

**Sri – Om**  
**VEDIC MATHEMATICS AWARENESS YEAR**

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*'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.*

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- Organizers

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*Vedic mathematics, Science &  
Technology*  
**UNIVERSITY CONCEPT**

**XII 21 Branches of Rigved Samhita**  
[(Source Theme) Organization format of  
Sakala Rigved Samhita

**XVIII**  
*Vedic Alphabet*  
[(Source Theme) Transcendental (5-space) format  
and manifested (4-space) format  
are the pair of formats of Vedic  
alphabet

1. Vedas are written on rays of the Sun availing transcendental (5-space) format for its alphabet.
2. Vedic texts are composed in manifested 4-space format Devnagri alphabet.
3. To reach at the Devnagri alphabet format we have to chase the text of Sakala Rigved Samhita, the oldest source book.
4. To reach at the transcendental (5-space) format we have to chase the knowledge of Sakala Rigved Samhita.
5. Manifested format of alphabet avails hyper cube 4 format.
6. Transcendental (5-space) format of alphabet avails hyper cube 5 format.
7. 9 geometries range of 4-space and parallel 9 versions range of hyper cube 5 provides format for 9 vowels.

8. The transcendence format step (1, 3, 5) / linear dimension, solid dimension, transcendental (5-space) dimension with summation value  $(1 + 3 + 5) = 9$  lead to transcendental (5-space) format for 9 vowels.
9. The organization of 9 geometries of 4-space / 9 versions of hyper cube 4 is of format and features  $(-4, -3, -2, -1, 0, 1, 2, 3, 4)$  signatures geometries range.
10. This organization is parallel to the split of 8 components boundary of hyper cube 4 into a pair of parts of 4 components each.
11. This as such provides manifested format values for  $(5 \times 5)$  varga consonants
- |            |            |            |           |           |
|------------|------------|------------|-----------|-----------|
| $(-4, 4),$ | $(-4, 3),$ | $(-4, 2),$ | $(-4, 1)$ | $(-4, 0)$ |
| $(-3, 4),$ | $(-3, 3),$ | $(-3, 2),$ | $(-3, 1)$ | $(-3, 0)$ |
| $(-2, 4),$ | $(-2, 3),$ | $(-2, 2),$ | $(-2, 1)$ | $(-2, 0)$ |
| $(-1, 4),$ | $(-1, 3),$ | $(-1, 2),$ | $(-1, 1)$ | $(-1, 0)$ |
| $(-0, 4),$ | $(-0, 3),$ | $(-0, 2),$ | $(-0, 1)$ | $(-0, 0)$ |
12. The transcendental (5-space) format along the boundary of hyper cube 5 with its split into a pair of parts of 5 components each, shall be leading to the transcendental (5-space) formats for  $5 \times 5$  varga consonants as under
- |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|
| $(-5, 5)$ | $(-5, 4)$ | $(-5, 3)$ | $(-5, 2)$ | $(-5, 1)$ |
| $(-4, 5)$ | $(-4, 4)$ | $(-4, 3)$ | $(-4, 2)$ | $(-4, 1)$ |
| $(-3, 5)$ | $(-3, 4)$ | $(-3, 3)$ | $(-3, 2)$ | $(-3, 1)$ |
| $(-2, 5)$ | $(-2, 4)$ | $(-2, 3)$ | $(-2, 2)$ | $(-2, 1)$ |
| $(-1, 5)$ | $(-1, 4)$ | $(-1, 3)$ | $(-1, 2)$ | $(-1, 1)$ |
13. The  $5 \times 5$  grid zone shall be leading to  $4 \times 4$  grid zones coordinating centers of  $5 \times 5$  grid zones.
14. This format of  $4 \times 4$  grid formats, as such shall be leading to transcendence at centers / origins of the grid formats.
15. The manifested format values of hyper cube 4 with transcendental (5-space) origin, as such shall be leading to solid order inflow and super imposition of this spatial order set up of hyper cube 4 / 4-space.
16. A step ahead the transcendental (5-space) format values of hyper cube 5 with self referral (6-space) origin shall be leading to hyper order inflow and super imposition upon the solid order of hyper cube 5 / 5-space.
17. These transcendence values from / origin of grid zones, as such shall be settling the values of remaining 16 letters i.e. 4 antstha, 4 ushmanas and 8 yamas letters.
18. The transcendental (5-space) format, as such shall be leading to transcendental (5-space) code values for Devnagri alphabet as under

Devnagri alphabet format									
Transcendental code values format									
<b>Vowels</b>									
Letter	अ	इ	उ	ऋ	ॠ	ए	ओ	ऐ	औ
TCV values	1	2	3	4	5	6	7	8	9

**Consonants****5 x 5 varga consonants**

Letters	क ख ग घ ङ
TCV values	1 2 3 4 5
Letters	च छ ज झ ञ
TCV values	2 3 4 5 6
Letters	ट ठ ड ढ ण
TCV values	3 4 5 6 7
Letters	त थ द ध न
TCV values	4 5 6 7 8
Letters	प फ ब भ म
TCV values	5 6 7 8 9

**Other letters**

Letters	य व र ल
TCV values	1 3 5 7
Letters	श ष स ह
TCV values	2 3 6 9

Letters	• ◡ ◣ ◤ ◥ ◦ ◧ ◨
TCV values	9 10 11 12 13 14 15 16

19. The transcendental (5-space) format inherently transit and transforms itself into self referral (6-space) format with the inflow from self referral (6-space) origin into transcendental (5-space) domain, making a split for the transcendental (5-space) boundary of self referral (6-space) domain into a pair of equal parts of 5 components each and thereby the emerging format shall be leading to values range  $5 + 6 + 5 = 16$ .

20. TCV (ॐ) = 16, as such becomes the transcendental (5-space) as well as self referral (6-space) source origin of Vedic Systems including that of Vedic Alphabet itself.

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*VMS & T Project*  
*School Text Books*  
*(Class IX, X, XI & XII)*

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*VMS & T Text Book Class XII*  
*(6-space)*

- Chapter – 1 Surya (Sun)  
Chapter – 2 Earth to Sun range  
Chapter – 3 6, 6 x 6 and 6 x 6 x 6  
Chapter – 4 Hexagon

*VMS & T Text Book Class XII*  
*(6-space)*

Chapter – 5  
Sathapatya measuring rod

1. Sathapatya measuring rod is presided by Lord Vishnu, the over lord of 6-space.
2. Measure of the Sathapatya measuring rod is presided by Lord Brahma, creator (4-space) the Supreme.
3. This measuring rod is of the format and features of the transcendental (5-space) carriers path.
4. This measuring rod is a synthetic set up of hyper cubes 1 to 6.
5. Hyper cubes being of the features of four fold manifestation layers along the format of Idol of Lord Brahma, as such these formats are of features which permit transcendence at the origin fold and thereby transforming four fold manifestation layers into five fold transcendence range.
6. With it the transcendental (5-space) features of Sathapatya measuring rod come to be a set up of 6 transcendence ranges namely
  - (i) (1, 2, 3, 4, 5)
  - (ii) (2, 3, 4, 5, 6)
  - (iii) (3, 4, 5, 6, 7)
  - (iv) (4, 5, 6, 7, 8)
  - (v) (5, 6, 7, 8, 9)
  - (vi) And (6, 7, 8, 9, 10)
7. The sixth dimension (4-space as dimension) and its four fold manifestation layer format extending into five fold transcendence range and structuring 6-space domain as such becomes the format for the 5 x 5 transcendence ranges.
8. With the availability of the base (as a transcendence range) with 6-space in the role of dimension, as such provides further extension for 5 x 5 format into 6 x 6 format of organization as under:
  - (1, 2, 3, 4, 5, 6)
  - (2, 3, 4, 5, 6, 7)
  - (3, 4, 5, 6, 7, 8)



(4, 5, 6, 7, 8, 9)  
 (5, 6, 7, 8, 9, 10)  
 (6, 7, 8, 9, 10, 11)

9. With it, their emergence attainment of format of reach from 6 to 6 x 6 to 6 x 6 x 6.
10. The triple synthesis value for single, double and triple self referral (6-space) dimensions namely for [(6), (6, 6), (6, 6, 6)] comes to be (6, 8, 6).
11. The summation value  $6 + 8 + 6 = 20 = \text{TCV} (\text{वेद}) = \text{TCV} (\text{देव})$  deserve to be chased.
12. The format (6, 8, 6) as a pair of steps (6, 8) and (8, 6) as well deserve to be chased as (dimension fold, domain fold) and as domain fold, dimension fold.
13. Further (6, 8, 6) as (6, 4 + 4, 6) as well deserve to be chased as (6, 4) and (4, 6) parallel to domain fold, dimension fold and (dimension fold, domain fold).
14. 6-space as domain accepts a reach for it in terms of a measuring rod of steps (0 to 1, 1 to 2, 2 to 3, 3 to 4, 4 to 5, 5 to 6).
15. It as such shall be helping us have an insight of the availability of range (0, 1, 2, 3, 4, 5) within 6-space.
16. It in a way may be comprehended and appreciated as 5-space within 6-space.
17. One may have a pause here and take note that in the context of 3-space there would be an availability of range (0, 1, 2) within 3-space.
18. 3-space as dimension fold and 5-space as origin fold of four fold manifestation layer (3, 4, 5, 6) of hyper cube 5, as such shall be leading to transcendence at the origin fold 6-space.
19. This transcendence at 6-space as origin fold in a way would amount to transition and transformation for the role of 6-space as origin fold to that of 6-space as dimension fold of four fold manifestation layer (6, 7, 8, 9) of hyper cube 8 with hyper cube 9 as its origin fold.
20. One may have a pause here and take note that the transcendence at 6-space at origin fold of (3, 4, 5, 6) / hyper cube 5 and as dimension fold of (6, 7, 8, 9) of hyper cube 8 would be of sequential steps as under
  - (i) First transcendence step would take from domain fold to dimensional fold.
  - (ii) Second transcendence step would take a step ahead from dimensional fold to dimension of dimension fold.
  - (iii) Third step shall be further taking from dimension of dimension state to dimension of dimension of dimension state.
  - (iv) Finally the transcendence would attain dimension of dimension of dimension of dimension.
21. One may have a pause here and take note that the first step of transcendence as such shall be taking from 6-space to 4-space.
22. At second step transcendence shall be taking us from 7-space to 5-space to 3-space.
23. At third transcendence step, reach would be from 8-space to 6-space to 4-space to 2-space.
24. Final transcendence state would be from 9-space to 7-space to 5-space to 3-space to 1-space

25. One may have a pause here and take note that the above transcendence reach in 4 sequential transcendence steps is parallel to format and features of quadruple artifices (4, 3, 2, 1), which is parallel to four fold manifestation layer but in reverse orientation namely (4, 3, 2, 1) of hyper cube 3.
26. One may have a pause here and take note that as to how 3-space in the role of dimension ultimately transit, transforms and manifests as hyper cube 3 with reverse orientation.
27. One may further have a pause here and take note that as to how three dimensional frame at center of cube split into a pair of three dimensional frame of half dimensions and because of spatial order origin there happens reversal of orientations and embedding of three dimensional frames of half dimensions in corners of cube with orientations of dimensions being inward format.

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**06-01-2015**Dr. S. K. Kapoor, *(Ved Ratan)*

### Invitation

We are planning to constitute research group for revisiting the values of Vedic Mathematics, Science & Technology. We extend initiation to all those who want to pool their experience and knowledge and have an urge to explore and revisit the values of Vedic mathematics, Science & Technology.

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Organizer