

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	7/8/17	1st order first degree differential eqn - complete	I	CR		
2	9/8	solution types of solutions	"	"		
3	10/8	solution by variable separable	"	activity fill in the blanks		
4	11/8	solution for 1st order homogeneous	"	CR		
5	16/8	differentiation & integration formulae	"	CR		
6	17/8	exact linear D.E	"	CR		
7	18/8	problem	"	CR		
8	19/8	leibniz's linear D.E	"	"		
9	21/8	problem	"	"		
10	23/8	Bernoulli's differential equation	"	"		
11	24/8	Mittler's law of cooling problem solving	"	"		
12	26/8	natural growth & decay	"	"		
13	28/8	orthogonal trajectories	"	"		
14	30/8	2nd & higher order differential equations	II	CR		
15	31/8	problem solving on 2nd	"	CR		
16	1/9	yp with $x = e^{ax}$	"	CR		
17	4/9	yp with $x = \sin ax$	"	"		
18	6/9	yp with $x = \cos ax$	"	"		
19	7/9	yp with $x = x^m$	"	"		
20	8/9	yp with $x = e^{mx}$	"	"		

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21	11/9	yp with $x = x^{1/n}$	II	CR		
22	13/9	solution of yp by method of variation of parameters	"	CR		
23	14/9	problem solving	"	"		
24	15/9	Cauchy Euler's equation	"	"		
25	16/9	problem solving	"	"		
26	18/9	Tutorial / Revision	"	"		
27	20/9	yp - Tutorial	"	"		
28	21/9	yp - tutorial	"	"		
29	23/9	yp - tutorials	"	"		
30	23/9	yp - tutorials	"	"		
31	25/9	Partial differential & P.D.E concept	III	"		
32	27/9	total derivative rule & problems	"	"		
33	4/10	chain rule & problems	"	"		
34	5/10	generalized mean value theorem	"	"		
35	6/10	for one variable & two variables	"	"		
36	7/10	Taylor's series for two variables	"	"		
37	9/10	1st mid				
38	11/10	"				
39	12/10	"				
40	15/10	"				

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41	14/10	It and				
42	16/10	MC Laurent series of a two variable	III	CR		
43	18/10	Taylor's def functional dependence	"	"		
44	20/10	Problem	"	"		
45	21/10	Maxima & minima of a two variable function	"	"		
46	23/10	Maxima & minima Problem	"	"		
47	25/10	Problem	"	"		
48	26/10	Maxima, minimum with constraint	"	"		
49	27/10	Double integrals concepts & rules	IV	"		
50	28/10	Solution of Double integrals	"	"		
51	30/10	Change of variable (Jacobian)	"	"		
52	31/10	Change of order of integration	"	"		
53	1/11	Problem	"	"		
54	2/11	Triple integrals - concept	"	"		
55	3/11	Change of variable in triple integrals	"	"		
56	6/11	Problem	"	"		
57	9/11	Problem	"	"		
58	10/11	Problem	"	"		
59	13/11	Problem	IV	"		

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62	16/11	Second order operators Problem solving	V	CR		
63	17/11	vector integration - line integration	"	CR		
64	18/11	different type of questions	"	CR		
65	20/11	work done - Problem	"	"		
66	22/11	calculation of potential function	"	"		
67	23/11	Surface and volume integrals	"	"		
68	24/11	"	"	"		
69	25/11	volume integral Problem	"	"		
70	27/11	Green's th & Problem	"	"		
71	29/11	Stokes th & Problem	"	"		
72	30/11	Gauss' divergences th & Problems	"	"		
73	2/12	Euler's equation	"	"		
	4/12	II and				