

Polba Mahavidyalaya
Departmental Lesson Plan 2024-2025

Name of the Department: Mathematics

Name of the Programme: B.Sc. (General under CBCS and 3 yr. Major & Minor under CCFUP)

Name of the Course: Mathematics (General under CBCS and 3 yr. Major & Minor under CCFUP)

Period of the Lesson Plan: 1st July 2024 – 30th June 2025

ODD SEMESTER

Academic Period	Class	Paper	Topic to be covered	No. of lectures	Name of the teacher	Date of Internal Assessment
JULY' 2024 to DEC' 2024	SEM- I	MATH1011	Calculus, Geometry & Vector Calculus	60	Dr. Amrita Das (45) Mr. Palash Sadhu (15)	3rd week of Dec. 2024
		MATH1021	Calculus, Geometry & Vector Calculus	60	Dr. Amrita Das (45) Mr. Palash Sadhu (15)	
		MATH1031	Trigonometry & Coordinate Geometry	45	Dr. Amrita Das (20) Mr. Palash Sadhu (15)	
		MATH1051	Graph theory	45	Dr. Amrita Das (20) Mr. Palash Sadhu (15)	
	SEM-III	MATH3011	Real Analysis I	60	Dr. Amrita Das (10 L) Mr. Palash Sadhu (05 L)	2nd week of Dec. 2024
		MATH3012	Linear Algebra	60	Dr. Amrita Das (45) Mr. Palash Sadhu (15)	
		MATH3031	Calculus	45	Dr. Amrita Das (20) Mr. Palash Sadhu (15)	
		MATH3051	Mathematical Modelling	45	Dr. Amrita Das (20) Mr. Palash Sadhu (15)	
	SEM-V	BMG5DSE1A1	Matrices	60	Dr. Amrita Das (40) Mr. Palash Sadhu (20)	1st week of Dec.2024
		BMG5DSE1A2	Mechanics	60	Dr. Amrita Das (40) Mr. Palash Sadhu (20)	
		BMG5DSE1A3	Linear Algebra	60	Dr. Amrita Das (40) Mr. Palash Sadhu (20)	

EVEN SEMESTER

Academic Period	Class	Paper	Topic to be covered	No of lectures	Name of the teacher	Date of Internal Assessment
JAN' 25 to JUNE' 25	SEM-II	MATH2011	Introductory algebra and number theory	60	Dr. Amrita Das (45) Mr. Palash Sadhu (15)	3rd week of May, 2025
		MATH2021	Introductory algebra and number theory	60	Dr. Amrita Das (45) Mr. Palash Sadhu (15)	
		MATH2031	Algebra	45	Dr. Amrita Das (20) Mr. Palash Sadhu (15)	
		MATH2051	Programming in C	45	Dr. Amrita Das (20) Mr. Palash Sadhu (15)	
	SEM-IV	MATH4011	Metric Spaces	60	Dr. Amrita Das (10 L) Mr. Palash Sadhu (05 L)	2nd week of May, 2025
		MATH4012	Group Theory and Ring Theory	60	Dr. Amrita Das (45) Mr. Palash Sadhu (15)	
		MATH4013	Multivariate Calculus and Tensor Calculus	45	Dr. Amrita Das (20)	
		MATH4021	Intermediate Level Course (Vocational)	45	Dr. Amrita Das (20) Mr. Palash Sadhu (15)	
	SEM-VI	BMG6DSE1B3	Numerical Methods	60	Dr. Amrita Das (40) Mr. Palash Sadhu (20)	1st week of May,2025
		BMG6DSE1B3	Complex Analysis	60	Dr. Amrita Das (40) Mr. Palash Sadhu (20)	
		BMG6DSE1B3	Linear Programming	60	Dr. Amrita Das (40) Mr. Palash Sadhu (20)	