

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
2 nd	28-12-15	Def of Transcendental & Bisection Method.	I	POGEL		
3 rd	28-12-15	Problems on Bisection method & Regularity method	"	POGEL		
5 th	29-12-15	Problems on Regularity method.	"	CR		
3 rd	30-12-15	Iteration method of problems.	"	CR		
2 nd	4-01-16	Newton-Raphson method of problems.	"	CR		
3 rd	4-01-16	Problems on above methods.	"	PowerPoint presentation		
5 th	5-01-16	Problems on above methods	"	PPT		
3 rd	7-01-16	Fitting of 1 st line of problems.	"	CR		
2 nd	11-01-16	Fitting of 2 nd degree polynomial of problems	"	CR		
3 rd	11-01-16	Fitting on Exponential curve problems.	"	CR		
5 th	12-01-16	Problems on Exponential curve.	"	CR		
2 nd	18-01-16	Fitting of power curve of problems.	"	CR		
3 rd	18-01-16	Def of Interpolation finite differ.	II	CR		
5 th	19-01-16	Forward Back/ Central differ & Tables.	"	CR		
3 rd	21-01-16	Symbolic method.	"	CR		
2 nd	25-01-16	Problem on Symbolic method using term problem	"	CR		
5 th	25-01-16	Difference of a polynomial using term problem.	"	CR		
5 th	26-01-16	Newton forward Interpolation of problems	"	CR		
2 nd	8-02-16	Newton Backward Interpolation of problems	"	CR		
3 rd	8-02-16	Lagrange Interpolation of problems.	"	CR		

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5 th	09-02-16	Numerical differentiation of problems	II	PO4EL		
3 rd	11-02-16	Problem on Numerical differentiation.	"	PO4EL		
2 nd	15-02-16	Trapezoidal rule problems	"	PPT		
3 rd	15-02-16	Simpson's 1/3 & 3/8 rule problems.	"	PPT		
5 th	16-02-16	Taylor series problems.	III	CL		
2 nd	22-02-16	Picard's method problems	"	CL		
3 rd	22-02-16	Picard's method problems	"	PPT		
5 th	23-02-16	Euler method problems	"	CL		
3 rd	25-02-16	Euler Modified method problems.	"	PPT		
2 nd	29-02-16	R-K 1 st & 2 nd order problems.	"	CL		
5 th	01-03-16	R-K 3 rd & 4 th order problems.	"	CR		
3 rd	03-03-16	R-K 4 th order problem	"	PPT		
5 th	08-03-16	Milne's predictor-corrector method problems.	"	CL		
3 rd	10-03-16	Problem on Milne's predictor-corrector method.	"	PPT		
2 nd	14-03-16	Laplace Transform Def & Some Imp. formulae.	IV	CL		
3 rd	14-03-16	Formulae derivation, problems	"	CR		
5 th	15-03-16	Shifting rule, derivatives of problems	"	CL		
3 rd	17-03-16	L.T for $1/t$, t , of problems	"	CL		
2 nd	21-03-16	L.T & Inverse, Unit step function problems.	"	CL		
3 rd	21-03-16	Dirac delta function problems.	"	CL		

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1 st	22-03-16	Derivative Laplace Transformed - formula.	11	PPT + Project		
2 nd	28-03-16	Problems by Partial fraction	9	CL		
3 rd	28-03-16	Problem by Partial fraction	11	PPT		
1 st	28-03-16	Construction Method of problems.	11	CL		
3 rd	31-03-16	Applications of I.T. on D.E. of Problems.	11	CL		
2 nd	04-04-16	Problems on Applications	9	CL		
3 rd	04-04-16	Der. of P.D.E. formation by arith last of function	11	CL		
1 st	06-04-16	Problems on formation.	11	CL		
3 rd	07-04-16	Solution of first order Laplace Eq.	11	CL		
2 nd	11-04-16	non-linear stas func. I of II of problem	11	CL		
3 rd	11-04-16	Stand. func. III & IV of problems.	11	CL		
1 st	12-04-16	Sol. of P.D.E. with Cont coeffs.	11	CL		
2 nd	18-04-16	Method of Separation of variables.	11	CL		
3 rd	18-04-16	one-dimensional wave eq	11	CL		
1 st	19-04-16	one-dimensional wave eq problems.	11	PPT		
3 rd	21-04-16	one dimensional Heat Eq.	11	CL		
2 nd	25-04-16	one dimensional Heat Eq of problems.	11	PPT		
3 rd	25-04-16	Problem on above topics	11	PPT		
1 st	25-04-16	Revision	11	CL		
2 nd	28-04-16	Revision.	11	CL		