

**Departmental Teaching Plan**  
**Department of Mathematics**  
**Y.S.Palpara Mahavidyalaya**  
**B.Sc (Honours) in Mathematics**  
**Even Semester (January-June)**  
**Session-2018-2019**

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		