

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
29/12/15	5	Introduction of matrices	I			
31/12/15	6	Rank of matrices, elementary				
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			
27/1/16	4	properties of eigenvectors				
28/1/16	5	properties of eigen values				
29/1/16	6	exes Hamilton H				
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	5	Reduction to canonical form to diagonalization	II			
12/2/16	6	Lagrange method	II			
13/2/16	3	Power series alternative of Fourier coefficients	III			
15/2/16	4	F.S in the integrals $\{C, C+2\}$				
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 and arbitrary integral				
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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18/3/16	F	inverse z-transform				
19/3/16	G	z^{-1} by partial fraction form				
20/3/16	S	convolution th				
23/3/16	G	solution of D.E by z-transform form				
21/3/16	F	solution of D.E by z-transform form				
27/3/16	G	Beta functions and properties	V			
27/3/16	S	Gamma functions & properties				
20/3/16	G	Relation b/w β - γ function				
2/4/16	F	recursive relations & formulae				
4/4/16	G	Evaluation of improper integrals by β - γ property				
6/4/16	S	Evaluation of improper integrals by β - γ property				
6/4/16	G	evaluation of integrals				
9/4/16	F	evaluation of integrals				
11/4/16	G	solved problems				
13/4/16	S	solving the problems				
13/4/16	G	solving the problems				
17/4/16	F	revision of UNIT-I				
19/4/16	G	revision of UNIT-II				
21/4/16	S	Revision of UNIT-III				
24/4/16	G	Revision of Unit-IV				

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	26/4/16	revision of UNIT-IV				
						total