

Sri – Om
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Swami Bharati Krshna Tirtha Ji Maharaj
(1884-1960)

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

*Vedic Mathematics
and Modern Mathematics*

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**Transpose back from Ganita Sutra 4 to reach,
apply and unite with Ganita Sutra 1**

1. The Ganita Sutras organization is of compactified formats. This compactification of cyclic order. This cyclic order is of phases and stages of forward and backward progressions.
2. Forward progression is like of the reach from Ganita Sutra 1 to Ganita Sutra 2, from Ganita Sutra 2 to Ganita Sutra 3 and so on
3. The backward progression is like a reach back from Ganita Sutra 2 to Ganita Sutra 1 as a single step backward progression.
4. A reach from Ganita Sutra 3 to Ganita Sutra 2 as well is a single step back progression but with a reach uptill Ganita Sutra 1 it would be of two steps long backward progression
5. The reach from Ganita Sutra 1 to Ganita Upsutra 1 as well would be a two fold progression of forward and backward features.
6. A reach from Ganita Sutra 1 to Ganita upsutra 1 and ahead, reach to Ganita Sutra 2 and back to Ganita Sutra 1 shall be making a cyclic order reach.
7. Like that there are compactification of cyclic orders within cyclic orders of inner folds like concentric cycles.
8. The reach from Ganita Sutra 4 ‘transpose and apply’ to Ganita Sutra 1 ‘one more than before’, amongst others leads to one prominent feature

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which as such shall be leading us to a transition from linear progression '1, 2, 3, 4, 5, ---' to another linear progression '2⁰, 2¹, 2², 2³, 2⁴, 2⁵, --.

9. One may have a pause here and take note that the focus of above transition of above pair of linear progressions is from 'base' to 'index'.
10. Further it as such, in the context of geometric format of 1-space for the artifice value 1, there would be a shift from domain / length part of interval to boundary (end points of interval).
11. One may further have a pause here and take note that TCV (Paravartaya) = 27 = TCV (घनः) and NVF (Half) = 27 = NVF (Base), will help us comprehend and appreciate and still further as that TCV (विधिसार) = 27 will help us comprehend and appreciate as to how 'चलनाकलना' is to be as per the half unit domain.
12. The sequential progression of half unit domain, as such shall be taking us to '1/2, 1/4, ----' and that being so the rule of reaching half of half (एक आध) will help us reach at the four fold format for setups of domains.
13. In the context $2 = (-1 + 0 + 1 + 2)$ and parallel to it quadruple artifices set up (-1, 0, 1, 2) parallel to four fold manifestation layer (-1, 0, 1, 2) of hyper cube 1 shall be leading to the linear progression rule of Ganita Sutra 1 manifesting linear progression sequence as of (hyper cube 1, hyper cube 2, hyper cube 3, -).
14. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and be face to face with these features of the organization format of Ganita Sutras.
15. One may further have a pause here and permit the transcending mind to glimpse and be face to face with VMS & T value formulation 'विधिसार' with TCV (विधिसार) = 27 and TCV (विधिसारः) = 40 accepting re-organization as $40 = 10 + 10 + 10 + 10$ and $10 = 1 + 2 + 3 + 4$ leading to quadruple artifices (1, 2, 3, 4) parallel to four fold manifestation layer (1, 2, 3, 4) of hyper cube 3 and the set up of 4 such manifestation layers together shall be parallel to a four dimensional frame of four solid dimensions.
16. These values deserve to be chased and to be assimilated to be parallel to the pure and applied values of Vedic Systems.

To be continued....

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Dr. S. K. Kapoor, (Ved Ratan)

**Formation of a Vedic mathematics, Science & Technology
University to institutionalize research & Teaching**

Dr S. K. Kapoor (India)

Vedas are the Source Reservoir of Knowledge. Rigved Samhita is the oldest book of Mankind. It is preserved from its first syllable to its last 432000th syllable. The organization of this Samhita is on the format parallel to format of sustenance of Existence Phenomenon of our Solar Universe by Jyoti Flow through Rays of the Sun. This feature makes Vedas being written on Rays of the Sun and Rigved Samhita becomes the Constitution of the Universe.

The organization features of *Rigved Samhita* as 10 *Mandals*, 8 *Austaks*, 64 *Adheyays*, 85 *Anuwaks*, 1028 *Suktas*, 2024 *Vargas*, 10552 *Richas* and 432000 Syllables and 10 lac letters is along the format of hyper cube 6 and is parallel to the order of *Surya*, *Atman*, *Pursha* and *Vishnu lok*. Because of which whole range of knowledge stands unified as single Discipline of knowledge accepting single Alphabet.

Present day division of knowledge as small ranges Disciplines of Mathematics, Physics, Chemistry, Biology, Zoology and all that makes even the conceptual comprehension to have approach to whole range of knowledge as single wholesome Discipline beyond conceivable reach. And this being so Vedic knowledge systems need be approached Vedicway and for this reason, Vedic mathematics, Science & Technology University is being conceived.

Vedic mathematics, Science & Technology is the Discipline distinct than the Disciplines of

Vedic mathematics, Vedic Science & Vedic Technologies. The knowledge values of VMS & T transcend through the individual values of Mathematics, Sciences and Technologies. And at the same time these remain the values essence of Mathematics, Sciences and Technologies as a common values source reservoir. Because of Vedic Systems having been dormant for some centuries, the knowledge values source reservoir of ancient wisdom with Vedas at core have not been effectively availed. The institutionalized need of research and teaching requires formation of Vedic mathematics, Science & Technology University.

The integrated approach to the Existence Phenomenon of our solar universe is needed to be institutionalized. There is a need of institutionalized research and teaching of unison formats of transcendental (5-space) carriers of Sunlight carrying the *Jyoti* from core of Sun and sustaining the manifestation format of our Existence Phenomenon within Human Frame as consciousness bits being carried by transcendental (5-space) carriers of soul.

Least we know is about ourselves. Existing education systems are simply feeling shy of entering this domain of our ignorance about ourselves. Intelligence field, the way it surfaces and acquires sequential progressions within our consciousness states are simply not part of our academic curriculum. The compactified states of manifestation formats of human body as 'Mundane, Subtle and Casual' are remaining out of comprehension considerations. A reach beyond the causal state of body is just unvisualizable for existing systems.

These aspects make a space for conceiving and realizing the necessity of Vedic mathematics,

Science & Technology University. The formation of VMS & T University has been my absorption for last a few years. I am convinced that it would be valuable for Mankind. The necessary basics are there in one form or the other. The Ancient Wisdom Reservoir as well is blissfully intact and lively but in different Frames. I am doing my efforts. These are just individualistic steps. The formation of Vedic mathematics, Science & Technology University is the Assignment and Responsibility, which deserve to be Institutionalized. Let each one of us pool our knowledge, experience and wisdom for this Noble Cause.

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Dr. S. K. Kapoor, *(Ved Ratan)*