

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
3	19/10	Introduction of algebra and Transcendental eqn	I			
1	22/10	Bisection method				
3	23/10	falsi position method				
1	24/10	Iteration method				
4	25/10	Newton Raphson method				
3	26/10	Relation between Iteration and Newton Raphson method				
1	29/10	Fitting st. line				
3	30/10	second degree curve (Parabola)				
1	31/10	fit a power function				
4	1/11	fit a exponential curve				
3	2/11	Introduction of Interpolation	II			
1	5/11	finite difference.				
3	6/11	Forward difference				
1	7/11	Backward and central difference				
4	8/11	Relation and separation				
3	9/11	Newton formula for interpolation				
4	15/11	Interpolation with an equally spaced points				
3	16/11	Lagrange's Interpolation formula				
1	19/11	Numerical difference using finite difference				
2	20/11	contd problems				

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1	21/11	Trapezoidal rule.	II	CR		
4	22/11	Simpson's $\frac{1}{3}$ rule, $\frac{3}{8}$ rule				
3	23/11	Introduction of Numerical soln	III			
1	26/11	Solution of Taylor Series				
3	27/11	Picards method				
1	28/11	Contd problems				
4	29/11	Euler's method				
3	30/11	Modified Euler method				
1	31/12	Runge-Kutta method				
3	4/12	1st, 2nd, 3rd formulation R-K method				
1	5/12	Predictor method				
4	6/12	Corrector method				
1	10/12	Introduction of Laplace transformation	IV			
3	11/12	Standard form of LT				
1	12/12	First and second shifting theorem				
4	13/12	Transform of derivatives				
3	14/12	Integration of LT				
1	17/12	Division and multiplication by t				
3	18/12	Unit step function				

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1	24/12	Picard's delta function	IV	CR		
1	25/12	Envelope Laplace transforms				
4	26/12	convolution theorem				
3	27/12	Application of OD by LT				
1	28/12	Introduction of PDE	V	CR		
1	31/12	Formation of PDE by by elimination of constant				
3	1/1	Formation of PDE by elimination function				
1	2/1	Solution of linear Lagrange, grouping				
4	3/1	Non linear type-1				
3	4/1	Numerical Type-2				
1	7/1	standard type 3, type 4				
3	8/1	soln of linear PDE with constant coefficient				
1	9/1	methods of separation of variable				
4	10/1	Application of PDE one dimensional wave				
3	11/1	contd problem				
4	17/1	Application of PDE one dimensional heat eqn				
3	18/1	contd problem				
1	21/1	Revision of 1st unit				
3	22/1	conduct one sup test on 1st unit				
1	23/1	Revision on second unit				

[illegible]