

Department of Mathematics

Sr	Name of the Faculty	Subject	PPT No	Title of the PPT
1.	Dr. T.G. Thange	Mathematics	1	<u>Lines In 3D</u>
			2	<u>Basics Of Geometry</u>
			3	Cones and Conicoid
			4	<u>Introduction to DE</u>
			5	<u>Types of ordinary DE</u>
			6	<u>Applications of ordinary DE</u>
			7	<u>Introduction to partial differential equations</u>
			8	<u>Initial and boundary value problems</u>
			9	<u>Number Theory</u>
			10	<u>Introduction to number theory</u>
			11	<u>Group Theory</u>
			12	<u>Introduction to Groups</u>
			13	<u>Theorems In Groups</u>
			14	<u>Sylow Theorems</u>
			15	<u>Permutation Groups</u>
			16	

				<u>Dihedral Groups</u>
			17	<u>Ring Theory</u>
			18	<u>More about ring theory</u>
			19	<u>Field theory</u>
			20	<u>Vector Spaces</u>

Sr. No .	Name of the Faculty	Subject	PPT No	Title of the PPT
2	R. M. Chavan	Maths	1	<u>1.1 Beta Function</u>
			2	<u>1.2 Beta Function</u>
			3	<u>Gamma Function</u>
			4	<u>1.1 Laplace Transform</u>
			5	<u>1.2 Laplace Transform</u>
			6	<u>1.1 Infinite Fourier Transform</u>
			7	<u>1.2 Infinite Fourier Transform</u>
			8	<u>Finite Fourier Transform</u>
			9	<u>Parseval's Identity</u>
			10	<u>Successive Differentiation</u>
			11	<u>Rolle's Theorem</u>
			12	<u>Lagranges's Mean Value Theorem</u>
			13	<u>Cauchy's Mean Value Theorem</u>
			14	<u>Increasing and Decreasing Function</u>
			15	<u>Taylor's Theorem</u>
			16	<u>Maclaurin's Theorem</u>
			17	<u>1.1 Partial Differentiation</u>

			18	<u>1.2 Partial Differentiation</u>
			19	<u>1.3 Partial Differentiation</u>
			20	<u>Basics of Vectors</u>
			21	<u>Vector Differentiation</u>
			22	<u>Method of Variation of Parameters</u>
			23	<u>Reduction of Order of Homogeneous Equations</u>
			24	<u>Jacobian</u>
			25	<u>Number Theory</u>
			26	<u>Advanced Calculus</u>
			27	<u>Metric Space</u>
			28	<u>1.1 Real Analysis</u>
			29	<u>1.2 Real Analysis</u>
			30	<u>1.3 Real Analysis</u>
			31	<u>1.4 Real Analysis</u>
			32	<u>1.5 Real Analysis</u>
			33	<u>1.6 Real Analysis</u>