

# **Vedic Mathematics Teachers Course**

## **Lesson 12** **V M S & T**

### **Introductory**

Basis base value of Vedic Mathematics, Vedic Sciences and Vedic Technologies manifest the Discipline designated as Vedic Mathematics, Science & Technology (In short V M S & T). Devanagary Alphabet unfold itself as a compactified alphabet of five folds (letters, numbers) and Sathapatya as content manifesting as full and half unit bodies within Creator's space. Parallel with nine Geometries of 4-space, space content manifests within 4-space as of features and values of content of 1-space to 9-space framed within 4-space as domain folds of Hypercubes/hypercubes 1 to 9 making formats of 1-space V M S & T to 9-space V M S & T. The transition from Creator's 4-space to transcendental 5-space results into transition from formats of 9 Geometries of 4-space to 11 geometries of 5-space within 4-space. It is this transition feature which is of focused attention of V M S & T system being approached as formats of 0 signature geometry to 10 signature geometry of 5-space in 4-space. The 0 signature to 10 signature formats are organised as of two folds, first of (0,1,2,7,9 and 10 signatures) and second of (3,4,5,6 and 8 signatures). The formulation of first fold signatures (0,1,2,7,9,10) namely 'शून्य, एक, द्वै, सप्त, नव, दस' formulation as such are part of the text of Vedic Ganita Sutras and Upsutras. The second fold signatures (3,4,5,6 and 8) numbers formulations don't form part of text of Vedic Ganita Sutras and Upsutras. The second fold signatures geometries namely 3,4,5,6 and 8 signature's geometries of 5-space in 4-space make unmanifests format of Vedic Mathematics of Ganita Sutras. It as such becomes the format of Discipline of V M S & T.

## **Transcendental Features of Format of V M S & T**

First fold signature (0,1,2,7,9,10) sum-up as value 29 parallel with TCV (ब्रह्मा)=29 . The second fold signature (3,4,5,6 and 8) sum-up value 26 parallel with TCV (देवता). Value quadrupel (3,4,5,6) is parallel with four folds (3,4,5,6) of Hypercube 5. The value 'eight (8)' is parallel with Sathapatya '8'/8-space as origin fold vis-à-vis transcendental '5-space' dimensional order (5,6,7,8) are parallel with four folds (5,6,7,8) of Hypercube 7. These organisation feature of second fold signature (3,4,5,6,8) make format of V M S & T being of transcendental features.

## **Transcendental foundation of Vedic Mathematics of Ganita Sutras**

Vedic Ganita Sutras and Upsutras are 16+13=29 hymns. The value 29 is parallel with TCV (ब्रह्मा)=29.

9 x11 grid accommodates all double digit numbers of 10 place value system. The upper part of 9 x11 grid is a composition of 29 reflection pairs (01, 10), (02, 20)..... (45, 54) .

The first fold signatures (0,1,2,7,9,10) are of summation value 29=TCV (ब्रह्मा) and second fold signature (3,4,5,6 and 8) are of summation value 26 = TCV (देवता), which makes Transcendental foundation of Vedic Mathematics of Ganita Sutras.

For to be parallel with Vedic Mathematics, Vedic Sciences and Vedic Technologies, one is to be parallel with the Transcendental foundation of Vedic Mathematics of Ganita Sutras. And, one is to have a smooth transition from Creator's 4-space of spatial/2-space order to transcendental (5-space) domain of solid/3-space order. It is to be learnt and is to be imbibed as a system. For it as an institutionalised approach V M S & T is to be made a main stream Discipline of instructions/teaching and learning.

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