

List of VM Consolidated documents of Dr. S. K. Kapoor

List 1 Different aspects of Vedic Mathematics

Aspect 9

FORM AND FORMAT OF

VALUES OF VEDIC MATHEMATICS

LIVELY IN AVAILABLE VEDIC LITERATURE

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FORM AND FORMAT OF VALUES OF VEDIC MATHEMATICS LIVELY IN AVAILABLE VEDIC LITERATURE

I

OPENING STATEMENTS

Present paper attempts to reach at form and format of values of Vedic Mathematics lively in available vedic literature. The shakala rig ved samhita is the source scripture of available vedic literature.

The inner evidence of available vedic literature bring to focus that originally there has been be a single wholesome वेद VED. It was re-organized as four Vedas ऋक् वेद (Rig Ved), यजुर्वेद वेद (Yajur Ved), साम वेद (Samved) and अथर्व वेद (Atharv Ved) by Maha Rishi Ved Vyas. There are 21 Branches of Rig ved, 101 Branches of Yajur Ved, 1000 Branches of Sam Ved and 9 Branches of अथर्व वेद (Atharv Ved). Each Vedic Branches as its distinct संहिता Samhita, ब्राह्मण Brahmana, अरण्यक Aranyak and उपनिषद् Upanishads. It makes a set of 4524 basic vedic scriptures.

In addition, each वेद Ved has its applied values ved, designated as upved, parallel to pure values of वेद ved of the respective ved. आयुर्वेद Ayur Ved is the upved of ऋक् वेद (Rig Ved). धनुर्वेद Dhanurved is the upved of Yajur ved. गन्धर्व वेद Ghandarv ved is the upved of Sam ved. And, स्थापत्य वेद sthapatya ved is the upved of अथर्व वेद (Atharv

Ved). Values of Vedic Mathematics Science & Technology are lively in the form and along the format of स्थापत्य उपवेद sthapatya upved. Sadhakas fulfilled with intensity of urge to glimpse and imbibe the virtue of the values and features of Vedic Mathematics Science & Technology shall be face to face with pure and applied values of athrav ved and स्थापत्य उपवेद sthapatya upved.

ऋक् वेद (Rig Ved), यजु वेद (Vajur Ved) and साम वेद (Samved), together are Tri-Vidhya. अथर्व वेद (Atharv Ved) is the essence of Tri-Vidhya. स्थापत्य उपवेद Sthapatya upved is essence of अथर्व वेद (Atharv Ved) and MANASARA, the scripture of स्थापत्य उपवेद sthapatya upved which literally means the essence of measure, is the ultimate essence of Vedic Mathematics Science & Technology. As such, sadhakas were fulfilled with intensity of urge to initiate themselves for the virtues of values and features of Vedic Mathematics Science & Technology shall be face to face with essence of measure of sthapatya measuring rod, presided by lord Vishnu, while measure of this measuring rod is presided by lord Brahma, four head lord, creator's supreme, along whose format manifests whole range of creations of our solar universe.

II SHAKALA RIG VED SAMHITA

Shakala rig ved samhita is the source vedic scripture. It is the oldest book of mankind preserved with us from its first to the last 432000th syllables. It is accepted as the richest heritage of mankind by UNASCO.

Organizing feature of this scripture is that knowledge and organization of knowledge run here parallel to each other. With it, it becomes valuable that first of all we shall be face to face to with organization of shakala rig ved samhita.

Shakala rig ved samhita is organized as 10 mandals, 8 ashtaks, 64 adhiyayas, 85 Anuvaks, 1028 Vargas, 2024 suktas, 10552 Richas and 432000 akshras. Of these, 432000 akshras only 397265 are in written form while remain in 34735 are in un-manifest form to complete the organization format of the scripture sustained in its manifests form.

The virtue of values and features of manifest organization format of shakala rig ved samhita is that it is parallel to the format of स्थापत्य मापदण्ड sthapatya maapdand and is of transcendental virtue of potentialized systems of transcendence through the manifested forms of creations. It is this virtue which deserves to be glimpse and imbibed by the sadhakas fulfilled with intensity of urge to face to face with values and features of the form and format of values of Vedic Mathematics lively within available vedic literature with shakala rig ved samhita as the source scripture of vedic knowledge and vedic systems for chase of existence phenomenon within our solar universe, may it be within and without frame, including Human Frame.

III

EXISTENCE PHENOMENON CHASE ALONG STHAPATYA MEASURING ROD

Sadhakas fulfilled within intensity of urge to be face to face with the existence phenomenon chase by vedic systems shall be face to face with:

- (i) Sthapatya measuring rod being the synthetic set up of hyper cubes 1 to 6.
- (ii) Human frame being of shad chakras format.
- (iii) Six folds chase steps of manifested creation of solar universe are: Panch maha bhut (पृथ्वी Prithivi, आप Aapa, अग्नि Agni, वायु Vayu, आकाश Akash) and सूर्य Surya.

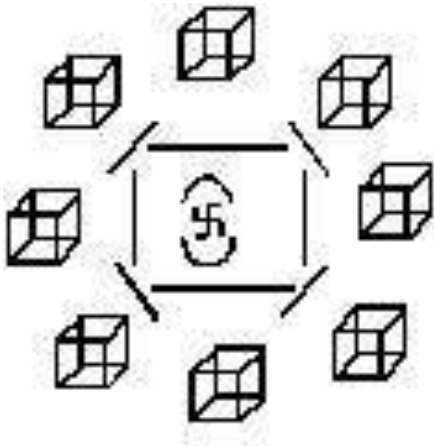
Further, a step ahead, of manifested creations format, is the transcendence format, for whose chase, vedic systems coverage of range Surya to Braham. And, virtue of values and features of this range is of form and format of transition and transformation of Sankhiya nishta, as well as of Yoga nishta, to be complementary and supplementary each other and thereby there being parallel processing steps along sankhiya nishta and yoga nishta as well as yoga nishta. It is unification virtue which sadhakas urge to glimpse fully and to appreciate completely to have through imbibing to acquire proper insight and to attain appropriate enlightenment about existence phenomenon within human frame of birth-re-birth cycle and also of moskha (liberation) from birth – re-birth formatted set ups of our solar universe.

IV
STHAPATYA MAAPDAND
स्थापत्य मापदण्ड

Manasara (मानसारा) is the scripture of sthapatya upved (स्थापत्य उपवेद). It reaches at values and features of measuring rod being settled, in terms of the values and features of formats of idols of Trimurti (त्रिमूर्ति) (lord Vishnu (विष्णु), lord Shiv (शिव) and lord Brahma(ब्रह्मा). As such sadhkas fulfilled with intensity of urge to reach at values and features of sthapatya measuring rod shall first of all reach at the features and values of formats of idols of lord Brahma(ब्रह्मा), lord Shiv (शिव) and lord Vishnu (विष्णु).

Lord Brahma is a four head lord. Each head of lord Brahma is equipped with a pair of eyes. Lord Brahma sits gracefully on the lotus seat of 8 petals. Within cavity of heart of lord Brahma is the seat of transcendental lord Shiv. Lord Brahma mediates within cavity of his own heart upon transcendental lord. And, with the grace of transcendental lord Shiv, lord Brahma multiplies as ten Brahmas.

One may have a pause here and take note that these values and features of format of idol of lord brahma are parallel to values and features of the format of hyper cube 4, the representative regular body of 4-space of spatial order 2-space in the role of dimension and of solid boundary (3-space in the role of boundary) and of transcendental origin (5-space in the role of origin).



HYPER CUBE 4

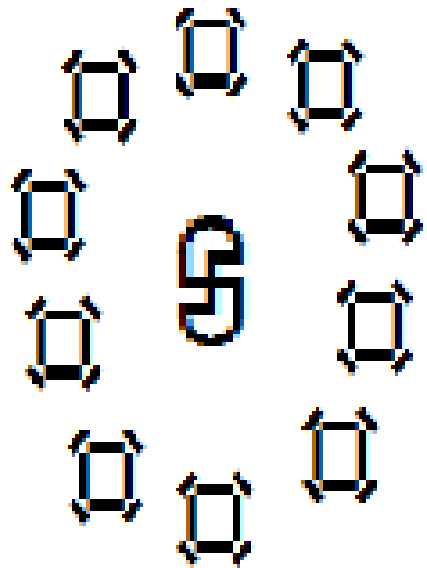


LORD BRAHMA

Lord शिव Shiv is a five head lord. Each head is equipped with triple eyes. Transcendental lord शिव Shiv has ten beautiful long arms. Within cavity of heart of lord शिव Shiv is the seat of self referral lord Vishnu. Transcendental lord शिव Shiv mediates within cavity of his own heart upon the self referral lord Vishnu. And, Lord शिव Shiv with the grace of self referral lord Vishnu, transcendental lord शिव

Shiv multiplies and manifests as dwadash adityayas (twelve Surya/Suns)

One may have a pause here and take note that these values and features of format of idol of transcendental lord शिव Shiv are parallel to values and features of format of hyper cube 5, representative regular body of 5-space manifesting within 4-space along the format of idol of lord Brahma, over lord of 4-space.



LORD SHIV शिव

HYPER CUBE 5

One may further have a pause here and take note that there is a sequential manifestation of hyper cubes 4, 5 and 6 parallel to the formats of idols of lord Brahma, lord Shiv and lord Vishnu being the presiding deity of 4, 5 and 6-spaces. One may further have a pause

here and take note that these manifestations of hyper cubes are also of the features of hyper cubes which can be chased as square (hyper cube 2) within square (hyper cube 2), cube (hyper cube 3) within cube (hyper cube 3), and steps ahead, hyper cube 4 within hyper cube 4, hyper cube 5 within hyper cube 5 and so on. Still further, it will be blissful to chase interval (hyper cube 1, square (hyper cube 2) and cube (hyper cube 3 within cube (hyper cube 3) itself.

Like that, in general the range of hyper cubes 1 to N can be chased within hyper cube N. in particular $N = 6$ brings us face to face with manifestation of hyper cubes 1 to 6 within hyper cube 6 itself. These features and values of manifestation are values and features of स्थापत्य मापदण्ड sthapatya maapdand.

Lord Vishnu is the presiding deity of स्थापत्य मापदण्ड Sthapatya maapdand. पितामह Pitamaha (Lord ब्रह्मा Brahma) is the presiding deity of measure of स्थापत्य मापदण्ड sthapatya maapdand. And वासुकि नाग Vashuki Nag is रज्जु देव आत्मा RajjuDevAatma, living transcendental phenomenon in manifested form of creation.

Sadhakas fulfilled with intensity of urge to acquire proper insight and to attain appropriate enlightenment about the values, features and processing systems along format of स्थापत्य मापदण्ड sthapatya maapdand shall be first face to face with values and features of format of idol of lord Brahma and lord Vishnu. Further one shall also be face to face to with the format features and values of त्रिमूर्ति Tri-Murti (lord ब्रह्मा Brahma, lord शिव Shiv, lord विष्णु Vishnu) and

still further, to be face to face with the lively phenomenon of वासुकि नाग Vashuki Nag as रज्जु देव आत्मा Rajjudevaatma.

Formulations स्थापत्य मापदण्ड sthapatya maapdand, Vishnu, Maan, Pitamaha, Brahma, वासुकि नाग Vashuki Nag, रज्जु देव आत्मा Rajjudevaatma deserve to be chased as per their composition features in terms of alphabet letters availed in their specific sequence as per their values and formats as per their placements in devnagri alphabet:

| Formulation | Letter wise TCV Values | Total TCV value |
|-----------------------|------------------------|-----------------|
| स्थापत्य Sthapatya | 3+5+2+5+1+4+1+1 | 22 |
| मापदण्ड Maapdand | 9+2+5+1+6+1+7+5+1 | 37 |
| विष्णु Vishnu | 7+2+6+7+3 | 25 |
| मान Maan | 9+2+8+1 | 20 |
| पितामह Pitamaha | 5+2+4+2+9+1+9+1 | 33 |
| ब्रह्मा Brahma | 7+1+1+9+9+1 | 28 |
| वासुकि Vashuki | 7+2+3+3+1+2 | 18 |
| नाग Nag | 8+2+3+1 | 14 |
| रज्जु Rajju | 3+1+4+4+3 | 15 |
| देव Dev | 6+6+7+1 | 20 |
| आत्मा Aatma | 2+4+9+2 | 17 |

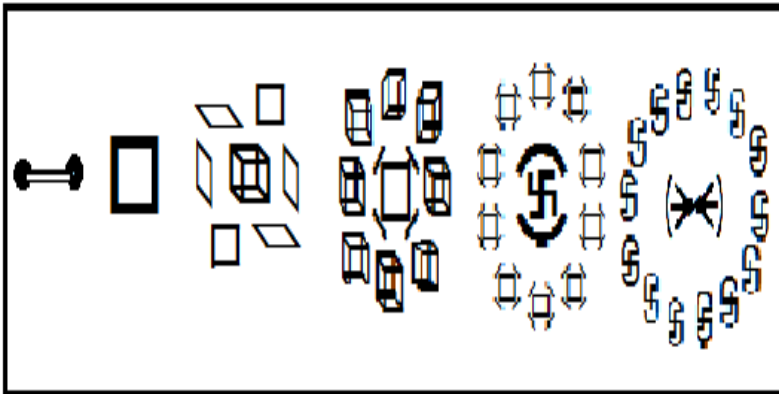
It will be blissful to take note that hyper cube 6 the representative regular body of 6-space is a four folds manifestation layer (4, 5, 6, 7) of summation value $4+5+6+7 = 22$. Hyper cube 6 is of 13 versions parallel to 13 geometries range of 6-space. It will further be blissful to take note that TCV Surya = 13 making Surya (Sun) as of format of values and features of 13th versions of hyper cube 6, a 6-space domain free of its entire transcendental boundary. It is this virtue of this format of 6-space which deserves to be comprehended well for its through appreciation to have its complete comprehension to acquire proper insight and to attain appropriate enlightenment about the existence phenomenon of our solar universe within and without frame, including human frame permitting chase along the format of Sathapatya measuring rod as a synthetic set up of hyper cubes 1 to 6 potentialised for swapping the 6-space domain (Surya) for reach at orb of Sun, a seat of unity state origin (7-space in the role of origin of 6-space) with the virtue of values and features of 7-space being the dimension of 9-space, as origin of 8-space manifesting as hyper cube 8, a four folds manifestation layer (6, 7, 8, 9) of summation value 30 which is parallel to TCV (Samhita) = 30. Sadhakas fulfilled with intensity of urge to acquire proper insight and to attain appropriate enlightenment about Vedas manifesting as Samhita shall permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe these values and features of transcendental phenomenon manifesting as orb of the Sun

V

SHAD CHAKRA FORMAT OF HUMAN FRAME

Shad chakras (षड् चक्र) are of external characteristics: (2, 4, 6, 8, 10, 12). This value range (2, 4, 6, 8, 10, 12) of Shad chakras (षड् चक्र) is parallel to number of Components of boundary folds of hyper cubes 1 to 6 synthesizing Sathapatya measuring rod:

| Hyper cubes 1 to 6 | | | | | |
|--------------------|---|---|---|---|------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| — | □ | ⊠ | ⊞ | 卐 | (→←) |



One may have a pause here and take note that the existence phenomenon within human frame is to be chased in-terms of external characteristics of shad chakras which are of the formats features and values of sequential boundary folds of hyper cubes 1 to 6 which are of values and features (two ends points of intervals, four boundary lines of square, six surface plates of cube, eight Components of solid boundary of hyper cube 4, ten Components of creative boundary of hyper cube 5 and twelve Components of transcendental boundary of 6-space

With it, along this format there is availability of a pair of transcendence folds, of outward and inward values and because of it existence phenomenon of human frame becomes of outward and inward potentialities. It is this two folds values format of existence phenomenon within human frame, which deserves to be comprehended well for its through comprehension and full appreciation to acquire proper insight and to attain appropriate enlightenment about existence phenomenon within human frame.

And, its chase is going to be the chase of the format of Sathapatya measuring rod, as a synthetic set up of hyper cubes 1 to 6 of potentialities to fully swap 6-space domain and to envelop completely the unity state origin (7-space in the role of origin of self referral domain (6-space domain).

And, to which parallel to a reach of self referral order (6-space) in the role of dimension which manifests four folds manifestation layer (6, 7, 8, 9) of format of hyper cube 8 with potentialities to transcendence and transit and transform and a transcendence range

(6, 7, 8, 9, 10) of summation value $6+7+8+9+10 = 40 = 4 \times 10$ parallel to 40 coordinate fixation of creative boundary of ten Components of transcendental domain (5-space domain).

One shall sit comfortably and to permit the transcending mind to be face to face this transcendental phenomenon of formats features and values of lord Brahma multiplying as ten Brahmas with grace of transcendental lord.

VI

CHASE FORMAT OF SOLAR UNIVERSE

Vedic systems chase resistance phenomenon of manifested creation of solar universe along the format of Panchmahabhut and Surya as a six steps long range:

- (i) पृथ्वी Prithivi,
- (ii) आप Aapa,
- (iii) अग्नि Agni,
- (iv) वायु Vayu,
- (v) आकाश Akash
- (vi) सूर्य Surya,

These six folds formulations are of transcendental code values, as follows of parallel geometric format availing format of Sathapatya measuring rod:

| S. No | Formulations | Letter wise TCV values | TCV values |
|-------|--------------|------------------------|------------|
| 1 | पृथ्वी | 5+4+5+2+7+2 | 25 |
| 2 | आप | 2+5+1 | 8 |
| 3 | अग्नि | 1+3+8+2 | 14 |
| 4 | वायु | 7+2+1+3 | 13 |
| 5 | आकाश | 2+1+2+2+1 | 8 |
| 6 | सूर्य | 3+6+2+1+1 | 13 |

One may have a pause here and take note that this six steps long sequential range of panchmahabhut and Surya formulations deserves to be sequentially chased, formulation wise and chase of each formulation as well is to be sequential parallel to the values and format individual letters being availed sequentially for their compositions. These 6 folds formulations together make a TCV value $(25+8+14+13+8+13) = 71$. Formulation panchmahabhut Surya = 68.

One may have a pause here and take note that pair of values (68, 71) are the end pair of values of quadruple values range (68, 69, 70, 71) parallel to four folds manifestation layer (68, 69, 70, 71) of hyper cube 70. One may have a pause here and take note that value 70 is parallel to summation value of four folds manifestation layer (16, 17, 18, 19) of hyper cube 18. Further value 18 is parallel to summation value of four folds manifestation layer (3, 4, 5, 6) of hyper cube 5. Further value 68 accepts organization as $68 = 34+34$ which is parallel to $[(7+8+9+10)+(7+8+9+10)]$ which is parallel to

summation value of four folds manifestation layers (7, 8, 9, 10) and (7, 8, 9, 10) of hyper cube 9 and hyper cube 9. It would further be blissful to take note that summation value of TCV values of (पृथ्वी Prithivi, आप Aapa, अग्नि Agni, वायु Vayu, आकाश Akash) and सूर्य Surya) = $25+8+14+13+8 = 58 = \text{TCV (कृष्णद्वैपायन)}$ 28th transcendental name of ब्रह्म ऋषि वेद व्यास (Braham Rishi Ved Vyas).

VII

TRANSCENDENCE FROM ORB OF SUN

Sadhakas fulfilled with intensity of urge to acquire proper insight and to attain appropriate enlightenment of virtues of values and features of format of vedic systems reach shall sit comfortably and to permit the transcending mind to be face to face with transcendental phenomenon at orb of the Sun of Par Braham reach as of transcendence range (6, 7, 8, 9, 10), of self referral order (6-space as dimension, unit state boundary (7-space as boundary, natural domain (8-space as domain, Brahma origin (9-space as origin) and par Brahma Base (10-space as base).

Vedic systems chase it as a divya ganga parvaha through artifices of Components of sole syllable Om: (Bindu sarovar, ardh matra, tripundram, swastika pada, pushpika with transcendental origin/sanatana).

| | | |
|------------------|--|-------------------|
| बिन्दु सरोवर | | Bindu- Sarovar |
| अर्धमात्रा | | Ardh Matra |
| त्रिपुण्ड्र | | Tri- Pundram |
| स्वास्तिक पाद | | Swastik Pada |
| सनातन | | Sanatana |

Transcendence and divya ganga parvaha from orb of the Sun of placement of bindu sarovar till transcendental origin of pushpika, manifests as the organization format of Srimad Bhagwad geeta. And, upward transcendence from transcendental origin of pushpika uptill Bindu Sarovar placement at orb of the Sun manifests as organization format of samved samhita.

Sadhkas fulfilled with intensity of urge to be parallel to form and format of values of Vedic Mathematics lively within available vedic literature shall be face to face with these values and features.

VIII **SUM UP**

1. Basic feature of form and format of values of Vedic Mathematics lively in available vedic literature may be of following chase steps:

(i) **Devnagri alphabet format**

Beginning may be head with TCV values and formats of individual letters of devnagri alphabet, as per there placement in devnagri alphabet format which is going to be as:

देवनागरी वर्णमाला

Nine vowels स्वरः

अ इ उ ऋ लृ ए ओ ऐ औ

। ˆ ˆ ˆ ˆ ˆ ˆ ˆ ˆ ˆ

1 2 3 4 5 6 7 8 9

5 x 5 Varga consonants वर्गाः

कवर्ग (कु)

क् ख् ग् घ् ङ्

1 2 3 4 5

चवर्ग (चु)

च् छ् ज् झ् ञ्

2 3 4 5 6

टवर्ग (टु)

ट् ट् ड् ढ् ण्

3 4 5 6 7

तवर्ग (तु)

त् थ् द् ध् न्

4 5 6 7 8

पवर्ग (पु)

प् फ् ब् भ् म्

5 6 7 8 9

Anthstha letters: अन्तस्थ

य् र् ल् व्

1 3 5 7

Ushmana letters: उष्मणः

श स् ष ह्

2 3 6 9

Yama letters यमः



9 10 11 12 13 14 15 16

(ii) **TCV values of word formulations:**

Each word formulation availing devnagri alphabet letter shall be reached at for its TCV values as summation value of the letters availed for its composition.

For facility of comprehension here below are being tabulated TCV values of word formulations mentioned and referred in this paper:

| S. No | Word Formulation | TCV |
|-------|------------------|-----|
| 1 | ऋग्वेद | 27 |
| 2 | यजुर्वेद | 31 |

| | | |
|---|-------------|----|
| 3 | समवेद | 35 |
| 4 | अथर्ववेद | 37 |
| 5 | आर्यु उपवेद | 37 |
| 6 | धनु उपवेद | 50 |

| | | |
|----|---------------------|----|
| 7 | गन्धर्व उपवेद | 59 |
| 8 | स्थापत्य उपवेद | 51 |
| 9 | पृथ्वी | 25 |
| 10 | आप | 8 |
| 11 | अग्नि | 14 |
| 12 | वायु | 13 |
| 13 | आकाश | 8 |
| 14 | सूर्य | 13 |
| 15 | षड् चक्र | |
| 16 | संहिता | |
| 17 | ब्राह्मण | |
| 18 | अरण्यक | |
| 19 | उपनिषद् | |
| 20 | वेद | 20 |
| 21 | स्थापत्य मापदण्ड | |
| 22 | मानसारा | |
| 23 | त्रिमूर्ति | |

| | | |
|----|-----------------------|----|
| 24 | विष्णु | |
| 25 | शिव | |
| 26 | ब्रह्मा | |
| 27 | स्थापत्य Sthapatya | 22 |
| 28 | मापदण्ड Maapdand | 37 |
| 29 | विष्णु Vishnu | 25 |
| 30 | मान Maan | 20 |
| 31 | पितामह Pitamaha | 33 |
| 32 | ब्रह्मा Brahma | 28 |
| 33 | वासुकि Vashuki | 18 |
| 34 | नाग Nag | 14 |
| 35 | रज्जु Rajju | 15 |
| 36 | देव Dev | 20 |
| 37 | आत्मा Aatma | 17 |

(iii) Format

Formats parallel to values of letters and word formulations. Formats parallel to TCV values of individual letters and word formulations are to be reached at as per the values and features of format of

Sathapatya measuring rod synthesized by hyper cubes 1 to 6. Individual letters values and there parallel formats are of following features:

(a) Vowels

Vowels 1 to 9 are the format of dimensional frames of 1-space to 9-space.

(b) First row of varga consonant

First row of var of transcendence range (1-space as dimension, 2-space as boundary, 3-space as domain, 4-space as origin, 5-space as base).

(c) Second row of varga consonant

Second row of varga consonant of transcendence range (2-space as dimension, 3-space as boundary, 4-space as domain, 5-space as origin, 6-space as base).

(d) Third row of varga consonant

Third row of varga consonant of transcendence range (3-space as dimension, 4-space as boundary, 5-space as domain, 6-space as origin, 7-space as base).

(e) Fourth row of varga consonant

Fourth row of varga consonant of transcendence range (4-space as dimension, 5-space as boundary, 6-space as domain, 7-space as origin, 8-space as base).

(f) Fifth row of varga consonant

Fifth row of varga consonant of transcendence range (5-space as dimension, 6-space as boundary,

7-space as domain, 8-space as origin, 9-space as base).

(g) Anthstha letter

Format of quadruple anthstha letter is of feature:(1-space as boundary, 3-space as boundary, 5-space as boundary, 7-space as boundary)

(h) Quadruple Ushmana letters

Format of quadruple Ushmana letter is of feature:
(transcendence along 2-space format,
transcendence along 3-space format,
transcendence along 6-space format,
transcendence along 9-space format)

(i) Yama letters

Yama letters are of: (at first Component, second Component, third Component, fourth Components, 5th Components, 6th Component, 7th Component, 8th Components of solid boundary of origin of solid boundary of creators domains (4-space domain).

(iv) Transcendence from manifested creations as divya ganga parvaha

Transcendence from manifested creations is to be of te format of divya ganga parvaha through artifices of Components of sole syllable Om. This transcendence is of two folds feature, form bindu sarovar to orign of pushpika and back from origin of pushpika to bindu

sarvar. Reach is to be of the format of hyper cube 8 with 9-space origin and 10-space base.

(v) **To permit transcending mind to remain in prolonged state of trans**

Sadhakas fulfilled with intensity of urge to be fully parallel to the vedic systems of there reach, shall permit there mind to continuously remain in prolonged sting of trans and to sequentially melt there mental state of linear, spatial, solid and creative dimensional order and to be in a transcendental order state.

