

**Departmental Teaching Plan**  
**Department of Mathematics**  
**Y.S.Palpara Mahavidyalaya**  
**Odd Semester (July-December)**  
**Session:2022-2023**

SEMESTAR	COURSE TYPE	COURSE TITLE	SUBJECT DESCRIPTION AND PROFRRSOR	
1 <sup>st</sup>	CORE COURSE-1	C1T	Calculus, Geometry, Differential Equation	
			Professors	Unit/Units
			P.K.Ghosh	1,2
			A.Kar	3
	CORE COURSE-2	C2T	Real Analysis	
			Professors	Unit/Units
			A.Kar	1
			K.Dagor	2
3 <sup>rd</sup>	CORE COURSE-5	C5T	Theory of Real Functions and Metric Space	
			Professors	Unit/Units
			P.K.Ghosh	1,2,3
	CORE COURSE-6	C6T	Group Theory-I	
			Professors	Unit/Units
			A.Sinha	All
	CORE COURSE-7	C7T	Numerical Methods and its lab	
			Professors	Unit/Units
			K.Dagor	Theory
	SEC-1	SEC-1	Logic and Sets	
			Professors	Unit/Units
			K.Kar	All
5 <sup>th</sup>	CORE COURSE-11	C11T	Partial Differential equation and its applications	
			Professors	Unit/Units
			A.Kar	1,2,3
	CORE COURSE-12	C12T	Group Theory-2	
			Professors	Unit/Units
			A.Sinha	All
	DSE-1	DSE-1	Linear Programming Problem	
			Professors	Unit/Units
			K.Kar	All
	DSE-2	DSE-2	Probability and Statistics	
			Professors	Unit/Units
			P.K.Ghosh	All