

Vedic Mathematics, Science & Technology course

PART – I PRELIMINARY

Chase Step – 01

PRELIMINARY GLIMPSE OF THE WAY
THE COURSE IS GOING TO UNFOLD ITSELF

I

Overview of Scope and Aim of the course

1. This is an Introductory Course of Ancient Wisdom Discipline of Vedic Mathematics, Science and Technology (In short VMS & T).
2. VMS & T has its roots in transcendental domains (5-space content manifesting as domain fold of hyper cube 5 in 4-space)
3. VMS & T aims to read Vedas written on the rays of Sun (which avails for its 'role of dimension fold' of hyper cube 8 in 4-space.
4. This course as such shall be restricting itself uptill the chase along the format of hyper cube 5 to lay foundation for chase ahead for Advance Course to reach for chase along the format of hyper cube 8.

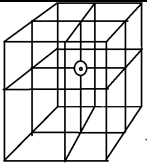
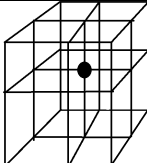
II

Preliminary information

5. Basic values and formats to be availed in this course, amongst others, are going to be as under :
 - i. Number 5
 - ii. Ten place value system
 - iii. 5-space
 - iv. Hyper cube 5
 - v. Manifestation layer (3, 4, 5, 6)
 - vi. Transcendence Range (3, 4, 5, 6, 7)
 - vii. 5-space content as domain fold
 - viii. Pentagon format
 - ix. Synthesise of dimensions
 - x. Different roles of 5-space
 - xi. Number value formats for English alphabet letters

xii. Transcendental code values for Devnagri alphabet letters

6. Basic symbols parallel to conceptual terms and dimensional formats, which may be referred and availed are going to be:

Sr.	Term	Value / (Symbol)	Space	Body
1	Triloki	3 (ॐ)	3-space	Hyper cube-3
2	Brahma	4 (ॐ)	4-space	Hyper cube-4
3	Shiv	5 (ॐ)	5-space	Hyper cube-5
4	Vishnu	6 (ॐ)	6-space	Hyper cube-6
5	Manifestation (four folds)	4 (ॐ)	4-space	Hyper cube-4
6	Transcendence (five folds)	5 (ॐ)	4-space	Hyper cube-4
7	Self referral (six folds)	6 (ॐ)	6-space	Hyper cube-6
8	Unity (seven folds)	7 (ॐ)	7-space	Hyper cube-7
9	Nature (eight folds)	8 ()	8-space	Hyper cube-8
10	Braham (nine folds)	9 ()	9-space	Hyper cube-9

7. Every participant shall be expected to makes one's own dictionary of technical / conceptual terms and features thereof. The same may be on the following lines :

i. **Bindu Sarover**

Bindu Sarover accepts simple English rendering as a point reservoir of structures. It as such is a structured point. It is in terms of the features of structures of the dimensional bodies that the points of the bodies get distinguish.

- ii. **Ardh Matra**
Ardh Matra accepts simple English rendering as ‘half measure’. It is parallel to number ‘1/2’. Still further it is parallel to ‘half artifice’ / ‘half dimension’. In terms of it, the mathematics of ‘2 as 1’ and ‘1 as 2’ are worked out. Also in terms of it, spatial order (2-space in the role of dimension) permits a chase within dimensional frames of half dimensions.
 - iii. **Tripundum**
Conceptually ‘Tripundum’ is of the features of domain fold, as third fold (of the manifestation layer) emerges as a synthesis of pair of dimensions.
 - iv. **Swastik pada**
Conceptually ‘Swastik Pada’ is of the features of the frame of quarter ‘square’ of the square. Swastik as a set up of four quarters is of the format of features of Spatial dimensions of 4-space.
 - v. This above enlistment is to be uptodated with the progress of the course.
8. Further it would be of good help to the participants that they shall start making their own topical write ups on the lines, as is here given about the conceptual topic ‘Axis’:

AXIS

The formulation AXIS is of NVF (Axis) = 53 = NVF (Machine). The formulation Machine avails sequential NVF values (i) M = 13 A = 1 C = 3, H = 8, I = 9 N=14, E =5. Artifice 13 takes us to 13 edged cube is of the features of spatial order set up of hyper cube 4. With it 13th edge takes spatial format. This, this way will add additional axis for the 13th edge. This addition shall be taking us to second stage (second letter) A = 1.

The value $1^1 = 2^0$. It as such shall be taking us from zero dimensional order to linear order. It works out the transition from A = 1 to C = 3. Ahead C = 3 as 3-space / cube takes us to

8 octants cut / artifice $8 = H$. It is still further it takes to 9 points fixation for the cube and accordingly is attained the stage $I = 9$. This set up makes the geometric envelope of the cube stitched as 8 corner points and 6 surfaces as 14 components and parallel to it is $n = 14$ phase and stage of the formulation. The geometric envelope free cube as eight sub cubes take to set up of hyper cube 4 within solid boundary of 8 components and 5 space as origin fold and parallel to it emerging the final stage of the formulation namely $E = 5$.

9. Still further, it would be blissful for the participants to make their own chase attempts to reach at the values and features of different formats like the demonstration here under:

“Location of 5-space

1. Point as 0-space body moves and tracks 1-space format.
2. Line as 1-space body moves and tracks surface (2-space format).
3. Surface as 2-space body moves and tracks solids 3-space format
4. Solids as 3-space body tracks hyper solid 4 (4-space format)
5. Hyper solid 4 a 4-space body moves and tracks 5-space format.
6. Hyper solid 5 is a 5-space body.
7. It is this degree of freedom of motion which manifests an additional dimension for the body in motion. The degree of freedom of motion of a point manifests 1-space format, a degree of freedom of motion for a line manifests an additional dimension for 1-space set up and leads to 2-space format. And like that it would be blissful to reach at 5-space format and to comprehend set ups of 5-space bodies.”

III
VMS & T Space chase:
Progress with Preliminary caution

10. English vocabulary avails 26 letters alphabet of number values formats of value range of artifices 1 to 26.

a. NVF (English) = 74 = NVF (Pairing), that way becomes the basic features of chase of words formulation (as formulation) artifice (74) accepts reflection pairing with artifice 47.

b. This reflection pair (47, 74) with summation value 121 provides us insight about pairing feature, firstly as that organization is availing format of a line / interval which permits approach from either end to the middle and uptill other end. It distinguishes orientations.

c. Further 4 x 4 format as below, along its fourth column in its pair of orientations shall be taking us from artifice 4 to artifice 7, and other way around it shall be taking us from artifice 7 to artifice 4.

1	2	3	4
2	3	4	5
3	4	5	6
4	5	6	7

11. As such while chasing English Language with NVF (English language) = NVF (Pairing Joint), all these features will come into play, these are the manifestation features of four folds parallel to the values of quadruple consecutive artifices like (4, 5, 6, 7) and in general being (n, n+1, n + 2, n +3)

12. Vedic systems as Sanskrit language with Devnagri alphabet works out 'Shabad' as 'Sutra' as per transcendental code values with focus, which shall be upon transcendence from domain fold to its dimension of dimension fold shall be self referral.

12.1 It as such becomes of a pair of phases of firstly having transcendence from manifestations and then a step ahead of transcendence becoming self referral

13. The English language formulation (words composition), that way take us from manifestation to transcendence as a distinct step and transcendence to self referral as well being a distinct steps

13.1 While on the other hand Sanskrit Sutras simultaneously take up 'manifestation to transcendence to self referral transcendence'

13.2 And this distinction need be kept in mind as a precaution while VMS & T values are being chased as presently, in English language

14. Illustratively NVF (Mathematics) = NVF (Square) + NVF (Cube).

14.1 Square and cube simultaneously mark their presence in the set up of a cube.

14.2 Cube as hyper cube 3 is a manifestation layer with 2-space in the role of boundary and 3-space being in the role of domain.

14.3 Further as that 2-space is the representative regular body of 2-space while cube is the representative regular body of 3-space.

14.4 And simultaneously square is hyper cube 2 while cube is hyper cube 3 as well.

15. The summation value $2 + 3 = 5$ and multiplication value $2 \times 3 = 6$, as such would require an appropriate system to handle both values pair (5, 6) simultaneously.

15.1 First perfect number $6 = 1 \times 2 \times 3 = 1 + 2 + 3$ as these feature but only because here triple artifices are coming into play.

15.2 NVF (monad, monad) = NVF (trimonad) and NVF (linear) = NVF (solid) = NVF (Third) would help us focus upon the formulation values of this systems of 26 letters alphabet.

15.3 However when we shall be shifting to 4-space as spatial order set up in the role of boundary and 5-space as solid order set up in the role of domain, we shall be reaching a system in terms of features of hyper cube 5.

15.4 Amongst others, 9 geometries of 4-space and 11 geometries of 5-space would help construct 9 x 11 format for chase of ten place value system being availed by VMS & T.

15.5 For its chase of space as नभः Nab. Transcendental code values (TCV) नभ = 8 + 1 , 8 + 1 = 99

16. Artifice 99 is a self reflecting artifice as much as that it accepts same value digit at its both places. It is the biggest double digit number of ten place values systems all the double digit number of ten place value system get organized along and as 9 x 11 format as under

01	02	03	04	05	06	07	08	09	
10	11	12	13	14	15	16	17	18	
19	20	21	22	23	24	25	26	27	
28	29	30	31	32	33	34	35	36	
37	38	39	40	41	42	43	44	45	
46	47	48	49	50	51	52	53	54	
55	56	57	58	59	60	60	61	62	
63	64	65	66	67	68	69	70	71	
72	73	74	75	76	77	78	79	80	
81	82	83	84	85	86	87	88	89	
90	91	92	93	94	95	96	97	98	99

17. Ten place value system and like that in general n place value system shall be constituting sequential values path organized as n^0 , $n^0 + n^1$, $n^0 + n^1 + n^2$, --- .

18. The constituents of these sequential values steps are (n^0, n^1, n^2, n^3) . This sequence of constituent is availing the format of the set ups of 0 dimension, 1 dimension, 2 dimensions, 3 dimensions, 4 dimensions and so on.

IV
Glimpse of VMS & T results:

19. Vedic Mathematics, Science and Technology has settled dimensional synthesise values mathematics which leads us to the

following spectrum (same would be taken up in the course for its wide range of pure and applied values):

Here C1 column tabulates the values of **single** dimension of the space.

Here C2 column tabulates the values of **two** dimension of the space.

Here C3 column tabulates the values of **three** dimension of the space.

Here C4 column tabulates the values of **four** dimension of the space.

Here C5 column tabulates the values of **five** dimension of the space.

Here C6 column tabulates the values of **six** dimension of the space.

Here C7 column tabulates the values of **seven** dimension of the space.

Here C8 column tabulates the values of **eight** dimension of the space.

Here C9 column tabulates the values of **nine** dimension of the space.

C1	C2	C3	C4	C5	C6	C7	C8	C9
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-9	-7	6	30	65	111	168	226	315
-8	-6	6	28	60	102	154	206	288
-7	-5	6	26	55	93	140	196	261
-6	-4	6	24	50	84	126	176	234
-5	-3	6	22	45	75	112	156	207
-4	-2	6	20	40	66	98	136	180
-3	-1	6	18	35	57	84	116	153
-2	0	6	16	30	48	70	96	126
-1	1	6	14	25	39	56	76	99
0	2	6	12	20	30	42	56	72



-1	-1	0	+2	+5	+9	+14	+20	+27
+1	+1	0	-2	-5	-9	-14	-20	-27

1	3	6	10	15	21	28	36	45
2	4	6	8	10	12	14	16	18
3	5	6	6	5	3	0	-4	-9
4	6	6	4	0	-6	-14	-24	-36
5	7	6	2	-5	-15	-28	-44	-63
6	8	6	0	-10	-24	-42	-64	-90
7	9	6	-2	-15	-33	-56	-84	-117

8	10	6	-4	-20	-42	-70	-104	-141
9	11	6	-6	-25	-51	-84	-124	-168

20. Let us have a pause here for a while and revisit and to take note that addition, multiplication operations together with reflection operation which shall be making reverse of addition and multiplication operations namely subtraction and division operation are independent operations and that the synthesis mathematics and that the dimensional synthesis also avails refraction operation.

20.1 And further symmetric super impositions features of addition and multiplication operations shall be taking to set ups of 2 as 1 and 3 as 1 and so on.

20.2 And their reverses 1 as 2, 1 as 3 and so on shall be leading to organization formats which shall be helping work out applied values of transcendence through manifestations.

20.3 And further for transcendence to be self referral transcendence like triple (1, 3, 5), accepting parallel to it triple (2, 4, 6) and so on along hyper cube 5 format.

20.4 And parallel to it along 5-space, artifice 5 / 5 x 5 format transiting and transforming into value 5 x 5 x 5.

20.5 And in general the n x n format transiting and transforming for acceptance of n x n x n values.

21. The above features and other values of above operations shall be taken up in detail in this course.

Note:- From this stage, the course will take off from 22-11-2013.

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