

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
29/12/15	1	Introduction of matrices	I			
31/12/15	6	Rank of matrices, echelon form				
4/1/16	3	Normal form				
6/1/16	4	PAG form				
6/1/16	5	Introduction solution of eq's				
7/1/16	6	Gauss elimination method				
11/1/16	3	Gauss-Jordan method				
12/1/16	4	Gauss-Seidel method				
20/1/16	5	Homogeneous system of eqs				
22/1/16	6	Solved problems				
22/1/16	3	Eigenvalues & eigenvectors	II			
25/1/16	4	Properties of eigenvalues				
25/1/16	5	Properties of eigenvalues				
29/1/16	6	Caes Hamilton th				
29/1/16	3	Inverse & powers of A				
1/2/16	4	Quadratic form rank, index, signature, nature				
3/2/16	5	Reduction to Q.F to canonical form				
7/2/16	6	Canonical form diagonalization				
7/2/16	3	Canonical form diagonalization				
9/2/16	4	Canonical form by orthogonalization				

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10/2/16	F	Reduction to canonical form to diagonalization	II			
12/2/16	G	Lagrange method	II			
12/2/16	3	Power series alternative of Fourier coefficients	III			
15/2/16	4	F.S in the integrals $[c, c+2\pi]$				
17/2/16	5	F.S of even & odd functions				
19/2/16	6	Half Range sine & cosine series				
19/2/16	3	F.S sine any arbitrary interval				
22/2/16	4	even and odd functions half range sine & cosine series				
24/2/16	5	Fourier integral th Fourier sine & cosine integrals				
26/2/16	6	Solved problems on Fourier transform				
26/2/16	3	Properties of F.T Inverse transform				
1/3/16	4	Fourier sine & cosine transform & inverse				
3/3/16	5	Finite Fourier transform				
5/3/16	6	Solved problems				
5/3/16	3	z-transform, properties	IV			
8/3/16	4	Damping rule,				
10/3/16	5	Solved problems on z-transform				
12/3/16	6	Initial value th				
12/3/16	3	Final value th				
16/3/16	4	Solved problems				

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	19/3/16	inverse z-transform				
	20/3/16	z ⁻¹ by partial fraction form				
	20/3/16	convolution th				
	23/3/16	solution of D.E by z-transform form				
	21/3/16	solution of D.E by z-transform form				
	27/3/16	Beta functions and properties	V			
	27/3/16	Gamma functions & properties				
	20/3/16	Relation b/w β - γ function				
	2/4/16	recursive relations & formulae				
	4/4/16	Evaluation of improper integrals by β - γ property				
	6/4/16	Evaluation of improper integrals by β - γ property				
	6/4/16	evaluation of integrals				
	9/4/16	evaluation of integrals				
	11/4/16	solved problems				
	13/4/16	solving the problems				
	13/4/16	solving the problems				
	17/4/16	revision of UNIT-I				
	19/4/16	revision of UNIT-II				
	21/4/16	Revision of UNIT-III				
	24/4/16	Revision of Unit-IV				

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
	26/4/16	Revision of UNIT IV				
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