

Lesson Plan

Name of the Assistant/ Associate Professor :- Dr. Sushma

Class and Section:- B.A. I

Subject:- O.D.E.

Week	Date	Topics
1	1-Jan-18	Holiday
	2-Jan-18	Holiday
	3-Jan-18	Holiday
	4-Jan-18	Holiday
	5-Jan-18	Holiday
	6-Jan-18	Definition of differential equation, order and degree of differential equation, formation of differential equation.
	7-Jan-18	Sunday
2	8-Jan-18	Que based on order and degree of differential equation, formation of differential equation
	9-Jan-18	Que based on formation of differential equation
	10-Jan-18	Que based on formation of differential equation
	11-Jan-18	Geometrical meaning of a differential equation
	12-Jan-18	Solution of an exact differential equation
	13-Jan-18	Solution of an exact differential equation
	14-Jan-18	Sunday
3	15-Jan-18	Definition of integrating factor, Finding integrating factor by inspection
	16-Jan-18	Rule1 for finding integrating factor and que based on it.
	17-Jan-18	Rule2 for finding integrating factor and que based on it.
	18-Jan-18	Rule3 for finding integrating factor and que based on it.
	19-Jan-18	Rule4 for finding integrating factor and que based on it.
	20-Jan-18	Rule5 for finding integrating factor and que based on it.
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Introduction of equation of first order but not of first degree.
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Working rule for the equation solvable for p
	26-Jan-18	Republic Day
	27-Jan-18	Que based on the equation solvable for p
	28-Jan-18	Sunday
5	29-Jan-18	Working rule for the equation solvable for y
	30-Jan-18	Que based on the equation solvable for y
	31-Jan-18	Guru Ravidas Jayanti

Lesson Plan

Name of the Assistant/ Associate Professor :- Dr. Sushma

Class and Section:- B.A. II

Subject:- O.D.E.

Week	Date	Topics
1	1-Feb-18	working rule for equation solvable for x
	2-Feb-18	Que based on the equation solvable for x
	3-Feb-18	Solution of the equation of the type $y=x\Phi(p)+f(p)$
	4-Feb-18	Sunday
2	5-Feb-18	que based on the equation of the type $y=x\Phi(p)+f(p)$
	6-Feb-18	Solution of the equation of the type $y=px+f(p)$
	7-Feb-18	que based on the equation of the type $y=px+f(p)$
	8-Feb-18	Solution of the equation reducible to Clairaut's form
	9-Feb-18	Que based on the equation reducible to Clairaut's form
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Singular solution, p and c-discriminant
	13-Feb-18	Maha Shivratri
	14-Feb-18	Working rule for the singular solution
	15-Feb-18	Que based on Singular solution, p and c-discriminant
	16-Feb-18	Revision of all the topics of section1
	17-Feb-18	Revision of all the topics of section1 and allotment of topics for assignment
	18-Feb-18	Sunday
4	19-Feb-18	Definition of trajectory, oblique trajectory, orthogonal trajectory
	20-Feb-18	Orthogonal trajectory in Cartesian and polar coordinates
	21-Feb-18	Que based on Orthogonal trajectory in Cartesian and polar coordinates
	22-Feb-18	Que based on Orthogonal trajectory in Cartesian and polar coordinates
	23-Feb-18	Definition of linear differential equation with constant coeff., D operator, definition of auxiliary equation, complete solution for differential equation with constant coeff.
	24-Feb-18	Inverse operator, complementary function, particular integral, few theorems
	25-Feb-18	Sunday
5	26-Feb-18	Numerical problems
	27-Feb-18	Numerical problems-cont.
	28-Feb-18	Vacations-II (Holi Vacation)

Lesson Plan

Name of the Assistant/ Associate Professor: Dr. Sushma

Class and Section:- B.A. I

Subject:- O.D.E.

Week	Date	Topics
1	1-Mar-18	Vacations-II (Holi vacation)
	2-Mar-18	Vacations-II (Holi vacation)
	3-Mar-18	Vacations-II (Holi vacation)
	4-Mar-18	Vacations-II (Holi vacation)
2	5-Mar-18	Evaluate $1/f(D) x^m$ and que based on it.
	6-Mar-18	theorems
	7-Mar-18	Evaluate $1/f(D) (xV)$ and que based on it.
	8-Mar-18	Method to solve homogeneous linear equation
	9-Mar-18	Explanation of the method of solution of linear differential equation reducible to homogeneous linear form.
	10-Mar-18	que based on linear differential equation reducible to homogeneous linear form
	11-Mar-18	Sunday
3	12-Mar-18	Revision
	13-Mar-18	Revision and assignment allotment
	14-Mar-18	Test of unit 1
	15-Mar-18	Discussion of assignment of section2
	16-Mar-18	Introduction to linear differential equation of second order
	17-Mar-18	method to find P.I. of $d^2y/dx^2+Pdy/dx+Qy=0$
	18-Mar-18	Sunday
4	19-Mar-18	Solution of a linear differential equation of second order by removing the first derivative and changing the dependent variable.
	20-Mar-18	Que based on linear differential equation of second order by removing the first derivative and changing the dependent variable
	21-Mar-18	Solution of a linear differential equation of second order by changing the independent variable
	22-Mar-18	Solution of a linear differential equation of second order by removing the first derivative and changing the dependent variable.
	23-Mar-18	Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev
	24-Mar-18	Que based on linear differential equation of second order by changing the independent variable
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Que based on linear differential equation of second order by changing the independent variable
	27-Mar-18	Solution of a linear differential equation of second order by the method of undetermined coefficient
	28-Mar-18	revision
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Revision and assignment allotment
	31-Mar-18	Test of unit 2

Lesson Plan

Name of the Assistant/ Associate Professor Dr. Sushma

Class and Section:- B.A. II

Subject:- O.D.E.

Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Introduction to ordinary simultaneous differential equation
	3-Apr-18	Solution of simultaneous differential equations involving operators $x (d/dx)$ or $t (d/dt)$ etc
	4-Apr-18	Que based on simultaneous differential equations involving operators $x (d/dx)$ or $t (d/dt)$ etc
	5-Apr-18	Solution of Simultaneous equation of the form $dx/P = dy/Q = dz/R$.
	6-Apr-18	que based on above type
	7-Apr-18	Concept of Second integral found with the help of first
	8-Apr-18	Sunday
2	9-Apr-18	Que based on the topic Second integral found with the help of first
	10-Apr-18	Introduction to total differential equation and condition for exactness
	11-Apr-18	Method to solve total differential equation
	12-Apr-18	Que to solve total differential equation
	13-Apr-18	
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Solution when one variable is constant out of three variable in $Pdx+Qdy+Rdz=0$
	17-Apr-18	Que to Solution when one variable is constant out of three variable in $Pdx+Qdy+Rdz=0$
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Method of solving homogeneous equation
	20-Apr-18	que based on solving homogeneous equation
	21-Apr-18	Method of auxiliary equation
	22-Apr-18	Sunday
4	23-Apr-18	Que based on Method of auxiliary equation
	24-Apr-18	Revision
	25-Apr-18	Revision
	26-Apr-18	Test of unit 3
	27-Apr-18	Revision
	28-Apr-18	Test of unit 4

Lesson Plan

Name of the Assistant/ Associate Professor :-Dr. Sushma

Class and Section:- B.A. II

Subject:- Sequence and series

Week	Date	Topics
1	1-Jan-18	Holiday
	2-Jan-18	Holiday
	3-Jan-18	Holiday
	4-Jan-18	Holiday
	5-Jan-18	Holiday
	6-Jan-18	Boundedness of the set of real numbers, Least upper bound, greatest lower bound of a set
	7-Jan-18	Sunday
2	8-Jan-18	Exercise related to Boundedness, l.u.b and g.l.b. of a set
	9-Jan-18	neighborhoods , examples of neighborhoods
	10-Jan-18	interior points, interior of a set , open sets, closed set
	11-Jan-18	limit points, isolated points , closure of a set in real numbers and their properties
	12-Jan-18	Bolzano-Weierstrass theorem with questions
	13-Jan-18	Test
	14-Jan-18	Sunday
3	15-Jan-18	Compact sets, Open covers , Heine-Borel Theorem
	16-Jan-18	Week 3, Day 3, 17.01.2018: Sequences
	17-Jan-18	Week 3, Day 4, 18.01.2018: Real Sequences and their convergence
	18-Jan-18	Week 3, Day 5, 19.01.2018: Exercise of topic Real Sequences and their convergence
	19-Jan-18	Week 3, Day 6, 20.01.2018: Problems of above topics of chapter 2
	20-Jan-18	Some Basic Theorems on Limits
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Squeeze Principle, Cauchy's First theorem on limits, Cauchy's Second theorem on limits
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Problems and assignment allotment
	26-Jan-18	Republic Day
	27-Jan-18	Test
	28-Jan-18	Sunday
5	29-Jan-18	Bounded and monotonic sequences , Monotone convergence thm.
	30-Jan-18	Cantor Intersection Theorem
	31-Jan-18	Guru Ravidas Jayanti

Lesson Plan

Name of the Assistant/ Associate Professor :-

Class and Section:-

Subject:-

Week	Date	Topics
1	1-Feb-18	Cauchy's sequence, Cauchy general principle of convergence
	2-Feb-18	Subsequences, Subsequential limits
	3-Feb-18	Exercise related to topics Subsequences and Subsequential limits
	4-Feb-18	Sunday
2	5-Feb-18	Test of Chapter 2
	6-Feb-18	\Infinite series: Convergence and divergence of Infinite Series
	7-Feb-18	Numerical problems related to Convergence and divergence of Infinite Series
	8-Feb-18	Cauchy's general principle of Convergence of series
	9-Feb-18	Convergence and divergence of geometric series, Comparison Tests of positive terms Infinite series
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Hyper Harmonic series or p-series
	13-Feb-18	Maha Shivratri
	14-Feb-18	Infinite series: D-Alembert's ratio test
	15-Feb-18	Exercise related to D-Alembert's ratio test
	16-Feb-18	Cauchy's n^{th} root test
	17-Feb-18	Exercise related to Cauchy's n^{th} root test
	18-Feb-18	Sunday
4	19-Feb-18	Raabe's test
	20-Feb-18	Logarithmic test
	21-Feb-18	Exercise related to Raabe's test and Logarithmic test
	22-Feb-18	De Morgan and Bertrand's test
	23-Feb-18	Applications of De Morgan and Bertrand's test on given series
	24-Feb-18	Gauss Test
	25-Feb-18	Sunday
5	26-Feb-18	Cauchy's integral test , Exercise related to Cauchy's integral test
	27-Feb-18	Cauchy's condensation test with ex.
	28-Feb-18	Vacations-II (Holi Vacation)

Lesson Plan

Name of the Assistant/ Associate Professor: - Dr. Sushma

Class and Section:- B.A. II

Subject:- Sequence and series

Week	Date	Topics
1	1-Mar-18	Vacations-II (Holi vacation)
	2-Mar-18	Vacations-II (Holi vacation)
	3-Mar-18	Vacations-II (Holi vacation)
	4-Mar-18	Vacations-II (Holi vacation)
2	5-Mar-18	Test
	6-Mar-18	Alternating series
	7-Mar-18	Leibnitz's test
	8-Mar-18	Examples to test the convergence of series by Leibnitz's test
	9-Mar-18	absolute and conditional convergence
	10-Mar-18	Exercise related to absolute and conditional convergence of an alternating series
	11-Mar-18	Sunday
3	12-Mar-18	Arbitrary series
	13-Mar-18	Abel's lemma
	14-Mar-18	: Abel's test
	15-Mar-18	Dirichlet's test
	16-Mar-18	Examples related to Abel's test, Dirichlet's test
	17-Mar-18	Exercise
	18-Mar-18	Sunday
4	19-Mar-18	Insertion and removal of parenthesis
	20-Mar-18	Exercise of Insertion and removal of parenthesis
	21-Mar-18	re-arrangement of terms in a series
	22-Mar-18	Riemann's Re-arrangement theorem
	23-Mar-18	Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev
	24-Mar-18	Pringsheim's theorem (statement only) and exercise
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Multiplication of series
	27-Mar-18	Cauchy product of series
	28-Mar-18	Product Theorem
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Cauchy's Theorem

31-Mar-18	: Mertin's Theorem
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Name of the Assistant/ Associate Professor :- Dr. Sushma

Class and Section:- B.A. II

Subject:- Sequence and series

Week	Date	Topics
1		Sunday
	1-Apr-18	
	2-Apr-18	Cesaro's Theorem and Able's theorem
	3-Apr-18	Examples of Cesaro's Theorem and Able's theorem
	4-Apr-18	Problems related to chapter 6
	5-Apr-18	Test of chapter 6
	6-Apr-18	Introduction to Infinite Products (Definition)
	7-Apr-18	Convergence of an Infinite Products
2	8-Apr-18	Sunday
	9-Apr-18	Exercise of topic Convergence of an Infinite Products
	10-Apr-18	General principle of Convergence of an Infinite Product
	11-Apr-18	Some theorems for proving the Convergence of Infinite Products
	12-Apr-18	Absolute Convergence of Infinite Products
	13-Apr-18	Exercise of Absolute Convergence of Infinite Products
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
3	15-Apr-18	Sunday
	16-Apr-18	Revision
	17-Apr-18	Revision
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Revision
	20-Apr-18	Revision
	21-Apr-18	Revision
4	22-Apr-18	Sunday
	23-Apr-18	Revision
	24-Apr-18	Test
	25-Apr-18	Test
	26-Apr-18	Test
	27-Apr-18	Test

	28-Apr-18	Test
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Lesson Plan

Name of the Assistant/ Associate Professor :- Dr. Sushma

Class and Section:- B.A. II

Subject:- Programming in C and Numerical Methods

Week	Date	Topics
1	1-Jan-18	Holidays
	2-Jan-18	Holidays
	3-Jan-18	Holidays
	4-Jan-18	Holidays
	5-Jan-18	Holidays
	6-Jan-18	Introduction to the subject
	7-Jan-18	Sunday
2	8-Jan-18	Basics of computer
	9-Jan-18	Basics of computer-cont.
	10-Jan-18	Algorithm
	11-Jan-18	Question\examples for algorithm
	12-Jan-18	Flow charts
	13-Jan-18	Question\examples for flowcharts
	14-Jan-18	Sunday
3	15-Jan-18	Operators and expressions
	16-Jan-18	Operators and expressions-cont.
	17-Jan-18	Problems related to theory part
	18-Jan-18	Bisection method
	19-Jan-18	Regula falsi
	20-Jan-18	Secant method
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Newton- Raphson methos
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Newton iterative method for finding pth roots
	26-Jan-18	Republic Day
	27-Jan-18	Order of convergence
	28-Jan-18	Sunday
5	29-Jan-18	Revision
	30-Jan-18	Test
	31-Jan-18	Guru Ravidas Jayanti

Lesson Plan

Name of the Assistant/ Associate Professor :- Dr. Sushma

Class and Section:- B.A. II

Subject:- Programming in C and Numerical Methods

Week	Date	Topics
1	1-Feb-18	Gauss elimination method
	2-Feb-18	Gauss elimination method
	3-Feb-18	Gauss elimination method
	4-Feb-18	Sunday
2	5-Feb-18	Gauss Jordan method
	6-Feb-18	Gauss Jordan method
	7-Feb-18	Gauss Jordan method
	8-Feb-18	Triangularization method
	9-Feb-18	Triangularization method
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Triangularization method
	13-Feb-18	Maha Shivratri
	14-Feb-18	Problems
	15-Feb-18	Decision control structures-intro
	16-Feb-18	Decision control structures-types
	17-Feb-18	Decision control structures
	18-Feb-18	Sunday
4	19-Feb-18	Loops
	20-Feb-18	Switch and Case statements
	21-Feb-18	Logical and conditional statements
	22-Feb-18	Revision
	23-Feb-18	Discussion of previous year questions
	24-Feb-18	Cont.
	25-Feb-18	Sunday
5	26-Feb-18	Problems
	27-Feb-18	Test
	28-Feb-18	Vacations-II (Holi Vacation)

Lesson Plan

Name of the Assistant/ Associate Professor: - Dr. Sushma

Class and Section:- B.A. II

Subject:- Programming in C and Numerical Methods

Week	Date	Topics
1	1-Mar-18	Vacations-II (Holi vacation)
	2-Mar-18	Vacations-II (Holi vacation)
	3-Mar-18	Vacations-II (Holi vacation)
	4-Mar-18	Vacations-II (Holi vacation)
2	5-Mar-18	Crouts method
	6-Mar-18	Crouts method
	7-Mar-18	Iterative method
	8-Mar-18	Iterative method
	9-Mar-18	Iterative method
	10-Mar-18	problems
	11-Mar-18	Sunday
3	12-Mar-18	Cholskey method
	13-Mar-18	Cholskey method
	14-Mar-18	Problems
	15-Mar-18	presentation by students
	16-Mar-18	presentation by students
	17-Mar-18	test
	18-Mar-18	Sunday
4	19-Mar-18	Arrays
	20-Mar-18	Arrays
	21-Mar-18	Function
	22-Mar-18	Function
	23-Mar-18	Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev
	24-Mar-18	test
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Preprocessors
	27-Mar-18	Preprocessors
	28-Mar-18	problems
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Jacibi's method
	31-Mar-18	Jacibi's method

Lesson Plan

Name of the Assistant/ Associate Professor :- Dr. Sushma

Class and Section:- B.A. II

Subject:- Programming in C and Numerical Methods

Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Gauss seidal method
	3-Apr-18	Gauss seidal method
	4-Apr-18	Relaxation method
	5-Apr-18	Relaxation method
	6-Apr-18	strings
	7-Apr-18	Strings-cont
	8-Apr-18	Sunday
2	9-Apr-18	Structures
	10-Apr-18	Structures-cont
	11-Apr-18	Pointers
	12-Apr-18	pointer-cont
	13-Apr-18	problems
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
	3	16-Apr-18
17-Apr-18		Revision
18-Apr-18		Parashurama Jayanti
19-Apr-18		Revision
20-Apr-18		Revision
21-Apr-18		Revision
22-Apr-18		Sunday
4		23-Apr-18
	24-Apr-18	Revision
	25-Apr-18	Test
	26-Apr-18	Test
	27-Apr-18	Test
	28-Apr-18	Test

Lesson Plan

Name of the Assistant/ Associate Professor :- Dr. Sushma

Class and Section:- B.A. I

Subject:-Vector Calculus

Week	Date	Topics
1	1-Jan-18	holiday
	2-Jan-18	Holiday
	3-Jan-18	Holiday
	4-Jan-18	Holiday
	5-Jan-18	holiday
	6-Jan-18	Product of three or more vectors, scalar and vector triple product, determinant form of the scalar triple product.
	7-Jan-18	Sunday
2	8-Jan-18	Properties of scalar triple product, Geometrical interpretation of scalar triple product.
	9-Jan-18	Theorems on scalar triple product , Volume of tetrahedron, some examples of scalar triple product.
	10-Jan-18	Coplanar and non coplanar vectors , and exercise.
	11-Jan-18	Vector triple product, Expansion formula for Vector triple product.
	12-Jan-18	Some examples of vector triple product, exercise.
	13-Jan-18	Scalar and Vector product of four vectors, Lagranges identity, some examples and exercise on scalar and vector product of four vectors
	14-Jan-18	Sunday
3	15-Jan-18	Reciprocal system of vectors, Properties of Reciprocal system of vectors.
	16-Jan-18	Some examples and exercise on Reciprocal system of vectors.
	17-Jan-18	Introduction, scalar function, vector function, Scalar and vector fields, limit of a vector function,
	18-Jan-18	theorems on limit of a vector function, Continuity of a vector function, theorem on continuity.
	19-Jan-18	Revision of chapter (Multiple products of vectors).
	20-Jan-18	Test(Multiple products of vectors).
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	derivation of a vector function with respect to a scalar, Successive derivatives, properties on successive derivatives.
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Derivation of function of a function, constant vectors, some theorems on constant vectors.
	26-Jan-18	Republic Day
	27-Jan-18	some examples and exercise on scalar function, vector function, constant function, Curves in Space, position vectors, unit tangent vector.
	28-Jan-18	Sunday
5	29-Jan-18	velocity and acceleration, Examples and exercise on curves.
	30-Jan-18	Revision of chapter
	31-Jan-18	Guru Ravidas Jayanti

Lesson Plan

Name of the Assistant/ Associate Professor :- Dr. Sushma

Class and Section:- B.A. I

Subject:- Vector Calculus

Week	Date	Topics
1	1-Feb-18	Introduction, partial derivatives of vector functions, rules for finding partial derivatives of vectors.
	2-Feb-18	Higher order partial derivatives, total differentials and exercise.
	3-Feb-18	Test and assignment allotment
	4-Feb-18	Sunday
2	5-Feb-18	:Vector differential operators, Gradient of a scalar field, Properties of Gradient.
	6-Feb-18	Gradient of the product of two scalar point functions, Gradient of quotient of two scalar functions, some results.
	7-Feb-18	Some examples and exercise on Gradient.
	8-Feb-18	Level Surfaces, theorems.
	9-Feb-18	Directional Derivatives, Some theorems on Directional derivatives.
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Test
	13-Feb-18	Maha Shivratri
	14-Feb-18	Equation of tangent plane and normal to level surface, equation of normal in Cartesian form.
	15-Feb-18	Some examples and exercise on above topic, Divergence of a vector function, properties of Divergence.
	16-Feb-18	examples and exercise
	17-Feb-18	Curl of a Vector point function, Irrotational vectors and properties of Curl.
	18-Feb-18	Sunday
4	19-Feb-18	Second order differential functions, Laplacian Operator, Harmonic function
	20-Feb-18	Exercise on Gradient, Divergence and Curl.
	21-Feb-18	curvilinear coordinates, coordinates surface and curve
	22-Feb-18	Orthogonal curvilinear coordinates, Condition for Orthogonality
	23-Feb-18	Arc length, volume element and area element
	24-Feb-18	Test
	25-Feb-18	Sunday
5	26-Feb-18	Gradient, Divergence and Curl in terms of curvilinear coordinates
	27-Feb-18	Cylindrical coordinates
	28-Feb-18	Vacations-II (Holi Vacation)

Lesson Plan

Name of the Assistant/ Associate Professor: - Dr. Sushma

Class and Section:- B.A. I

Subject:- Vector Calculus

Week	Date	Topics
1	1-Mar-18	Vacations-II (Holi vacation)
	2-Mar-18	Vacations-II (Holi vacation)
	3-Mar-18	Vacations-II (Holi vacation)
	4-Mar-18	Vacations-II (Holi vacation)
2	5-Mar-18	Cylindrical coordinates and system of Orthogonality
	6-Mar-18	Spherical Coordinates
	7-Mar-18	Square of an element of arc length in Spherical Coordinates
	8-Mar-18	Spherical Polar Coordinates System is Orthogonal
	9-Mar-18	Exercise
	10-Mar-18	Test
	11-Mar-18	Sunday
3	12-Mar-18	Vector Integration
	13-Mar-18	Definite Integration Theorem
	14-Mar-18	Standard Result for Integration
	15-Mar-18	Important Theorem of Vector Integration
	16-Mar-18	Exercise and Application of above theorem
	17-Mar-18	Line Integral
	18-Mar-18	Sunday
4	19-Mar-18	Exercise of Line Integral
	20-Mar-18	Circulation
	21-Mar-18	Example of Circulation
	22-Mar-18	Revision
	23-Mar-18	Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev
	24-Mar-18	Test
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Surface Integrals with eg.
	27-Mar-18	Flux with examples

	28-Mar-18	some important theorem of Flux
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Exercise
	31-Mar-18	Volume Integral with examples

Lesson Plan

Name of the Assistant/ Associate Professor :- Dr. Sushma

Class and Section:- B.A. I

Subject:- Vector Calculus

Week	Date	Topics
1		Sunday
	1-Apr-18	
	2-Apr-18	Exercise of Volume Integral
	3-Apr-18	Gauss Divergence Theorem
	4-Apr-18	Divergence Theorem in Cartesian Coordinates
	5-Apr-18	Deductions from Gauss Divergence Theorem
	6-Apr-18	Exercise of Gauss Divergence Theorem
	7-Apr-18	Problem of Gauss Divergence Theorem
2	8-Apr-18	Sunday
	9-Apr-18	Test
	10-Apr-18	Green's Theorem
	11-Apr-18	Another form of Green's Theorem
	12-Apr-18	Problem of Green's Theorem
	13-Apr-18	Stokes Theorem , Stokes Theorem in Cartesian Form
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Exercise of Stokes Theorem
	17-Apr-18	Green's Theorem in Plane is Special Case of Stokes Theorem with questions
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Revision of unit 1
	20-Apr-18	Revision of unit 2
	21-Apr-18	Revision of unit 3
	22-Apr-18	Sunday
	4	23-Apr-18
24-Apr-18		Test of 1

	25-Apr-18	Test of 2
	26-Apr-18	Test of 3
	27-Apr-18	Test of 4
	28-Apr-18	Solution of previous year paper

Lesson Plan

Name of the Assistant/ Associate Professor :- Dr.Sushma

Class and Section:- B.A.II

Subject:- Programming in C and Numerical Methods(Practicals)

Week	Date	Topics
1	1-Jan-18	Holidays
	2-Jan-18	Holidays
	3-Jan-18	Holidays
	4-Jan-18	Holidays
	5-Jan-18	Holidays
	6-Jan-18	off
	7-Jan-18	Sunday
2	8-Jan-18	Basics of computer
	9-Jan-18	off
	10-Jan-18	Algorithms, Flow charts
	11-Jan-18	off
	12-Jan-18	Algorithms, Flow charts
	13-Jan-18	off
	14-Jan-18	Sunday
3	15-Jan-18	Input / outputs functions
	16-Jan-18	off
	17-Jan-18	Input / outputs functions
	18-Jan-18	off
	19-Jan-18	Decision statements
	20-Jan-18	Off
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Off
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Input / outputs functions
	26-Jan-18	Republic Day
	27-Jan-18	Off

	28-Jan-18	Sunday
5	29-Jan-18	Input / outputs functions
	30-Jan-18	Off
	31-Jan-18	Guru Ravidas Jayanti

Lesson Plan

Name of the Assistant/ Associate Professor :- Dr.Sushma

Class and Section:- B.A.II

Subject:- Programming in C and Numerical Methods

Week	Date	Topics
1	1-Feb-18	Off
	2-Feb-18	Implementation of Loops
	3-Feb-18	off
	4-Feb-18	Sunday
2	5-Feb-18	Implementation of Loops
	6-Feb-18	Off
	7-Feb-18	Switch Statement & Case control structures
	8-Feb-18	Off
	9-Feb-18	Switch Statement & Case control structures
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	revision
	13-Feb-18	Maha Shivratri
	14-Feb-18	Program for Bisection method
	15-Feb-18	Off
	16-Feb-18	Algorithm of Bisection method
	17-Feb-18	Off
	18-Feb-18	Sunday
4	19-Feb-18	Program for Regula-Falsi method
	20-Feb-18	Off
	21-Feb-18	Algorithm of Regula-Falsi method
	22-Feb-18	Off
	23-Feb-18	Program for Secant method
	24-Feb-18	Off

	25-Feb-18	Sunday
5	26-Feb-18	Algorithm of Secant method
	27-Feb-18	Off
	28-Feb-18	Vacations-II (Holi Vacation)

Lesson Plan

Name of the Assistant/ Associate Professor: - Dr.Sushma

Class and Section:- B.A.II

Subject:- Programming in C and Numerical Methods

Week	Date	Topics
1	1-Mar-18	Vacations-II (Holi vacation)
	2-Mar-18	Vacations-II (Holi vacation)
	3-Mar-18	Vacations-II (Holi vacation)
	4-Mar-18	Vacations-II (Holi vacation)
2	5-Mar-18	Program and algo. for Newton-Raphson's method.
	6-Mar-18	Off
	7-Mar-18	Program for Gauss-elimination method
	8-Mar-18	Off
	9-Mar-18	Algorithm of Gauss-elimination method
	10-Mar-18	Off
	11-Mar-18	Sunday
3	12-Mar-18	Program for Gauss-Jordan method
	13-Mar-18	Off
	14-Mar-18	Algorithm of Gauss-Jordan method
	15-Mar-18	Off
	16-Mar-18	Program for Triangularization method
	17-Mar-18	Off
	18-Mar-18	Sunday
4	19-Mar-18	Algorithm of Triangularization method
	20-Mar-18	Off
	21-Mar-18	Program for jacobis method
	22-Mar-18	Off
	23-Mar-18	Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev
	24-Mar-18	Off

	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Algorithm of jacobi's method
	27-Mar-18	Off
	28-Mar-18	Program for Gauss seidals method
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Algorithm of Gauss seidals method
	31-Mar-18	Off

Lesson Plan

Name of the Assistant/ Associate Professor :- Dr.Sushma

Class and Section:- B.A.II

Subject:- Programming in C and Numerical Methods

Week	Date	Topics
1		Sunday
	1-Apr-18	File completion
	2-Apr-18	Off
	3-Apr-18	File completion
	4-Apr-18	Off
	5-Apr-18	File completion
	6-Apr-18	Off
	7-Apr-18	Sunday
8-Apr-18		
2	9-Apr-18	File checking
	10-Apr-18	Off
	11-Apr-18	File checking
	12-Apr-18	Off
	13-Apr-18	File checking
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Revision
	17-Apr-18	Off
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Off
	20-Apr-18	Revision
	21-Apr-18	Off

	22-Apr-18	Sunday
4	23-Apr-18	Revision
	24-Apr-18	Off
	25-Apr-18	Revision
	26-Apr-18	Off
	27-Apr-18	Revision
	28-Apr-18	Off