

ORGANIZATION FORMAT OF GANITA SUTRAS

Step – 15: Devnagri alphabet (transcendental values index)

1. Devnagri alphabet reaching us is of following script and format

Vowels

अ	इ	उ	ऋ	ॠ	ए	ओ	ऐ	औ
---	---	---	---	---	---	---	---	---

Varga consonants

क्	ख	ग	घ	ङ
च	छ	ज	झ	ञ
ट	ठ	ड	ण	ढ
त	थ	द	ध	न
प	फ	ब	भ	म

Antstha

य	र	ल	व
---	---	---	---

Ushman letters

श	स्	ष्	ह
---	----	----	---

Yama letters

•	उ	ः	ॡ	ॢ
---	---	---	---	---

2. Nine vowels, 25 varga consonants and 16 remaining letters get coordinated as triple artifices (9, 25, 16). This triple artifices permit re-organization as 3^2 , 5^2 , 4^2 , This organization is parallel to the coordination of artifices values as $3^2+4^2 = 5^2$. Further it is of the format of the features of a right angle triangle of sides of 3, 4 and 5 units. Here it would be relevant to note that Area of this triangle is of 6 units. With it there emerges a quadruple artifices values (3, 4, 5, 6). This quadruple of artifices is parallel to artifices quadruple of four fold manifestation layer (3, 4, 5, 6) / (3-space, 4-space, 5-space, 6-space) / hyper cube 5 within 4-space. This organization feature of set up of hyper cube 5 within 4-space along hyper cube 4 format makes manifestation of Devnagri alphabet format as of transcendental features.
3. Hyper cube 4, the representative regular body of 4-space, is of 9 versions parallel to 9 geometries range of 4-space. This as such provides manifestation format values for the range of 9 vowels. Further as that 4-space is of a spatial order (2-space in the role of dimension) and there being 5 non positive geometries and 5 non negative geometries, as such these manifest 5 x 5 format for 25 varga consonants.
4. This 5 x 5 grid format manifests 4 x 4 grid zones format. This 4 x 4 grid format manifests a format for remaining 16 letters of Devnagri alphabet.
5. The transition from manifestation format of Devnagri alphabet along the format of hyper cube 4 to transcendental values format for this alphabet gets facilitated with the feature of 4-space playing the role of hyper dimensional order for 6-space and that 6 x 6 grid format leads to 5 x 5 grid zones format.
6. It is this transition from 4 x 4 grid zones format to 5 x 5 grid zones format which is of transcendence features as that 5 x 5 grid zones format coordinates the centers of 6 x 6 grid zone formats. This, that way amounts to permissibility of transcendence at the centers of the grid zones.
7. Here it would be relevant to note that 5 x 5 varga consonants of Devnagri alphabet shall be having manifestation format of 4-space of the features of hyper cube 4 as under :

(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)

8. The above 5 x 5 format pair of artifices expression like (4, 4) is parallel to the format of hyper cube 4 of solid boundary of eight components, splitting as 4 components and 4 components and parallel to it there being the artifices pair (4, 4). Now taking the first artifice 4 of the pair (4, 4) as expressing column value and the second artifices 4 of artifices (4, 4) as of rows values expression. There being 5 rows and 5 columns of 5 x 5 matrix format which are parallel to the artifices range (4, 3, 2, 1, 0) in both cases.

9. Now with transition from hyper cube 4 to hyper cube 5, th above values format for 5 x 5 varga consonants would be as under :

(5, 4),	(5, 4),	(5, 3),	(5, 2),	(5, 1)
(4, 4),	(4, 4),	(4, 3),	(4, 2),	(4, 1)
(3, 4),	(3, 4),	(3, 3),	(3, 2),	(3, 1)
(2, 4),	(2, 4),	(2, 3),	(2, 2),	(2, 1)
(1, 4),	(1, 4),	(1, 3),	(1, 2),	(1, 1)

10. The affine values format for 5 x 5 format would be that every varga consonants shall be of equal value being '1'. However the sequential values format of rule of 'one more than before', shall be as follows :

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

11. The above sequential values format is of, amongst others, of following prominent features :

- i. Rows and columns are of parallel values, as much as that values of first row are the same as are the values of first column.
- ii. The summation values of 5 rows are (15, 20, 25, 30, 35) with grand summation value of them being $15 + 20 + 25 + 30 + 35 = 125 = 5 \times 5 \times 5$, cube with base square value 5×5 .
- iii. This feature of reaching at set up of cube upon square base is parallel to reaching at solid order upon spatial order.
- iv. This is further parallel to transcendence of solid order values within spatial order set up.

12. Here it also would be relevant to note that square base value $5 \times 5 = 25$ is parallel to the 9 steps long sequential arrangement (1+2+3+4+3+2+1). The prominent feature of this arrangement is parallel to a two fold sequential flow of decreasing order fountained from the middle.

13. Further this is parallel to spatial order set up being sequentially organized from the middle being of a solid order.

14. These features are simultaneously are at work of Jyoti flow (flow of light) along the artifices of sole syllable om as of a quadruple of artifices format. This quadruple artifices format, initially shall be leading to an affine format (1, 1, 1, 1) of summation value 4, then as of a sequential format (1, 2, 3, 4) with summation value 10 and finally as of spatial order sequential set up [(1, 1), (2, 2), (3, 3), (4, 4) with summation value $2 + 4 + 6 + 8 = 20$ with grand summation value $4 + 10 + 20 = 34$ which as spatial order of 4-space shall be of spatial order value $(34 + 34) = 68$.

15. One may have a pause here and permit the transcending mind to visit and revisit the set up of the artifice value 68 which would be parallel to eight octants cut of cube enveloped within 6 surface plates. Further as that $68 = 34 + 34$ leads to NVF equation, $NVF(\text{joint}) = NVF(\text{one}) + NVF(\text{one})$.

16. It would be a blissful exercise to chase the NVF equation :

$$NVF(\text{Joint}) = NVF(\text{J}) + NVF(\text{O}) + NVF(\text{I}) + NVF(\text{N}) + NVF(\text{T})$$

$$\text{Parallel to it would be artifices equation: } 68 = 10 + 15 + 9 + 14 + 20.$$

17. One format for chase of formulation 'joint' shall be as of a vertical line running through the quadruple of artifices (9, 7, 3, 1) of summation value $9+7+3+1=20$. And horizontal line through the quadruple of artifices (2, 3, 4, 5) / manifestation layer of hyper cube 4 with 5-space as origin fold at the middle of the above vertical line quadruple (9, 7, 3, 1). The summation value for this horizontal line quadruple shall be $2 + 3 + 4 + 5 = 14$. Here it would be relevant to note that $NVF(T) = 20$ and $NVF(N) = 14$.
18. Further it would be relevant to note that $NVF(J) = 10 = 1+2+3+4$ and $NVF(O) = 15 = 1 + 2+ 3 + 4+ 5$.
19. Here it would be relevant to note that the transcendence through set up of four components shall be into the transcendental range of five components.
20. Moreover as the joint is of horizontal line and vertical line with the fourth component of value (5) / 5-space / origin fold at the middle of the vertical line, as such the remaining three components parallel to triple (2+3+4+5) with summation value $2 + 3+ 4 = 9$ shall be parallel to $NVF(EYE) = 9$.
21. It would be a blissful exercise to chase the formulation 'Joint' to reach at the organization format of formulation 'Joint'.
22. Further it also would be a very blissful to note that the transcendental values index of the text of Ganita Sutra-1 is precisely '68' while the transcendental values index for the formulation 'ॐ'(om) is 16 and with it ॐ (om) becomes the transcendental source formulation for the Ganita Sutras and the Ganita Sutras as a complete scripture in itself shall be of the text which shall be accepting ॐ (om) as transcendental suffix and that way the text of Ganita Sutras shall be 'ॐ' (om) 'ekadhiken purvena'---

Dr. S.K. Kapoor