GOVERNMENT COLLEGE FOR WOMEN, HISAR

Lesson Plan August 2026 to November/December 2026

Name of Teacher: Sonal
Class: - B.A./ B.Sc
Subject:-Minor (Sets and Sequences)
Subject Code:-C24MIC115T

External Marks -35 *Internal Marks- 15* *Total Marks -50*

Date	Week	Topics to be covered
05.08.2026 to 08.08.2026	Week 1	Sets and their representation
10.08.2026 to 15.08.2026	Week 2	Empty set, finite and infinite sets
17.08.2026 to 22.08.2026	Week 3	Subsets, Equal sets, Power sets
24.08.2026 to 29.08.2026	Week 4	Universal set, Union and intersections of sets
31.08.2026 to 05.09.2026	Week 5	Difference of two sets
07.09.2026 to 12.09.2026	Week 6	Complement of a set, Venn Diagram
14.09.2026 to 19.09.2026	Week 7	De-Morgan's Laws and their applications
21.09.2026 to 26.09.2026	Week 8	Arithmetic progression , assignment
28.09.2026 to 03.10.2026	Week 9	Geometric progression
05.10.2026 to 10.10.2026	Week 10	Harmonic progression
12.10.2026 to 17.10.2026	Week 11	Arithmetic mean (A.M.)
19.10.2026 to 24.10.2026	Week 12	Geometric mean(G.M.)
26.10.2026 to 31.10.2026	Week 13	Test, revision
11.11.2026 to 14.11.2026	Week 14	Harmonic mean(H.M.)
16.11.2026 to 21.11.2026	Week 15	Relation between A.M.,G.M., H.M.
23.11.2026 to 28.11.2026	Week 16	Revision
30.11.2026 to 04.12.2026	Week 17	Revision

Teacher's Signature 7/09/2026

Principal 02/9/26
GCW, Hisar

GOVERNMENT COLLEGE FOR WOMEN, HISAR

Lesson Plan August 2026 to November/December 2026

Name of Teacher: Sonal
Class: - B.A./ B.Com
Subject:-MDC(Mathematics for Everyday Life)
Subject Code:-C24MDC119T

External Marks -50 ***Internal Marks- 25*** ***Total Marks -75***

Date	Week	Topics to be covered
05.08.2026 to 08.08.2026	Week 1	Numbers. L.C.M.
10.08.2026 to 15.08.2026	Week 2	L.C.M.,H.C.F. of numbers
17.08.2026 to 22.08.2026	Week 3	Decimal and fractions
24.08.2026 to 29.08.2026	Week 4	Square roots
31.08.2026 to 05.09.2026	Week 5	Cube roots
07.09.2026 to 12.09.2026	Week 6	Average, Problem on numbers
14.09.2026 to 19.09.2026	Week 7	Problems on ages
21.09.2026 to 26.09.2026	Week 8	Surds and Indices
28.09.2026 to 03.10.2026	Week 9	Percentage, Assignment
05.10.2026 to 10.10.2026	Week 10	Profit and loss
12.10.2026 to 17.10.2026	Week 11	Ratio and proportion, Test
19.10.2026 to 24.10.2026	Week 12	Partnership,Chain rule
26.10.2026 to 31.10.2026	Week 13	Problems on calendar and clocks
11.11.2026 to 14.11.2026	Week 14	Time and Work
16.11.2026 to 21.11.2026	Week 15	Time and Distance
23.11.2026 to 28.11.2026	Week 16	Area, volume and surface area
30.11.2026 to 04.12.2026	Week 17	Revision

Sonal 21/09/2026
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GOVERNMENT COLLEGE FOR WOMEN, HISAR

Lesson Plan July 2026 to November/December 2026

Name of Teacher: Dr.. Kuldeep Singh
Class: - B.A. III/B.Sc. III
Subject:-Applicable Calculus
Subject Code:-C24VOC515T
External Marks -35 **Internal Marks-15** **Total Marks -50**

Date	Week	Topics to be covered
20.07.2026 to 25.07.2026	Week 1	Functions
27.07.2026 to 01.08.2026	Week 2	Domain and Range
03.08.2026 to 08.08.2026	Week 3	Elementary Algebraic and Geometric
10.08.2026 to 15.08.2026	Week 4	Exponential and Logarithmic
17.08.2026 to 22.08.2026	Week 5	Trigonometric Functions, along with their limits (with example)
24.08.2026 to 29.08.2026	Week 6	Trigonometric Functions, along with their limits (with example)
31.08.2026 to 05.09.2026	Week 7	Definition of derivatives
07.09.2026 to 12.09.2026	Week 8	Derivative of a function of one variable
14.09.2026 to 19.09.2026	Week 9	Derivative of a function of one variable
21.09.2026 to 26.09.2026	Week 10	General rules of differentiation.
28.09.2026 to 03.10.2026	Week 11	Geometrical interpretation of derivatives
05.10.2026 to 10.10.2026	Week 12	Successive differentiation
12.10.2026 to 17.10.2026	Week 13	Successive differentiation
19.10.2026 to 24.10.2026	Week 14	Applications of derivatives: Velocity and acceleration
26.10.2026 to 31.10.2026	Week 15	Applications of derivatives: Velocity and acceleration
11.11.2026 to 14.11.2026	Week 16	Marginal cost
16.11.2026 to 21.11.2026	Week 17	marginal revenue
23.11.2026 to 28.11.2026	Week 18	Revision
30.11.2026 to 04.12.2026	Week 19	Test

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Lesson Plan July 2026 to November/December 2026

Name of Teacher: Dr. Kuldeep Singh
Class: - B.A. II/B.Sc. II
Subject:-Mathematical Statistics
Subject Code:-C24MIC101T
External Marks - 70 Internal Marks- 30 Total Marks -100

Date	Week	Topics to be covered
01.08.2026 to 02.08.2026		Definition and Importance.
03.08.2026 to 08.08.2026	Week 1	Applications of Statistics in Real Life (e.g., business, health, sports, education), Types of Data: Qualitative vs. Quantitative Data.
10.08.2026 to 15.08.2026	Week 2	Discrete vs continuous Data, Primary and Secondary Data,
17.08.2026 to 22.08.2026	Week 3	Data Collection and Organization Methods of Data
24.08.2026 to 29.08.2026	Week 4	Collection: Surveys, Experiments, and Observations,
31.08.2026 to 05.09.2026	Week 5	Sampling Techniques (Random, Stratified, Systematic),
07.09.2026 to 12.09.2026	Week 6	Organizing Data: Frequency Distribution Tables, Grouped and ungrouped Dista, Tally Marks.
14.09.2026 to 19.09.2026	Week 7	Data Representation, Graphical Representation of Data: Bar Graphs, Pie Charts, Line Graphs,
21.09.2026 to 26.09.2026	Week 8	Histograms and Frequency Polygons, Interpretation of Graphs and Charts.
28.09.2026 to 03.10.2026	Week 9	Measures of Central Tendency: Mean (Arithmetic Average)
05.10.2026 to 10.10.2026	Week 10	Calculation for Ungrouped and Grouped Data,
12.10.2026 to 17.10.2026	Week 11	Median: Finding the Middle Value for Ungrouped and Grouped Data,
19.10.2026 to 24.10.2026	Week 12	Mode: Identifying the Most Frequent Value
26.10.2026 to 31.10.2026	Week 13	Measures of Dispersion: - Range-Definition and its Calculations
11.11.2026 to 14.11.2026	Week 14	Variance and Standard Deviation
16.11.2026 to 21.11.2026	Week 15	Interquartile Range (IQR)-Understanding Quartiles and Spread
23.11.2026 to 28.11.2026	Week 16	Revision
30.11.2026 to 04.12.2026	Week 17	Test

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GOVERNMENT COLLEGE FOR WOMEN, HISAR

Lesson Plan July 2026 to November/December 2026

Name of Teacher: Dr Harsha
Class: - B.Sc. II/ B.A. II
Subject:-Differential Equations
Subject Code:-C24MAT301T

External Marks - ***Internal Marks-*** ***Total Marks -***

Date	Week	Topics to be covered
01.08.2026 to 08.08.2026	Week 1	1. Geometrical meaning of a differential equation.. 2. Homogeneous linear ordinary differential equations. Equations reducible to homogeneous.
10.08.2026 to 15.08.2026	Week 2	1. Exact differential equations..- related problems and solutions
17.08.2026 to 22.08.2026	Week 3	integrating factors-I
24.08.2026 to 29.08.2026	Week 4	Integrating factors-II
31.08.2026 to 05.09.2026	Week 5	Integrating factors-III
07.09.2026 to 12.09.2026	Week 6	First order higher degree equations solvable for x,y,p -I
14.09.2026 to 19.09.2026	Week 7	First order higher degree equations solvable for x,y,p -II
21.09.2026 to 26.09.2026	Week 8	First order higher degree equations solvable for x,y,p -III
28.09.2026 to 03.10.2026	Week 9	Lagrange's equations. Clairaut's equations. Equations reducible to Clairaut's form
05.10.2026 to 10.10.2026	Week 10	Singular solutions. Linear differential equations with constant coefficients
12.10.2026 to 17.10.2026	Week 11	Ordinary simultaneous differential equations. Solution of simultaneous differential equations
19.10.2026 to 24.10.2026	Week 12	Partial differential equations: Formation, order and degree. Linear and Non-Linear Partial differential equations of the first order. Complete solution, singular solution, General solution.
26.10.2026 to 31.10.2026	Week 13	Solution of Lagrange's linear equations, Charpit's general method of solution.
11.11.2026 to 14.11.2026	Week 14	Linear partial differential equations of second and higher orders. Linear and non-linear homogeneous and non-homogeneous equations with constant coefficients
16.11.2026 to 21.11.2026	Week 15	Partial differential equations with variable coefficients reducible to equations with constant coefficients. **Complimentary functions and particular integrals, Tests and assignements**
23.11.2026 to 28.11.2026	Week 16	Classification of linear partial differential equations of second order, hyperbolic, parabolic and elliptic types.

30.11.2026 to 04.12.2026	Week 17	Reduction of second order linear partial differential equations to Canonical (Normal) forms and their solutions. Cauchy's problem for second order partial differential equations. Characteristic equations and characteristic curves of second order partial differential equations. doubts and Revision

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GOVERNMENT COLLEGE FOR WOMEN, HISAR

Lesson Plan July 2026 to November/December 2026

Name of Teacher: Dr Harsha
Class: - B.Sc. II/ B.A. II
Subject:-Special Functions and transforms techniques
Subject Code:-C24MAT329T(1)

External Marks - ***Internal Marks-*** ***Total Marks -***

Date	Week	Topics to be covered
01.08.2026 to 08.08.2026	Week 1	**Unit -I** Series solution of differential equations – Power Series Method
10.08.2026 to 15.08.2026	Week 2	Series solution of differential equations – Power Series Method
17.08.2026 to 22.08.2026	Week 3	Series solution of differential equations – Power Series Method
24.08.2026 to 29.08.2026	Week 4	Series solution of differential equations – Power Series Method
31.08.2026 to 05.09.2026	Week 5	Bessel equations and their solutions
07.09.2026 to 12.09.2026	Week 6	Bessel equations and their solutions
14.09.2026 to 19.09.2026	Week 7	Legendre equations and their solutions
21.09.2026 to 26.09.2026	Week 8	Legendre equations and their solutions
28.09.2026 to 03.10.2026	Week 9	Hermite equations and their solutions, class test
05.10.2026 to 10.10.2026	Week 10	**Unit-II** Laplace Transforms
12.10.2026 to 17.10.2026	Week 11	Existence theorem for Laplace transforms
19.10.2026 to 24.10.2026	Week 12	Linearity of the Laplace transforms, Shifting theorems
26.10.2026 to 31.10.2026	Week 13	Laplace transforms of derivatives and integrals
11.11.2026 to 14.11.2026	Week 14	Differentiation and integration of Laplace transforms, class test
16.11.2026 to 21.11.2026	Week 15	Differentiation and integration of Laplace transforms
23.11.2026 to 28.11.2026	Week 16	Inverse Laplace transform, unit Test
30.11.2026 to 04.12.2026	Week 17	Applications of Laplace Transforms , problems and examples

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Lesson Plan July 2026 to November/December 2026

Name of Teacher: Dr Harsha
Class: - B.Sc. III /B.A. III
Subject:-Mathematical Analysis
Subject Code:-C24MAT501 T(i)
External Marks - 50 *Internal Marks- 20* *Total Marks -70*

Date	Week	Topics to be covered
20.07.2026 to 25.07.2026	Week 1	Improper integrals: Definition and examples,
27.07.2026 to 01.08.2026	Week 2	convergence of improper integrals, comparison tests, examples and problems
03.08.2026 to 08.08.2026	Week 3	Abel's and Dirichlet's tests, examples
10.08.2026 to 15.08.2026	Week 4	Sequence: Real sequences and their convergence,
17.08.2026 to 22.08.2026	Week 5	Theorems on limits of sequence, examples, doubts
24.08.2026 to 29.08.2026	Week 6	Bounded and monotonic sequences, Monotone Convergence Theorems, Cantor Intersection theorem
31.08.2026 to 05.09.2026	Week 7	Cauchy's sequence, Cauchy general principle of convergence. (Class Test)
07.09.2026 to 12.09.2026	Week 8	Limit superior and limit inferior, BWT, Subsequence, Limit Point
14.09.2026 to 19.09.2026	Week 9	Infinite series: Convergence and divergence of Infinite Series, Comparison Tests of positive
21.09.2026 to 26.09.2026	Week 10	Cauchy General principle of Convergence of series, examples ansd problems
28.09.2026 to 03.10.2026	Week 11	Convergence and divergence of geometric series, Hyper Harmonic series or pseries, D-Alembert's ratio test,
05.10.2026 to 10.10.2026	Week 12	Raabe's test, Logarithmic test. (Class Test)
12.10.2026 to 17.10.2026	Week 13	Metric space: Definition and examples, subspace,
19.10.2026 to 24.10.2026	Week 14	neighbourhood of a point, limit and interior points, open and closed sets,
26.10.2026 to 31.10.2026	Week 15	Cauchy sequence, convergence, completeness (Minor Test)
11.11.2026 to 14.11.2026	Week 16	Cantor intersection theorem, Baire category theorem, contraction principle.
16.11.2026 to 21.11.2026	Week 17	Boundedness of the set of real numbers, least upper bound, greatest lower bound of a set
23.11.2026 to 28.11.2026	Week 18	Neighbourhoods, interior points, isolated points, limit points, open sets, closed set.
30.11.2026 to 04.12.2026	Week 19	Riemann Integration, Definition , example, results,

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Lesson Plan August 2026 to November/December 2026

Name of Teacher : Anil Kumar
Class: - B.Com-I Minor
Subject:- Business Mathematics
Subject Code:- C24MIC103T(i)

External Marks - 35 *Internal Marks- 15* *Total Marks - 50*

Date	Week	Topics to be covered
05.08.2026 to 08.08.2026	Week 1	**Unit-I** Logarithms: Definition, Laws
10.08.2026 to 15.08.2026	Week 2	Common Logarithms
17.08.2026 to 22.08.2026	Week 3	Parts of common logarithms Characteristics, Mantissa
24.08.2026 to 29.08.2026	Week 4	Anti-logarithms
31.08.2026 to 05.09.2026	Week 5	Method of finding anti-logarithm
07.09.2026 to 12.09.2026	Week 6	Annuity
14.09.2026 to 19.09.2026	Week 7	Compound Interest
21.09.2026 to 26.09.2026	Week 8	**Unit-II** Sequence and Series: Arithmetical Progression
28.09.2026 to 03.10.2026	Week 9	General term, Sum of finite numbers
05.10.2026 to 10.10.2026	Week 10	Arithmetic mean; Geometrical Progression - n th term of G.P
12.10.2026 to 17.10.2026	Week 11	Sum of first n terms, Sum to infinity
19.10.2026 to 24.10.2026	Week 12	Geometric mean
26.10.2026 to 31.10.2026	Week 13	Matrices: Definition of matrices: Types of matrices
11.11.2026 to 14.11.2026	Week 14	Algebra of matrices
16.11.2026 to 21.11.2026	Week 15	Determinants
23.11.2026 to 28.11.2026	Week 16	Properties of determinants
30.11.2026 to 04.12.2026	Week 17	Revision

Anil

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Lesson Plan August 2026 to November/December 2026

Name of Teacher : Anil Kumar
Class: - BA-I/B.Sc.-I(PS)
Subject:- Vector Calculus and Solid Geometry
Subject Code:- C24SEC129T (i)

External Marks - 35 ***Internal Marks- 15*** ***Total Marks - 50***

Date	Week	Topics to be covered
05.08.2026 to 08.08.2026	Week 1	Scalar and vector products of three and four vectors
10.08.2026 to 15.08.2026	Week 2	Reciprocal systems of vectors
17.08.2026 to 22.08.2026	Week 3	Differential operators
24.08.2026 to 29.08.2026	Week 4	Differentiation and partial differentiation of vector functions
31.08.2026 to 05.09.2026	Week 5	Gradient of a scalar point function, geometrical interpretation of gradient
07.09.2026 to 12.09.2026	Week 6	Divergence and curl of sums and product and their relative identities
14.09.2026 to 19.09.2026	Week 7	Laplacian operator
21.09.2026 to 26.09.2026	Week 8	General equation of sphere, Diametric form of sphere
28.09.2026 to 03.10.2026	Week 9	Center and radius of sphere, Plane section of a sphere
05.10.2026 to 10.10.2026	Week 10	Sphere through a given circle
12.10.2026 to 17.10.2026	Week 11	Intersection of two spheres
19.10.2026 to 24.10.2026	Week 12	Radical plane of two spheres
26.10.2026 to 31.10.2026	Week 13	Cylinder
11.11.2026 to 14.11.2026	Week 14	Right circular cylinder
16.11.2026 to 21.11.2026	Week 15	Enveloping cylinder
23.11.2026 to 28.11.2026	Week 16	Revision
30.11.2026 to 04.12.2026	Week 17	Revision

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Lesson Plan August 2026 to November/December 2026

Name of Teacher : Anil Kumar
Class: - BA-I VAC
Subject:- Contributions of Indian Mathematicians
Subject Code:- C24VAC114T

External Marks -35 *Internal Marks- 15* *Total Marks -50*

Date	Week	Topics to be covered
05.08.2026 to 08.08.2026	Week 1	Unit-I Contribution in Ancient and Medieval Period
10.08.2026 to 15.08.2026	Week 2	Development of Indian mathematics during Vedic and Ancient period
17.08.2026 to 22.08.2026	Week 3	Overview of the Vedic period, Mathematical ideas in the Vedas and manuscripts in Indian mathematics, Life, background, notable works
24.08.2026 to 29.08.2026	Week 4	Mathematical contribution of Baudhayana, Pingala,
31.08.2026 to 05.09.2026	Week 5	Aryabhata, Brahmagupta, Bhaskaracharya
07.09.2026 to 12.09.2026	Week 6	Mahaviracharya and Lilavati, Kerala School of Mathematics
14.09.2026 to 19.09.2026	Week 7	Madhava of Sangamagrama, Nilakantha Somayaji,
21.09.2026 to 26.09.2026	Week 8	Jyesthadeva: Overview of historical backgrounds and their contribution
28.09.2026 to 03.10.2026	Week 9	Unit-II Contribution in Modern Period: Srinivasa Ramanujan
05.10.2026 to 10.10.2026	Week 10	Satyendra Nath Bose, Radhanath Sikdar, P.C. Mahalanobis
12.10.2026 to 17.10.2026	Week 11	D.R. Kaprekar, Early life, Education, Challenges
19.10.2026 to 24.10.2026	Week 12	Achievements and their contribution
26.10.2026 to 31.10.2026	Week 13	Introduction to the prestigious Ramanujan Award, Fields Medal, Abel Prize and their significance
11.11.2026 to 14.11.2026	Week 14	Biography and contributions of illustrious mathematicians from India
16.11.2026 to 21.11.2026	Week 15	Subrahmanyan Chandrasekhar, C.R. Rao, S.R. Srinivasa Varadhan
23.11.2026 to 28.11.2026	Week 16	Akshay Venkatesh, Harish Chandra
30.11.2026 to 04.12.2026	Week 17	Revision

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Lesson Plan August 2026 to November/December 2026

Name of Teacher : Anil Kumar
Class: - BA-II/B.Com-II MDC
Subject:- Application of Mathematical Statistics in daily life
Subject Code:- C24MDC319T

External Marks - 50 *Internal Marks- 25* *Total Marks - 75*

Date	Week	Topics to be covered
03.08.2026 to 08.08.2026	Week 1	**Unit-I Introduction to Statistics:**-Definition and Importance.
10.08.2026 to 15.08.2026	Week 2	Applications of Statistics in Real Life (e.g., business, health, sports, education)
17.08.2026 to 22.08.2026	Week 3	**Types of Data**: Qualitative vs. Quantitative Data, Discrete vs. continuous Data
24.08.2026 to 29.08.2026	Week 4	Primary and Secondary Data
31.08.2026 to 05.09.2026	Week 5	**Organizing Data:** Frequency Distribution Tables
07.09.2026 to 12.09.2026	Week 6	Grouped and ungrouped Data
14.09.2026 to 19.09.2026	Week 7	**Unit-II Measures of Central Tendency:-Mean** (Arithmetic Average)
21.09.2026 to 26.09.2026	Week 8	Calculation for Ungrouped and Grouped Data
28.09.2026 to 03.10.2026	Week 9	**Median:** Finding the Middle Value for Ungrouped and Grouped Data
05.10.2026 to 10.10.2026	Week 10	**Mode**: Identifying the Most Frequent Value
12.10.2026 to 17.10.2026	Week 11	**Unit-III Measures of Dispersion:- Range** -Definition and Calculation, Variance
19.10.2026 to 24.10.2026	Week 12	Standard Deviation
26.10.2026 to 31.10.2026	Week 13	Concept and Basic Calculation for Ungrouped Data
11.11.2026 to 14.11.2026	Week 14	**Interquartile Range (IQR)**- Understanding Quartiles and Spread of Data
16.11.2026 to 21.11.2026	Week 15	**Interquartile Range (IQR)**- Understanding Quartiles and Spread of Data
23.11.2026 to 28.11.2026	Week 16	Revision
30.11.2026 to 04.12.2026	Week 17	Revision

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GOVERNMENT COLLEGE FOR WOMEN, HISAR

Lesson Plan August 2026 to November/December 2026

Name of Teacher : Anil Kumar
Class: - BA-III/B.Sc-III(PS)
Subject:- Discrete Structures
Subject Code:- C24MAT501T(ii)
External Marks - 50 ***Internal Marks- 20*** ***Total Marks - 70***

Date	Week	Topics to be covered
17.08.2026 to 22.08.2026	Week 1	Logic and Propositional Calculus: Propositions and logical operations, Logical connectives: negation, conjunction, disjunction, implication and biconditional
24.08.2026 to 29.08.2026	Week 2	Truth tables, Tautologies, contradictions and contingencies, Logical equivalence and logical implications, Laws of logic, Normal forms
31.08.2026 to 05.09.2026	Week 3	Disjunctive Normal Form (DNF), Conjunctive Normal Form (CNF); Predicate logic and quantifiers
07.09.2026 to 12.09.2026	Week 4	Universal and existential quantifiers, Negation of quantified statements
14.09.2026 to 19.09.2026	Week 5	Relations and Functions Definition of relation, Representation of relations: Ordered pairs, Matrix representation, Digraph representation, Types of relations: Reflexive relations, Symmetric relations, Antisymmetric relations, Transitive relations
21.09.2026 to 26.09.2026	Week 6	Equivalence relations: Equivalence classes and partition of sets, Closures of relations: Reflexive closure, Symmetric closure, Transitive closure, Warshall's Algorithm for transitive closure, Domain & Co-Domain of a function, Graph of a function, Function as a Relation
28.09.2026 to 03.10.2026	Week 7	Types of Function: Injective function, Surjective function, Bijective function, Identity and Constant functions, Invertible and Hashing functions, Graphical Representation of functions, Composition of functions, Method to find Inverse of a bijection.
05.10.2026 to 10.10.2026	Week 8	Posets and Lattices: Partial order relations and partially ordered sets
12.10.2026 to 17.10.2026	Week 9	Comparable and noncomparable elements, Hasse diagrams, Greatest and least elements, Minimal and maximal elements, Upper bounds and lower bounds
19.10.2026 to 24.10.2026	Week 10	Lattices and their properties, Types of lattices: Bounded lattices, Complemented lattices, Distributive lattices
26.10.2026 to 31.10.2026	Week 11	Counting Techniques and Recurrence Relations: Basic Counting Principles, Permutations and combinations with and without repetition, Pascal's identity and Pascal's triangle, Generalised Pigeonhole Principle and its applications in discrete structures, Inclusion Exclusion Principle and applications, Recurrence relations
11.11.2026 to 14.11.2026	Week 12	Formation of recurrence relations from counting problems, Types of recurrence relations: Linear recurrence relations
16.11.2026 to 21.11.2026	Week 13	, Homogeneous recurrence relations, Non-homogeneous recurrence relations, Order and degree of recurrence relations, Recursive algorithms and recursive functions, Solution of first-order recurrence relations
23.11.2026 to 28.11.2026	Week 14	Solution of second-order linear homogeneous recurrence relations with constant coefficients, Particular solution of simple non-homogeneous recurrence relations, Fibonacci sequence and recurrence modeling
30.11.2026 to 04.12.2026	Week 15	Revision

Anil

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