

Name of Institute: Singh Ram Memorial College, Sultanpur

Name of Asst./Associate Professor: Ms Bhawna

Class and Section: BSc II<sup>nd</sup> Sem, Sec A & B

Subject: Mathematics (Vector Calculus)

Week	Date	Topics
1st Week	1-Jan-18	Scalar Product of three Vectors
	2-Jan-18	Scalar Product of three Vectors
	3-Jan-18	Vector Product of three Vectors
	4-Jan-18	Vector Product of three Vectors
	5-Jan-18	Problems
	6-Jan-18	Test
	7-Jan-18	Sunday
2nd Week	8-Jan-18	Product of 4 vectors
	9-Jan-18	Reciprocal Vectors
	10-Jan-18	Reciprocal Vectors
	11-Jan-18	Problems
	12-Jan-18	Problems
	13-Jan-18	Test
	14-Jan-18	Sunday
3rd Week	15-Jan-18	Vector Differentiation
	16-Jan-18	Vector Differentiation
	17-Jan-18	Scalar Valued Point Functions
	18-Jan-18	Vector Valued Point Functions
	19-Jan-18	Problems
	20-Jan-18	Test
	21-Jan-18	Sunday
22-Jan-18	Vasant Panchami	
4th Week	23-Jan-18	Derivative along a curve
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Derivative along a curve
	26-Jan-18	Republic Day
	27-Jan-18	Directional Derivatives
	28-Jan-18	Sunday
	29-Jan-18	Directional Derivatives
5th week	30-Jan-18	Problems
	31-Jan-18	Guru Ravidas Birthday

Lesson Plan for the Semester W.E.F. Jan 2018 to Apr 2018

Name of Institute: Singh Ram Memorial College, Sultanpur

Lesson Plan for the Semester W.E.F. Jan 2018 to Apr 2018

Name of Institute: Singh Ram Memorial College, Sultanpur

Name of Asst./Associate Professor: Ms. Brahma

Class and Section: BSc SEM II Sec A & B

Subject: Vector Analysis

Week	Date	Topics
1st Week	1-Feb-18	Test
	2-Feb-18	Gradient of a scalar Point Function
	3-Feb-18	Geometrical Interpretation of grad $\phi$
	4-Feb-18	Sunday
2nd Week	5-Feb-18	Characteristics of gradient as a Point Functions
	6-Feb-18	Divergence of a vector Point Functions
	7-Feb-18	Divergence
	8-Feb-18	Problems
	9-Feb-18	Test
	10-Feb-18	Maharashi Dayanand Saraswati Jayanti
3rd Week	11-Feb-18	Sunday
	12-Feb-18	Cure of a vector Point Function
	13-Feb-18	Maha Shivratri
	14-Feb-18	Characteristics of div $f$ curl of
	15-Feb-18	Characteristics of div $f$ curl of
	16-Feb-18	Examples
	17-Feb-18	Examples
4th Week	18-Feb-18	Sunday
	19-Feb-18	Test
	20-Feb-18	Divergence & curl of sums Products
	21-Feb-18	Examples
	22-Feb-18	Problems
	23-Feb-18	Test
	24-Feb-18	Laplacian operators
5th Week	25-Feb-18	Sunday
	26-Feb-18	Problems
	27-Feb-18	Orthogonal curvilinear coordinates
	28-Feb-18	Holi Holidays

Lesson Plan for the Semester W.E.F. Jan 2018 to Apr 2018

Name of Asst./Associate Professor: Ms Bhawna  
 Class and Section: BSc Sem II Sec A  
 Subject: Mathematics (Vector Calculus)

Week	Date	Topics
1st Week	1-Mar-18	Holi Holidays
	2-Mar-18	Holi Holidays
	3-Mar-18	Holi Holidays
	4-Mar-18	Sunday
2nd Week	5-Mar-18	Test of unit I & unit II
	6-Mar-18	Condition for orthonormality
	7-Mar-18	Fundamental Triad of Mutual orthonormal
	8-Mar-18	Continues Last Topic
	9-Mar-18	Thus Examples Problem
	10-Mar-18	Test
	11-Mar-18	Sunday
3rd Week	12-Mar-18	Gradient in terms of curvilinear Coordinates
	13-Mar-18	Gradient in terms of Cartesian
	14-Mar-18	Gradient in terms of Curvilinear
	15-Mar-18	Divergence in terms of Curvilinear
	16-Mar-18	Problems
	17-Mar-18	Test
	18-Mar-18	Sunday
4th Week	19-Mar-18	Divergence in terms of Curvilinear Coordinates
	20-Mar-18	Curl in terms of Curvilinear Coordinates
	21-Mar-18	Curl & their examples
	22-Mar-18	Curl & Conserved Problem
	23-Mar-18	Shaheed Diwas of Bhagat Singh, Rajguru, Sukhdev
	24-Mar-18	Laplacian operator in terms of curvilinear
	25-Mar-18	Sunday/Ram Nawmi
5th Week	26-Mar-18	Problems
	27-Mar-18	Test
	28-Mar-18	Test of unit III
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	
31-Mar-18		

Lesson Plan for the Semester W.E.F. Jan 2018 to Apr 2018  
 Name of Institute: Singh Ram Memorial College, Sultanpur  
 Name of Asst./Associate Professor :

MS Bhavna

Class and Section: B.Sc Sem II Sec A & E

Subject: Mathematics (vector calculus)

Week	Date	Topics
1st Week	1-Apr-18	Sunday
	2-Apr-18	Vector Integration Their Examples
	3-Apr-18	
	4-Apr-18	Line Integral
	5-Apr-18	Line Integral
	6-Apr-18	Its Applications
	7-Apr-18	Problems
	8-Apr-18	Sunday
2nd Week	9-Apr-18	Test
	10-Apr-18	Surface Integral Theorems
	11-Apr-18	
	12-Apr-18	Its Application
	13-Apr-18	Volume Integral
	14-Apr-18	Dr. Ambedkar Jayanti/ Vaishakhi
	15-Apr-18	Sunday
3rd Week	16-Apr-18	Applications
	17-Apr-18	Gauss Theorem Green Theorem
	18-Apr-18	
	19-Apr-18	Stokes Theorem & their Problem Problem
	20-Apr-18	
	21-Apr-18	Test
	22-Apr-18	Sunday
4th Week	23-Apr-18	Test
	24-Apr-18	Test
	25-Apr-18	Test
	26-Apr-18	Test
	27-Apr-18	Test
	28-Apr-18	Test
	29-Apr-18	Sunday
	30-Apr-18	