

Nov 18 – 25, 2024 (Day Order 1-6)	1 & 3	Unit 1: Laplace Transform 1.1 Definition of Laplace transform 1.2 Transforms of $f'(t)$ & $f''(t)$ Unit 3: Fourier Series 3.1 Fourier Series: Definition	K1- K5	3+2	CO1-5	Lecturing and Problem solving Group Discussions	Slip Test
Nov 26- Dec 3, 2024 (Day Order 1 to 6)	1 & 3	Unit 1: Laplace Transform 1.2 Transforms of $f'(t)$ & $f''(t)$ 1.3 Transformation of Function e^{-at} , $\cos at$, $\sin at$ and t^n , where 'n' is a Positive Integer Unit 3: Fourier Series 3.2 Finding Fourier Coefficients for a given Periodic Function with Period 2π	K1- K5	3+2	CO1-5	Lecturing and Problem solving Group Discussions	Quiz
Dec 4-11, 2024 (Day Order 1 to 6)	1 & 3	Unit 1: Laplace Transform 1.3 Transformation of Function e^{-at} , $\cos at$, $\sin at$ and t^n , where 'n' is a Positive Integer 1.4 First Shifting Theorem: Laplace Transforms of $e^{-at}\cos bt$, $e^{-at}\sin bt$ and $e^{-at}t^n$ Unit 3: Fourier Series 3.2 Finding Fourier Coefficients for a given Periodic Function with Period 2π	K1- K5	3+2	CO1-5	Presentation Group Discussions	Third Component Test for 20 marks (Problem Test – Unit 1)
Dec 12-19, 2024 (Day Order 1 to 6)	1 & 3	Unit 1: Laplace Transform 1.4 First Shifting Theorem: Laplace Transforms of $e^{-at}\cos bt$, $e^{-at}\sin bt$ and $e^{-at}t^n$ Unit 3: Fourier Series 3.3 Odd and Even Functions	K1- K5	3+2	CO1-5	Lecturing and Problem solving Group Discussions	Quiz
Dec 20, 2024	2	Unit 2: Inverse Laplace Transform 2.1 Inverse Laplace Transforms of Functions	K1- K5	1+0	CO1-5	Lecturing and	Quiz

(Day Order 1)		relating to $e^{-at} \cos bt$, $e^{-at} \sin bt$ and $e^{-at} t^n$				Problem solving	
Jan 3 – 7, 2025 (Day Order 3 to 6)	2 & 3	Unit 2: Inverse Laplace Transform 2.1 Inverse Laplace Transforms of Functions relating to $e^{-at} \cos bt$, $e^{-at} \sin bt$ and $e^{-at} t^n$ Unit 3: Fourier Series 3.4 Half-range Fourier Series-Development in Cosine Series, Development in Sine Series	K1- K5	2+2	CO1-5	Lecturing and Problem solving Group Discussions	Quiz
Jan 8 – 17, 2024 (Day Order 1 to 6)	2 & 3	Unit 2: Inverse Laplace Transform 2.1 Inverse Laplace Transforms of Functions relating to $e^{-at} \cos bt$, $e^{-at} \sin bt$ and $e^{-at} t^n$ Unit 3: Fourier Series 3.4 Half-range Fourier Series-Development in Cosine Series, Development in Sine Series	K1- K5	3+2	CO1-5	Lecturing and Problem solving Group Discussions	Slip Test
Jan 18 - 23, 2025	C.A. Test – I (Unit 2 & 3)						
Jan 24 -31, 2025 (Day Order 1 to 6)	2 & 4	Unit 2: Inverse Laplace Transform 2.2 Applications to Solutions of Ordinary Differential Equations with Constant Coefficients Unit 4: Statistics 4.1 Correlation 4.2 Scatter Diagram and its Uses	K1- K5	3+2	CO1-5	Lecturing and Problem solving Case Analysis	Slip Test
Feb 3-8, 2025 (Day Order 1 to 6)	2 & 4	Unit 2: Inverse Laplace Transform 2.2 Applications to Solutions of Ordinary Differential Equations with Constant Coefficients Unit 4: Statistics 4.3 Karl Pearson's Coefficient of Correlation	K1- K5	3+2	CO1-5	Lecturing and Problem solving Case Analysis	Slip Test

Feb 10– 18, 2025 (Day Order 1 to 4)	5 & 4	Unit 5: Group Theory 5.1 Groups–Definitions and Examples Unit 4: Statistics 4.4 Regression	K1- K5	2+1	CO1-5	Lecturing and Problem solving Case Analysis	Third Component for 10 marks (Seminar– Unit 5)
Feb 19- 26, 2025 (Day Order 1-6)	5 & 4	Unit 5: Group Theory 5.2 Properties of a Group Unit 4: Statistics 4.4 Regression	K1- K5	3+2	CO1-5	Group discussion Problem Solving Case Analysis	Quiz
Feb 27- Mar 6, 2025 (Day Order 1 to 6)	5 & 4	Unit 5: Group Theory 5.3 Order of an Element 5.4 Subgroups Unit 4: Statistics 4.5 Definition and Uses 4.6 Difference between Regression and Correlation	K1- K5	3+2	CO1-5	Lecturing and Problem solving Case Analysis	Third Component Case Studies for 20 marks (Unit 4)
Mar 7 – 11, 2025 (Day Order 1 to 3)	5 & 4	Unit 5: Group Theory 5.4 Subgroups Unit 4: Statistics 4.7 Graphic Method	K1- K5	1+1	CO1-5	Lecturing and Problem solving Case Analysis	Slip test
Mar 12 –17, 2025	C.A. Test – II (Unit 4 & 5)						

Mar 18 – 20, 2025 (Day 4 to 6)	5 & 4	Unit 5: Group Theory 5.5 Permutation Groups Unit 4: Statistics 4.8 Regression Equations: Regression Equation of Y on X and X on Y	K1- K5	2+1	CO1-5	Lecturing and Problem solving Case Analysis	Slip Test
Mar 21 - 28, 2025 (Day Order 1 to 6)	5 & 4	Unit 5: Group Theory 5.6 Cyclic Groups Unit 4: Statistics 4.8 Regression Equations: Regression Equation of Y on X and X on Y	K1- K5	3+2	CO1-5	Lecturing and Problem solving Case Analysis	Slip Test
Mar 29- April 2, 2025 (Day Order 1 to 3)	REVISION						