

SUMMARY OF LESSON PLAN

Name of the Assistant/ Associate Professor : **Rinku**
Class and Section : **B.sc-I**
Subject Lesson Plan : **Maths No. theory, vector**
Month : **January 2018**

Date	Topics
01-01-2018	Divisibility, theorems on divisibility,
02-01-2018	Solved examples and problems discussion .
03-01-2018	Division algorithm, L.C.M and G.C.D.
04-01-2018	Theorems based on L.C.M. and G.C.D.
05-01-2018	GURU GOVIND SINGH JAYANTI
06-01-2018	Examples based on L.C.M. and G.C.D.
07-01-2018	SUNDAY
08-01-2018	Theorems, fundamental theorems of arithmetic Euclid's first and second theorems.
09-01-2018	Congruence's, theorems on congruence's
10-01-2018	Linear congruence, related theorems
11-01-2018	Scalar and vector, type of vectors addition of vectors
12-01-2018	Angle between two vectors, triple products and property
13-01-2018	Volume of tetrahedron, solved examples scalar triple product
14-01-2018	SUNDAY
15-01-2018	Linear Diophantine equations, some important theorems
16-01-2018	Fermat's theorems and solved examples

Month

: January 2018

Date	Particulars
17-01-2018	Wilson's function and related theorems
18-01-2018	Scalar product of four vectors, solved examples
19-01-2018	Reciprocal system of vector
20-01-2018	Limit of a vector function, continuity of a vector function, derivative
21-01-2018	SUNDAY
22-01-2018	VASANT PANCHAMI
23-01-2018	Chinese remainder theorems and examples
24-01-2018	SIR CHOTU RAM JAYANTI
25-01-2018	Some important theorem, solved examples velocity and acceleration
26-01-2018	REPUBLIC DAY
27-01-2018	Solved examples, partial derivatives of vectors the vectors differential operator
28-01-2018	SUNDAY
29-01-2018	Euclid's function, some theorems on auger's function
30-01-2018	Complete residue system, related theorems
31-01-2018	GURU RAVIDAS BIRTHDAY

Month : February 2018

Date	Topics
01-02-2018	Properties and related theorems
02-02-2018	Solved examples equation of tangent plane and normal to level Scarface
03-02-2018	Solved examples
04-02-2018	SUNDAY
05-02-2018	Greatest integer function, de polignac's formula
06-02-2018	Divisor function of n, sigma function some important theorems
07-02-2018	The mob us function, mob us inversion formula
08-02-2018	Properties of divergence, solved examples
09-02-2018	Curl of a vector point function theorems
10-02-2018	MAHARSHI DAYANAND SARASWATI JAYANTI
11-02-2018	SUNDAY
12-02-2018	Quadratic congruence and quadratic residues
13-02-2018	MAHA SHIVRATRI
14-02-2018	Euler's criterion, related theorems
15-02-2018	Solved examples laplacian operator
16-02-2018	Curvilinear co-ordinate, some important result

Month

: February 2018

Date	Particulars
17-02-2018	Cylindrical coordinate spherical coordinate solved examples
18-02-2018	SUNDAY
19-02-2018	Legendre symbol, Euler's criterion using Legendre symbols
20-02-2018	Gauss lamina, related theorems solved examples
21-02-2018	Gauss reciprocity law, solved examples
22-02-2018	Solved examples vector integration solved examples
23-02-2018	Linear integrals, solved examples
24-02-2018	Solved examples
25-02-2018	SUNDAY
26-02-2018	De moiré's theorems, solves examples
27-02-2018	Roots of a complex numbers, solved examples
28-02-2018	VACATION

Month : **March 2018**

Date	Topics
01-03-2018	GURU RAVIDAS BIRTHDAY
02-03-2018	HOLI
03-03-2018	VACATION
04-03-2018	SUNDAY
05-03-2018	Solution of equations, expansion of $\cos\theta$ and $\sin\theta$
06-03-2018	Solved examples, formation of equations
07-03-2018	Expansion of $\cos\theta$ in terms of cosine of multiple angles, solved examples
08-03-2018	Surface integrals, solved examples
09-03-2018	Solved examples, volume of integrals
10-03-2018	Solved examples
11-03-2018	SUNDAY
12-03-2018	Expansion of $\cos z$ and $\sin z$, Euler's theorems De Moivre's theorems for complex values
13-03-2018	Separation into real and imaginary parts
14-03-2018	Hyperbolic functions
15-03-2018	Divergence theorems
16-03-2018	Class test

Month : **March 2018**

Date	Particulars
17-03-2018	Gauss's divergence theorems another theorems
18-03-2018	SUNDAY
19-03-2018	Logarithm of complex quantity
20-03-2018	Solved examples
21-03-2018	The general experiential function
22-03-2018	Solved examples
23-03-2018	<u>SHAHEEDI DIWAS OF BHAGAT SINGH, RAJGURU & SUKHDEV</u>
24-03-2018	Solved examples
25-03-2018	SUNDAY/ RAM NAVMI
26-03-2018	Inverse circular and inverse hyperbolic function
27-03-2018	Relation between reverse functions
28-03-2018	Solved examples
29-03-2018	MAHAVIR JAYANTI
30-03-2018	GOOD FRIDAY
31-03-2018	Green's theorems, stokes theorems

Month : April 2018

Date	Topics
01-04-2018	SUNDAY
02-04-2018	Principle value and general value
03-04-2018	Solved examples
04-04-2018	Relation between inverse circular function and inverse hyper value function
05-04-2018	Solved examples
06-04-2018	Solved examples
07-04-2018	Green's theorems in plane, Solved examples
08-04-2018	SUNDAY
09-04-2018	Class test
10-04-2018	Solved examples
11-04-2018	Summation of series
12-04-2018	Class test
13-04-2018	Exercise problems
14-04-2018	<u>DR AMBEDKAR JAYANTI / VAISAKHI</u>
15-04-2018	SUNDAY
16-04-2018	Summation of series

Month : **April 2018**

Date	Particulars
17-04-2018	Solved examples
18-04-2018	<u>PARASHURAMA JAYANTI</u>
19-04-2018	Exercise problems
20-04-2018	Class test
21-04-2018	Solved examples
22-04-2018	SUNDAY
23-04-2018	Method of difference, solved examples
24-04-2018	Series depending upon the G.P or binomial series
25-04-2018	Summation of series depending on hyperbolic series.
26-04-2018	
27-04-2018	
28-04-2018	
29-04-2018	
30-04-2018	