

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	1/10	Introduction of Algebra & Transcendental eq's	I	C. R		
7	6/10	bisection method	"	"		
5	7/10	Contd problems	"	"		
6	8/10	Iteration method	"	"		
3	9/10	Contd problems	"	"		
1	10/10	Newton Raphson method	"	"		
7	13/10	Contd problems	"	"		
5	14/10	Regula falsi method	"	"		
6	15/10	Contd problems	"	"		
3	16/10	fit a straight line	"	"		
1	17/10	Contd problems	"	"		
7	18/10	fit a parabola	"	"		
5	21/10	Contd problems	"	"		
6	22/10	fit an exponential curve	"	"		
3	24/10	fit power curve	"	"		
1	27/10	Introduction of Euler relation	II	"		
7	28/10	finite differences tables	"	"		
5	29/10	problems on finite differences.	"	"		
6	30/10	Symbolic Relations	"	"		
3	31/10	Presenting Tables forward	"	"		

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1	3/11	Newton's backward	II	C.R		
7	5/11	Gauss forward	"	"		
5	6/11	Gauss backward	"	"		
6	7/11	Stirling's formula	"	"		
3	10/11	Lagrange's formula	"	"		
1	11/11	derivatives of Newton forward	"	"		
7	12/11	derivatives of Newton backward	"	"		
5	13/11	derivatives of Stirling's formula	"	"		
6	14/11	trapezoidal rule	"	"		
3	17/11	Simpson's 1/3 rule	"	"		
1	18/11	Simpson's 2/3 rule	"	"		
7	19/11	Introduction of numerical solutions of O.E	III	"		
5	20/11	Taylor's method	"	"		
6	21/11	Contd problems	"	"		
3	24/11	Picard's method	"	"		
1	25/11	Contd problems	"	"		
7	26/11	Euler's method	"	"		
5	27/11	Contd problems	"	"		
6	28/11	modified Euler's method	"	"		
3	29/11	Contd problems	"	"		

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1	7/12	R-K method	III	CR		
7	8/12	Contd problem	"	"		
5	3/12	Introduction of Laplace transforms.	IV	"		
6	29/12	Laplace transform of standard forms	"	"		
3	5/12	Shifting theory	"	"		
1	8/12	Contd problem	"	"		
7	9/12	L.T of derivatives	"	"		
5	10/12	Contd problem	"	"		
6	15/12	L.T of integrals	"	"		
3	12/12	Contd problem	"	"		
1	13/12	unit step function	"	"		
7	16/12	Dirac delta fun	"	"		
5	27/12	Introduction of inverse Laplace Trans	"	"		
6	18/12	Shifting theory	"	"		
3	29/12	D.L.P of derivatives	"	"		
1	22/12	D.L.P of integrals	"	"		
7	28/12	Convolution theorem	"	"		
5	29/12	Applications of D.P	"	"		
6	26/12	Introduction of P.D.F	V	"		
3	29/12	Formation of P.D.F eliminating arbitrary constants	"	"		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	30/12	Elimination of P.D.E with arbitrary functions.	9	C.R		
7	31/12	Solutions of first order linear equations (Laplace)	"	"		
5	2/1/15	non linear equations Control problems.	"	"		
6	5/1/15	non linear equations $f(x, y) = 0$	"	"		
3	6/1/15	$f(x, y, z) = 0$	"	"		
1	7/1/15	$f_1(x, y) = f_2(x, y)$ $z = px + qy + f(x, y)$	"	"		
7	8/1/15	$f(x^m, y^n, z) = 0$ or $f(x^m, y^n, z) = 0$	"	"		
5	9/1/15	method of separation variables.	"	"		
6	15/1/15	one dimensional wave eqn	"	"		
3	16/1/15	one dimensional Heat eqn.	"	"		