

**Departmental Teaching Plan**  
**Department of Mathematics**  
**Y.S.Palpara Mahavidyalaya**  
**Odd Semester (July-December)**  
**Session:2020-2021**

SEMESTAR	COURSE TYPE	COURSE TITLE	SUBJECT DESCRIPTION AND PROFESSOR		
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	
			K.Dagor	4	
	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	
			K.Dagor	4	
	CORE COURSE-12	C12T	Group Theory-2		
			Professors	Unit/Units	
	DSE-1	DSE-1	Linear Programming Problem		
			Professors	Unit/Units	
	DSE-2	DSE-2	Probability and Statistics		
			Professors	Unit/Units	
				P.K.Ghosh	All