LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
5	28/12	Fitting of straight line	II	CR		
2,3	29/12	Fitting of Parabola Power curve	,,	CR		
3	30/12	Fitting of exponential curves	,,	CR		
5	4/1	Problem on exponential curves	,,	,,		
2,3	5/1	Introduction to Algebraic & Transcendental	,,	,,		
3	6/1	Bisection method	,,	,,		
3	7/1	Problem on Bisection method & false position	,,	,,		
4	8/1	Solved problem on false position	,,	,,		
4	9/1	The Iteration method	,,	,,		
5	11/1	Newton-Raphson method	,,	,,		
2	12/1	Introduction to Interpolations finite difference	II	CR		
3	12/1	Forward & Backward Differences	II	,,		
5	18/1	Symbolic relation & Separation of symbols	,,	,,		
2	19/1	Difference of a polynomial	,,	,,		
3	19/1	Newton forward formula	,,	,,		
3,6	20/1	Newtons Backward formula	,,	,,		
5,6	25/1	Gauss control Difference forward	,,	,,		
2	8/2	Gauss Backward formula	,,	,,		
2,3	9/2	Interpolation with unevenly spaced Lagrange's formula	,,	,,		
3	11/2	Numerical Differentiation	,,	,,		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
5	15/2	Numerical Differentiation	I	CR		
2	16/2	Integration - Trapezoidal Rule	II	"		
3	16/2	Simpson's 1/3 Rule	"	"		
5	22/2	Simpson's 3/8 Rule	"	"		
2	23/2	Solution by Taylor's Series	VI	CR		
3	23/2	Solved problem	"	"		
5	28/2	Picard's Method	"	"		
2	1/3	Euler's Method	"	"		
3	1/3	Modified Euler's Method	"	"		
2	8/3	R.K Method	"	"		
3	8/3	R.K. Methods	"	"		
5	14/3	Predictor - corrector Milne's Method	"	"		
5	14/3	Solved problem	"	"		
2	15/3	L.T & L.T of standard function	IV	CR		
3	15/3	Shifting theorem	IV	"		
3	17/3	Solved problem	"	"		
3	17/3	L.T. of derivative	"	"		
5	21/3	L.T. of Integrals	"	"		
2	22/3	Solved problems on L.T. of Integrals	"	"		
3	22/3	Inverse L.T	"	"		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
3	22/3	Inverse L.T. by partial fractions	IV	CK		
1	24/3	Inverse L.T. by convolution theorem	"	"		
3	31/3	Solved problems	"	"		
5	4/4	Soln of O.D.E using L.T	"	"		
3	7/4	Solved problems	"	"		
5	11/4	formation of P.d.e by eliminating of a.v. constant	V	QR		
2	12/4	formation of p.d.e by eliminating of a.v function	"	CK		
2	12/4	Solved problems	"	"		
3	12/4	linear P.d.e	"	"		
7	13/4	Lagrange's method	"	"		
8	17/4	Non-linear P.d.e Standard Type-I	"	"		
5	18/4	Standard Type-II & III	"	"		
2	19/4	Standard Type-IV	"	"		
3	19/4	Soln of P.d.e with constant coefficient	"	"		
2	20/4	method of separation variables	"	"		
3	21/4	One Dimension wave eqn	"	"		
4	22/4	One Dimension Heat eqn	"	"		

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