Tesla Learning Institute, Anjad

Nurture the Genius Within

Course: Vedic Mathematics	**Course Type:** Power Course	**Course Coordinator:** Er Bhawesh Tiwari
Level: 1/2	**Course Duration:** 30 days	**Student Name:**

Introduction

Vedic Mathematics is a set of sixteen mathematical formulae as discovered by **Jagadguru Swami Sri Bharati Krishna Tirthaji Maharaj**. All of you have heard the name Vedic Mathematics but know little about it. Complex mathematical calculations that are arduous can be solved with ease in a few steps. Vedic Mathematics is so easy that even people with an average knowledge of mathematics can easily understand it. So welcome aboard the **learning with fun** bus where we will change your perception towards mathematics. All the best!

Course fee: ₹1200 (Special Offer ₹600)

Course (Level 1) Curriculum:

Content	Day
Orientation Class (with Magic tricks)	1
Addition	2
Subtraction	3
Multiplication	4-6
Division	7-10
Revision and Practice-1	11-12
Digi-Sum Method	13-15
Square	16-17
Square Roots	18-19
Revision and Practice-2	20-21
Cube	22-23
Cube Roots	24-25
Revision and Practice-3	26-27
Divisibility Test	28
Tips for Competition Exams	29
Course Exam	30
Individual Performance Report	31

Course (Level 2) Introduction:

Vedic Mathematics is not limited to simple calculations. Using Vedic Sutras, we can solve equations with much simpler ease. If you want to delve into more depth of Vedic mathematics which will include topics like **Pythagorean values, algebraic identities, multiplication of five digit numbers, Co-ordinate geometry, zeller's rule and more**.

Course fee: ₹2000 (Special Offer ₹1000)

Vedic Sutras:

Vedic Sutra		Vedic Sub-Sutras	Translation
English	**Hindi**		
Ekadhikena Purvena	एकाधिकेन पूर्वेण	Anurupyena	By one more than the previous one
Nikhilam Navatascaramam Dasatah	निखिलं नवतश्चरमम दशतः	Sisyate Sesasamjnah	All from 9 and the last from 10
Urdhva Tiryagbhyam	उर्ध्वोतिर्यग्भ्याम	Adyamadyenantyamantyena	Vertically and crosswise
Paravartya Yojayet	परावर्तयोजयेत	Kevalaih Saptakam Gunyat	Transpose and adjust
Sunyam Samya Samuccaye	शून्यं साम्य समुच्चये	Vestanam	When the sum is the same that sum is zero
Anurupye Sunyamanyat	अनुरूप्ये शून्यमन्यत	Yavadunam Tavadunam	If one is in ratio, the other is zero
Sankalana-Vyavakalanabhyam	संकलन–व्यवकलनाभ्यां	Yavadunam Tavadunikritya Varga Yojayet	By addition and by subtraction
Puranapuranabhyam	पूरणापूरणाभ्याम	Antyayordashake'pi	By the completion or non-completion
Calanakalanabhyam	चलनकलनाभ्यां	Antyayoreva	Differences and Similarities
Yavadunam	यवादूनम	Samuccayagunitah	Whatever the extent of its deficiency
Vyastisamastih	व्यष्टि समष्टि	Lopanasthapanabhyam	Part and Whole
Sesanyankena Caramena	शेषाणयंकेन चरमेण	Vilokanam	The remainders by the last digit
Sopantya Dvayamantyam	सोपांत्य द्वयामन्तयम	Gunitasamuccayah Samuccayagunitah	The ultimate and twice the penultimate
Ekanyunena Purvena	एकन्यूनेन पूर्वेण	Dhvajanka	By one less than the previous one
Gunita Samuccayah	गुणित समुच्चयः	Dwandwa Yogiji	The product of the sum is equal to the sum of the product
Gunaka Samuccayah	गुणक समुच्चयः	Adyam Antyam Madhyam	The factors of the sum is equal to the sum of the factors

Benefits of Vedic Mathematics:

- Mental Maths becomes fast and accurate.
- In higher classes, more focus and energy can be devoted to concept rather than calculations.
- Confidence in tackling various problem as you get good with Maths.
- Most important you start enjoying learning.