


ANNUAL TEACHING PLAN

SESSION: 2017-2018

DEPARTMENT : Mathematics
CLASS/SEMESTER : B.Com 5th Semester
SUBJECT : Business Mathematics
PAPER CODE : 501

UNIT NO.	CONTENT OF SYLLABUS	TAUGHT BY	REMARKS
1.	ALGEBRA: Linear and Quadratic Equations, Arithmetic and Geometric Progression, Logarithm, Co-ordinate geometry, Section Formula ,Areas, Gradient, Straight Lines, Various forms and conditions of parallelism and perpendicularity of two straight lines.	Tarun Kumari	
2.	DETERMINANTS : Properties, minors, cofactor, solutions. Matrices : Types, addition, multiplication, adjoint, inverse, solution, applications.	Binud Kr. Panging	
3.	LINEAR PROGRAMMING: Formulation of L.P.P, Graphical Method of Solution, Mixed Constraints, Simplex Method, Duality etc.	Tarun Kumari	
4.	CALCULUS: Function, Limit and Continuity, Derivative, Application of Derivative, Second Order Derivative, Maxima and Minima.	Binud Kr. Panging	


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