

# LESSON PLAN

S. No	Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	5	3/3/14	Solution of Algebraic and transcendental Equations Bisection method	2	CR		
2	1	4/3/14	problems				
3	4	5/3/14	Regula Falsi method				
4	7	6/3/14	problems				
5	4	7/3/14	Iteration method Problems				
6	5	10/3/14	Contol problem, Newton, Raphson method				
7	1	11/3/14	Contol. problem				
8	4	12/3/14	Curve fitting a straight line problems				
9	7	13/3/14	bit page error, problems				
10	4	14/3/14	exponential curve power curve				
11	1	18/3/14	Interpolation: - Introduction finite difference	II	CR		
			symbolic relation and separation of symbols				
2	4	19/3/14	Contol problem				
3	7	20/3/14	Newton's forward/back interpolation formula				
4	4	21/3/14	problems				
5	5	24/3/14	Gauss forward/back word interpolation				
6	1	25/3/14	problems				



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17	4	26/3/14	Lagrange's Interpolation formula	II	CR		
18	7	27/3/14	Contd. problem				
19	4	28/3/14	Numerical differentiation				
20	1	29/3/14	Newton's forward, backward, Stirling's formula				
			problem				
21	4	2/4/14	Contd. problem				
22	7	3/4/14	Numerical Integration, Newton's rule formula				
23	4	4/4/14	Trapezoidal Rule, problem				
24	5	7/4/14	Simpson's $\frac{1}{3}$ , $\frac{2}{3}$ Rules, problem				
25	4	9/4/14	Numerical Solution of ODE: Taylor Series method, problem	III	CR		
26	7	10/4/14	Contd. problem				
27	4	11/4/14	Taylor's series method for second order d.e.				
28	5	19/4/14	Picard's method, problem				
29	1	20/4/14	Contd. problem, Euler's method				
30	4	21/4/14	Contd. problem, Modified Euler's method				
			problem				
31	7	22/4/14	Runge Kutta method				
32	4	23/4/14	Contd. problem				



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303	5	26/5/14	milne's predictor-corrector method, problem	III	CP		
34	1	27/5/14	Laplace transform - det, question L.T. of standard fns	IV	CP		
35	4	28/5/14	Contd. problem				
36	7	29/5/14	Shifting Th., problem				
37	4	30/5/14	L.T. of derivatives				
38	5	2/6/14	L.T. Integrals, problem				
39	1	3/6/14	Contd. problem, L.T. division				
40	4	4/6/14	Contd. problem				
41	7	5/6/14	Evaluation of integration using L.T.				
42	4	8/6/14	Inverse L.T. using partial fraction				
43	5	9/6/14	Contd. problem				
44	1	10/6/14	Contd. problem using shifting Th.				
45	4	11/6/14	problem using Inverse L.T. derivatives, integration				
46	7	12/6/14	problem and convolution Th.				



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47	4	13/6/14	Contd. problems	IV	CP		
48	5	16/6/14	Solution of O.D.E. problems				
49	1	17/6/14	Contd. problems				
50	4	18/6/14	Formation of P.D.E. by elimination of constants	VI	CP		
51	7	19/6/14	problems and				
			Formation of P.D.E. by elimination of variables				
52	4	20/6/14	problems				
53	4	26/6/14	Lagrange's method problems				
54	4	27/6/14	Contd. problems				
55	5	30/6/14	Contd. problems, standard form-II				
56	1	1/7/14	standard form-III				
57	4	2/7/14	standard form-IV and standard form-V				
58	7	3/7/14	reducible to standard form				
59	4	9/7/14	method of separation of variables, problems				
60	5	7/7/14	Contd. problems				
61	1	8/7/14	one dimensional wave eq'n				
62	4	9/7/14	problems,				
63	7	10/7/14	Contd. problems				



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Sl. No.	Date (dd/mm/yyyy)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
53	11/04/19	one dimensional Heat equation	V	CR		
54	12/04/19	process				
55	13/04/19	Laplace's equation				
56	14/04/19	Contd process				
57	15/04/19	Contd process				
	16/04/19	Revisional class	Activity	CR		

~~4/4/19~~  
4/4/19