

**Curriculum Plan: B.Sc. (Hons) Mathematics (Semester I)- Vedic Mathematics-I
2024-25 Odd Sem**

<p align="center">Dr. Rajni Kanwar Assistant Professor Department of Mathematics Kalindi College University of Delhi Delhi- 110008 Mobile: 7607401426 E- mail: rajnikanwar@kalindi.du.ac.in</p>		Marks Distribution	Theory - 30
			Internal Assessment- 10 Practical - 40
		Classes Assigned	Lectures: 1 per week
	References	1. The essentials of vedic mathematics, Rajesh Thakur	
	Week	Topics	
	1st week	History of Vedic Maths and its Features	
	2nd week	Vedic Maths formulae: Sutras and Upsutras	
	3rd week	Addition in Vedic Maths: Without carrying	
	4th week	Addition in Vedic Maths: Dot Method	
	5th week	subtraction in Vedic Maths: Nikhila Navatashcaramam Dashatah	
	6th week	Practice of questions based on addition and subtraction sutras	
	7th week	Class Test	
	8th week	Fraction -Addition	
	9th week	Fraction -Subtraction	
	10th week	Multiplication in Vedic Maths: Base Method (any two numbers upto three digits)	
	11th week	Multiplication by Urdhva Tiryak Sutra	
	12th week	Practice of questions based on Multiplication methods	
	13th week	Miracle multiplication: Any three-digit number by series of 1's and 9's	
	14th week	Division by Urdhva Tiryak Sutra (Vinculum method)	
	15th week	Class Test	