

Sri – Om VEDIC MATHEMATICS AWARENESS YEAR

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For previous issues and further more information visit at www.vedicganita.org

'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
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Sh. Deepak Girdhar
- Organizers

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श्री ॐ Sri-Om

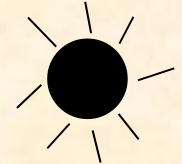
VEDAS ARE WRITTEN ON RAYS OF SUN
Let us learn to read it

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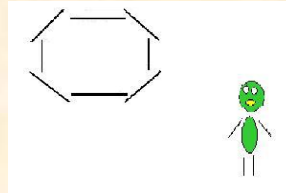
Shakala Rigved Samhita
FIRST RICHA

“अग्निमीले पुरोहितं यज्ञस्य देवमृत्विजम् ।
होतारं रत्नधातमम् ॥ ‘ऋ१-१-१’”

Organization foundation format
INITIATION STEPS



Aah! The
Universe is 5-
Space



Initiation step - 1

1. Melt Mental State of Four fold Manifestation
2. Coordination Of Center Of Earth With Center Of Sun

INITIATION STEP – 3

Sathapatya Upved

स्थापत्य उपवेद

1. Vedic Systems distinctively approach ‘knowledge’ and ‘organization of knowledge’.
2. ‘Knowledge’ is approached as of three folds parallel to first three Vedas namely ‘Rigved, Yajurved and Samved’.
3. ‘Organization of knowledge’ is approached parallel to the values of fourth Ved, Atharavved.
4. Sathapatya upved is the upved of Atharaved.
5. TCV (स्थापत्य) = 22 is parallel to quadruple artifices organization (4, 5, 6, 7) which further is parallel to four fold manifestation layer (4, 5, 6, 7) of hyper cube 6.
6. With it, the format of hyper cube 6 becomes the format of ‘Vedic Mathematics, Science & Technology’.
7. This as such makes format of Vedic mathematics, Science & Technology as of self referral (6-space) domain features
8. Accordingly the Discipline of Vedic mathematics, Science & Technology becomes the Discipline of solar universe (Sun) / 6-space with Pole Star / 7-space as its origin as the 7-space is of transcendental (5-space) dimensional order, same manifest as transcendental (5-space) boundary of hyper cube 6, which that way fixes the sky line of the solar universe
9. Let us have a pause here and be face to face with the creative dimensional order (4-space in the role of dimension), transcendental (5-space) boundary, self referral (6-space) domain and unity state (7-space) origin set up of the format and features of hyper cube 6.
10. Creative boundary (4-space in the role boundary, as 4-space content lump manifests as 4-space domain of hyper cube format and features.
11. Transcendental (5-space) boundary (5-space in the role of boundary) as 5-space content lump manifest as domain fold of hyper cube 5
12. Self referral (6-space in the role of domain) domain as 6-space content lump manifest domain fold of hyper cube 6.

13. Unity state origin (7-space) in the role of origin as 7-space content lump (black matter) manifest as domain fold of hyper cube 7.
14. These features shall be taking us to domain folds of quadruple hyper cubes (hyper cube 4, hyper cube 5, hyper cube 6, hyper cube 7). Accordingly the Discipline of Vedic mathematics, Science & Technology becomes the Discipline of quadruple domain folds / space contents of quadruple spaces (4-space, 5-space, 6-space, 7-space).
15. The quadruple space content (7-space content, 6-space content, 5-space content, 4-space content) are of features and values of (Black matter, Sunlight, transcendental (5-space) domain and creative domain).
16. One way to approach this set up of our solar universe would be in terms of quadruple dimensional frames:
- (i) 4-space dimensional frame of four spatial dimensional.
 - (ii) 5-space dimensional frame of five spatial dimensional.
 - (iii) 6-space dimensional frame of six creative dimensional.
 - (iv) 7-space dimensional frame of seven transcendental dimensions
17. The linear equivalence for the above quadruple dimensional frames comes to be of the values
- (i) Spatial dimensional frame of four dimensions being of value $2 \times 4 = 8$
 - (ii) Solid dimensional frame of five dimensions being of value $3 \times 5 = 15$
 - (iii) Creative dimensional frame of six dimensions being of value $2 \times 4 \times 6 = 48$
 - (iv) Transcendental dimensional frame of seven dimensions being of value $3 \times 5 \times 7 = 105$
18. This linear equivalence values set up of four consecutive dimensional frames (8, 15, 48, 105) deserve to be comprehend well and to be appreciated fully for their complete imbibing to have through insight for chase of systems of Vedic mathematics, Science & Technology.

To be continued...

*Basic features of Vedic
Mathematical Systems*

- I. एकग्र *Ekagarh (one ahead)*
- II. *Bridging of Gaps*

III

Mathematical entity values of text of Ganita Sutras and Upsutras

1. Text of Ganita Sutras (and Upsutras) is uniquely organized. One of the basic feature of organization of the text is that it avails self unfolding format.
2. It in a way is of nature of 'self referral (6-space) features', as much as that it is self sustained and of nature of unfolding from within and as such is of recycling nature.
3. This as such is availing the format of self referral (6-space) domain.
4. It in its pre-cyclic nature avails artifice 6 of the whole range (06, 16, 26, 36, 46, 56, 66, 76, 86, 96).
5. The text begins with sixth vowel (ऋ) and unfolding process begins with artifice 6 and 7.
6. 6-space as origin (of transcendental (5-space) domain), makes unfolding range of value $5 + 6 + 5 = 16$.
7. Ganita Sutra 1 text is of 16 letters and the whole text of Ganita Sutras is of range of Ganita Sutra 1 to Ganita Sutra 16
8. Knowledge and organization of knowledge are distinct features but same unfold and integrate simultaneously being of parallel steps therefore the conceptual terms and their values formats being availed in the text of Ganita Sutras (and Upsutras), have their specific values based message for exhaustive coverage and self sustaining features of its systems.
9. As such it would be of valuable dividends that one shall classifies and tabulates conceptual terms of the text of Ganita Sutras and Upsutras.
10. One initial attempt can be on the following lines. However such initial attempt be fine tuned with revisits to the text, as much as that every letter of the text and its sequential placement of each letter of the text which is of 519 steps long range, deserve to be chased for its every step.

11. Number values

- i) (एक) / 'Ganita Sutra 1'
- ii) (नव) / (nins) Ganita Sutra 2
- iii) (दश) / (ten) Ganita Sutras 2.
- iv) (शून्य) / (zero) Ganita Sutra 4.
- v) (द्वैत) / (two) Ganita Sutra 13
- vi) (सप्तम) / (seven) Ganita Upsutra 4
- vii) (अंक) / (number) Ganita sutra 12

12. Geometric values

- (i) (वर्ग) / (square) / Ganita Upsutra 7

13. Directions

- (i) (पूर्व) / (east) / Ganita Sutra 1
- (ii) (उर्ध्व) / (upwards) / Ganita Sutra 3

(iii) (तिर्यक) / (diagonal wise) / Ganita Sutra 3

14. Values comparisons

- (i) (अधिक) / more than Ganita Sutra 1
- (ii) (न्यून) / (less than) Ganita Sutra 14
- (iii) (सम) / (being equal) Ganita Sutra 5
- (iv) (साम्स) / (parallel) Ganita Sutra 5.
- (v) (यावद्गुणम्) / (deficient) Ganita Sutra 10.
- (vi) (सोपान) / (domain) Ganita Sutra 13.
- (vii) (आदि) / (beginning) Ganita upsutra 3.
- (viii) (अन्त) / (end) Ganita upsutra 3.

15. Poser

- (i) (केन) / than what (Ganita Sutra 1)
- (ii) (च) / and (Ganita upsutra 7)

16. Features states

- (i) निखिलं / all Ganita Sutra 2
- (ii) अनुरूप्ये / form and frame Ganita Sutra 6
- (iii) पूर्णम् / complete / full Ganita Sutra 8
- (iv) अपूर्णम् / incomplete Ganita Sutra 8
- (v) व्यष्टि / part Ganita Sutra 11
- (vi) समष्टिः / whole Ganita Sutra 11
- (vii) शेष / reminder Ganita upsutra 2
- (viii) चरमम् / last Ganita upsutra 2

17. Operations

- (i) परावर्त्य / transpose Ganita sutra 4
- (ii) योज्येत / unite / add Ganita sutra 4
- (iii) अन्यत् / to bring in / Ganita sutra 6
- (iv) संकलन / addition / Ganita sutra 7
- (v) व्यवकलन / minus / Ganita sutra 7
- (vi) गुणित / to strip off features / Ganita sutra 15
- (vii) गुणक / to compile features / Ganita sutra 16
- (viii) उच्चय / to lift upward / Ganita sutra 5
- (ix) चय / to select / Ganita sutra 5
- (x) चलना / to be in dynamic state / Ganita sutra 9
- (xi) कलना / to be in static state / Ganita sutra 9
- (xii) गुण्यात् / multiplication / Ganita upsutra 4
- (xiii) वेष्टनम् / oscillators / Ganita upsutra 5
- (xiv) विलोकनम् / by observation / Ganita sutra 11
- (xv) लोपना / going unmanifest / out of observation / ganita Upsutra 12
- (xvi) स्थापना / to establish / manifesting and coming within observation
Ganita upsutra 12

News & Information

Main site VedicMaths.Org
[Conferences home page](#)

Online Vedic Mathematics Conference

14th - 15th March 2015

In celebration of the 50th anniversary of the publication of the seminal work "Vedic Mathematics" by Shankaracarya Sri Bharati Krishna Tirtha, published in 1965, events are being organised around the world.

We are delighted to invite you to this online conference which will be for 3 hours on each of the two days.

Conference Objectives:

The aims of this Vedic Maths conference are to:

1. broaden the awareness of VM
2. introduce and illustrate the speed, fun and flexibility of VM
3. share discoveries and benefits
4. bring people together with similar interests
5. discuss future pathways for VM

Who should attend?

Anyone who has an interest in maths or maths education. That is teachers, parents, researchers, students etc.

DAY 1, 14th March, 2015 8:30 pm – 11:30 pm IST (Indian Standard Time) [7 am PST, 3 pm GMT]

Events:

- 1) **Introductory workshop** by foremost VM expert James Glover, followed by a Q&A session through the 'Chat' facility. Not to be missed!
- 2) **Global VM practices:** A series of short presentations from VM practitioners around the world telling us what they are doing, their success stories, plans, challenges etc.
- 3) **Special Project Workshops:** These are accounts of special projects that are underway in various parts of the world. Each will have a brief Q&A session. The 'Chat' facility will give all participants the opportunity to ask questions about these projects.

Featured speakers:

Dr S. K. Kapoor, India
Prof. Frank Marzano, USA
Dr Rajiv Babajee, Mauritius

Dr Arvind Prasad, Australia

Vera Stevens, Australia

James Glover, UK

Kenneth Williams, UK

Andrew Nicholas, U.K.

Lokesh Tayal, Singapore

Kevin Carmody, U.S.A.

Usha Tipparaju, India

Also speakers from New Zealand, Italy, Ghana, Nigeria, Switzerland, Eireland, Malaysia etc.

. . . to be updated

DAY 2, 15th March, 2015 timings as above: 8:30 pm – 11:30 pm IST (Indian Standard Time)

1) **VM research:** Presentations outlining research areas that will be presented in person and in more detail at the later [conference in Bangkok](#). Each will have a brief Q&A session.

2) **Panel discussions:** A series of discussions on moving forward with Vedic Mathematics: global, educational, research etc.

These discussions will be based around questions submitted by the conference participants, such as:

- a) How can the conceptual gap between Vedic Mathematics and contemporary mathematics be bridged?
- b) In what ways can Vedic Mathematics be disseminated?
- c) How can the teaching of Vedic Mathematics be enhanced (e.g. training of good VM teachers and production of good textbooks)?

The 'Chat' facility will give all participants the opportunity to join the discussions.

Featured panelists:

James Glover

Kenneth Williams

Dr S. K. Kapoor

Prof Frank Marzano

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[TO REGISTER PLEASE CLICK HERE](#)

If you would like to make a short presentation on Day 1, or if you have any question(s) you would like to see addressed on Day 2, please email us at academy@vedicmaths.org with the details.

More details of the content and structure of the course will be posted later.

Recordings of the event will be available to anyone who has registered for the conference.

Organising Committee:

KENNETH WILLIAMS



Has been studying, researching and teaching Vedic Mathematics since 1971, founded the Vedic Mathematics Academy in 1998, published several articles, written several books, created DVDs, been invited to many countries to give seminars and courses. Gives online courses, including teacher training. Research includes developing Tirthaji's material, left-to-right calculating, Astronomy, applications of Triples, extension of Tirthaji's 'Crowning Gem', Calculus.

JAMES GLOVER



James Glover has 35 years experience of teaching Vedic Maths in schools together with original research and development on its use in education. He has run many public courses, seminars and workshops in Vedic Mathematics and has held international courses for teacher training. He has authored five books: Vedic Mathematics for Schools 1, 2 and 3 and The Curious Hats of Magical Maths 1 and 2. He has written several papers on Vedic Mathematics together with published articles in the Indian press. James teaches mathematics in London and is a Fellow of the Institute of Mathematics and its Applications.

ARVIND PRASAD



Education: Ph.D. in Materials Engineering, University of Alberta, Canada
Advanced Diploma in Vedic Maths from the Vedic Maths Academy
Current Employment: Research Fellow at the University of Queensland, Brisbane, Australia
Community Contributions: Organizing committee/Editor: Aluminium Casthouse technology conference, 2011
Organizing committee/Co-Editor: Aluminium Casthouse technology conference, 2009
Organizing committee: Inaugural autonomous Vedic Maths conference, 2015
Conducts regular workshops and classes on Vedic Maths at the local libraries

...Organizers