

## Lesson Plan

Name of the Assistant/ Associate Professor... Ms. Rempri ..... (Maths)

Class and Section: B.A. final Sem. VI<sup>th</sup> .....

Subject: Linear Algebra .....

Week	Date	Topics
1	1-Jan-18	Introduction of vector space
	2-Jan-18	Example
	3-Jan-18	General properties of V.S
	4-Jan-18	Subspace
	5-Jan-18	Some thms.
	6-Jan-18	Example
	7-Jan-18	Sunday
2	8-Jan-18	Linear sum of subspace
	9-Jan-18	Direct sum
	10-Jan-18	Disjoint subspace
	11-Jan-18	Example
	12-Jan-18	Linear combination of vectors
	13-Jan-18	Some thms
	14-Jan-18	Sunday
3	15-Jan-18	Example
	16-Jan-18	Continue
	17-Jan-18	Class test
	18-Jan-18	Spanning set, Linear span
	19-Jan-18	Finite generated space
	20-Jan-18	Example
	21-Jan-18	Sunday
4	22-Jan-18	Basant Panchmi
	23-Jan-18	Basis theorem
	24-Jan-18	Example
	25-Jan-18	Continue
	26-Jan-18	Republic Day
	27-Jan-18	Continue
	28-Jan-18	Sunday
5	29-Jan-18	Quotient space
	30-Jan-18	Dimension
	31-Jan-18	Example

## Lesson Plan

Name of the Assistant/ Associate Professor..... Ms. Rempal

Class and Section:..... B.A. final Sem. VIIth.

Subject:..... Linear Algebra

Week	Date	Topics
1	1-Feb-18	class test
	2-Feb-18	Linear transformation
	3-Feb-18	Example
	4-Feb-18	Sunday
2	5-Feb-18	Vector space Isomorphism
	6-Feb-18	Some thms
	7-Feb-18	Example
	8-Feb-18	Continuc
	9-Feb-18	Null space
	10-Feb-18	Some thms
	11-Feb-18	Sunday
3	12-Feb-18	Example.
	13-Feb-18	Sylvester's law
	14-Feb-18	Example
	15-Feb-18	Continuc
	16-Feb-18	Sum of linear transformation
	17-Feb-18	Some thms
	18-Feb-18	Sunday
4	19-Feb-18	Example
	20-Feb-18	Singular and non singular transformation
	21-Feb-18	Example
	22-Feb-18	Invertible transformation
	23-Feb-18	Example
	24-Feb-18	Class test
	25-Feb-18	Sunday
5	26-Feb-18	Coordinate Vector matrix
	27-Feb-18	Example
	28-Feb-18	Holi Holiday

### Lesson Plan

Name of the Assistant/ Associate Professor..... Ms. Rampi .....

Class and Section:..... B.A. Final Sem IV .....

Subject:..... Linear Algebra .....

Week	Date	Topics
1	1-Mar-18	Holi
	2-Mar-18	Holi
	3-Mar-18	Holi
	4-Mar-18	Sunday
2	5-Mar-18	Continue
	6-Mar-18	Change of basis
	7-Mar-18	Example
	8-Mar-18	Dual space
	9-Mar-18	Example
	10-Mar-18	Annihilator and theorem
	11-Mar-18	Sunday
3	12-Mar-18	Eigen values and eigen vectors
	13-Mar-18	Example
	14-Mar-18	Similar matrices
	15-Mar-18	Example
	16-Mar-18	minimal polynomial
	17-Mar-18	class test
	18-Mar-18	Sunday
4	19-Mar-18	Inner product space
	20-Mar-18	Norm and example
	21-Mar-18	Triangle inequality
	22-Mar-18	Example
	23-Mar-18	Orthonormal set
	24-Mar-18	Example
	25-Mar-18	Sunday
5	26-Mar-18	adjoint operator
	27-Mar-18	Some Thms
	28-Mar-18	Continues
	29-Mar-18	Matrices Jayants
	30-Mar-18	Example
	31-Mar-18	class test