Sri – Om
VEDIC MATHEMATICS AWARENESS YEAR

'Credit goes to Swami Bharti Krshna Tirtha Ji Maharaj to focus the attention of present generation about the values of Ganita Sutras (mental Mathematics Sutras)'

All are invited to join Awareness program

All are warmly invited to join the awareness program of Vedic Mathematics. All teachers, parents and students are invited to Learn and Teach Vedic Mathematics for proper intelligence growth at School.

Dr. S. K. Kapoor
Sh. Rakesh Bhatia
Sh. Bhim Sein Khanna
Sh. Deepak Girdhar
            - Organizers

ISSUE NO 62

Vedic mathematics, Science & Technology
UNIVERSITY CONCEPT

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I
OPENING STATEMENT

[(Source Theme)   To chase parallel to jyoti flow within rays of the Sun]

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II
EMERGENCE AND DISSOLUTION OF TRILOKI (3, 4, 5, 6)

(Source Theme)   **Triloki is of transcendental (5-space) state within Jyoti**

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III
Existence within Human Frame

(Source Theme)   **Pursha, Sun, Atman, Vishnu are of parallel formats**

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1. Vedic Systems approach Existence within Human Frame along the format of 6-space manifesting as hyper cube 6 domain.
2. This approach is parallel to the approach of 'Pursha, Sun, Atman, Vishnu' as of parallel formats.
3. The Shad Chakras format of Human Frame is parallel to the format of Sathapatya measuring rod as a synthetic set up of hyper cubes 1 to 6.

4. Vedic Systems further work out the transcendental (5-space) transformation format of Human Frame as transition and transformation from Shad Chakras (six circuits) format to Das Chakras (ten circuits) format parallel to ten creative components boundary of transcendental (5-space) domain.

5. Transcendental (5-space) domains are of solid dimensional order and Vedic Systems approach to it as 'Jyotirmadey Triloki Manoramam' 'solid order flourishes within Jyoti / Sunlight basis.

6. These values and virtues of Human Frame lively chased by Vedic Systems and lively within Vedas and Vedic literature reaching us but remaining dormant, as such, would be one of the concern of the Vedic mathematics, Science & Technology University.

21-12-2014   Dr. S. K. Kapoor, *(Ved Ratan)*

VMS & T Project

School Text Books

(Class IX, X, XI & XII)

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VMS & T Text Book Class XI
(5-space)

Part – 2   **Ganita Sutras and Transcendental (5-space) domain**

Chapter-13   Along the format of Ganita Sutra 11

I. **TEXT**

Sanskrit   व्यष्टिसमष्टिः ।

Roman script   *Vyastisamastih*

Simple English rendering   Specific and General

II. **Technical Terms**

(व्यष्टि) / (*Vyasti*)

(समष्टि) / (*samastih*)

III. **Letter wise chase of the Text**

1	2	3	4	5	6	7	8	9	10
व्	य्	अ	ष्	ट्	इ	स्	अ	म्	अ
11	12	13	14						
ष्	ट्	इ	:						

IV. **TRANSCENDENTAL (5-SPACE) CODE VALUES TABLE**

Sn.	1	2	3	4	5	6			
Letter	व्	य्	अ	ष्	ट्	इ			
TCV	7	1	1	6	3	2			
Sn.	7	8	9	10	11	12	13	14	
Letter	स्	अ	म्	अ	ष्	ट्	इ	:	
TCV	3	1	9	1	6	3	2	13	

V. TCV (व्यष्टि) = 20

i. Artifice 20 accept re-organization as $20 = 9 + 7 + 3 + 1$.

ii. Parallel quadruple artifices (9, 7, 3, 1) organized as paired pairs (9, 7) and (3, 1) leads to existence format for '5' at the middle.

       iii.   This is parallel to the format of transcendental (5-space) values flow from the middle

VI.   TCV (समष्टि) = 25

    i.   Artifice 25 accept re-organization as 25 = 5 x 5.

    ii.   Here it would be relevant to note that artifices pair (20, 25) permit re-organization as (4 x 5), (5 x 5).

    iii.   One may have a pause here and take note that the organization of nine numerals range (1, 2, 3, 4, 5, 6, 7, 8, 9) accept re-organization of three folds (1, 2), (3, 4, 5, 6, 7), and (8, 9).

    iv.   The middle fold (3, 4, 5, 6, 7) is of the summation value (25), while the summation value of end folds (1, 2) and (8, 9) together is (1+2+8+9) = 20.
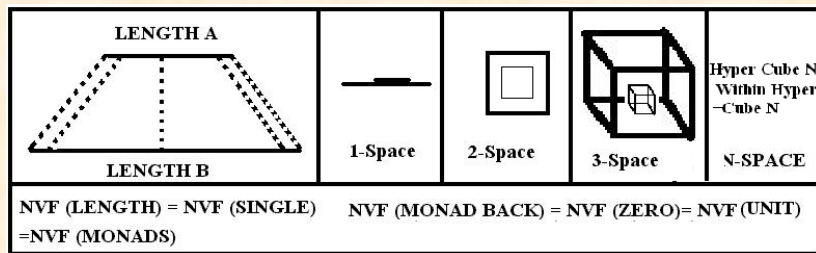
VII.   TCV (व्यष्टिः) = 33

    i.   Artifice 33 is parallel to the format of synthesis of a three dimensional frame as a pair of three dimensional frames of half dimensions.

    ii.   This as such focus upon the feature of a solid order (3-space in the role of dimension) as a synthetic set up of a pair of three dimensional frame of half dimension.

    iii.   One may further have a pause here and take note that (3, 3) = 5 / synthetic value of pair of solid dimensions is of the value of transcendental (5-space) domain.

VIII. TCV (समष्टिः) = 38

    i.   Artifice 38 is of organization format and features parallel to 8 sub cubes synthesizing as a cube.

    ii.   This format 38 = 14 + 13 + 11 is parallel to the age of third element 'fire' along the 11 geometries range of 5-space.

    iii.   One may have a pause here and take note that the
        a. NVF (Fire) = 38
        b. NVF (Age) = 13
        c. NVF (Half)=27
        d. NVF (Dead) = 14

IX.   **SIMPLE ENGLISH RENDERING OF THE WORKING RULE OF THE SUTRA: PART AS REPLICA OF WHOLE**

    I.   LINE, small or large is of the same format

    II.   Surface of small or big area is of the same format

    III.   Solid of small or big volumme as well is of the same format.

1. Cube within cube is an ad-infinitum Phenomenon.
2. Each cube big or small, is of identical set up.
3. It is this set up of the cube, which deserves to be comprehended well and to be appreciated fully for its through imbibing and proper insight.
4. It is in terms of this comprehension, appreciation, imbibing and insight that the Existence Phenomenon can be understood.
5. The geometric envelope of cube which consists of eight corner points, twelve edges and six surfaces, all are nothing but of zero volumme.
6. It is this feature of the geometric envelope which deserves to be comprehended well for its appreciation and imbibing for deep insight.
7. The geometric envelope of interval, square, cube and hyper cubes, that way become the independent infinity units.

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21-12-2014   Dr. S. K. Kapoor, *(Ved Ratan)*

Queries about Vedic Mathematics

1. *Following three queries have been received.*

   Please inform the following:

   --What Exactly is 'Sathapatya measuring rod'?

   --What is the basic/basis of Vedic Mathematics. I want to learn Vedic Mathematics from Scratch.

   -- Please Guide me from where I have to take reference of learning Vedic Mathematics

2. *About query-1*

   Vedas are of pure values format. Upvedas are of applied values format. Sathapatya upved covers Mathematics, Sciences and technologies formats. Mansara is one of the scripture of Sathapatya upved. It specifically elaborates about 'measuring rod'. This elaboration makes the measuring rod as Sathapatya measuring rod. Two distinctive features being focused are (i) Measuring rod (ii) Measure of the measuring rod. In the context of our approach to solids in terms of a three dimensional frame of three linear axes, the length is the measure, and the rod / scale with which length is measured is the measuring rod. Conceptually, it is the dimension (axis) which leads to measure and the domain (volumme) leads to measuring rod. Vedic Systems are not restricted uptill 3-space. The systems in terms of Sathapatya measuring rod work out 3-space which accepts a dimensional frame with its each of the six dimensions to be of format and values of 4-space. As such Sathapatya measuring rod is meant for the scaling of 6-space.

3. *About queries no 2 & 3*

   Those who are not exposed to Vedic Mathematics, they conceive it simply as a systems of operations of our present day systems / operations of arithmetic, algebra. Vedic Mathematics is not restricted uptill our well known arithmetic operation (addition, multiplication, subtraction, division, square and square roots, cube and cube roots, decimal representation etc.). However these operations as well are handled with great precision and ease by Vedic Mathematics. The way these operations are handled by Vedic Mathematics are attractive many.

   Credit goes to Swami Bharti Krishna Tirthaji Maharaj to attract the attention of modern day about such potentialities of Vedic mathematics. Swamiji's book (Vedic Mathematics) published by Motilal Banarasidass, as such is the first book covering these aspect.

   Books by **KENNETH RAYMOND WILLIAMS** *have explored further about the applied values of Ganita Sutras in different prevalent Discipline of Mathematics. Interested persons may refer to issue no 2 of E-newsletter which is available on (www.vedicganita.org)*

   One may refer to these books.
   For an idea of the wider coverage domains of Vedic Mathematics, one may refer to my book 'learn and teach Vedic mathematics published by lotus press, Delhi. A few free courses are available online (www.vedicganita.org). One can further explore more information from the search engine like Google.   *

News and Views

The Vedic Maths Forum India Blog

The Indiafrica Young Visionaries Fellowship 2014

Posted: 15 Dec 2014 09:06 AM PST

Gaurav Tekriwal being awarded the Indiafrica Fellowship 2014 by Shri
V.K.Singh,Minister of State of External Affairs

INDIAFRICA: A Shared Future is a unique people to people initiative that aims at engaging multiple stakeholders in India and Africa through contests, fellowships, discussions, events, collaborative projects and cultural exchanges.The Young Visionaries Fellowship seeks to encourage cross-fertilization of ideas and a better understanding of the challenges and opportunities of doing business in the two geographies.

As Young Visionaries,the winners receive recognition in India and Africa and get to interact with peers and industry leaders and participate in this Boot Camp to try and find ways of scaling up their enterprises and exploring avenues for partnership.

"It was absolutely a pleasure to be selected for the Young Visionaries Fellowship this year and meeting so many like minded individuals from different walks of life but with a common aim to bring about a positive change in India and Africa."

The Indiafrica Young Visionaries Fellowship Winners with Shri V.K.Singh

The Vedic Math Forum India Worlds Fastest Mental Math System http://www.vedicmathsindia.org

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The management and Directors of

RAMANUJAN MUSEUM & MATH EDUCATION CENTRE

Avvai Academy,

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128th Birthday Celebration of Srinivasa Ramanujan

22	12	20	14
06	28	01	33
10	23	16	19
30	05	31	02

Date & Day   : 22nd December 2014, Monday

Time   : 5.00 p.m.

Venue   : Avvai Academy Auditorium

Chief Guest   : **Dr. Sita Sundar Ram**
Senior fellow in the Kuppuswami Sastri Research Intitute

All are cordially invited

A.T.B. Bose
Secretary

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