

Lesson Plan

Subject Mathematics (Code) TH-1 Name of faculty Kajal Priya Panigrahi
Semester 3rd Class allotted 5 P/Week Branch Electrical

Discipline	Semester	From date:	To date:	Teaching Aid
Subject:	No. of days/ per week	Theory/ Practical - Topics/Lesson		
Week	Date/Period			
1	15/9/22 + 16/9/22	Real & Imaginary numbers. conjugate, amplitude, modulus of complex number. Geometrical representation of C.N. Properties of complex number. cube root of unity.		White board & Marker
	19/09/22 + 24/09/22	Demorgan's theorem, Problems Rank of matrix. Problems Rouche's theorem. Testing consistency Problems		
3	26/09/22 + 01/10/22	Homogeneous & Non homogeneous system of linear equations. General solution, C.F. & P.F. particular integral particular differential eqns		White board & Marker
	10/10/22 + 15/10/22	Eliminating arbitrary function problems problems problems		
5	17/10/22 + 22/10/22	Gamma fun ⁿ , L. Transform inverse Laplace transform existence cond ⁿ of L-T Linearity & shifting property L-T of derivatives & integrals		White board & Marker
	25/10/22 + 29/10/22	L-T by t^n & division by t . problems problems inverse L-T & method of P.F.		
7	31/10/22 + 05/11/22	problems. Periodic fun ⁿ , Dirichlet's cond ⁿ Convergence of D. conditions problems		White board & Marker

For
Signature of HOD Smritirekha Mohanty

Kajal Priya Panigrahi
Signature of faculty

Week	Date/Period	Theory/ Practical - Topics/Lesson	Teaching Aids
8	7/11/22	Binomial formula	White board
	+0	Even & odd fm ⁿ	S Marker
	12/11/22	problems. continuous functions problems	
9	14/11/22	problems	White board
	+0	problems	S Marker
	19/11/22	problems problems Solution of algebraic Eq ⁿ	
10	21/11/22	Bisection method, problems	White board
	+0	Newton-Raphson method	S Marker
	26/11/22	problems finite difference forward difference.	
11	28/11/22	Backward difference	White board
	+0	Shift operator, problems	S Marker
	03/12/22	Newton's forward formula Newton's backward formula Lagrange formula, problems	
12	05/12/22	Newton's cotan formula.	White board
	+0	Trapezoidal rule.	S Marker
	10/12/22	Simpson's 1/3rd rule problems problems	
13	12/12/22	problems	White board
	+0	problems	S Marker
	17/12/22	problems problems problems	
14	19/12/22	problems problems	White board
	+0	problems	S Marker
	22/12/22	problems	
15			

For
Smt. Smita Khatun Mahanta
Signature of HOD

Kajal Priya Pant
Signature of faculty