


**Curriculum Plan (ODD SEM 2024-25): VAC I Sem**  
**Vedic Mathematics-1**

<b>Teacher'S Profile</b>  <b>Hari Kishan Bhardwaj</b> Department of Mathematics, Kalindi College, University of Delhi, Delhi- 110008 Mobile: +91-9868053327  Email: harikishan@kalindi.du.ac.in			<b>Marks Distribution</b>	<b>Theory</b>	30 Marks
				<b>Internal Assessment</b>	10 Marks
				<b>Continuous Assessment</b>	40 Marks
					Assignments -4 Marks Test - 4 Marks Attendance - 2 Marks
		<b>Classes Assigned</b>	<b>Lectures</b>	1 Per Week	
		<b>Essential/Suggested Reading</b> 1. The Essential of Vedic Mathematics, Rajesh Kumar Thakur, Rupa Publications, New Delhi 2019. 2. Vedic Mathematics Made Easy, Dahaval Bathia, Jaico Publishing, New Delhi 2011 3. Vedic Mathematics: Sixteen Simple Mathematical formulae from the Vedas, Jagadguru Swami Sri Bharati Krishna Trithaji, Motilal Banarasidas, New Delhi 2015. 4. Learn Vedic Speed Mathematics Systematically, ChaitnayaA. Patil 2018.			
	<b>Week</b>	<b>Topics</b>			
	1st Week (1-9 AUG)	Vedic Maths: History of Vedic Maths and its Features			
	2nd Week (11-16 AUG)	Vedic Maths formulae: Sutras and Upsutras			
	3rd Week (18-23 AUG)	Addition in Vedic Maths: Without carrying, Dot Method			
	4th Week (25-30 AUG)	Subtraction in Vedic Maths: Nikhilam Navatashcaramam Dashatah (All from 9 last from 10)			
	5th Week (1-6 SEP)	Fraction -Addition and Subtraction			
	6th Week (8-13 SEP)	Multiplication in Vedic Maths: Base Method (any two numbers upto three digits)			
	7th Week (15- 20 SEP)	Multiplication by Urdhva Tiryak Sutra			
	8th Week (22-27 SEP)	Miracle multiplication: Any three-digit number by series of l's and 9's			
	9th Week (29 SEP-4 OCT)	Division by Urdhva Tiryak Sutra (Vinculum method)			
	10th Week (6-11 OCT)	Squares of any two-digit numbers: Base method, Square of numbers ending in 5: Ekadhikena Purvena Sutra			
	11th Week (13 -18 OCT)	Easy square roots: Dwandwa Yoga (duplex) Sutra, Square root of 2: Baudhayana Shulbasutra			
	12th Week (27 OCT-1 NOV)	Cubing: Yavadunam Sutra			
	13th Week (3-8 NOV)	Factoring Quadratic equation: Anurupyena, Adyamadyenantyamanty, Sutra Concept of Baudhayana (Pythagoras) Theorem			
	14th Week (10-15 NOV)	Circling a square: Baudhayana Shulbasutra, Concept of pi: Baudhayana Shulbasutra			
	15thWeek (17-22 NOV)	Concept angle (8) 0°, 30°, 45°, 60° and 90°: Baudhayana number			
	16th Week (24-26 NOV)	Revision			