Dayanand Mahila Mahavidyalaya, Kurukshetra

Lesson Plan (Even Semester)

Session 2025-26 (12.01.2026 to 05.05.2026)

Name of teacher: Ms. Priyanka

Subject : Mathematics

Date	Day	Class : B.A / B.sc	Class : BBA	Class :B.com	Class : BCA
		Semester : 3rd	Semester : 2nd	Semester : 2nd	Semester : 2nd
12.01.2026	Monday			Derivative of simple functions	
13.01.2026	Tuesday			Derivative of simple functions	
14.01.2026	Wednesday			Derivative of trigonometric functions	Integration of simple algebraic
15.01.2026	Thursday	General equation of Second degree	Average, Ratio and Proportion		Integration of simple algebraic
16.01.2026	Friday	Classification of conic sections , center	Average, Ratio and Proportion		Integration of Trigonometric functions
17.01.2026	Saturday	Classification of conic sections , center	Percentage, Profit and Loss		Integration of Trigonometric functions
19.01.2026	Monday			Derivative of trigonometric functions	
20.01.2026	Tuesday			Applications in business studies	
21.01.2026	Wednesday			Applications in business studies	Integration of exponential functions
22.01.2026	Thursday	Asymptotes,axes, eccentricity and foci	Percentage, Profit and Loss		Integration of exponential functions
23.01.2026	**Friday**	**Sir Chhotu Ram Jayanti/Basant Panchmi**			
24.01.2026	Saturday	Directions of conics, Tangent at any point to a conic	Commission, Discount and Brokerage.		Frequency distribution
26.01.2026	**Monday**	**Republic Day**			
27.01.2026	Tuesday			Maxima and minima of Revenue	
28.01.2026	Wednesday			Maxima and minima of Revenue	Frequency distribution
29.01.2026	Thursday	Directions of conics, Tangent at any point to a conic	Commission, Discount and Brokerage.		Cumulative frequency distribution

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30.01.2026	Friday	Chord of contact, pole of line to a conic	Simple interest		Cumulative frequency distribution
31.01.2026	Saturday	Director circle of a conic	Compound interest		Diagrammatic presentation of data
02.02.2026	Monday			Cost, Demand, Production	
03.02.2026	Tuesday			Cost, Demand, Production	
04.02.2026	Wednesday			Profit functions	Graphical presentation of data
05.02.2026	Thursday	Polar equation of a conic	Annuities: Types of annuities		Graphical presentation of data
06.02.2026	Friday	Tangent and normal to a conic ,Confocal conics	Annuities: Types of annuities		Construction of bar diagrams
07.02.2026	Saturday	Tangent and normal to a conic ,Confocal conics	Present value and amount of an annuity		Construction of pie diagrams
09.02.2026	Monday			Profit functions	
10.02.2026	Tuesday			Functions related to business and commerce.	
11.02.2026	Wednesday			Functions related to business and commerce	Construction of pie diagrams
12.02.2026	Thursday	General form, Plane section of a sphere	Present value and amount of an annuity		Histograms, Frequency polygon
13.02.2026	Friday	General form, Plane section of a sphere	Valuation of simple loans		Frequency curve and Ogives
14.02.2026	Saturday	Sphere through a given circle	Valuation of simple loans		Frequency curve and Ogives
16.02.2026	Monday			Definite integral	
17.02.2026	Tuesday			Definite integral	
18.02.2026	Wednesday			Indefinite integral	Arithmetic mean, Median
19.02.2026	Thursday	Intersection of two spheres	Debentures, Problems related to sinking funds		Arithmetic mean, Median
20.02.2026	Friday	Tangent plane and line	Debentures, Problems related to sinking funds		Mode, Geometric mean

Date	Day	Class : B.A / B.sc	Class : BBA	Class :B.com	Class : BCA
		Semester : 3rd	Semester : 2nd	Semester : 2nd	Semester : 2nd
21.02.2026	Saturday	Tangent plane and line	Indices & Logarithms		Mode, Geometric mean
23.02.2026	Monday			Basic rules of integration	
24.02.2026	Tuesday			Basic rules of integration	
25.02.2026	Wednesday			Application of integration	Harmonic mean for ungrouped
26.02.2026	Thursday	Polar plane and line , Orthogonal spheres	Indices & Logarithms		Harmonic mean for ungrouped
27.02.2026	Friday	Radical plane of two spheres	Arithmetic and geometric Professions		Grouped data
28.02.2026	Saturday	Radical plane of two spheres	Arithmetic and geometric Professions		Grouped data
01.03.2026 to 8.03.2026		Holi Vacations			
09.03.2026	Monday			Application of integration	
10.03.2026	Tuesday			Binomial theorem	
11.03.2026	Wednesday			Binomial theorem	Concepts of dispersion
12.03.2026	Thursday	co-axel system of spheres	Business applications		Concepts of dispersion
13.03.2026	Friday	Equation of a cone,right circular cone	Sum of first n natural numbers		Mean deviation and it's coefficients
14.03.2026	Saturday	Equation of a cone,right circular cone	Sum of first n natural numbers		Mean deviation and it's coefficients
16.03.2026	Monday			Permutations	
17.03.2026	Tuesday			Permutations	
18.03.2026	Wednesday			Combinations	Range, variance and it's coefficients
19.03.2026	Thursday	Quadratic cone, enveloping cone	Sum of square of first n natural numbers		Range, variance and it's coefficients
20.03.2026	Friday	Tangent plane and condition of tangency	Sum of square of first n natural numbers		Standard deviation
21.03.2026	Saturday	Id-ul-Fitr			
23.03.2026	Monday	Shaheedi Diwas			
24.03.2026	Tuesday			Combinations	

Date	Day	Class : B.A / B.sc	Class : BBA	Class :B.com	Class : BCA
		Semester : 3rd	Semester : 2nd	Semester : 2nd	Semester : 2nd
25.03.2026	Wednesday			Formulation of linear programming problems	Standard deviation
26.03.2026	**Thursday**	**Ram Navami**			
27.03.2026	Friday	Right circular cylinder and enveloping cylinder	Sum of cubes of first n natural numbers		Concept and types of correlation
28.03.2026	Saturday	Central conicoids, Equation of tangent plane.	Sum of cubes of first n natural numbers		Concept and types of correlation
30.03.2026	Monday			Solution by graphical methods	
31.03.2026	**Tuesday**	**Mahavir Jayanti**			
01.04.2026	Wednesday			Solution by graphical methods	Methods of finding correlation
02.04.2026	Thursday	Director sphere, Normal to the conicoids.	Formulation of linear Programming Problems		Scatter diagram
03.04.2026	Friday	Polar plane of a point, Enveloping cone of a conicoid	Formulation of linear Programming Problems		Scatter diagram
04.04.2026	Saturday	Enveloping cylinder of a conicoid, Confocal conicoid	Formulation of linear Programming Problems		karl Pearson's coefficients of correlation
06.04.2026	Monday			Solution by simplex methods	
07.04.2026	Tuesday			Solution by simplex methods	
08.04.2026	Wednesday			Applications of linear programming	karl Pearson's coefficients of correlation
09.04.2026	Thursday	Reduction of second degree equations	Solution by graphical methods		Rank correlation
10.04.2026	Friday	Scalar and vector product of three vectors	Solution by graphical methods		Rank correlation
11.04.2026	Saturday	Four vectors, Reciprocal vectors	Simplex methods		Principle of least square
13.04.2026	Monday			Applications of linear programming	
14.04.2026	**Tuesday**	**Dr. B.R. Ambedkar Jayanti/Vaisakhi**			
15.04.2026	Wednesday			Applications of linear programming	Principle of least square
16.04.2026	Thursday	Vector differentiation and derivative along a curve	Simplex methods		Fitting of a straight line

Date	Day	Class : B.A / B.sc	Class : BBA	Class :B.com	Class : BCA
		Semester : 3rd	Semester : 2nd	Semester : 2nd	Semester : 2nd
17.04.2026	Friday	Directional derivatives	Applications of linear programming in solving business problems		Fitting of a straight line
18.04.2026	Saturday	Gradient of a scalar point function	Applications of linear programming in solving business problems		Two lines of regression
20.04.2026	Monday			Solving problems related to business and commerce	
21.04.2026	Tuesday			Solving problems related to business and commerce	
22.04.2026	Wednesday			Solving problems related to business and commerce	Two lines of regression
23.04.2026	Thursday	Divergence and curl of vector point functions.	Revised and class test		Regression coefficients
24.04.2026	Friday	Geometrical meanings and vector identities.	Revised and class test		Regression coefficients
25.04.2026	Saturday	vector integration, line, surface and volume integral.	Revised and class test		Revised and class test
27.04.2026	Monday			Revised and class test	
28.04.2026	Tuesday			Revised and class test	
29.04.2026	Wednesday			Revised and class test	Revised and class test
30.04.2026	Thursday	Theorem of Gauss , Green ,Stock	Revised and class test		Revised and class test
01.05.2026	Friday	Problems based on these	Revised and class test		Revised and class test
02.05.2026	Saturday	Revised and class test	Revised and class test		Revised and class test
04.05.2026	Monday				
05.05.2026	Tuesday				
06.05.2026	**Wednesday**	**Examination onwards**			

Priyanka

Dayanand Mahila Mahavidyalaya, Kurukshetra

Lesson Plan (Even Semester)

Session 2025-26 (12.01.2026 to 05.05.2026)

Name of teacher: Mrs. Prabhjot Kaur

Subject: Mathematics

Date	Day	Class: B.A/B.Sc I year	Class: B.A/B.Sc III year	Class: B.Com I year
		Semester: 2nd	**Semester: 6th**	**Semester: 2nd**
12.01.2026	Monday	Introduction to Matrices,types and its properties		Introduction to differentiation
13.01.2026	Tuesday	Symmetirc, Skew-Symmetric Matrices,Properties and examples		Derivative of Simple functions and other trognometric functions
14.01.2026	Wednesday	Symmetirc, Skew-Symmetric Matrices,Properties and examples		Derivative of Simple functions and other trognometric functions
15.01.2026	Thursday	Hermitian,Skew-Hermitian Matrices,Properties and examples	Introduction to Round off error and computer arithmetic	
16.01.2026	Friday		Logical and global transaction errors	
17.01.2026	Saturday		Algorithms and Convergence	
19.01.2026	Monday	Orthogonal, Unitary Matrices, Properties and examples		Various rules of differentiation with examples
20.01.2026	Tuesday	Orthogonal, Unitary Matrices, Properties and examples		Various rules of differentiation with examples
21.01.2026	Wednesday	Rank of Matrix using determinats, examples		Applications of differentiation in Business Studies
22.01.2026	Thursday	Elemantry row and column opertion of matrices	Algebraic and Transcedental Equations and their solutions by different methods	
23.01.2026	**Friday**	**Sir Chhotu Ram Jayanti/Basant Panchmi**		
24.01.2026	Saturday		Regula Falsi Method and based examples	
26.01.2026	**Monday**	**Republic Day**		
27.01.2026	Tuesday	Row echelon form, row rank and column echelon form, column rank		Applications of differentiation in Business Studies
28.01.2026	Wednesday	Examples of Row echelon form and column echelon form		Maxima and minima of revenues, cost ,demand, production
29.01.2026	Thursday	Rank of matrix by reducing it to normal form	Secant Method and based examples	
30.01.2026	Friday		Fixed point iteration method and based examples	
31.01.2026	Saturday		Newton Raphson Method and based examples	

02.02.2026	Monday	Rank of matrix by reducing it to normal form		Maxima and minima of revenues, cost ,demand, production
03.02.2026	Tuesday	Inverse of matrix using elemantry operations		Profit functions and otherfunctions related to business and commerce
04.02.2026	Wednesday	Test and Assignment		Profit functions and otherfunctions related to business and commerce
05.02.2026	Thursday	Linear dependence and independence of rows and columns of matrices with examples	Newton Raphson Method for finding nth root of a number	
06.02.2026	Friday		Solution of Simultaneous Linear equations by different methods	
07.02.2026	Saturday		Gauss Elimination method and based examples	
09.02.2026	Monday	Linear dependence and independence of rows and columns of matrices with examples		Introducton to integration
10.02.2026	Tuesday	Introduction to Eigen Values, Eigen Vectors and Characterstic equation of matrix		Integration of Definite and Indefinite functions excluding trignometric function using various
11.02.2026	Wednesday	Examples of Characterstics roots, equation and vectors of matrix		Integration of Definite and Indefinite functions excluding trignometric function using various
12.02.2026	Thursday	Minimal Polynomial of Matric and Cayley-Hamiliton Theorem with examples	Gauss Jordan Method and based examples	
13.02.2026	Friday		Triangularizartion Method and based examples	
14.02.2026	Saturday		Crout's Method and based examples	
16.02.2026	Monday	Minimal Polynomial of Matric and Cayley-Hamiliton Theorem with examples		Integration of Definite and Indefinite functions excluding trignometric function using various
17.02.2026	Tuesday	Inverse of matrix using Cayley-Hamilton Theorem with examples		Different rules of Integration
18.02.2026	Wednesday	Inverse of matrix using Cayley-Hamilton Theorem with examples		Test and Assignment
19.02.2026	Thursday	Introduction to relation between roots and coefficients of an equation	Cholesky Decomposition method and based examples	
20.02.2026	Friday		Jacobi's Method and based examples	
21.02.2026	Saturday		Gauss-Seidal Method and based examples	

23.02.2026	Monday	Examples of solution of polynomial equations having conditions on roots		Applications of integration in commercial and business problems
24.02.2026	Tuesday	Examples of solution of polynomial equations having conditions on roots		Applications of integration in commercial and business problems
25.02.2026	Wednesday	Examples of solution of polynomial equations having conditions on roots		Applications of integration in commercial and business problems
26.02.2026	Thursday	Examples of solution of polynomial equations having conditions on roots	Relaxation method and based examples	
27.02.2026	Friday		Finite difference operators and their relations	
28.02.2026	Saturday		Interpolation with equal intervals: Gregory-Newton Forward Difference interpolations and based examples	
01.03.2026 to 8.03.2026		**Holi Vacations**		
09.03.2026	Monday	Examples of common roots and multiple roots of equations		Introduction to Binomial Theorem
10.03.2026	Tuesday	Transformation of equations and examples		Examples of Binomial Theorem
11.03.2026	Wednesday	Transformation of equations and examples		Examples of Binomial Theorem
12.03.2026	Thursday	Nature of roots of equation with examples	Gregory-Newton Backward Difference interpolations and based examples	
13.03.2026	Friday		Interpolation with unequal intervals: Newton's divided difference formulae and based examples	
14.03.2026	Saturday		Lagrange's Interpolation Formulae and based examples	
16.03.2026	Monday	Test and Assignment		Examples of Binomial Theorem
17.03.2026	Tuesday	Descarte's rule of signs and examples		Introduction to Permutation
18.03.2026	Wednesday	Descarte's rule of signs and examples		Examples of Permutation
19.03.2026	Thursday	Solutions of cubic equations using Cardon's Method and examples	Central Differences:Gauss forward interpolation formulae and based examples	
20.03.2026	Friday		Central Differences:Gauss backward interpolation formulae and based examples	
21.03.2026	**Saturday**	**Id-ul-Fitr**		
23.03.2026	**Monday**	**Shaheedi Diwas**		

24.03.2026	Tuesday	Solutions of cubic equations using Cardon's Method and examples		Test and Assignment
25.03.2026	Wednesday	Solutions of cubic equations using Cardon's Method and examples		Introduction to Combination
26.03.2026	**Thursday**	**Ram Navami**		
27.03.2026	Friday		Sterling formulae and based examples	
28.03.2026	Saturday		Bessel's formulae and based examples	
30.03.2026	Monday	Solutions of biquadratic equations using Descarte's method		Examples of Combination
31.03.2026	**Tuesday**	**Mahavir Jayanti**		
01.04.2026	Wednesday	Solutions of biquadratic equations using Descarte's method		Examples of Combination
02.04.2026	Thursday	Solutions of biquadratic equations using Ferrari's method	Piecewise linear interpolation formulae and based examples	
03.04.2026	Friday		Cubic spline interpolation formulae and based examples	
04.04.2026	Saturday		Numerical Differentiation: First and second derivative of a function using interpolation formulae	
06.04.2026	Monday	Introduction to Divisibility, gcd and lcm with examples		Introduction to Linear Programming
07.04.2026	Tuesday	Examples of divisibilty, gcd, lcm, prime numbers and fundamental theorem of Arithmetic		Formulation of linear programming problems(LPP) and their solution by Graphical Method
08.04.2026	Wednesday	Examples of divisibilty, gcd, lcm, prime numbers and fundamental theorem of Arithmetic		Formulation of linear programming problems(LPP) and their solution by Graphical Method
09.04.2026	Thursday	Introduction to Linear Congruence and examples	Numerical Integration:Newton -Cote's Quadrature formulae and based examples	
10.04.2026	Friday		Trapezoidal rule and based examples	
11.04.2026	Saturday		Simpson's one-third and three-eight rule and based examples	

13.04.2026	Monday	Fermat's theorem and Euler's Theorem with examples		Formulation of linear programming problems(LPP) and their solution by Graphical Method
14.04.2026	**Tuesday**	**Dr. B.R. Ambedkar Jayanti/Vaisakhi**		
15.04.2026	Wednesday	Fermat's theorem and Euler's Theorem with examples		Solution of LPP by Simplex Method
16.04.2026	Thursday	Wilson's theorem and its converse with examples	Chebychev formula, Gauss Quadrature formula and based examples	
17.04.2026	Friday		Numerical solution of O.D.E.: Picard's Method and based examples	
18.04.2026	Saturday		Taylor's series method ,Runge-Kutta method and based examples	
20.04.2026	Monday	Wilson's theorem and its converse with examples		Solution of LPP by Simplex Method
21.04.2026	Tuesday	Chinese Remiander Theorem with examples		Solution of LPP by Simplex Method
22.04.2026	Wednesday	Chinese Remiander Theorem with examples		Solution of LPP by Simplex Method
23.04.2026	Thursday	Linear diaphantine equations in two vaiables and examples	Euler's method,Modified Euler's Method and based examples	
24.04.2026	Friday		Predictor-corrector method and based examples	
25.04.2026	Saturday		Milne -Simpson's method and based examples	
27.04.2026	Monday	Linear diaphantine equations in two vaiables and examples		Applications of Linear programming in solving problems related to business and commerce
28.04.2026	Tuesday	Linear diaphantine equations in two vaiables and examples		Applications of Linear programming in solving problems related to business and commerce
29.04.2026	Wednesday	Revision of Complete syllabus		Applications of Linear programming in solving problems related to business and commerce
30.04.2026	Thursday	Revision of Complete syllabus	Revision of Complete syllabus	
01.05.2026	Friday		Revision of Complete syllabus	
02.05.2026	Saturday		Revision of Complete syllabus	
04.05.2026	Monday	Test of Complete Syllabus		Revision of Complete syllabus
05.05.2026	Tuesday	Revision of Complete syllabus		Revision of Complete syllabus
06.05.2026	**Wednesday**	**Examination onwards**		