

Lesson Plan

Name of the Assistant Professor: Mrs Renu

Class and Section: B.A./B.Sc. VI th Sem

Subject: Mathematics (LINEAR ALGEBRA)

Week	Date	Topics
1	1-Jan-18	Introduction of VECTORS
	2-Jan-18	Vectors space
	3-Jan-18	do
	4-Jan-18	Subspace
	5-Jan-18	do
	6-Jan-18	do
	7-Jan-18	Sunday
2	8-Jan-18	Sum and direct sum of subspace
	9-Jan-18	do
	10-Jan-18	do
	11-Jan-18	Linear spane
	12-Jan-18	do
	13-Jan-18	do
	14-Jan-18	Sunday
3	15-Jan-18	Linearly independent dependent subsets of a vector spaces
	16-Jan-18	do
	17-Jan-18	do
	18-Jan-18	do
	19-Jan-18	Finitely generated vector space
	20-Jan-18	do
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Existence THEOREM FOR BASIC OF A FINITELY GENERATED VECTOR SPACE
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	do

	26-Jan-18	Republic Day
	27-Jan-18	Finite dimensional vector spaces
	28-Jan-18	Sunday
5	29-Jan-18	Invariance of the number of elements of basic sets
	30-Jan-18	do
	31-Jan-18	do

Week	Date	Topic
1	1-Feb-18	Dimensions
	2-Feb-18	Quotient space and its dimension
	3-Feb-18	do
	4-Feb-18	Sunday
2	5-Feb-18	Homomorphism and isomorphism of vector spaces
	6-Feb-18	do
	7-Feb-18	do
	8-Feb-18	Linear transformations and linear forms on vector spaces
	9-Feb-18	do
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	do
	13-Feb-18	MahaShivratri
	14-Feb-18	Vector spaces of all the linear transformations
	15-Feb-18	do
	16-Feb-18	do
	17-Feb-18	do
	18-Feb-18	Sunday

4	19-Feb-18	Dual spaces
	20-Feb-18	do
	21-Feb-18	Bidual spaces
	22-Feb-18	do
	23-Feb-18	Annihilator of subspaces of finite dimensional vector spaces
	24-Feb-18	do
	25-Feb-18	Sunday
5	26-Feb-18	Null spaces
	27-Feb-18	Range spaces of a linear transformations
	28-Feb-18	do
Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	Vacation
	4-Mar-18	Sunday
2	5-Mar-18	Rank and Nullity Theorem
	6-Mar-18	do
	7-Mar-18	Algebra of linear transformations
	8-Mar-18	do
	9-Mar-18	Minimal polynomial of a linear transformations
	10-Mar-18	do
	11-Mar-18	Sunday
3	12-Mar-18	Singular and non singular linear transformations
	13-Mar-18	do
	14-Mar-18	do
	15-Mar-18	do
	16-Mar-18	Matrix of a linear transformations
	17-Mar-18	do
	18-Mar-18	Sunday

4	19-Mar-18	Change of a basics
	20-Mar-18	do
	21-Mar-18	Eigen values
	22-Mar-18	Eigen vectors of linear transformats
	23-Mar-18	ShaheediDiwas of Bhagat Singh, Rajguru& Sukhdev
	24-Mar-18	do
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	do
	27-Mar-18	do
	28-Mar-18	Inner product spaces
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	do
	31-Mar-18	do
Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Cauchy-Schwarz inequality
	3-Apr-18	do
	4-Apr-18	do
	5-Apr-18	Orthogonal complements
	6-Apr-18	do
	7-Apr-18	do
	8-Apr-18	Sunday
2	9-Apr-18	Orthogonal sets and basics
	10-Apr-18	do
	11-Apr-18	do
	12-Apr-18	Bessels inequality for finite dimensional vector spaces
	13-Apr-18	do
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi

		Sunday
	15-Apr-18	
3	16-Apr-18	do
	17-Apr-18	do
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Gram-Schmidt orthogonalization process
	20-Apr-18	do
	21-Apr-18	do
	22-Apr-18	Sunday
	4	23-Apr-18
24-Apr-18		do
25-Apr-18		Unitary linear transformations
26-Apr-18		do
27-Apr-18		do
28-Apr-18		do