics.
3 Jan to 8 Jan	Dyadic Communication, 5 C's of Communication.
10 Jan to 15 Jan	Developing dialogues and development of soft skills, Preposition with practice exercises.
17 Jan to 22 Jan	Doubt removal classes, Explanation of proper use of The Communication Skills
24 Jan to 29 Jan	Use of Effective speech, Practice of Conjunction.
31 Jan to 5 Feb	Doubt removal classes with revision of Communication and LSRW skills.
7 Feb to 12 Feb	Home assignments, Test of communication and LSRW skills.
14 Feb to 19 Feb	Separate test for grammar topics
21 Feb to 26 Feb	Effective self-presentation and facing interview skills - explanation about interview process and preparing for it.
28 Feb to 5 March	The presentation skills and their practical uses - practice.
7 March to 8 March	Doubt removal classes, class tests on alternate days.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ms. Manisha
Class with sem :	BCA - Final Year (5th-sem)
Subject / Paper :-	Computer Graphics

Week	Topics
16-Oct	Introduction to Computer Graphics.
18 Oct to 23 Oct	Basic of graphic system, Application area of Computer Graphics, overview computer graphics, video-display devices, Raster Scan System.
25 Oct to 30 Oct	Revision, Test, Graphics Monitor & workstation, Input devices, output primitives, point & lines.
1 Nov to 3 Nov	Line drawing algorithms, mid-point Circle & ellipse algorithms, filled area primitives, Scan line polygon fill algorithms.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Boundary fill & flood-fill algorithm, Revision, Quiz and oral test, doubt class, written Test, 2D-Geometrical Transforming
15 Nov to 20 Nov	Translation, scaling, Rotation, Reflection, Shear transformations, Matrix Representations.
22 Nov to 27 Nov	Homogeneous Co-ordinates, Composite Transforming, Revision, Quiz, Test
29 Nov to 4 Dec	Transformations b/w co-ordinate system, Test, 2D-viewing, The viewing pipeline, Test.
06 Dec to 11 Dec	viewing coordinate reference frame, window to view-port co-ordinate transformation, viewing function, Cohen-Sutherland, Cyrus-beckline.

13 Dec to 18 Dec	Test, Scheduling Algorithms: FCFS, SJF, Revision, Round Robin & Queue Algorithm, Revisions, Practice.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Test, Demand Paging, Performance of demand paging, Deadlock characterization, methods for handling deadlocks, Banker's Algorithms.
3 Jan to 8 Jan	Revision of all Programs, Test, logical versus physical address space, Practice, swapping, practice.
10 Jan to 15 Jan	Test, Contiguous allocation, Paging, segmentation, Practice.
17 Jan to 22 Jan	Revision of all program, Demand Paging, Performance of demand paging, page Replacement, Practice.
24 Jan to 29 Jan	Test, Page Replacement algorithms, Thrashing, Test, Practice
31 Jan to 5 Feb	File System Structure, Allocation method: Contiguous allocation, Practice, Revision, linked allocation
7 Feb to 12 Feb	Test Indexed allocation, Practice, Test, Free space management; Bit vector
14 Feb to 19 Feb	Test all program, linked list, Grouping, Counting, Practice, Data structure
21 Feb to 26 Feb	Disk scheduling: FCFS, Practice, SSTF, SCAN
28 Feb to 5 March	C-SCAN, LOOK, C-LOOK, Practice
7 March to 8 March	Revision of all programs.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ms. Manisha
Class with sem :	BCA - Final Year (5th-sem)
Subject / Paper :-	Computer Graphics

Week	Topics
16-Oct	Introduction to Computer Graphics.
18 Oct to 23 Oct	Basic of graphic system, Application area of Computer Graphics, overview computer graphics, video-display devices, Raster Scan System.
25 Oct to 30 Oct	Revision, Test, Graphics Monitor & workstation, Input devices, output primitives, point & lines.
1 Nov to 3 Nov	Line drawing algorithms, mid-point Circle & ellipse algorithms, filled area primitives, Scan line polygon fill algorithms.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Boundary fill & flood-fill algorithm, Revision, Quiz and oral test, doubt class, written Test, 2D-Geometrical Transforming
15 Nov to 20 Nov	Translation, scaling, Rotation, Reflection, Shear transformations, Matrix Representations.
22 Nov to 27 Nov	Homogeneous Co-ordinates, Composite Transforming, Revision, Quiz, Test
29 Nov to 4 Dec	Transformations b/w co-ordinate system, Test, 2D-viewing, The viewing pipeline, Test.
06 Dec to 11 Dec	viewing coordinate reference frame, window to view-port co-ordinate transformation, viewing function, Cohen-Sutherland, Cyrus-beckline.

13 Dec to 18 Dec	Clipping algorithms, Sutherland-Hodgeman polygon clipping algorithm, Introduction of 3rd unit, 3-D Object Representations, Polygon surface,
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Quadratic surfaces, Spline representation, Hermite curve, Bezier curve, B-spline curves,
3 Jan to 8 Jan	Basic illumination models. Polygon-rendering methods, Revision,
10 Jan to 15 Jan	3-D Geometric Transformations, Translation, Revision, Scaling.
17 Jan to 22 Jan	Reflection & Shear Transformation, Composite transformation, Rotation, Test.
24 Jan to 29 Jan	Cohen-Sutherland and Cyrus-Beck line clipping algorithm, Polygon clipping algorithm.
31 Jan to 5 Feb	Test 1st unit, 3-D viewing:- viewing Pipeline, viewing co-ordinates, Revision of clipping algorithms.
7 Feb to 12 Feb	View volume and general Projection forms of transforms and clipping.
14 Feb to 19 Feb	viewing co-ordinate reference frame, Revision of 3rd & 4th unit, Revision.
21 Feb to 26 Feb	Revision of 1st unit, Revision of 2nd unit, Revision of 3rd unit, Revision of 4th unit.
28 Feb to 5 March	Problem solving for 1st unit, Problem solving for 2nd unit, Problem solving for 3rd & 4th unit.
7 March to 8 March	Test of 1st unit, Test of 2nd unit, Test of 3rd Unit, Test of 4th Unit.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr Preeti
Class with sem :	BCA VI SEM
Subject / Paper :-	MIS

Week	Topics
16-Oct	Introduction to System and Basic System concepts, Types of Systems.
18 Oct to 23 Oct	The Systems approach, Information system: Definition & Characteristics,
25 Oct to 30 Oct	Types of Information, Role of Information in Decision-making.
1 Nov to 3 Nov	Test Problem Solving sub-systems of an information system:
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	EDP and MIS Management levels, EDP/ MIS/DSS
15 Nov to 20 Nov	An overview of management Information System: Definition & Characteristics,
22 Nov to 27 Nov	Components of MIS, Frame work for Understanding MIS
29 Nov to 4 Dec	Information requirements & Levels of Management,
06 Dec to 11 Dec	SIMON'S Model of decision-making, Structured vs unstructured decisions,

13 Dec to 18 Dec	Formal vs. Informal systems. Developing Information systems: Test
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Analysis & Design of Information Systems: Implementation & evaluation,
3 Jan to 8 Jan	Pitfalls in MIS Development. Problem Solving
10 Jan to 15 Jan	Functional MIS: A Study of Personnel
17 Jan to 22 Jan	Financial and Production MIS, Test
24 Jan to 29 Jan	Introduction to e-business systems.
31 Jan to 5 Feb	E-commerce - technologies, applications, Test, Revision
7 Feb to 12 Feb	Decision support systems
14 Feb to 19 Feb	Support systems for Planning.
21 Feb to 26 Feb	Control and decision. Making
28 Feb to 5 March	Test unit I Test unit II
7 March to 8 March	Test Complete syllabus -

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr Nutan Sharma
Class with sem :	BCA III Year V Sem
Subject / Paper :-	Visual Basic Practical

Week	Topics
16-Oct	Display a message, Demo for Colors Design an application that find the area of circles.
18 Oct to 23 Oct	IF-Then statement Digi Design Form
25 Oct to 30 Oct	IF-Then-Else Statement Find the larger number from two given numbers. Practice
1 Nov to 3 Nov	Nested if statement :- Write a Program to calculate the HRA. Practice.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	IF Function, select case Statement Select case Second format, Third format
15 Nov to 20 Nov	Looping structures, : Do loop Do while loop
22 Nov to 27 Nov	Do loop while Do until, Loop, Do loop until.
29 Nov to 4 Dec	While loop, For Next. Nesting loop Practice
06 Dec to 11 Dec	Design an login screen. Selection and Replacing text

13 Dec to 18 Dec	Design Simple Notepad using Text Box Check Box Practice.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Option Button, List Box and Combo Box Controls, Scroll Bar control
3 Jan to 8 Jan	Timer control, Line control, Shape Control Image control
10 Jan to 15 Jan	Picture Box control, Control Arrays In VB Practice
17 Jan to 22 Jan	One dimensional and Multi-dimensional Arrays. Static and dynamic Arrays.
24 Jan to 29 Jan	Working with Multiple Forms Setting the startup form
31 Jan to 5 Feb	Form Load event Active and deactivate event
7 Feb to 12 Feb	Designing Menus using Menu editor Creating menus
14 Feb to 19 Feb	Adding code to menus, POPUP Menu
21 Feb to 26 Feb	Accessing Data through Record set object. Practice.
28 Feb to 5 March	Design a form using timer control. Accessing Database using using ADO Data control
7 March to 8 March	

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr Nutan Sharma
Class with sem :	BCA III year V Sem
Subject / Paper :-	Visual Basic Th

Week	Topics
16-Oct	Introduction to VB, Visual and Non-visual Programming, Procedural Programming, object-oriented Programming, Event driven Programming
18 Oct to 23 Oct	V.B Environment: menubar, Toolbar, Project-Explorer, Toolbox, Properties window, Form Designer.
25 Oct to 30 Oct	Form layout, Immediate window. Visual Development, Event-driven Programming. Revision.
1 Nov to 3 Nov	Oral Test & quiz, written test Declaring variables Repeat Declaring variables.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Types of variables, Revise Types of variable converting variable types
15 Nov to 20 Nov	User defined data types, forcing variable declaration scope & lifetime of variables.
22 Nov to 27 Nov	Constants Named & intrinsic operators Arithmetic, Relational, Logical operators
29 Nov to 4 Dec	I/O in VB: Various control for I/O in VB, Message box, Input Box, Print statement Decision & condition if statement if then else statement select case
06 Dec to 11 Dec	Do-loops, for next while, wend, Exit Statement Nested control Declaring & using array one and 2nd dimensional arrays, static arrays.

13 Dec to 18 Dec	Dynamic Array, Array of Array Collections; Adding Removing Counting retrieving item collection, Processing collection, General Procedures, Event Procedures, Subroutines Functions Revision; Revision
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Test of 3rd unit, discuss Problems, Revision. General Procedure, Event Procedure, Subroutines, Functions calling Procedures, Arguments Passing Mechanism optional arguments
3 Jan to 8 Jan	Named arguments, Functions returning custom data type, Function returning arrays, Revision working with Menus, adding multiple forms in VB Hiding Form
10 Jan to 15 Jan	Showing Forms, Load and upload statements creating menus, Submenu Pop up menu, Revision
17 Jan to 22 Jan	Test, discuss Problems, Revision, Form load event menu designing in VB
24 Jan to 29 Jan	Simple Programs in VB, Test discuss Problems, Presentation,
31 Jan to 5 Feb	General and event Procedure, Hiding and Showing forms Subroutine Functions,
7 Feb to 12 Feb	optional Arguments Form Loads event Presentation.
14 Feb to 19 Feb	Passing Mechanism Discuss Query, Practice
21 Feb to 26 Feb	optional Arguments, Named arguments Discuss Query, Practice
28 Feb to 5 March	Menu designing in VB Simple Program in VB.
7 March to 8 March	Revision all syllabus, Test, MCQ; discuss Problems.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	NEEKI, Aastha yads.
Class with sem :	B.A. 1st year (Sem-1)
Subject / Paper :-	(ECONOMICS) / MICRO ECONOMICS

Week	Topics
16-Oct	Concept of the demand and nature of demand for a product
18 Oct to 23 Oct	Individual & Market demand and its determinants, Law of demand. and why demand curve is downward slope.
25 Oct to 30 Oct	Types of elasticity of demand, Concept of utility, Cardinal utility Analysis.
1 Nov to 3 Nov	Consumer equilibrium, Marginal and total utility Analysis, Describe the derivation of the demand curve
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Analysis of ordinal utility theory. Concept of Indifference curve Analysis
15 Nov to 20 Nov	characteristics of Indifference curve. Explain budget lines, and what is MRS
22 Nov to 27 Nov	Consumer equilibrium with IC curve and Concept of the Consumer surplus.
29 Nov to 4 Dec	Derivation of substitution and income effect through IC
06 Dec to 11 Dec	Explain substitution and income effect with graph case of different types of goods.

13 Dec to 18 Dec	Concept of the supply and elasticity of supply
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Theory of Law of variable proportions and its Implications and Applications.
3 Jan to 8 Jan	Law of Returns to scale, and its Implications. Analysis of Iso quants
10 Jan to 15 Jan	characteristics of Iso quants, and Concept of Ridge lines.
17 Jan to 22 Jan	Describe Internal & External Economies and diseconomies.
24 Jan to 29 Jan	How supply curve shifting and Movement along with supply curve.
31 Jan to 5 Feb	Concept of Cost and types of costs.
7 Feb to 12 Feb	Analysis of Short Run Costs and its types and Shapes of Cost in SR.
14 Feb to 19 Feb	Analysis of Long Run Cost curve and types and its shapes.
21 Feb to 26 Feb	Analysis of Modern theory of Cost and different shapes of Costs.
28 Feb to 5 March	Concept of the Revenue, and types of Revenue.
7 March to 8 March	Relationship b/w MR & AR and Explain break even point and its implications.

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Aastha Vats & Nariya Parmar.
Class with sem :	B.A. II , Semester-III
Subject / Paper :-	Macroeconomics-I

Week	Topics
16-Oct	Nature of Macroeconomics, Scope of Macroeconomics.
18 Oct to 23 Oct	Macroeconomic Issues in an Economy, Macroeconomic Targets & Instruments.
25 Oct to 30 Oct	Limitations of Macroeconomics, Concepts of GDP and National Income.
1 Nov to 3 Nov	Circular flow of Income (Four Sectors Model), Measurements of National Income.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Related Aggregates related to National Income, Difficulties in Measurements of NP.
15 Nov to 20 Nov	Difference b/w National Income at Current Prices & National Income at Constant Prices.
22 Nov to 27 Nov	GDP and welfare, Limitations of GDP as an Index of welfare.
29 Nov to 4 Dec	Functions of Central Statistical Organisation, History, System of Measurement of GDP in India.
06 Dec to 11 Dec	Basic Concepts relating to National Income Determination, Consumption & Investment Function.

13 Dec to 18 Dec	Consumption function, APC, MPC, Diff Shapes of Cons ⁿ Curve, Saving Functions APS, MPS.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Psychological Law of Cons ⁿ , Measurements to raise MPC & APC. Investment Function. (Introduction)
3 Jan to 8 Jan	Types of Investment, Factor Affecting Marginal Efficiency of Capital.
10 Jan to 15 Jan	Concept of Multiplier, Working of Multiplier, National Income Determination in three sector economy.
17 Jan to 22 Jan	Fiscal Policy, Objectives, Instruments of Fiscal Policy, Equilibrium GDP Determination
24 Jan to 29 Jan	Net Export function, Net Exports and and Equilibrium GDP,
31 Jan to 5 Feb	National Income Determination in an open Economy, Shift in Net Export Function.
7 Feb to 12 Feb	Aggregate Demand function, Derivation of AD Curve, Changes in AD Curve.
14 Feb to 19 Feb	Aggregate Demand Shocks and Aggregate Supply Shocks, and their impact on GDP and Price Level.
21 Feb to 26 Feb	Aggregate Supply in Short Run and Long Run, Inflationary and Deflationary Shocks.
28 Feb to 5 March	Revision of whole syllabus.
7 March to 8 March	Minor Examination

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ms. Neeraja Parmar, Ms. Neeki
Class with sem :	B.A. IIIrd year (V Sem)
Subject / Paper :-	Development Economics

Week	Topics
16-Oct	Main features of an Underdeveloped Economy Introduction.
18 Oct to 23 Oct	Characteristics of Underdeveloped Economies India: as Yet a developing Economy.
25 Oct to 30 Oct	Economic Growth and development., features of developed Economies.
1 Nov to 3 Nov	Determinants of Economic development. Measurement of Economic development
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Continuation of Measurement of Economic development.
15 Nov to 20 Nov	Obstacles to Economic development, Vicious Circle of Poverty
22 Nov to 27 Nov	Harrod - Domar Model of Growth
29 Nov to 4 Dec	Endogenous Growth Model
06 Dec to 11 Dec	Theory of Balanced Growth - Part 1

13 Dec to 18 Dec	Theory of Balanced Growth - Part 2
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Theory of Unbalanced Growth
3 Jan to 8 Jan	Lewis Model of Unlimited Supply of Labour.
10 Jan to 15 Jan	Leibenstein's Critical Minimum Effort Thesis
17 Jan to 22 Jan	Economic Planning in India - Introduction
24 Jan to 29 Jan	Five year Plans of India - objectives, strategy, success and failure.
31 Jan to 5 Feb	Economic Reforms and the Indian Economy - Introduction
7 Feb to 12 Feb	Banking sector reforms, financial reforms
14 Feb to 19 Feb	Revision of Unit I and test
21 Feb to 26 Feb	Revision and test of Unit II
28 Feb to 5 March	Revision and test of Unit III
7 March to 8 March	Revision and test of Unit IV

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Dr. Aparna Batra, Mrs. Rinku Aggarwal, Ms. Kiran, Ms. Pushpa Yadav
Class with sem :	B.A. I (1st Sem.)
Subject / Paper :-	English

Week	Topics
16-Oct	Introduction of the Syllabus
18 Oct to 23 Oct	Introduction to Grammar
25 Oct to 30 Oct	Tenses + modals
1 Nov to 3 Nov	Introduction to the text "The Homecoming"
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Text heading + explanation of the text "The Homecoming"
15 Nov to 20 Nov	Introduction to the poem "If" and explanation
22 Nov to 27 Nov	Reading and explanation of the text "Playing the English Gentleman"
29 Nov to 4 Dec	Letter, e-mail and paragraph writing
06 Dec to 11 Dec	Synonyms and antonyms with Exercise Practice

13 Dec to 18 Dec	Homonyms, Homophones and one word substitution with Exercise Practice
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Introduction and Explanation of the poem "my Grandmother's house"
3 Jan to 8 Jan	Text "Inkira Nooyi" Introduction and Explanation
10 Jan to 15 Jan	Voices and articles with Exercise practice
17 Jan to 22 Jan	Introduction and Explanation of the poem "The village schoolmaster"
24 Jan to 29 Jan	Relative clause and Preposition with Exercise practice
31 Jan to 5 Feb	Prospects of Democracy in India Introduction and explanation
7 Feb to 12 Feb	Test of Grammar topics
14 Feb to 19 Feb	Revision and doubt removal of texts
21 Feb to 26 Feb	Revision and doubt removal of Poems
28 Feb to 5 March	Doubt removal classes
7 March to 8 March	Test of the whole syllabus.

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Mrs. Rinku Aggarwal , Ms. Jyoti
Class with sem :	B.A 1st Year - 1st Semester
Subject / Paper :-	A.E.C.C (Communicative English)

Week	Topics
16-Oct	Introduction to syllabus and question paper pattern.
18 Oct to 23 Oct	Noun, Pronoun, Adjective, Verb, Adverb
25 Oct to 30 Oct	Conjunction, Interjection, Identifying parts of speech, Verb pattern, Common Error
1 Nov to 3 Nov	Class Test and Home Assignment. Hearing and Listening, Overview to Listening. Academic Listening.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Greetings and Introduction, Making Requests, Asking for and giving Permission.
15 Nov to 20 Nov	Offering Help, Giving Instructions and Directions. Acts of Small Talk.
22 Nov to 27 Nov	Making a short formal Speech, Describing People, Places, Events and Things.
29 Nov to 4 Dec	Class Test and Home Assignment. Doubt Removal Classes.
06 Dec to 11 Dec	Meeting, Parting at Railway Station, Buying at shops. Asking about buses.

13 Dec to 18 Dec	Travelling by bus, Using expressions of time, Talking about money.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Identifying people at the bank, at the grocery store
3 Jan to 8 Jan	Immediate family and relatives, Hiring a Taxi, Talking about weather/Weather condition
10 Jan to 15 Jan	Ordering food, Dinner Conversations
17 Jan to 22 Jan	At the Doctor's Clinic, Quitting and Finding Jobs
24 Jan to 29 Jan	Office Conversations about School/College/University, the English Class
31 Jan to 5 Feb	Doubt Class, Class Test and Home Assignment
7 Feb to 12 Feb	Introduction, Welcome and Introductory Speech.
14 Feb to 19 Feb	Vote of Thanks Speech, Farewell Speech
21 Feb to 26 Feb	Audience Analysis.
28 Feb to 5 March	Doubt Removal Class, Class Test
7 March to 8 March	Revision and Doubt Removal Class.

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Dr. Aparna Batra, Dr. Manjot Moan, Miss Rinku Aggarwal, Miss Pushpa Yadav, Ms. Kiran
Class with sem :	B.A. II (3rd sem.)
Subject / Paper :-	English

Week	Topics
16-Oct	Introduction of syllabus and Exam Pattern
18 Oct to 23 Oct	Introduction and Practice of Poetic Forms and Devices (Revision and test of the same topic)
25 Oct to 30 Oct	Reading of the Poem - Sonnet - XVIII. Explanation with reference to the context and literary devices used in the poem.
1 Nov to 3 Nov	Practice and Introduction of Non-finite verbs (Infinitive)
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Reading and explanation of the Poem - Know them thyself. Revision and doubts removal class. Test of 2nd and 3rd Poem.
15 Nov to 20 Nov	Explanation and Reading of the Poem - Elegy written in a Country churchyard. Introduction and Practice of Non-finite verbs - Gerund
22 Nov to 27 Nov	Reading of the Poem continued, critical analysis and discussion on short and long questions. Test of 4th Poem and Non-finite verbs
29 Nov to 4 Dec	Reading and critical analysis of the Poem - The world is too much with us. Introduction and Practice of Preposition
06 Dec to 11 Dec	Introduction and Practice of clauses (Relative clause) Test of 5th Poem and Preposition

13 Dec to 18 Dec	Reading and explanation of the Poem - Ode on a Grecian Urn critical analysis and discussion on short and long questions
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Reading of the Poem - My Last Duchess. Introduction of Noun clauses. Doubt-removal class. Test of 6th and 7th Poem
3 Jan to 8 Jan	Introduction and Practice of Adverbial clause Test of clauses (complete)
10 Jan to 15 Jan	Introduction and explanation of the poem - when you are old - Revision of the poem Doubt removal class.
17 Jan to 22 Jan	Introduction and Practice of conditional clauses. Test of 7th and 8th Poem Revision and doubt removal class.
24 Jan to 29 Jan	Reading of the poem - where the mind is without fear. Critical analysis of the poem. Discussion on short and long questions
31 Jan to 5 Feb	Introduction and Practice of Verb Pattern Revision and doubt removal class. Test of conditional clauses.
7 Feb to 12 Feb	Reading and explanation of the poem - Bangle sellers. Critical analysis of the poem. Introduction and Practice of Prefixes and Suffixes
14 Feb to 19 Feb	Introduction and reading of the poem - Another woman. Revision and discussion on short and long questions of the poem.
21 Feb to 26 Feb	Revision and doubt removal classes. Test of 9th, 10th and 11th Poem.
28 Feb to 5 March	Introduction and Practice of essay writing written test of essays. Revision and doubt removal classes. Test of Prefixes and Suffixes
7 March to 8 March	Revision and doubt removal class

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Dr. Aparna Bhatia, Dr. Manjeet Kaur, Ms. Pushpa Ms. Jain
Class with sem :	B.A. III Sem V
Subject / Paper :-	English

Week	Topics
16-Oct	Introduction to the syllabus and examination scheme.
18 Oct to 23 Oct	Introduction to the writer 'Raja Rao'. Introduction to the characters of the novel.
25 Oct to 30 Oct	Reading the text with critical analysis chapter 1 and 2. Discussion on questions based on chapter 2.
1 Nov to 3 Nov	Reading of chapter 3 and 4 with analysis. Word accent and its grammatical function. Discussion on questions of ch. 3 & 4.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Detailed study of chapter 5 and 6. Introduction to weak forms in English. Pronunciation.
15 Nov to 20 Nov	Discussion on questions of chapter 5 & 6. Introduction to Intonation.
22 Nov to 27 Nov	Detailed study of chapter 7 & 8. Practice of word accent and Intonation.
29 Nov to 4 Dec	Discussion on questions of chapter 7 & 8. Introduction to Transitional Words/Phrases.
06 Dec to 11 Dec	Practice of Transitional words. Doubt class and tests.

13 Dec to 18 Dec	Detailed study of chapter 9 and 10. Discussion on questions. Doubt class. Home Assignment.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Detailed study of chapter 11 and 12. Discussion on questions and answers. Introduction to sentence and its types.
3 Jan to 8 Jan	Doubt removal class, Test. Practice of exercises based on sentence and its types.
10 Jan to 15 Jan	Detailed study of chapter 13 and 14. Discussion on questions based on these chapters.
17 Jan to 22 Jan	Conversion of sentences (explanation and practice.) Doubt class, Home assignment.
24 Jan to 29 Jan	Detailed study of chapter 15 and 16. Discussion on questions based on these sentence chapters.
31 Jan to 5 Feb	Introduction to Conditional Clauses. Practice, doubt removal class. - Test.
7 Feb to 12 Feb	Detailed study of chapter 17 and 18. Discussion on questions.
14 Feb to 19 Feb	Detailed study of chapter 19. Discussion on questions.
21 Feb to 26 Feb	Doubt removal class, Test. Defining and Non-defining Clauses. Practice of exercises.
28 Feb to 5 March	Precis Writing. Practice of Precis Writing. Story Writing. Practice of story writing.
7 March to 8 March	Doubt removal class, Revision, Tests.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Seema
Class with sem :	1 st year / 1 st sem
Subject / Paper :-	Fine Arts / History of Indian Art - I (T) Landscape and still life (P)

Week	Topics
16-Oct	Explain the theory syllabus, History and appreciation of Art, Practical work Discuss
18 Oct to 23 Oct	Pre-History and Practical work Explain
25 Oct to 30 Oct	Pre-History, Indus valley, Practical work, sketching
1 Nov to 3 Nov	Stupa Bharhut, Indus valley, sketching Practical work
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Assignment and Test, sketching
15 Nov to 20 Nov	Sanchi, Kushan and Practical work. still life
22 Nov to 27 Nov	Gupta Art, Test - Kushan still life
29 Nov to 4 Dec	Mauryan Art, Practical work Sketching
06 Dec to 11 Dec	Definition of Art and Aesthetics, still life

13 Dec to 18 Dec	Art and beauty, Art and Aesthetics. it's scope, Still life
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Test - Kushan, Gupta Art Assignment
3 Jan to 8 Jan	Principle of Art Elements of Art Explain and Practical work
10 Jan to 15 Jan	Elements of Art: Line, form, space and Practical work
17 Jan to 22 Jan	Colour Theory, Texture and Tone. Landscape and Still life.
24 Jan to 29 Jan	Test and Practical work
31 Jan to 5 Feb	Pre-history, Indus valley, Sanchi, Kushan and Gupta Art, Landscape
7 Feb to 12 Feb	Elements of Art: Line, form, space, Colour, Texture and Tone. and Practical work Landscape
14 Feb to 19 Feb	All Theory syllabus Revision and Test
21 Feb to 26 Feb	Test, Assignment and Practical work Landscape and Still life.
28 Feb to 5 March	Sketching, Landscape
7 March to 8 March	Practical work

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Ravita Schwat / Seema
Class with sem :	III rd Year / III rd sem
Subject / Paper :-	History and appreciation of Art (theory) Landscape and Sketching (Practical)

Week	Topics
16-Oct	Discuss the syllabus, History and appreciation of Art
18 Oct to 23 Oct	Practical work Explain and Discuss Early Indian Paintings
25 Oct to 30 Oct	Early Indian Paintings: Ajanta Painting Paintings of Bayh.
1 Nov to 3 Nov	Budami, Sattan-vasul and Practical work landscape and sketching.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Test - Ajanta and Bayh - Budami, Practical work
15 Nov to 20 Nov	Tanjore, Bayh - Budami, The Rajasthan School of Painting. Practical work.
22 Nov to 27 Nov	The Mughal School, The Pahari School landscape
29 Nov to 4 Dec	Modern Phase! Bengal School of Art, Company School. Assignment and Practical work.
06 Dec to 11 Dec	Definition of mural, miniature, Fresco composition and sketching, landscape

13 Dec to 18 Dec	Perspective, Mural, Miniature, Fresco Composition and Practical work
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Class Test, Assignment and Practical work landscape and sketching.
3 Jan to 8 Jan	Shadangs / Six Limbs of Art Practical work.
10 Jan to 15 Jan	Indian Concept of Primary colour. landscape and sketching.
17 Jan to 22 Jan	varana and the symbolic meaning of each of the colours.
24 Jan to 29 Jan	Practical work landscape and sketching.
31 Jan to 5 Feb	Test and Assignment, Practical work.
7 Feb to 12 Feb	All Theory Syllabus Revision and Test
14 Feb to 19 Feb	Practical work landscape and sketching.
21 Feb to 26 Feb	Test, Assignment and Practical work
28 Feb to 5 March	Practical work landscape and sketching.
7 March to 8 March	Practical work

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Rajita Sehrawat / Seema (only one lecture) (P)
Class with sem :	III rd year / V th sem
Subject / Paper :- Fine Arts	History and Appreciation of Art (T) Composition (P)

Week	Topics
16-Oct	Explain the theory syllabus, History and appreciation of Art
18 Oct to 23 Oct	The Art of the Renaissance - The Art of Baroque, Rococo.
25 Oct to 30 Oct	Practical work Composition and sketching Baroque and Rococo.
1 Nov to 3 Nov	Impressionism, Expressionism, Cubism Practical work
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Assignment and Test
15 Nov to 20 Nov	Surrealism, Constructivism (Assignment) The Art of Baroque, Rococo, and Neo
22 Nov to 27 Nov	Neo-classicism modern movements. Practical work sketching.
29 Nov to 4 Dec	Classicism modern movements, Composition Sketching.
06 Dec to 11 Dec	Nature's image of Shiva. Composition Sarnath Buddha image.

13 Dec to 18 Dec	The Mother and child of Ajanta Sarnath Budha image.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Test - Barque and Pololo and Neo- classicism, sketching
3 Jan to 8 Jan	Death of Ineya Khan (Mughal) Painting Ravana Shring Mt. Kilush (Ellora)
10 Jan to 15 Jan	Krishna and Radha (Krishnagadh) (Pahari + Kangra Painting) Practical work sketching and composition
17 Jan to 22 Jan	Krishna quelling Serpent Kaliya (Pahari) Composition
24 Jan to 29 Jan	The Art of the Renaissance - The Art of barque. The Mother and child of Ajanta, Nataraj image of Shiva. Revision.
31 Jan to 5 Feb	Padmavani Avalokitesvar of Ajanta Krishna and Radha (Krishnagadh Painting) sketching.
7 Feb to 12 Feb	Test and Practical work
14 Feb to 19 Feb	Test, Assignment and Practical work incl
21 Feb to 26 Feb	All Theory Syllabus Revision and Test
28 Feb to 5 March	Test, Assignment and Practical work Revision Syllabus
7 March to 8 March	Practical work Composition and sketching

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	डॉ० इन्दु शर्मा, श्रीमती प्रीति, मुन्नी कुमुद, डॉ० संजू, डॉ० ममला
Class with sem :	बी.ए. - प्रथम वर्ष (पहला सेम)
Subject / Paper :-	हिंदी साहित्य का इतिहास

Week	Topics
16-Oct	पाठ्यक्रम परिचय
18 Oct to 23 Oct	आदिकाल का नामकरण एवं काल विभाजन आदिकालीन परिस्थितियाँ
25 Oct to 30 Oct	आदिकालीन काव्यदृष्टि - सिद्ध, नाय एवं लैन साहित्य
1 Nov to 3 Nov	आदिकालीन प्रमुख शशो काव्य आदिकालीन हिंदी साहित्य की सामान्य विशेषताएँ
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	पठित पाठ्यक्रम की पुनरावृत्ति एवं तर्का परीक्षा
15 Nov to 20 Nov	भक्ति आंदोलन - सामाजिक, राजनीतिक, सांस्कृतिक पृष्ठभूमि
22 Nov to 27 Nov	प्रमुख निर्गुण कवि - कबीरदास, ठाकुर नानकदेव, रविदास
29 Nov to 4 Dec	प्रमुख सगुण कवि - सूरदास, तुलसीदास, मीराबाई
06 Dec to 11 Dec	भक्तिकाल की सामान्य विशेषताएँ

13 Dec to 18 Dec	पठित पाठ्यक्रम की पुनरावृत्ति , अष्ट परियोजना एवं कक्षा परीक्षा ।
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	शीतकाल की ऐतिहासिक एवं आभासिक प्रवृत्तियाँ । शीतकाल का नामकरण ।
3 Jan to 8 Jan	शीतकाल की विशेषताएँ । शीतकालीन काव्यधाराएँ - शीतकाल काव्यधारा ।
10 Jan to 15 Jan	शीतकाल काव्यधारा । शीतकालीन काव्यधारा ।
17 Jan to 22 Jan	पठित पाठ्यक्रम की पुनरावृत्ति एवं कक्षा परीक्षा ।
24 Jan to 29 Jan	1857 का स्वतन्त्रता संघर्ष और हिंदी नवजागरण । भारतेन्दुयुगीन साहित्य की विशेषताएँ ।
31 Jan to 5 Feb	महावीर प्रसाद द्विवेदी और उनकी युग । द्विवेदी युग के प्रमुख गद्य लेखक एवं कवि । मैथिलीभाषा काव्य और राष्ट्रीय काव्यधारा ।
7 Feb to 12 Feb	स्वतंत्रता , पत्राचार , प्रयोगवाद और नई कविता ।
14 Feb to 19 Feb	हिंदी में गद्य विधाओं का उद्भव और विकास - उपन्यास , कहानी , नाटक , निबंध ।
21 Feb to 26 Feb	पठित पाठ्यक्रम की पुनरावृत्ति एवं कक्षा परीक्षा ।
28 Feb to 5 March	पुनरावृत्ति ।
7 March to 8 March	पुनरावृत्ति परीक्षा प्रारंभ होने तक ।

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	मीमती श्रीलि, सुजी कुमुद, डॉ० ममता, डॉ० संजू
Class with sem :	ली.ए. - प्रथम वर्ष (पहला सेम)
Subject / Paper :-	हिंदी / सृजनात्मक लेखन के विविध क्षेत्र

Week	Topics
16-Oct	पाठ्यक्रम परिचय
18 Oct to 23 Oct	सृजनात्मकता : अर्थ, स्वल्प और महत्व। सृजनात्मक लेखन के प्रमुख तत्व।
25 Oct to 30 Oct	सृजनात्मक लेखन की प्रमुख विशेषताएँ। सृजनात्मक लेखन के उद्देश्य।
1 Nov to 3 Nov	पठित पाठ्यक्रम की पुनरावृत्ति एवं कक्षा परीक्षा।
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	शिपोर्ताल : अर्थ एवं स्वल्प। शिपोर्ताल उद्भव एवं विकास।
15 Nov to 20 Nov	शिपोर्ताल लेखन प्रविधि, शिपोर्ताल के तत्व।
22 Nov to 27 Nov	फीचर : अर्थ, स्वल्प एवं महत्व। फीचर लेखन प्रविधि।
29 Nov to 4 Dec	फीचर लेखन प्रस्तुति, विषय-चयन एवं सामग्री निर्धारण। विभिन्न माध्यमों एवं फीचर का अंतः संबंध।
06 Dec to 11 Dec	सामाजिक, आर्थिक, सांस्कृतिक, विज्ञान, पर्यावरण, स्वतंत्रता से संबंधित विषयों पर फीचर-लेखन।

13 Dec to 18 Dec	पठित पाठ्यक्रम की पुनरावृत्ति, गृह परियोजना एवं कक्षा परीक्षा।
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	साक्षात्कार : उद्देश्य एवं प्रकार। साक्षात्कार प्रविधि और महत्व।
3 Jan to 8 Jan	स्तंभ लेखन : समाचार पत्र के विविध स्तंभ। स्तंभ लेखन का महत्व व विभिन्न स्रोत।
10 Jan to 15 Jan	पठित पाठ्यक्रम की पुनरावृत्ति एवं कक्षा परीक्षा
17 Jan to 22 Jan	श्लोकान : उद्देश्य, विशेषताएँ एवं महत्व। भाषण : प्रकार, लाभ, विशेषताएँ एवं प्रविधि।
24 Jan to 29 Jan	लैनर, पोस्टर, होर्डिंग्स।
31 Jan to 5 Feb	बाल साहित्य : अर्थ, स्वरूप एवं महत्व। बाल साहित्य उद्भव एवं विकास।
7 Feb to 12 Feb	बाल साहित्य के विविध रूप एवं लेखन में ध्यान रखने योग्य बातें।
14 Feb to 19 Feb	रेखाचित्र, दृश्याचित्र।
21 Feb to 26 Feb	कार्टून लेखन एवं कक्षा परीक्षा।
28 Feb to 5 March	पुनरावृत्ति।
7 March to 8 March	पुनरावृत्ति परीक्षा प्रारंभ होने तक।

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	डॉ० मधुमालती, डॉ० इन्दु शर्मा, श्रीमती प्रीति, डॉ० संजू, शुक्ती कुमुद
Class with sem :	बी.स. II, तृतीय सेमेस्टर
Subject / Paper :-	हिन्दी

Week	Topics
16-Oct	पाठ्यक्रम परिचय
18 Oct to 23 Oct	अभोध्या सिंह उपाध्याय 'हरिऔध'-परिचय, व्याख्या एवं प्रश्न-उत्तर।
25 Oct to 30 Oct	मैंगिलीशरण गुप्त-परिचय, व्याख्या एवं प्रश्न-उत्तर।
1 Nov to 3 Nov	जयशंकर प्रसाद-परिचय एवं व्याख्या।
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	प्रसाद-प्रश्न-उत्तर, तीन कवियों की पुनरावृत्ति तथा कला-परीक्षा।
15 Nov to 20 Nov	सूर्यकांत त्रिपाठी निराला-परिचय एवं व्याख्या।
22 Nov to 27 Nov	निराला-प्रश्न-उत्तर, महादेवी वर्मा-परिचय एवं व्याख्या।
29 Nov to 4 Dec	वर्मा-प्रश्न-उत्तर, रामधारी सिंह 'दिनकर'-परिचय एवं व्याख्या।
06 Dec to 11 Dec	'दिनकर' प्रश्न-उत्तर, भारत रूषण अग्रवाल-परिचय, व्याख्या एवं प्रश्न-उत्तर।

13 Dec to 18 Dec	चार कवियों की पुनरावृत्ति, कक्षा परीक्षा तथा गृह-परियोजना।
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	रीतिकाल पृष्ठभूमि, नामकरण।
3 Jan to 8 Jan	रीतिकाल परिस्थितियाँ, रीतिकाल की उपलब्धियाँ।
10 Jan to 15 Jan	रीतिकाल, रीतिकाल तथा रीतिकाल काल की प्रवृत्तियाँ।
17 Jan to 22 Jan	रीतिकाल तथा समस्त कवियों की पुनरावृत्ति।
24 Jan to 29 Jan	रीतिकाल की कक्षा परीक्षा, गृह-परियोजना।
31 Jan to 5 Feb	प्रयोजनमूलक हिन्दी परिचय, कम्प्यूटर।
7 Feb to 12 Feb	अनुवाद, मशीनी अनुवाद।
14 Feb to 19 Feb	ई-मेल, इंटरनेट।
21 Feb to 26 Feb	प्रयोजनमूलक हिन्दी पुनरावृत्ति तथा कक्षा परीक्षा।
28 Feb to 5 March	रीतिकाल पुनरावृत्ति तथा कक्षा परीक्षा।
7 March to 8 March	समस्त पाठ्यक्रम पुनरावृत्ति।

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	डॉ० मधुमालती, श्रीमती श्रीमती, डॉ० संजय, डॉ० ममता, सुक्री सुबुद
Class with sem :	जी. ए. तृतीय, पंचम सेमेस्टर
Subject / Paper :-	हिन्दी

Week	Topics
16-Oct	पाठ्यक्रम परिचय
18 Oct to 23 Oct	सच्चिदानंद हीरानंद वात्स्यायन 'अज्ञेय' - परिचय, व्याख्या तथा प्रश्न-उत्तर।
25 Oct to 30 Oct	धर्मवीर भारती परिचय, व्याख्या तथा प्रश्न-उत्तर।
1 Nov to 3 Nov	नरेश मेहता परिचय, व्याख्या तथा प्रश्न-उत्तर।
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	प्रथम तीन कवि व्याख्या, संबंधित प्रश्न की पुनरावृत्ति तथा कक्षा-परीक्षा।
15 Nov to 20 Nov	नागार्जुन - परिचय, व्याख्या एवं प्रश्न-उत्तर।
22 Nov to 27 Nov	रघुवीर सहाय - व्याख्या।
29 Nov to 4 Dec	सहाय परिचय एवं प्रश्न उत्तर।
06 Dec to 11 Dec	कुंवर नारायण - व्याख्या।

13 Dec to 18 Dec	कुँवर नारायण परिचय एवं प्रश्न - उत्तर ।
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	लीलाधर जगूड़ी - व्याख्यान ।
3 Jan to 8 Jan	जगूड़ी परिचय तथा प्रश्न - उत्तर ।
10 Jan to 15 Jan	चार कवियों की पुनरावृत्ति, कला परीक्षा, गृहपरिषद
17 Jan to 22 Jan	आधुनिक काल श्रमिका, परिस्थितियों, भारतेंदु उग्र प्रवृत्तियों, कवि तथा रचनाएँ ।
24 Jan to 29 Jan	द्विवेदी युग, दायाबाद, प्रगतिवाद प्रवृत्तियों, कवि तथा रचनाएँ ।
31 Jan to 5 Feb	प्रयोगवाद, नई कविता, समकालीन कविता, प्रवृत्तियों, कवि तथा रचनाएँ ।
7 Feb to 12 Feb	आधुनिक काल पुनरावृत्ति, संक्षिप्त प्रश्न तथा कला परीक्षा
14 Feb to 19 Feb	कविता की पुस्तक की पुनरावृत्ति ।
21 Feb to 26 Feb	संज्ञा, पहल बन ।
28 Feb to 5 March	पत्र - लेखन ।
7 March to 8 March	समस्त पाठ्यक्रम की पुनरावृत्ति ।

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Mrs. Babita Chaudhary, Mrs. Richi VAS.
Class with sem :	B.A. First Year, I sem.
Subject / Paper :-	History of India (From Earlier times upto 300 CE)

Week	Topics
16-Oct	Meaning and Definition of History.
18 Oct to 23 Oct	Concept of History, Sources of History Religious Literature, Historical and Semi-Historical Literature, Accounts of the foreigners, Archaeological sources
25 Oct to 30 Oct	Introduction of Palaeolithic Age, Middle Palaeolithic age, Middle Stone Age, Mesolithic Rock- Art.
1 Nov to 3 Nov	Concept of Neolithic, Characteristics and Neolithic - cultural in India
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	First Chapter Test. Harappan culture, age, main sites, Urban Planning Society, Religion, Economic organisation, Urban Decline.
15 Nov to 20 Nov	Introduction of Vedic Period, Vedic Literature, Geographical background of Vedic Literature Society, Economy and Religion.
22 Nov to 27 Nov	Introduction of Later Vedic Period. Changes in Economy in Later Vedic Period, changes in Society, Religion in Later Vedic Period.
29 Nov to 4 Dec	Iron Age and Megalithic Culture in South India. Essay Type Question Test.
06 Dec to 11 Dec	Historical Background of Rise of Territorial States 16 Mahajanapadas or Main Territorial States. Rise of Magadha and Main Dynasties.

13 Dec to 18 Dec	Achaemenian Invasions and their Impacts. Macedonian Invasions and their Impacts. Rise of Alexander and his Invasion of India.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Causes of New Religious Reform Movements. Jainism and Lord Mahavira. Buddhism and Lord Buddha.
3 Jan to 8 Jan	Sources of Mauryan History. Establishment and Expansion. Ashoka and Kalinga war, Results and impact of war Ashoka's Dhamma.
10 Jan to 15 Jan	Nature of Mauryan state → Mauryan Administration, Nature, Civil Administration, and military and Mauryan Economy.
17 Jan to 22 Jan	Varna system, Caste system, Theories, Merits and Demerits of caste system. Prosperity Relations.
24 Jan to 29 Jan	Sunga Dynasty. and its origin. First unit short answer Types Question Test
31 Jan to 5 Feb	Satavahana Dynasty. Founder and other Rulers: Administration and society.
7 Feb to 12 Feb	Sangam Age, Literature, society and Culture Chola Dynasty, Pandyas. Second Unit short answer type Questions Test.
14 Feb to 19 Feb	Shakas, Parthian and Kushanas. Kanishka and Buddhism, Art, Architecture: Character and Estimate of Kanishka.
21 Feb to 26 Feb	Map work- Important sites of Harappan Culture: ii) Ports, Trading Centers and Routes of Ancient India. III Unit Short answer type question Test
28 Feb to 5 March	Two Maps - Extent of Ashoka's Empire, Pillars, Edicts. ii) Extent of Kanishka's Empire. And Vims.
7 March to 8 March	Problem Solving session.

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Mrs. Babita Chaudhary, Mrs. Ruchi VAS.
Class with sem :	B.A. II nd Year, III sem.
Subject / Paper :-	History of India (From 1707 to 1947 A.D.)

Week	Topics
16-Oct	Introduction of Mughal Empire.
18 Oct to 23 Oct	Causes of downfall of Mughal Empire. Emergence of regional states.
25 Oct to 30 Oct	British Conquest of India - Battle of Plassey, Causes, Events, Results. Battle of Buxar, Causes, Events, Results.
1 Nov to 3 Nov	Administration and Foreign Policy. Act of 1793, Act of 1813, Act of 1833, Act of 1853. British Land Revenue.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Early Resistance and Revolt of 1857. Causes, Events and sites, Impacts.
15 Nov to 20 Nov	Social Condition in 18 th Century. Essay type Question Test.
22 Nov to 27 Nov	Indian Cultural Renaissance. Brahmo Samaj, Arya Samaj, Ramkrishna Mission.
29 Nov to 4 Dec	Social Impact of British Rule. Short answer type Questions Test of Unit-1
06 Dec to 11 Dec	British Land Revenue Policy. Permanent settlement, Ryotwari and mahalwari settlement.

13 Dec to 18 Dec	Decline of cotton Industry and De-Industrialisation. Rise of modern Industry.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Essay type Question Test. Economic Impact of British Rule.
3 Jan to 8 Jan	Causes of Emergence of Nationalism. Introduction of Indian National Congress.
10 Jan to 15 Jan	National Freedom Movement (1885-1919) The Moderates. Extremism. Their, Causes of rise, Methods and Progress.
17 Jan to 22 Jan	National Freedom Movement (1919-1947) Khilafat and Non-Cooperation Movement. Civil Disobedience Movement.
24 Jan to 29 Jan	Quit India Movement. Revolutionaries - Aim, Principles, Methods.
31 Jan to 5 Feb	Constitutional Development: (1919 to 1935) Provincial Administration Act of 1935.
7 Feb to 12 Feb	Emergence of Communalism and separatist Politics. Short answer type Questions Test of II unit.
14 Feb to 19 Feb	Negotiations for Independence and Transfer of power. Revision of short answer type Questions.
21 Feb to 26 Feb	Map work - India During 1764. Important places of 1857 Revolt. Centres of socio-religious Movements.
28 Feb to 5 March	map work - Important places of Revolutionary movements. Significant session of Indian National Congress. VIVA
7 March to 8 March	Problem Solving session.

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Ms Babita Choudhary, Ms Ruchi Vats
Class with sem :	BA. 3 rd year, 5 th Sem.
Subject / Paper :-	History = Ancient and Medieval World.

Week	Topics
16-Oct	Introduction origin of Man. Palaeolithic and Mesolithic Cultures.
18 Oct to 23 Oct	Neolithic age - Concept and Features. First and Second lesson Short and long Answer type questions Test.
25 Oct to 30 Oct	Sumerian Civilization = Discovery, origin, Political history and structure Social, Economic, Religious and Cultural structure.
1 Nov to 3 Nov	Egyptian Civilization = discovery, origin, Political history and structure Social, Economic, Religious and Cultural structure -
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Short answer type question and long question class Test and Revision class
15 Nov to 20 Nov	Greek Civilization = History of Rise - Iron age Greece, Rise up States City - Sparta, Athens Contribution of Greek Culture.
22 Nov to 27 Nov	Roman Civilization = Geography, Roman - Sources Political history, Democracy, Imperial age legacy of Roman Civilization.
29 Nov to 4 Dec	Short and long questions Class Tests.
06 Dec to 11 Dec	Indian Civilization = The vedic age, vedic Literature, Geographical background, Society, Economy Religion and Polity.

13 Dec to 18 Dec	Later Vedic Changes of Economy, Polity, Religious and Social. Revision Classes.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Feudalism, meaning, Nature, Reason for Rise - Main features, Advantages, Disadvantages.
3 Jan to 8 Jan	Short and long answer type questions - Revision and Tests.
10 Jan to 15 Jan	Role of Church in medieval Europe :- Church origin and Organisation.
17 Jan to 22 Jan	Pre-Islamic Arabic, Condition of Arabic before the rise of Islam, Social, Economic, Religious, Political and Culture life.
24 Jan to 29 Jan	Rise of Islam; Prophet Muhammad, Early four Caliphs - Abubakar, Umar, Usman, Ali.
31 Jan to 5 Feb	Islamic Society, Organisation of Society by Mohammad Shah, Islamic Society under Umayyad and Abbasids.
7 Feb to 12 Feb	Renaissance and Reformation, Meaning Causes, development Reformation in Germany. Martin Luther, effects and significance.
14 Feb to 19 Feb	Short and long answer type questions Whole units. - Class Tests
21 Feb to 26 Feb	Map - 1 - Important sites of Indus Civilization - Map - 2 - Important sites of Sumerian Civilization.
28 Feb to 5 March	Map - 3 - Main Centres of Greek Civilization. Map - 4 - Arab Empire under Abbasids.
7 March to 8 March	Revisions of Maps = 1-2-3-4. and Class Tests.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Sangeeta Manrow
Class with sem :	B.A(I) Semester I
Subject / Paper :-	Home Science / Family Resource Management

Week	Topics
16-Oct	<u>Unit I</u> Introduction to Syllabus concept and scope of Home Science including job opportunities
18 Oct to 23 Oct	<u>Housing</u> : Selection of site for an ideal House. Soil, Locality, Orientation <u>Practical I</u> : Making Rangoli of different types.
25 Oct to 30 Oct	<u>Kitchen Garden</u> - Meaning and utility, Planning and types of Manure. <u>Practical</u> : Table setting, techniques and manner.
1 Nov to 3 Nov	Test on Unit I. <u>Practical</u> :- Table setting, techniques and manner continued.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	<u>Unit II</u> Elements and Principles of Art. <u>Practical</u> :- Drawing lay out plan for different rooms.
15 Nov to 20 Nov	<u>colour</u> : Characteristics and colour schemes. <u>Flower Arrangement</u> : Meaning Types & Importance. <u>Practical</u> :- Drawing lay out for drawing cum dining room.
22 Nov to 27 Nov	<u>Unit III</u> <u>Family Resource Management</u> : Definition, importance <u>Practical</u> : Drawing lay out for Bedroom & different Kitchens
29 Nov to 4 Dec	<u>Money Management</u> : Meaning, types of income, process of money management. <u>Practical</u> Budget planning for different income group.
06 Dec to 11 Dec	<u>Time Management</u> : Tools of time Management Peak, load, work curve & Rest period. <u>Practical</u> : Record Keeping

13 Dec to 18 Dec	Energy Management: types of efforts, types of fatigue and ways to overcome fatigue Practical: Time plan for students
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Test on Unit II & Unit III Practical: Household tests to detect food Adulteration
3 Jan to 8 Jan	Unit IV Work Simplification - Meaning & Methods Practical - Flower Arrangement. Fresh & Dry
10 Jan to 15 Jan	Consumer Education - Definition, consumer choice Practical - checking of files
17 Jan to 22 Jan	Buying problems and malpractices and consumer protection act Practical: Revision
24 Jan to 29 Jan	Factors affecting consumer decision Practical: Revision
31 Jan to 5 Feb	Revision of Unit I
7 Feb to 12 Feb	Revision of Unit II
14 Feb to 19 Feb	Revision of Unit III
21 Feb to 26 Feb	Revision of Unit IV
28 Feb to 5 March	Revision of Practical
7 March to 8 March	Revision of Practical

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Mrs. Sangeeta Mantrou
Mrs. Sunanda (Join from 10 Dec.)

Lecturer :	Mrs. SUNANDA
Class with sem :	B.A II (III semester)
Subject / Paper :-	Home Science (Clothing and Textiles)

Week	Topics
16-Oct	<u>Unit I - Introduction of Fibers</u> —
18 Oct to 23 Oct	Definition of Fibers. Classification of fibers.
25 Oct to 30 Oct	doubt clearing session Introduction of cotton, manufacture of cotton
1 Nov to 3 Nov	Properties of cotton (Physical and Chemical)
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Introduction and manufacture of silks (Practical - Introduction to Basic stitches, even tucking sample.)
15 Nov to 20 Nov	Types of Silk Physical and Chemical properties of silk, doubt clearing session. Introduction and types of wool
22 Nov to 27 Nov	Varieties of Wool and manufacturing of wool, Physical and Chemical properties of wool. (Practical - uneven tucking, running stitch sample)
29 Nov to 4 Dec	Introduction and manufacturing of nylon, Physical and Chemical properties of nylon, doubt clearing session, Short test of unit-I (Practical Back stitch)
06 Dec to 11 Dec	(Practical visible hemming sample, invisible hemming sample and Button hole stitch sample) Unit II - Introduction of weaving, Parts of Basic loom, steps in weaving, Types of weaving

13 Dec to 18 Dec	Quiz contest and question answer session (Pract Plain seams and French seam sample) Meaning and objectives of Finishes, Classification
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Calendering, Bleaching (Practical - Counter and lapped seam samples) Sizing, Mercerizing, Crease Resistant Finishing, Doubt clearing session Practical - Garments and simple plain sample
3 Jan to 8 Jan	Introduction of Dyeing, Classification of dyes, stages of dyeing, Methods of dyeing, Common faults in dyeing (Practical - Simple dard and fish dard sample)
10 Jan to 15 Jan	Printing Introduction, Unit III - Selection of fabric Introduction of embroideries. (Practical - Placket opening and continuous placket samp)
17 Jan to 22 Jan	Phulkari, Types of Phulkari, Kantha, doubt clearing session, Unit II test (Practical - Two piece placket sample)
24 Jan to 29 Jan	Kasida, Chikankari, Introduction of Traditional textiles (Practical - pin tuck sample) Traditional Textile - Baluchari, Borasuri, Chanderi.
31 Jan to 5 Feb	Patola, Bandhani, Dhaka mulmul and brocade, doubt clearing session (Practical - cross tuck sample) Unit IV Introduction of laundry supplies
7 Feb to 12 Feb	Introduction of soaps and composition, forms of soap and manufacture of soap explain with diagrams (Practical - Embroidery sample) Detergents, Advantages of detergents, Difference between soap and detergents
14 Feb to 19 Feb	Brief Introduction of starches, Types of starches, Methods of preparing starches, Laundry Blues (Practical - Embroidery sample)
21 Feb to 26 Feb	Bleaches, Different Methods of Laundry UNIT III Test, Acids. (Practical - embroidery sample knitting sample)
28 Feb to 5 March	Alkalies, solvents and Absorbents, Quiz contest and doubt clearing session, short test on soap and detergent (Practical - Tie and dye sample)
7 March to 8 March	Introduction of stains and stain removal, Type and duration of stains, general instructions for removal of stains, Methods of removing stains different types of stain removal (Practical - Block printing)

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Mrs. Sangeeta Manrow

Mrs. Sangeeta Tanwar: Join from 10 Dec.

Lecturer :	Mrs. Sangeeta Tanwar (10 Dec. 2021) to
Class with sem :	B.A III rd (V th Semester)
Subject / Paper :-	Food & Nutrition [Home Science]

Week	Topics
16-Oct	Food- classification & functions of food groups
18 Oct to 23 Oct	Essential food constituents : Carbohydrates, Protein
25 Oct to 30 Oct	Carbohydrate Protein continued (source, functions, RDA effect of deficiency and excess of these food constituents)
1 Nov to 3 Nov	Fats, Water : (source, functions, RDA effect of deficiency and excess of these food constituents)
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Vitamin A, D, C : Food source, functions, recommended daily allowances, effects of deficiency & excess of the above
15 Nov to 20 Nov	Vitamin B ₁ , B ₂ , Niacin : Food source functions RDA effects of deficiency & excess of the above
22 Nov to 27 Nov	Minerals : Calcium, Phosphorus Food source, functions, recommended daily allowances, effect of deficiency & excess of the above.
29 Nov to 4 Dec	Minerals : Iodine (Food source functions RDA, effects of deficiency & excess of the above).
06 Dec to 11 Dec	Importance and Methods of Cooking, Effects of cooking on different nutrients

13 Dec to 18 Dec	Methods of cooking: Advantages and disadvantages Moist heat - Boiling, stewing, steaming.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Dry Heat: Roasting, grilling, baking
3 Jan to 8 Jan	Frying: Shallow and Deep Microwave cooking in brief
10 Jan to 15 Jan	Methods of enhancing nutritive value of food stuffs:
17 Jan to 22 Jan	(a) Importance of enhancing nutritive value of food stuffs (b) Methods of enhancing value of food stuffs sprouting, fermentation.
24 Jan to 29 Jan	Combination and supplementation. Food Preservation: (a) Importance of food preservation.
31 Jan to 5 Feb	(b) Cause of food spoilage in brief
7 Feb to 12 Feb	(c) Methods of Food preservation with special emphasis on house hold methods.
14 Feb to 19 Feb	Meal Planning: (a) Concepts of Balance diet.
21 Feb to 26 Feb	(b) Principles of Meal Planning. Factors affecting it. (c) Meal planning of: Children, school going child
28 Feb to 5 March	Meal Planning of: Adolescents, Adult, pregnant women and lactating mother.
7 March to 8 March	Revision

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

practical

Lecturer :	Mrs. SANGEETA TANWAR
Class with sem :	B.A III rd (V semester) 2021 - 22
Subject / Paper :-	Home Science (Food & Nutrition)

Week	Topics
16-Oct	
18 Oct to 23 Oct	
25 Oct to 30 Oct	
1 Nov to 3 Nov	
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Preparation of various dishes using different method of cooking — do
15 Nov to 20 Nov	Preparation of Beverages dishes — - do — - do —
22 Nov to 27 Nov	- do — - do — - do —
29 Nov to 4 Dec	Preparation of Soup - do — - do —
06 Dec to 11 Dec	- do — - do —

13 Dec to 18 Dec	Preparation of Snacks — — do — — do —
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Preparation of Salad — — do — — do —
3 Jan to 8 Jan	Preparation of Breakfast dishes — — do — — do —
10 Jan to 15 Jan	— do — Preparation of Main Meal dishes — — do —
17 Jan to 22 Jan	— do — — do —
24 Jan to 29 Jan	— do — — do —
31 Jan to 5 Feb	— do — — do —
7 Feb to 12 Feb	Preparation of Dessert dishes — — do — — do —
14 Feb to 19 Feb	— do — — do —
21 Feb to 26 Feb	— do — — do —
28 Feb to 5 March	— do — — do —
7 March to 8 March	— do — — do —

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Mangla Jain
Class with sem :	B. A I Ist Semester
Subject / Paper :-	Music Instrumental (M I 01)

Week	Topics
16-Oct	Definition of Sangeet
18 Oct to 23 Oct	Dhravi Shruti, Swara, in written, / Practical Baj of Mizrab. Da & Ra
25 Oct to 30 Oct	Alankar in written / Practical Five Alankar Ki Practice.
1 Nov to 3 Nov	Saptak, Laya, Rag in written, Types of Thaat / Alankar Ki Practice
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Naad, Jaati of Naad, Tasta, Tivrata, Cruu Rag Bhupali Ka Parichay Aaroh, Awaroh & Pakad
15 Nov to 20 Nov	Taal Teental in written & Practice in hand Life sketch and contribution in music Pt. Vishnu Narayan Dhatkhonde.
22 Nov to 27 Nov	Description of the following instruments Life sketch of Pt. Ravi Shankar / Sitar Alankar Ki Practice.
29 Nov to 4 Dec	Rag Yaman Ka Parichay Aaroh, Awaroh & Pakad, Rag Bhupali Ka Test / Practical Practice in Sitar.
06 Dec to 11 Dec	Description of the following instruments (Sitar) Test of Sangeet, Dhravi / Practical Teental Ki Practice in hand

13 Dec to 18 Dec	Life Sketch of Ustad Amir Khan Induction & Importance of music in our daily life in written / Sitar Practice (Alankar)
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Rag Yamun Ka Test & Shrutti Suras Ka Test / Practical Rag Yamun Ki Rajakani - Kani Gat
3 Jan to 8 Jan	Assignment check (Pt. Ravi Shankar) Test of Teental
10 Jan to 15 Jan	Ustad Vilayat Khan Ka Life Sketch Rag Bhupali Ka Test / Rag Yamun Ki Practice
17 Jan to 22 Jan	Taal Keherna in written. / Sitar Ke Parts recognise / Sitar Ki Practice
24 Jan to 29 Jan	Rag Yamun Ke Rajakani Gat Ke Tore in written & Practice in Sitar
31 Jan to 5 Feb	Taal Dadra in written & Practice in Ravel
7 Feb to 12 Feb	Rag Bhupali Ki Rajakani Gat in written / Practice of Rag Yamun
14 Feb to 19 Feb	Rag Bhupali Ka Test & Rajakani Gat Ke Tore in written / Rag Bhupali Ka Aaroh Aurwah & Pakad in Sitar
21 Feb to 26 Feb	Rag Alhaiya Bilawal Ka Anichay & Aaroh Aurwah Pakad in written & Test of Taal Dadra
28 Feb to 5 March	Copy Check & Practice of Sitar
7 March to 8 March	Revision

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Manju Jain
Class with sem :	2nd Year 3rd Sem
Subject / Paper :-	Music (Instrumental (MI) 03

Week	Topics
16-Oct	Rag Bihag Ka Arichay & Alap
18 Oct to 23 Oct	Rag Bihag Ki Masheetkharai Crat in written Practice in Sitar Masheetkharai Crat
25 Oct to 30 Oct	Taal Adachartal in written & Practice in hand Rag Bihag Ki Practice in Sitar (Masheetkharai Crat)
1 Nov to 3 Nov	Rag Bihag Ki Rajakhari Crat & Practice in Sitar
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Rag Bihag Ki Rajakhari Crat Ke Tore & Practice in Sitar & Jhala Practice in Sitar
15 Nov to 20 Nov	Five Alankars in each rags in written Rag Bihag Ke notation Ka Test Taal Tirza / Practice in hand
22 Nov to 27 Nov	Rag Aheer Bhairav Ki Masheetkharai Crat in written / Practice in Sitar Rag Aheer Bhairav Ke Tore Ki Practice in Sitar
29 Nov to 4 Dec	Rag Aheer Bhairav Ki Rajakhari Crat in written & Tore / Practice in Sitar Rag Aheer Bhairav Ka Jhala
06 Dec to 11 Dec	Short Notes of Alpana, Bahutara, Tirokhar Abhirkhar / Rag Aheer Bhairav Ka Test Practice of Rag Aheer Bhairav in Sitar

13 Dec to 18 Dec	Rag Bageswari Ka Aalap & Rag Parichay in written & Masheer Khan's Chart in written Practice in Sitar
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Rag Bageswari Ki, Masheer Khan's Chart Ke Tori in written & Practice in Sitar Rag Bageswari Ka Test (Notation)
3 Jan to 8 Jan	Rag Bageswari Ki, Rajakhari's Chart & Tori in written & Practice in Sitar.
10 Jan to 15 Jan	Rag Bageswari Ka Thala & Practice in Sitar (whole Rag Ki Practice)
17 Jan to 22 Jan	Test of Rag Bageswari Ki Rajakhari Chart / Taal Tivra ki Practice in hand & Test (written)
24 Jan to 29 Jan	Parnel Praveeshak Rag Sandhiprakash rag, Swayambhuvanad Practice of Rag AbeerBhairav in Sitar
31 Jan to 5 Feb	Method of Tuning of Instrument (Sitar) & description of Sitar / Rag AbeerBhairav whole Rag Ki Practice.
7 Feb to 12 Feb	Taal Adacharita in written & Practice in hand Rag Bageswari Ke Thala Ki Practice in Sitar
14 Feb to 19 Feb	Contribution towards Musicians of Abdul Halim Zafar Khan / Practical (Rag Ki Practice)
21 Feb to 26 Feb	Life sketch of Anapurna Devi / Test of Taal Adacharita / Practice of Adacharita in hand
28 Feb to 5 March	Description of Rudra Veena, Sarangi Taal & Rag Ki Practice
7 March to 8 March	Revision of whole syllabus

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Mangajain
Class with sem :	B. A III 5th Sem
Subject / Paper :-	Music (Jns) M. I 05

Week	Topics
16-Oct	Rag Miya Ki Todi Ka Parichay & Alaps
18 Oct to 23 Oct	Rag Miya Ki Todi Ki masheetkharai Gat in written Practice in Sitar Masheetkharai Gat.
25 Oct to 30 Oct	Taal Dhamar in written & Practice in hand Rag miyamalhar Ki Practice in Sitar (masheetkharai Gat)
1 Nov to 3 Nov	Rag miyamalhar Ki Rajakhari Gat & Practice in Sitar.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Rag Miya Ki Todi Ke Rajakhari Gat Ke Tose & Alaps & Practice in Sitar
15 Nov to 20 Nov	Taal Dhamar in written & Practice in hand
22 Nov to 27 Nov	Test of Miya Ki Todi Ki (notation) Practice of whole Rag (Miya Ki Todi)
29 Nov to 4 Dec	Rag Tilak Kamod Ka Parichay Aaroh, Avaroh & Pakad in written Practice in Sitar
06 Dec to 11 Dec	Rag Tilak Kamod Ki masheetkharai Gat & Tose & Practice in Sitar

to 18 Dec	Rag Tilak Kamod Ke Rajakhari Gat & Tore & Practice in Sitar
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Taal Sultan in written & Practice in hand. Life sketch of Ustad Mustak Ali Khan
3 Jan to 8 Jan	Test of Taal Dhanar / Rag Tilak Kamod Ki Practice in Sitar
10 Jan to 15 Jan	Jhala of Rag Tilak Kamod & Practice in Sitar whole rag Tilak Kamod
17 Jan to 22 Jan	Taal Jhaptal (Ekgun, Dagan, Tigun, Chougun & Practice in hand
24 Jan to 29 Jan	Role of internet in popularizing music in written / Sitar Ki Practice)
31 Jan to 5 Feb	Rag Miyamakar Ka Parichay Aaroh, Avaroh Pakad & Masheet Khari Gat in written / Practice in Sitar
7 Feb to 12 Feb	Masheet Khari Gat Ke Tore in written & Practice in Sitar (Test of Taal Jhaptal)
14 Feb to 19 Feb	Rag Miyamakar Ke Rajakhari Gat in written & Practice in Sitar.
21 Feb to 26 Feb	Life sketch of Pandit Nikhil Benerjee Rag Miyamakar Ke Rajakhari Gat Ke Tore & Practice in Sitar
28 Feb to 5 March	Jhala of Rag Miyamakar & Practice of whole Rag Miyamakar
7 March to 8 March	Revision

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr. Rachna
Class with sem :	1st year (I sem)
Subject / Paper :-	music vocal (musical)

Week	Topics
16-Oct	Sangeet Parichay + Swar Singing Practice. How to Sing Swar.
18 Oct to 23 Oct	Alankar Parichay, Alankar Binanaka trifka. Style of Alankar.
25 Oct to 30 Oct	Detail Study - Sangeet, Dhvani, Swar, Saktak, and taal.
1 Nov to 3 Nov	Short Notes of - Shrutti, Laya & Raga. Teental Parichay.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Raag Yaman Parichay, Aavoh. Aavohi Pakad etc. with teentaal.
15 Nov to 20 Nov	Raag Yaman Singing Practice with taal in Tabla.
22 Nov to 27 Nov	keharwa & Dadra taal Parichay in hand beats & tabla.
29 Nov to 4 Dec	Life Sketch - - Pt Vishnu Narayan Shattkhande - Pt Ravi Sankar.
06 Dec to 11 Dec	Raag Yaman Singing Practice. Raag Bhehali Parichay.

13 Dec to 18 Dec	Raag Bhupali Daut khyal Singing practice with taal. and Alap
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Raag Yaman & Bhupali Singing practice with taal & Allah. Test - Teendil, Keharwa, Dada taal
3 Jan to 8 Jan	Contribution Toward music of - - Ustad Amir Khan - Ustad Vilayat Khan
10 Jan to 15 Jan	Description Short topic - Types of Naad - Tarta, Tavrata, Gura. Naad ki Jaabi
17 Jan to 22 Jan	Discuss Short topic - Types of thaat Alhaiya Bilawal Raag Parichay
24 Jan to 29 Jan	Raag Alhaiya Bilawal Singing Practice. Short topic - Anah, Anrah, Pakad.
31 Jan to 5 Feb	Raag Alhaiya Bilawal Singing Practice with taal & Allah. Description the Instrument - Tanpura & its parts.
7 Feb to 12 Feb	Raag - Bhupali, Yaman & Alhaiya Bilawal Daut khyal Singing Practice with 2 alaps & 2 taans.
14 Feb to 19 Feb	Describe Instrument - Sitar and playing style. Singing practice of Alankars.
21 Feb to 26 Feb	Method of Tuning Taanpura & Singing practice with Taanpura.
28 Feb to 5 March	Test all Raag & taal with Allah. : Taan. - Revision -
7 March to 8 March	- Revision -

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr. Rachna
Class with sem :	2nd year (3rd Sem)
Subject / Paper :-	music vocal m.v.03

Week	Topics
16-Oct	Raag Bageshwari ka Raag Parichay Swar, Pakad, Vaadi, Samvadi etc. & Singing Practice.
18 Oct to 23 Oct	Raag Bageshwari ki taan & Dhrut Khyal. Singing Practice with Sastriye Parichay.
25 Oct to 30 Oct	Raag Bageshwari ki Notation ka Parichay and Singing Practice & discuss short topic - Avibhav - Tibobhav.
1 Nov to 3 Nov	Raag singind Practice with taal & Taans. Ektaal detail Parichay on Table with hand beats.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Raag Behag Parichay, & Raag Bageshwari Test. Raag Behag Singing Practice with Swar - Pakad.
15 Nov to 20 Nov	Raag Behag Singing Practice. & discuss short topic Alhatava - Bahutava.
22 Nov to 27 Nov	Raag Behag Dhrut Khyal Sing Practice with Taal - Taans.
29 Nov to 4 Dec	Ada Chantal Parichay - Practice in hand and Tabla.
06 Dec to 11 Dec	Raag Behag Test, with short topic - Avibhav - Tibobhav & Alhatava - Bahutava.

13 Dec to 18 Dec	discuss about Alankar. in Raag Bageshwari & Behag 5-5 Alankar each Raag Singing Practice.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	discussion short topics. Raag ki Jatis. Aada Chartal - Ektaal. Test all short topics.
3 Jan to 8 Jan	Short notes of - Dhrupad. Dhamar & Khajal.
10 Jan to 15 Jan	Raag Aheer Bhairav Tarichay with Notation.
17 Jan to 22 Jan	Raag Aheer Bhairav Singing Practice with Taal & Taans.
24 Jan to 29 Jan	Shorts notes of - Tappa - Thumri
31 Jan to 5 Feb	Contribution Towards music of - Bade gulam ali Khan. - Ustad fayyaz Khan.
7 Feb to 12 Feb	Raag Aheer Bhairav Singing Practice discuss all short topic Tappa, Thumri, Dhrupad, Dhamar.
14 Feb to 19 Feb	Test Raag Aheer Bhairav and all Taal, and Shantals Topic.
21 Feb to 26 Feb	Contribution Towards music of - - Krishan Ras Shanker Arndit
28 Feb to 5 March	Method of Tuning Tanpura & Singing Style with Tanpura.
7 March to 8 March	Revision

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Dr. Rachna
Class with sem :	3rd year 5th Sem
Subject / Paper :-	Music vocal (MV 05)

Week	Topics
16-Oct	Raag Bhairavi - Beachay - Swars, Vaadi, Samvadi ect. and Singing Practice.
18 Oct to 23 Oct	Raag Bhairavi Notation Parichay & Singing Practice with Notation.
25 Oct to 30 Oct	Raag Bhairavi Singing Practice Taal & Taaris.
1 Nov to 3 Nov	Raag Tilak Kamad Ka Parichay.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Raag Tilak Kamad Notation Ka Parichay & Singing Practice.
15 Nov to 20 Nov	Raag Tilak Kamad Singing Practice with taal & Taaris
22 Nov to 27 Nov	Raag miya ki malhar ka Parichay.
29 Nov to 4 Dec	Raag miya ki malhar Notation Parichay & Singing Practice.
06 Dec to 11 Dec	Raag miya ki malhar ka Singing Practice with taal & Taaris

13 Dec to 18 Dec	Jhaaptal Beichay , Practice with hand beal's Ekgun, Dugun, Tigun & Chaujan.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Soal tal Beichay , Practice with hand beal's Ekgun, Dugun, Tigun & Chaujan.
3 Jan to 8 Jan	Test all Raags & Taals. Shoal Taal, Jhaaptal, Bhavvi Raag, miyaki Malhar & Tilak Kamod Raag.
10 Jan to 15 Jan	Detail description of Tabla and there Play Style.
17 Jan to 22 Jan	Detail Knowledge music of Panjab
24 Jan to 29 Jan	Detail Study - Gwalior Gharana & Agra Gharana.
31 Jan to 5 Feb	Contribution - Towards music of - Pt Vinayak Rao Patwardhan. - Ustad Chand Khan.
7 Feb to 12 Feb	Singing Practice all Raags, Test Gharans Topic.
14 Feb to 19 Feb	Detail Study Kirana Gharana and test all Biography.
21 Feb to 26 Feb	discuss about all short topics & method of Tuning Taanpura
28 Feb to 5 March	Method Tuning Taanpura & Singing Practice with Taanpura.
7 March to 8 March	— Revision —

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	Mrs. BUSHU A KANSURK, Mrs. MANITA WADHWA, Mrs. DIMPLE AGRAWAL
Class with sem :	B. A. I, Sem I
Subject / Paper :-	POLITICAL SCIENCE

Week	Topics
16-Oct	Introduce the Syllabus.
18 Oct to 23 Oct	Meaning and definition of constitution Main features of Constitution. Meaning and features of Preamble, Criticism of the Preamble
25 Oct to 30 Oct	Define Fundamental Rights Features of Fundamental Rights Criticism of Fundamental Rights importance of rights
1 Nov to 3 Nov	Meaning of the Directive Principles significance and importance of Principles
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Criticism of Principles, difference between Fundamental Rights & Principles. Long Question Revised, Problem Solve.
15 Nov to 20 Nov	Federalism and centre-state Relations. Federalism in India, unitary features, Causes powerful centre, criticism and Evaluation.
22 Nov to 27 Nov	Sarkaria Commission Administrative Relations & Financial Functions. Election of the President
29 Nov to 4 Dec	Powers and Functions of the President of India Emergency Power & Criticism Role and Position of the President
06 Dec to 11 Dec	Powers and Functions of the Cabinet. Powers of Prime Minister. Position of Prime Minister

13 Dec to 18 Dec	Functions and Powers of the Governor. Position of the Governor Test of Unit I
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Lok Sabha & R Powers and Functions of the Lok Sabha, Speaker of the Lok Sabha, Powers & Functions of Rajya Sabha.
3 Jan to 8 Jan	Composition of Supreme Court, Powers and Functions of Supreme Court. Judicial Review in India, Independence of Judiciary
10 Jan to 15 Jan	Judicial Activism. Powers & Functions of the High Court objective test Unit I & II
17 Jan to 22 Jan	Meaning and Definition of Caste, impact of caste on the Politics. Features of Patriarchal Theory. Features of matriarchal Theory.
24 Jan to 29 Jan	Meaning & Features of Regionalism, Forms of Regionalism Impact of Regionalism on Indian Politics Test of Unit II
31 Jan to 5 Feb	main cause of the impact of Religion on Indian Politics. Impact of Religion on Indian Politics. Functions of the Election Commission, Importance of Election Commission
7 Feb to 12 Feb	Electoral Process, voting Behaviour in India. Problems of the Indian Party system. National Political Parties Nationalist Congress Party.
14 Feb to 19 Feb	Problem solve of Unit I & III. characteristics of Elements of Social Movements, Peasant Movements in India, Labour movement.
21 Feb to 26 Feb	women movements, Responsible factors for lower status of women. Long question test of Unit III & IV will be taken.
28 Feb to 5 March	Environment movements in India history of objective test will be taken
7 March to 8 March	Revision work.

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Mrs Dimple Aggarwal, Mrs. Manita wadhwa
Class with sem :	B.A II (III Sem)
Subject / Paper :-	Political Science, (Principles of Political Science)

Week	Topics
16-Oct	Introduce the syllabus
18 Oct to 23 Oct	Political Theory - Its Definition, Nature, Scope and significance. Is Political science a science or an art?
25 Oct to 30 Oct	Relation of Political ^{Science} Theory with History, Economics, sociology and psychology.
1 Nov to 3 Nov	Objective Type questions of Unit I
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	State - Its meaning and Definition of state, Elements of state, Difference between state and Government, Difference between state and society
15 Nov to 20 Nov	Difference between state and association, Divine origin Theory of state, force Theory, Doubt class
22 Nov to 27 Nov	Patriarchal Theory, Matriarchal Theory, Rousseau's Theory of General will Historical or Evolutionary Theory
29 Nov to 4 Dec	Social Contract Theory of Hobbes, John Locke, and Rousseau, Criticism of social Contract Theory
06 Dec to 11 Dec	Objective Type questions of II unit Doubt classes Test of Unit I

13 Dec to 18 Dec	Marxian Theory of the origin of state, Problem solving classes
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Revision of Unit - I and II Test of Unit II
3 Jan to 8 Jan	Nature of state: Liberal perspective of state, Marxian view of the Nature of state. Differ
10 Jan to 15 Jan	Differences between Liberal and Marxian Theory, functions of the state according to liberalism.
17 Jan to 22 Jan	functions of the state according to socialist, Doubt class
24 Jan to 29 Jan	welfare state - definitions and aims of welfare state, Compulsory and welfare functions of the state.
31 Jan to 5 Feb	developmental functions Revision of Unit - 3rd
7 Feb to 12 Feb	Objective type questions of unit - 3rd Test Doubt classes
14 Feb to 19 Feb	Meaning, definition of Sovereignty, Theory of popular sovereignty
21 Feb to 26 Feb	Austin's Theory of Sovereignty Pluralist aspect of sovereignty objective type of questions
28 Feb to 5 March	Revision, Test, Doubt classes
7 March to 8 March	Oral viva

Lesson Plan from October - 2021 to March - 2022

UG - I, II, III

Lecturer :	Mamta Wadhwa / Sushila Kaur / Dimple Aggarwal.
Class with sem :	B.A. III / V. sem
Subject / Paper :-	Political science / Comparative Politics.

Week	Topics
16-Oct	Introduce the syllabus.
18 Oct to 23 Oct	Comparative Politics - Meaning, Definition, Features and scope will be explained.
25 Oct to 30 Oct	Importance of Comparative Politics Evaluation, scope and Problems of Comparative Politics will be explained.
1 Nov to 3 Nov	Composition of Comparative Politics with Comparative Govt. will be explained.
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	Comparative Method - Meaning, Definition, Features will be explained.
15 Nov to 20 Nov	Meaning, Definition, development and characteristics of Behaviouralism
22 Nov to 27 Nov	Objective questions of Unit 1 will be revised. Meaning, Definition, Important elements and development of Political development.
29 Nov to 4 Dec	Constitution - Meaning and Definition and types will be revised. Constitutionalism Meaning and development will be explained.
06 Dec to 11 Dec	Differences between Constitution and Constitutionalism and Problems of Constitutionalism will be explained.

13 Dec to 18 Dec	Political culture - Meaning, Definition, Necessity, characteristics, and different kind of political culture will be explained.
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	Objective questions of unit 2 will be revised and unit test of ch 1 will be taken. Discuss the Problems and queries.
3 Jan to 8 Jan	Legislative - Meaning, Definition, Different function. Argument in favour and against of Bicameralism.
10 Jan to 15 Jan	Direct Legislative - Meaning, feature Merits and Demerits will be explained. Objective question of unit 3 will be explained.
17 Jan to 22 Jan	Judiciary - Meaning, Definition, function will be explained. Discuss the way to ensure the independence of Judiciary.
24 Jan to 29 Jan	Theory of separation of Powers will be explained. Importance and Criticism will be discussed. Objective question of unit 3 revised.
31 Jan to 5 Feb	Political Parties - Meaning, Definition, and essential elements will be explained. Revised unit 2 and Test of unit 2 will be taken.
7 Feb to 12 Feb	Merits and Demerits of Multi Party system and single Party system will be explained. Discuss the students Problems. Test of unit 3 will be taken.
14 Feb to 19 Feb	Pressure Group - Meaning, Definition - feature and way of work and Difference of Political parties and Pressure group will be explained.
21 Feb to 26 Feb	Merits and Demerits of Pressure groups will be explained. Discuss the students Problems regarding unit 4.
28 Feb to 5 March	Unit test of unit 4 will be taken. Objective question of unit 4 will be taken. oral test of objective part of all units.
7 March to 8 March	Revision work will be done.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :-	Tamanna Gupta
Class with sem :	B.A-I / Ist semester
Subject / Paper :-	Foundation of Psychology

Week	Topics
16-Oct	Meaning and Nature of Psychology
18 Oct to 23 Oct	<ul style="list-style-type: none"> • Scope of Psychology • Origin and History of Psychology
25 Oct to 30 Oct	Methods of Psychology : Observation and Experimental Method
1 Nov to 3 Nov	<ul style="list-style-type: none"> • Psychology : A Science and a Perspective • Practical 1 - EPQ
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	<ul style="list-style-type: none"> • Meaning and Characteristics of Sensations • Nature of Perception • Practical 2 - Study of Emotions
15 Nov to 20 Nov	<ul style="list-style-type: none"> • Laws of Perceptual Organisation • Classical Conditioning
22 Nov to 27 Nov	<ul style="list-style-type: none"> • Unit - 1 Test • operant Conditioning • Revision of classical and operant Conditioning
29 Nov to 4 Dec	<ul style="list-style-type: none"> • Practical 1 and 2 Revision • Observational Learning • Memory Processes : Information Processing Model
06 Dec to 11 Dec	<ul style="list-style-type: none"> • Unit 2 Revision • Unit 2 Test • Practical 1 and 2 Test

13 Dec to 18 Dec	<ul style="list-style-type: none"> • Nature and Determinants of Motivation • Biogenic and Sociogenic Motives
19 Dec to 26 Dec	<ul style="list-style-type: none"> • Practical 3 <p>Winter Vacations</p>
27 Dec to 1 Jan	<ul style="list-style-type: none"> • Practical 3 : Verbal Test of Intelligence • Revision of Biogenic and Sociogenic Motives • Test of Motivation's Chapter
3 Jan to 8 Jan	<ul style="list-style-type: none"> • Nature, Determinants and Aspects of Emotions
10 Jan to 15 Jan	<ul style="list-style-type: none"> • Theories of Emotion : James-Lange Theory and Cannon-Bard Theory
17 Jan to 22 Jan	<ul style="list-style-type: none"> • Practical 3 - Test and Revision • Test of Emotions' Theory
24 Jan to 29 Jan	<ul style="list-style-type: none"> • Nature and Determinants of Personality
31 Jan to 5 Feb	<ul style="list-style-type: none"> • Theories of Personality : Cattell and Allport
7 Feb to 12 Feb	<ul style="list-style-type: none"> • Revision of Personality Theories • Test of Personality Chapter
14 Feb to 19 Feb	<ul style="list-style-type: none"> • Nature and Determinants of Intelligence • Practical - 4 - STM
21 Feb to 26 Feb	<ul style="list-style-type: none"> • Spearman Theory of Intelligence • Thurston Theory of Intelligence
28 Feb to 5 March	<ul style="list-style-type: none"> • Practical 4 - Revision and Test • Practical 5 - LTM • Revision of Intelligence Theories
7 March to 8 March	<ul style="list-style-type: none"> • Practical 5 - Revision and Test • Test of Intelligence Theories

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	TAMANNA GUPTA, MEGHA
Class with sem :	B.A II , 3rd Sem
Subject / Paper :-	Psychology / Social Psychology

Week	Topics
16-Oct	<ul style="list-style-type: none"> Introduction of Social Psychology : Nature
18 Oct to 23 Oct	<ul style="list-style-type: none"> Social Psychology Subject matter Class Doubts. Practical 1
25 Oct to 30 Oct	<ul style="list-style-type: none"> Socialization : Nature , Process Agents of Socialization
1 Nov to 3 Nov	<ul style="list-style-type: none"> Doubt Session Revision of Unit -I , Test Practical 2
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	<ul style="list-style-type: none"> Group: Types & functions Social Norms: Meaning , Characteristics & function.
15 Nov to 20 Nov	<ul style="list-style-type: none"> Formation of Social Norms. Introduction of Leadership. Practical 3
22 Nov to 27 Nov	<ul style="list-style-type: none"> Leadership : Types , functions. Theories of Leadership
29 Nov to 4 Dec	<ul style="list-style-type: none"> Trait theory of Leadership Situational theory of Leadership Interactional theory of Leadership
06 Dec to 11 Dec	<ul style="list-style-type: none"> Doubt Session Revision of Unit -II , Class Test Practical 4

13 Dec to 18 Dec	<ul style="list-style-type: none"> Attitudes : characteristics Development of attitude Attitude Change
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	<ul style="list-style-type: none"> Introduction of Prejudice Nature of Prejudice Development of Prejudice
3 Jan to 8 Jan	<ul style="list-style-type: none"> Meaning & Nature of Stereotypes Characteristic of Stereotypes Significance of Stereotypes.
10 Jan to 15 Jan	<ul style="list-style-type: none"> Doubt Session, Group Discussion Revision of Unit III, Class Test Practical 5
17 Jan to 22 Jan	<ul style="list-style-type: none"> Prosocial Behaviour : Nature, Determinants Cognitive Model
24 Jan to 29 Jan	<ul style="list-style-type: none"> Introduction of Aggression: Nature, characteristic Determinants
31 Jan to 5 Feb	<ul style="list-style-type: none"> Aggression : Prevention Practical 6
7 Feb to 12 Feb	<ul style="list-style-type: none"> Group Discussion Doubt Session, Revision of Unit IV Class Test
14 Feb to 19 Feb	<ul style="list-style-type: none"> Revision of Practicals Doubt Session
21 Feb to 26 Feb	<ul style="list-style-type: none"> Practical Exam
28 Feb to 5 March	<ul style="list-style-type: none"> Revision of whole Syllabus
7 March to 8 March	<ul style="list-style-type: none"> Revision of whole Syllabus.

Lesson Plan from October - 2021 to March - 2022
UG - I, II, III

Lecturer :	MEGHA
Class with sem :	B.A III , 5th Sem
Subject / Paper :-	Psychology / Psychopathology

Week	Topics
16-Oct	<ul style="list-style-type: none"> Introduction of Psychopathology
18 Oct to 23 Oct	<ul style="list-style-type: none"> Concept of Normality Concept of Abnormality & difference b/w normality & Abnormality. Practical 1
25 Oct to 30 Oct	<ul style="list-style-type: none"> Models of Psychopathology : Biological Model Psychodynamic, Behavioural Model
1 Nov to 3 Nov	<ul style="list-style-type: none"> Cognitive Model Doubt session, Revision of Unit I & Class Test Practical 2
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	<ul style="list-style-type: none"> Classification of Psychopathology : Need for classification DSM System
15 Nov to 20 Nov	<ul style="list-style-type: none"> Diagnostic Assessment : Case History Method Practical 3
22 Nov to 27 Nov	<ul style="list-style-type: none"> Interview Method Projective techniques
29 Nov to 4 Dec	<ul style="list-style-type: none"> Doubt classes Revision of Unit II Class Test
06 Dec to 11 Dec	<ul style="list-style-type: none"> Anxiety Based Disorders Practical 4

13 Dec to 18 Dec	<ul style="list-style-type: none"> Generalized Anxiety Disorder (GAD) Obsessive Compulsive Disorder (OCD) (Symptoms, causes, treatment)
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	<ul style="list-style-type: none"> Phobic Disorders: (Symptoms, etiology, treatment)
3 Jan to 8 Jan	<ul style="list-style-type: none"> Substance / Drug Abuse: Causes, Consequences and Rehabilitation
10 Jan to 15 Jan	<ul style="list-style-type: none"> Doubt classes Revision of Unit III, Class Test Practical 5.
17 Jan to 22 Jan	<ul style="list-style-type: none"> Mood Disorders Unipolar Bipolar (Symptoms, etiology, treatment)
24 Jan to 29 Jan	<ul style="list-style-type: none"> Schizophrenia Nature Types of schizophrenia
31 Jan to 5 Feb	<ul style="list-style-type: none"> Etiology, symptoms, treatment of schizophrenia Practical 6
7 Feb to 12 Feb	<ul style="list-style-type: none"> Group Discussion Doubt Session, Revision of Unit IV Class Test
14 Feb to 19 Feb	<ul style="list-style-type: none"> Revision of Practicals Doubt session
21 Feb to 26 Feb	<ul style="list-style-type: none"> Practical Exam
28 Feb to 5 March	<ul style="list-style-type: none"> Revision of whole Syllabus
7 March to 8 March	<ul style="list-style-type: none"> Revision of whole Syllabus . . .

**UG - LESSON PLAN FOR THE SESSION 2021-22
FROM OCT 2021 TO MAR 2022**

Lecturer :	Dr. Suman, Assistant Professor in Sanskrit
Class with Sem. :	B.A. 1st Semester
Subject:	Sanskrit Elective
Name of Paper:	पद्यभाष्य (Poetry) Core Course
Lesson Plan for 22 Week (Oct 2021 to March 2022)	
WEEK	TOPICS
16-Oct	संस्कृत-वाङ्मयव्यवहार परिचय,
18 Oct to 23 Oct	संस्कृत- व्यावहार साहस्री - पाठ-1 - 3 ; शब्दरूप - राम ; धातुरूप - भू
25 Oct to 30 Oct	संस्कृत- व्यावहार साहस्री - पाठ-4 - 5 ; धातुरूप - हस् ; शब्दरूप - पितृ
1 Nov to 3 Nov	संस्कृत- व्यावहार साहस्री - पाठ-6 - 8 ; धातुरूप - गम् ; शब्दरूप - मातृ
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	द्वितीयपदः (मित्र लाभः) परिचय & प्रस्ताविका - श्लोक - 1 - 18, द्वितीयपदः (मित्र लाभः) - प्रश्न ; धातुरूप - अस् ; शब्दरूप - येषु
15 Nov to 20 Nov	द्वितीयपदः (मित्र लाभः) प्रस्ताविका - श्लोक - 19 - 41, द्वितीयपदः (मित्र लाभः) - प्रश्न ; धातुरूप - डञ् ; शब्दरूप - यथु
22 Nov to 27 Nov	द्वितीयपदः (मित्र लाभः) प्रस्ताविका - श्लोक - 42 - 65, द्वितीयपदः (मित्र लाभः) - प्रश्न ; अच् सन्धिः ; धातुरूप - कृथ् ; शब्दरूप - वारि
29 Nov to 4 Dec	द्वितीयपदः (मित्र लाभः) प्रस्ताविका - श्लोक - 66 - 89, द्वितीयपदः (मित्र लाभः) - प्रश्न ; अच् सन्धिः ; धातुरूप - नञ् ; शब्दरूप - मधु
06 Dec to 11 Dec	द्वितीयपदः (मित्र लाभः) प्रस्ताविका - श्लोक - 90 - 113, द्वितीयपदः (मित्र लाभः) - प्रश्न ; अच् सन्धिः ; धातुरूप - नम् ; शब्दरूप - नदी
13 Dec to 18 Dec	द्वितीयपदः (मित्र लाभः) प्रस्ताविका - श्लोक - 114 - 137, द्वितीयपदः (मित्र लाभः) - प्रश्न ; ङच् सन्धिः ; धातुरूप - नृत् ; शब्दरूप - मति
19 Dec to 26 Dec	Winter Vacation
27 Dec to 1 Jan	द्वितीयपदः (मित्र लाभः) प्रस्ताविका - श्लोक - 138 - 161, द्वितीयपदः (मित्र लाभः) - प्रश्न ; ङच् सन्धिः ; धातुरूप - पठ् ; शब्दरूप - लता
3 Jan to 8 Jan	द्वितीयपदः (मित्र लाभः) प्रस्ताविका - श्लोक - 162 - 185, द्वितीयपदः (मित्र लाभः) - प्रश्न ; विसर्ग सन्धिः ; धातुरूप - इप् ; शब्दरूप - भानु
10 Jan to 15 Jan	द्वितीयपदः (मित्र लाभः) प्रस्ताविका - श्लोक - 186 - 209, द्वितीयपदः (मित्र लाभः) - प्रश्न ; विसर्ग सन्धिः ; धातुरूप - अद् ; शब्दरूप - रवि
17 Jan to 22 Jan	द्वितीयपदः (मित्र लाभः) प्रस्ताविका - श्लोक - 210 - 216 ; द्वितीयपदः (मित्र लाभः) - प्रश्न ; विसर्ग सन्धिः ; धातुरूप - ; शब्दरूप - फल
24 Jan to 29 Jan	वस्तुनिष्ठ प्रश्न
31 Jan to 5 Feb	वस्तुनिष्ठ प्रश्न
7 Feb to 12 Feb	वस्तुनिष्ठ प्रश्न
14 Feb to 19 Feb	वस्तुनिष्ठ प्रश्न
21 Feb to 26 Feb	REVISION AND TEST/ASSIGNMENT
28 Feb to 5 March	REVISION AND TEST/ASSIGNMENT
7 March to 8 March	REVISION AND TEST/ASSIGNMENT

**UG - LESSON PLAN FOR THE SESSION 2021-22
FROM OCT 2021 TO MAR 2022**

Lecturer :	Dr. Suman, Assistant Professor in Sanskrit
Class with Sem. :	B.A. 3rd Semester
Subject:	Sanskrit Elective
Lesson Plan for 22 Week (Oct 2021 to March 2022)	

Week	Topics
16-Oct	संस्कृत-वाङ्मयव्याख्यान परिचय
18 Oct to 23 Oct	संस्कृत- व्याख्यान साहस्री - पाठ 9 - 11 ; णिजन्त व सञ्जन्त रूप - श्रु, पठ्
25 Oct to 30 Oct	संस्कृत- व्याख्यान साहस्री - पाठ 12 - 13 ; णिजन्त व सञ्जन्त रूप - गम्, पा
1 Nov to 3 Nov	संस्कृत- व्याख्यान साहस्री - पाठ 14 - 16 ; णिजन्त व सञ्जन्त रूप - लिस्, श्रु
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	वाल्मीकिपरिचय , श्लोक - 1-10 ; णिजन्त व सञ्जन्त रूप - घृ, दा
15 Nov to 20 Nov	वाल्मीकिपरिचय - श्लोक - 11 - 20 ; णिजन्त व सञ्जन्त रूप - स्था, दन्
22 Nov to 27 Nov	वाल्मीकिपरिचय - श्लोक - 21 - 30 ; समास-अव्ययीभाव
29 Nov to 4 Dec	वाल्मीकिपरिचय - श्लोक - 31 - 40 ; समास-अव्ययीभाव
06 Dec to 11 Dec	वाल्मीकिपरिचय - श्लोक - 41 - 50 ; समास-अव्ययीभाव
13 Dec to 18 Dec	वाल्मीकिपरिचय - श्लोक - 51 - 60 ; समास-अव्ययीभाव
19 Dec to 26 Dec	Winter Vacation
27 Dec to 1 Jan	वाल्मीकिपरिचय - श्लोक - 61 - 70 ; समास-तत्पुरुष
3 Jan to 8 Jan	वाल्मीकिपरिचय - श्लोक - 71 - 80 ; समास-तत्पुरुष
10 Jan to 15 Jan	वाल्मीकिपरिचय - श्लोक - 81 - 90 ; तद्धित प्रत्यय - मतुप्
17 Jan to 22 Jan	वाल्मीकिपरिचय - श्लोक - 91 - 100 ; तद्धित प्रत्यय - मतुप्
24 Jan to 29 Jan	वाल्मीकिपरिचय वस्तुनिष्ठ प्रश्न ; तद्धित प्रत्यय - इनि, ठप्
31 Jan to 5 Feb	वाल्मीकिपरिचय वस्तुनिष्ठ प्रश्न , संस्कृत - अनुवाद ; तद्धित प्रत्यय - लृप्, तल्
7 Feb to 12 Feb	वस्तुनिष्ठ प्रश्न , संस्कृत - अनुवाद
14 Feb to 19 Feb	संस्कृत - अनुवाद
21 Feb to 26 Feb	संस्कृत - अनुवाद
28 Feb to 5 March	REVISION AND TEST/ASSIGNMENT
7 March to 8 March	REVISION AND TEST/ASSIGNMENT

**UG - LESSON PLAN FOR THE SESSION 2021-22
FROM OCT 2021 TO MAR 2022**

Lecturer :	Dr. Suman, Assistant Professor in Sanskrit
Class with Sem. :	B.A. 5th Semester
Subject:	Sanskrit Elective
Lesson Plan for 22 Week (Oct 2021 to March 2022)	

Week	Topics
16-Oct	संस्कृत-वाग्व्यवहार परिचय
18 Oct to 23 Oct	संस्कृत-वाग्व्यवहार - पाठ 17 - 19 ; संस्कृत साहित्य का इतिहास - परिचय
25 Oct to 30 Oct	संस्कृत- व्यवहार सादसी - पाठ-20 - 21 ; संस्कृत साहित्य का इतिहास (संदिगा) - ऋग्वेद
1 Nov to 3 Nov	संस्कृत- व्यवहार सादसी - पाठ-18 ; संस्कृत साहित्य का इतिहास (संदिगा) - यजुर्वेद
4 Nov to 7 Nov	Diwali Vacation
8 Nov to 13 Nov	अभिज्ञानशाकुन्तलम् परिचय , (1-अंक) श्लोक-1 - 9 ; संस्कृत साहित्य का इतिहास (संदिगा) - सामवेद
15 Nov to 20 Nov	अभिज्ञानशाकुन्तलम् (1-अंक) श्लोक- 10 - 23 ; संस्कृत साहित्य का इतिहास (संदिगा) - अथर्ववेद
22 Nov to 27 Nov	अभिज्ञानशाकुन्तलम् (1-अंक) श्लोक- 24 - 34 ; संस्कृत साहित्य का इतिहास - ब्राह्मण
29 Nov to 4 Dec	अभिज्ञानशाकुन्तलम् (2-अंक) श्लोक-1 - 9 ; संस्कृत साहित्य का इतिहास - आरण्यक
06 Dec to 11 Dec	अभिज्ञानशाकुन्तलम् (2-अंक) श्लोक- 10 - 18 ; संस्कृत साहित्य का इतिहास - उपनिषद्
13 Dec to 18 Dec	अभिज्ञानशाकुन्तलम् (3-अंक) श्लोक-1 - 8 ; संस्कृत साहित्य का इतिहास - उपनिषद्
19 Dec to 26 Dec	Winter Vacations
27 Dec to 1 Jan	अभिज्ञानशाकुन्तलम् (3-अंक) श्लोक- 9 - 17 ; संस्कृत साहित्य का इतिहास - उपनिषद्
3 Jan to 8 Jan	अभिज्ञानशाकुन्तलम् (3-अंक) श्लोक- 18 - 24 ; संस्कृत साहित्य का इतिहास - वेदांग
10 Jan to 15 Jan	अभिज्ञानशाकुन्तलम् (4-अंक) श्लोक- 1 - 9 ; संस्कृत साहित्य का इतिहास - वेदांग
17 Jan to 22 Jan	अभिज्ञानशाकुन्तलम् (4-अंक) श्लोक- 10 - 18 ; स्त्री प्रत्यय प्रकरण
24 Jan to 29 Jan	अभिज्ञानशाकुन्तलम् (4-अंक) श्लोक- 19 - 22 , अभिज्ञानशाकुन्तलम् - त्रिंशत् विभ्रण - प्रश्न ; लघुसिद्धांतकौमुदी - स्त्री प्रत्यय प्रकरण
31 Jan to 5 Feb	अभिज्ञानशाकुन्तलम् - त्रिंशत् विभ्रण - प्रश्न ; लघुसिद्धांतकौमुदी - स्त्री प्रत्यय प्रकरण
7 Feb to 12 Feb	अभिज्ञानशाकुन्तलम् - सार-प्रश्न ; लघुसिद्धांतकौमुदी - स्त्री प्रत्यय प्रकरण
14 Feb to 19 Feb	अभिज्ञानशाकुन्तलम् - वस्तुनिष्ठ प्रश्न ; लघुसिद्धांतकौमुदी - स्त्री प्रत्यय प्रकरण
21 Feb to 26 Feb	वस्तुनिष्ठ प्रश्न
28 Feb to 5 March	REVISION AND TEST/ASSIGNMENT
7 March to 8 March	REVISION AND TEST/ASSIGNMENT