

**Departmental Teaching Plan**  
**Department of Mathematics**  
**Y.S.Palpara Mahavidyalaya**  
**B.Sc (Honours) in Mathematics**  
**Even Semester (January-June)**  
**Session-2021-2022**

SEMESTAR	COURSE TYPE	COURSE TITLE	SUBJECT DESCRIPTION AND PROFESSOR	
2 <sup>nd</sup>	CORE COURSE-3	C3T	Real Analysis	
			Professors	Unit/Units
			A.Sinha	1
	P.Ghosh	2,3		
	CORE COURSE-4	C4T	Differential Equation and Vector Calculus	
			Professors	Unit/Units
K.Dagar			1	
K.Kar			2	
A.Kar	3,4			
4 <sup>th</sup>	CORE COURSE-8	C8T	Riemann Integration and Series of function	
			Professors	Unit/Units
			P.K.Ghosh	1,3
	K.Dagar	2,4,5		
	CORE COURSE-9	C9T	Multivariate Calculus	
			Professors	Unit/Units
			A.Kar	1
	K.Dagar	2,3,4		
	CORE COURSE-10	C10T	Ring Theory and Linear Algebra	
			Professors	Unit/Units
A.Sinha	All			
SEC-2	SEC-2	Graph Theory		
		Professors	Unit/Units	
K.Kar	All			
6 <sup>th</sup>	CORE COURSE-13	C13T	Metric Space and Complex Analysis	
			Professors	Unit/Units
			K.Dagar	1,2,3
	A.Kar	4,5,6		
	CORE COURSE-14	C14T	Ring Theory and Linear Algebra	
			Professors	Unit/Units
	A.Sinha	All		
	DSE-3	DSE-3	Mechanics	
			Professors	Unit/Units
			K.Dagar	1,2
	K.Kar	3		
	DSE-4	DSE-4	Mathematical Modeling	
Professors			Unit/Units	
P.K.Ghosh	All			