

Lesson Plan(2022-23) ODD Semester
Faculty-Dr.Sanjay Kumar
Subject-Algebra
Class-BA I

Date	Topics
5/9/22-12/9/22	Matrices, rank of a matrix
13/9/22-19/9/22	Characteristic Equation of a matrix
20/9/22-30/9/22	Application o Matrices to system of equations
1/10/22-10/10/22	Orthogonal and Unitary Matrices, Bilinear and Quadratic forms
11/10/22-17/10/22	Relation between roots and Coeficients of an equations
18/10/22-25/10/22	Transformation of equations
26/10/22-31/9/22	Solution of Cubic and Biquadratic Equations, Descartes Rules of signs
Nov.	Revision, Tests, Assignments

Signature

Lesson Plan(2022-23) ODD Semester
Faculty-Dr. Sanjay Kumar
Subject-Calculus
Class-BA I and B.Sc. I CS

Date	Topics
5/9/22-12/9/22	Limit , Continuity and Differntiability,
13/9/22-19/9/22	Succeesive Differentiation, General Theorem on Exapnsion
20/9/22-30/9/22	Asymptotes, Singular Points
1/10/22-10/10/22	Curve Tracing
11/10/22-17/10/22	Reduction formulae, Rectiication
18/10/22-25/10/22	Quadrature
26/10/22-31/9/22	Volume and Area of Solid of revolution
Nov.	Revision, Tests, Assignments

Signature

Government College for Women, Hisar

Lesson Plan

Session 2022-23 Odd Semester

Class : BA-II, B.Sc-II	Teacher Name : Mr. Anil Budania & Ms. Aarju
Subject : Advance Calculus	Subject Code : CML-306, BAMH-201
Date	Topics
29/8/2022-3/9/2022	Continuous Functions
5/9/2022-10/9/2022	The Derivative and Mean Value Theorems
12/9/2022-17/9/2022	Indeterminate Forms
19/9/2022-24/9/2022	Limit and Continuity of Functions of Two Variables
26/9/2022-1/10/2022	Partial Differentiation
3/10/2022-8/10/2022	Differentiability of Functions of Two Variables
10/10/2022-15/10/2022	Jacobians
17/10/2022-22/10/2022	Beta and Gamma Functions
24/10/2022-29/10/2022	Double and Triple Integrals
31/10/2022-5/11/2022	Dirichlet's Integral and Change of Order of Integration
7/11/2022-12/11/2022	Assignments
14/11/2022-19/11/2022	Tests
21/11/2-22-26/11/2022	Revision

Signature

Government College for Women, Hisar

Lesson Plan

Session 2022-23 Odd Semester

Class : BA & B.Sc.-II	Teacher Name : Mr. Anil Budania & Ms. Aarti
Subject : Numerical Analysis	Subject Code : BAMH-202 & CML-307
Date	Topics
29/8/2022-3/9/2022	Finite Difference Operators
5/9/2022-10/9/2022	Interpolation with Equal Intervals
12/9/2022-17/9/2022	Interpolation with Unequal Intervals
19/9/2022-24/9/2022	Central Difference Interpolation Formulae
26/9/2022-1/10/2022	Numerical Differentiation
3/10/2022-8/10/2022	Numerical Integration
10/10/2022-15/10/2022	Solution of Algebraic and Transcendental Equations
17/10/2022-22/10/2022	Simultaneous Linear Algebraic Equations
24/10/2022-29/10/2022	Eigen Value Problems
31/10/2022-5/11/2022	Numerical Solution of Ordinary Differential Equations
7/11/2022-12/11/2022	Assignments
14/11/2022-19/11/2022	Tests
21/11/2-22-26/11/2022	Revision

Signature

Lesson Plan(2022-23) ODD Semester
Faculty-Dr.HARSHA
Subject-Algebra
Class-BsC. I NM,COMP.SC

Date	Topics
5/9/22-12/9/22	Matrices, rank of a matrix
13/9/22-19/9/22	Characteristic Equation of a matrix
20/9/22-30/9/22	Application o Matrices to system of equations
1/10/22-10/10/22	Orthogonal and Unitary Matrices, Bilinear and Quadratic forms
11/10/22-17/10/22	Relation between roots and Coeficients of an equations
18/10/22-25/10/22	Transformation of equations
26/10/22-31/9/22	Solution of Cubic and Biquadratic Equations, Descartes Rules of signs
Nov.	Revision, Tests, Assignments

Signature

Lesson Plan(2022-23) ODD Semester
Faculty-Dr. HARSHA
Subject-Calculus
Class-BSC.I NM

Date	Topics
5/9/22-12/9/22	Limit , Continuity and Differntiability,
13/9/22-19/9/22	Succeesive Differentiation, General Theorem on Exapnsion
20/9/22-30/9/22	Asymptotes, Singular Points
1/10/22-10/10/22	Curve Tracing
11/10/22-17/10/22	Reduction formulae, Rectiication
18/10/22-25/10/22	Quadrature, CURVATURE
26/10/22-31/9/22	Volume and Area of Solid of revolution
Nov.	Revision, Tests, Assignments

Signature

Government College for Women, Hisar	
Lesson Plan	
Session 2022-23 Odd Semester	
Class : B.ScIII (NM),BA	Teacher Name : Mrs. Sonal Rani
Subject : Number Theory and Trigonometry	Subject Code : CML-508(i)
Date	Topics
29/8/2022-3/9/2022	Linear Diophantine equation,prime counting function,prime no. theorm
5/9/2022-10/9/2022	linear congruences, complete residue system,Fermat's theorm,Wilson's Theorm
12/9/2022-17/9/2022	Chinese Remainder Theorm,number theoretic function,sum and no. of divisors
19/9/2022-24/9/2022	totally multiplicative function,Mobius inversion formula
26/9/2022-1/10/2022	Euler's theorm,Euler's π function and properties
3/10/2022-8/10/2022	order of integer modulo, primitive roots of prim and composite no.
10/10/2022-15/10/2022	Euler's criterion, quadratic reciprocity, assignment
17/10/2022-22/10/2022	exponential, logarithmic and circular function
24/10/2022-29/10/2022	hyperbolic and inverse hyperbolic function
31/10/2022-5/11/2022	trigonometric expansion of sine and cosine as infinie products
7/11/2022-12/11/2022	Revision tests
14/11/2022-19/11/2022	Tests
21/11/2-22-26/11/2022	Revision

Signature

Government College for Women, Hisar	
Lesson Plan	
Session 2022-23 Odd Semester	
Class : B.Com.I	Teacher Name : Mrs. Sonal
Subject : Business Mathematics	Subject code :105
Date	Topics

5/9/2022-10/9/2022	logrithms
12/9/2022-17/9/2022	Linear inequalities
19/9/2022-24/9/2022	Linear Programming
26/9/2022-1/10/2022	Permutations
3/10/2022-8/10/2022	Combinations
10/10/2022-15/10/2022	Algebra of matrices
17/10/2022-22/10/2022	Determinants
24/10/2022-29/10/2022	Matrices
31/10/2022-5/11/2022	Assignments
7/11/2022-12/11/2022	Assignments
14/11/2022-19/11/2022	Tests
21/11/2-22-26/11/2022	Revision

Signature