

Lesson Plan

Name of the Assistant/ Associate Professor... Pawan Kumar.....

Class and Section:..... B.A./B.Sc - I..... Sem- II.....

Subject:..... Vector..... Calculus.....

Week	Date	Topics
1	1-Jan-18	
	2-Jan-18	
	3-Jan-18	
	4-Jan-18	
	5-Jan-18	
	6-Jan-18	Gradient of a scalar functions
	7-Jan-18	Sunday
2	8-Jan-18	do
	9-Jan-18	Geometrical Interpretation of grad ϕ
	10-Jan-18	do
	11-Jan-18	Divergence
	12-Jan-18	do
	13-Jan-18	Test
	14-Jan-18	Sunday
3	15-Jan-18	Curl
	16-Jan-18	Characters of div f and curl f
	17-Jan-18	Sum & Product
	18-Jan-18	do
	19-Jan-18	Test
	20-Jan-18	Laplacian operator
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	do
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Orthogonal curvilinear Co-ordinates
	26-Jan-18	Republic Day
	27-Jan-18	do
	28-Jan-18	Sunday
5	29-Jan-18	Quiz Contest
	30-Jan-18	Conditions for orthogonality
	31-Jan-18	do

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Class and Section:..... B. A./ B. Sc - I..... Sem - II.....

Subject:..... Vectors..... Calculus.....

Week	Date	Topics
1	1-Feb-18	Fundamental triad
	2-Feb-18	do
	3-Feb-18	Gradient
	4-Feb-18	Sunday
2	5-Feb-18	do
	6-Feb-18	Divergence
	7-Feb-18	do
	8-Feb-18	Curl
	9-Feb-18	do
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
	3	12-Feb-18
13-Feb-18		Maha Shivratri
14-Feb-18		Test
15-Feb-18		Spherical co-ordinates
16-Feb-18		do
17-Feb-18		Vector integration, line integral
18-Feb-18		Sunday
4		19-Feb-18
	20-Feb-18	Volume integral
	21-Feb-18	Gauss th ^m
	22-Feb-18	Green th ^m
	23-Feb-18	Stokes and problems
	24-Feb-18	Test
	25-Feb-18	Sunday
	5	26-Feb-18
27-Feb-18		Revision
28-Feb-18		Holiday

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Name of the Assistant/ Associate Professor... Pawan Kumar.....

Class and Section:..... B.A./B.Sc - I Sem - II.....

Subject:..... Ordinary Differential Equations.....

Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	Holiday
	4-Mar-18	Sunday
2	5-Mar-18	Sessional
	6-Mar-18	Geometrical meaning of differential equation
	7-Mar-18	do
	8-Mar-18	Exact differential eq.
	9-Mar-18	do
	10-Mar-18	Integrating factors
	11-Mar-18	Sunday
3	12-Mar-18	Lagrange's equations
	13-Mar-18	do
	14-Mar-18	Clairaut's equations
	15-Mar-18	Test
	16-Mar-18	Singular solutions
	17-Mar-18	Orthogonal trajectories
	18-Mar-18	Sunday
4	19-Mar-18	do
	20-Mar-18	Self orthogonal
	21-Mar-18	Linear differential equations
	22-Mar-18	H.L.D equation
	23-Mar-18	Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev
	24-Mar-18	Test
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	L.D.E of second order
	27-Mar-18	Reduction to normal form
	28-Mar-18	do
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Changing dependent / independent variable
	31-Mar-18	do

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 Class and Section:..... B.A./B.Sc. - I..... Sem. - II.....
 Subject:..... Ordinary Differential Equations.....

Week	Date	Topics
1		Sunday
	1-Apr-18	
	2-Apr-18	Method of variation of parameters
	3-Apr-18	do
	4-Apr-18	Test
	5-Apr-18	Method of undetermined coefficients
	6-Apr-18	do
	7-Apr-18	do
2	8-Apr-18	Sunday
	9-Apr-18	Ordinary simultaneous diff. eq.
	10-Apr-18	do
	11-Apr-18	Equation of type $\frac{dx}{P} = \frac{dy}{Q} = \frac{dz}{R}$
	12-Apr-18	do
	13-Apr-18	Test
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Total diff. eqn.
	17-Apr-18	Condition for $Pdx + Qdy + Rdz = 0$
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	do
	20-Apr-18	General method
	21-Apr-18	do
	22-Apr-18	Sunday
	4	23-Apr-18
24-Apr-18		do
25-Apr-18		Test
26-Apr-18		Revision
27-Apr-18		Revision
28-Apr-18		Revision