LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Act Upon Revie
1	16-2-15	Matrix, types, inverse of a matrix	I	BB		
2	17-2-15	Rank - definition Find rank using definition.	"	"		
3	18-2-15	Echelon form, Normal form-defn.	"	"		
4	19-2-15	Calculation of rank using echelon form	"	"		
5	20-2-15	Calculation of rank using Normal form	"	"		
6	23-2-15	Solution of linear System - Direct methods	"	"		
7	24-2-15	Gauss elimination method - problems	"	"		
8	25-2-15	Gauss Jordan Method - Problems	"	"		
9	26-2-15	Gauss Seidal Method - Problems	"	"		
10	27-2-15	Tutorial				
11	2-3-15	Eigen values, eigen vectors - definition	II	BB		
12	3-3-15	Properties	"	"		
13	4-3-15	Properties	"	"		
14	5-3-15	Cayley's Hamilton theorem	"	"		
15	23-3-15	Problems - Cayley's theorem	"	"		
16	24-3-15	Inverse & powers of matrix - problems	"	"		
17	25-3-15	Quadratic to Normal form.	"	"		
18	26-3-15	Problems	"	"		
19	27-3-15	Problems	"	"		
20	30-3-15	Nature of normal form.	"	"		

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	Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
21		31-3-15	Tutorial - Cayley's theorem - problems.	"	"		
22		1-4-15	"	"	"		
8		2-4-15	Tutorial - Quadratic form.	"	"		
23		3-4-15	Free vibration of two mass system.	"	"		
24		6-4-15	Fourier Series exp., Fourier Coeffic.	III	"		
25		7-4-15	Determine fourier Series - problems.	"	"		
26		8-4-15	for diff. intervals Problems	"	"		
27		9-4-15	Fourier series expansion for odd & even funct.	"	"		
28		10-4-15	Problems.	"	"		
29		13-4-15	Half range Sine & Cosine series	"	"		
30		14-4-15	Problems	"	"		
31		15-4-15	Fourier integral Theorem, formulae	III	BB		
32		16-4-15	Fourier Sine & Cosine integrals	"	"		
33		17-4-15	Problems	"	"		
34		20-4-15	FT, Fourier Sine, Cosine transforms.	"	"		
35		21-4-15	Properties	"	"		
36		22-4-15	Problems	"	"		
37		23-4-15	Problems	"	"		
38		24-4-15	Inverse Fourier transform	"	"		
39		27-4-15	"	"	"		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Correc Upon
40	28-4-15	Problems	III	BB		
41	29-4-15	Finite Fourier transforms - problems	"	"		
42	30-4-15	Z- transforms - defn. Z- trans of Basic function	IV	BB		
43	1-5-15	Properties	"	"		
44	18-5-15	Damping, Shifting rules problems.	"	"		
45	19-5-15	Initial & final value theorems - proofs	"	"		
46	20-5-15	Problems	"	"		
47	21-5-15	Inverse Z-transform by formula,	"	"		
48	22-5-15	Inverse - Partial fractions	"	"		
49	25-5-15	Inverse by convolution theorem.	"	"		
50	26-5-15	Problems.	"	"		
51	27-5-15	Application - Solution of Difference eqn.	"	"		
52	01-6-15	Problems.	"	"		
53	2-6-15	Problems	"	"		
54	3-6-15	Tutorial	"	"		
55	4-6-15	Tutorial	"	"		
56	5-6-15	Special function Gama, Beta function	V	"		
57	8-6-15	Properties	"	"		
58	9-6-15	Properties	"	"		
59	10-6-15	Relation between Beeta & Gama fun	"	"		

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	Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
60		11-6-15	Problems	V	BB		
61		12-6-15	Problems	"	"		
62		15-6-15	Functions of [illegible]	"	"		
63		16-6-15	functions per integral — problems	"	"		
64		17-6-15	Problems.	"	"		
65		18-6-15	Revision / Remedial	"	"		
66		19-6-15	Find rank — revision	"	"		
67		22-6-15	Find eigen values & eigen vectors	"	"		
68		23-6-15	Problems	"	"		
69		24-6-15	Cayley — prob	"	"		
70		25-6-15	Fourier series — problems	"	"		
71		26-6-15	Z-transform of some fund.	"	"		
72		29-6-15	Problems	"	"		
73		30-6-15	Special functions Revision	"	"		
74		01-7-15	Cover	"	"		9/01/04