

Record of E-Content Developed by Teachers

<u>Name of the Teacher</u>	<u>Subject</u>	<u>Class</u>	<u>Paper Number and Name</u>	<u>Topic Name</u>	<u>Link to E-Content (PPT)</u>
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Introduction to Syllabus and Matrices	https://drive.google.com/file/d/15rbONAjwKAUFotS3drihqZ898AC_RsWJ/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Different Types of Matrices	https://drive.google.com/file/d/1n5ktvkRRXNeJ6YO_p6I4Cjggrp_53RoF/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Matrix Addition and Properties	https://drive.google.com/file/d/1QH4iLLcmoRmfTUr0TpOQVAM5aYhy5REB/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Multiplication of Matrix by a Scalar	https://drive.google.com/file/d/1gPkllmcZVQ-NPZ5004KSjUZ6Qpbef-R9/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Multiplication of Two Matrices	https://drive.google.com/file/d/1CHEngASPpRoWDjbiWfHtHL3CNZGAjBj/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Properties of Matrix Multiplication	https://drive.google.com/file/d/1Z4AQesSxhX74ksb7n7y_4eGR3YIVx2Ilg/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Positive Integral Powers of a Matrix	https://drive.google.com/file/d/1svzLQQiQiOzlsjefWqC2uvaJt2sGqHWc/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Idempotent, Nilpotant and Involutory Matrices	https://drive.google.com/file/d/1m7XyTyol_j_MlifwR02o8UAIBKh0POB/view?usp=share_link

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Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Transpose, Conjugate and Transposed Conjugate of a Matrix	https://drive.google.com/file/d/1r20ySqVRyeTYDqbR_kECmSP_9RyO34Ek/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Determinant of a Square Matrix	https://drive.google.com/file/d/12k7pBGsPycbxrn3ZqvINaMCyT5r0S5ix/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Adjoint of a Square Matrix	https://drive.google.com/file/d/1BNGvhyvcX9G0BIDct4v020eB84BCwkt/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Calculations of Adjoint of Matrix	https://drive.google.com/file/d/14CGC_SXk80cKgYiCNEyBZYJeCR6eIR_9/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Singular and Non-singular Matrices	https://drive.google.com/file/d/1K6fxWB-oWdvps_pgQoB7LIWixdrgQJuG/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Inverse of a Square Matrix	https://drive.google.com/file/d/1yHbMJ9RDXp0SR2Jc6KM1MUMj6kveA4gQ/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Orthogonal Matrices	https://drive.google.com/file/d/1HGbTaWnzEjX5Pbs1p036Hq3Y516FQcvH/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Unitary Matrices	https://drive.google.com/file/d/1HniCasts08Cfj14lCchXkg0KpxJZicvb/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Minors and Rank of Matrix	https://drive.google.com/file/d/1OFkzLgAWZpb3o5l-gTOiyx4x3UV6NQC/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Elementary Row Operations	https://drive.google.com/file/d/1wCnosDAwA5f4eXcr_CrTO8BooqYrbchF/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Elementary Operations	https://drive.google.com/file/d/1k83sWTQ-rVLeZPM76Or5mTkZ22Hxuurb/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Row Equivalent Matrices	https://drive.google.com/file/d/1Bot8DPsOJF3tMra5ITApC_3vTUGfZu_2/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Row Rank of a Matrix	https://drive.google.com/file/d/1gfx32HyfxlMfLscjQMpvvtbSDyrrd0PHP/view?usp=share_link

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Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Column Echelon Matrices and Column Rank	https://drive.google.com/file/d/1XXhEVUE1knvjaJ5NMPmxAPapASVbQBE/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Systems of Linear Equations	https://drive.google.com/file/d/1MZfk0FjmSI4C8dr1rxr_pZo6yJXsMoNQ/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Equivalent Systems of Equations	https://drive.google.com/file/d/11mZYSQDvA7mELiLWhEEWrE2zb0YXxYTc/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Systems with Unique and Infinitely Many Solutions	https://drive.google.com/file/d/1AAiGfqSrKl_efONIStrUJ9rnEV1YoayV/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Systems with Zero and Infinitely Many Solutions	https://drive.google.com/file/d/1gdXzR_1b43ltnCdg71l-fSX29WzmjUUD/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Systems with Choosable Unknown Constant	https://drive.google.com/file/d/1QIxJARLP4ygEwpljT1pRfFZ-KV7zbMmY/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	System of Homogeneous Equations	https://drive.google.com/file/d/14pdfBE8UZxdnzb2esOLe5JsQMEJ7PIh/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Problems on Homogeneous Equations	https://drive.google.com/file/d/1SczHdOR9XuAnohForehjTnpXa1yIlb-z/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Characteristic Roots and Characteristic Vectors	https://drive.google.com/file/d/1mgWeQ7xaQEZ4xUI1RMJB9td6oTkRUgwy/view?usp=share_link

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Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Finding Characteristic Roots	https://drive.google.com/file/d/1Kcd_mCnF25-uNTVLFjdnsnSveXWFPn0v/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Finding Characteristic Roots and Characteristic Vectors	https://drive.google.com/file/d/15xFlz4kQobJpvQSeLu3B-n1W5mTuHcrb/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Cayley-Hamilton Theorem	https://drive.google.com/file/d/1IWnL0HJGAYXDGeYnKgAjzJssSknJlz4/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Problems Cayley-Hamilton Theorem	https://drive.google.com/file/d/1YDCZIDTHIY7i-1QD26d48bfdxmveyrdG/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Complex Quantities	https://drive.google.com/file/d/1gQ5IQuKX4LZVKdPMLrgxaffhEGVMPwp4/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	De-Moivre's Theorem	https://drive.google.com/file/d/1f1juP9YdFRjN8G5F9U7xrHJy9i1vaBU-/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Expansions of $\cos n\theta$ and $\sin n\theta$	https://drive.google.com/file/d/1BqnD3P1f4_VlnHLS-h6NcQq4tPBJ9Eus/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Expansions of $\cos^n \theta$ and $\sin^n \theta$	https://drive.google.com/file/d/1LTknOp1NINFeYeU1zEfzcqIYooCmcX4K/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Problems on Expansions of Powers of Cos and Sin	https://drive.google.com/file/d/1ID9RMepFONiwVzvLhHonP10ww1kYLRrB/view?usp=share_link

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Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Exponential Series for Complex Quantities, Circular Functions of Complex Angles	https://drive.google.com/file/d/1psaOfi0LgSdwlf2JHE5qc23z_3zIIa8g/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Hyperbolic Functions	https://drive.google.com/file/d/1ulQ7Vp333zko6AM3PaM-aLP9MgzMiWpa/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Power Series Expansions for Hyperbolic Functions	https://drive.google.com/file/d/1HZY7DgiFlt--nGBvRBG9wJJ0F2XTpDQm/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Inverse Circular Functions	https://drive.google.com/file/d/1xvZ-WSiUf2KZz78Ku_KAJkAFfN20xTcw/view?usp=share_link
Dr. N. A. Pande	Mathematics	B.Sc.1	2 - Algebra & Trigonometry	Inverse Hyperbolic Functions	https://drive.google.com/file/d/1qLlwfxh0gUneRaW5hdftTKgyRJJbdICz/view?usp=share_link