

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

List 4

Manuscript – 11    **VMS&T Text Book Class-XII Real 6 Space**

### **VMS&T Text Book Class-XII Real 6 Space**

#### Lesson - 01

#### Introductory Features

#### **I. Learning focus**

1. This year learning focus is on mathematical format for chase of existence phenomenon with in solar universe.
2. Existence phenomenon is with in frames like human body, birds, trees etc., as well as without frames like space .
3. Solar Universe is the Universe of Sun domain, which is the features of reach of Sun light.

#### **II. Ancient Wisdom**

4. VMS&T is the ancient wisdom discipline of values and virtues of Vedic systems .
5. Vedic systems accept real sixth space formats for chase of existence phenomenon of our Solar universe .
6. This chase is six steps long chase of Earth to Sun range.
7. This six steps range is parallel to the formats and features of Earth, water, fire, air, Space and Sun.
8. Ancient wisdom chases existence phenomenon of our Solar Universe of Earth to Sun range in terms of and along the format of Sathapatya Measuring Rod.

#### **III. Sathapatya Measuring Rod**

9. Sathapatya Measuring Rod is presided by Lord Vishnu.
10. The measure of Sathapatya Measuring Rod is presided by Lord Brahma.
11. Lord Brahma, the four head Lord, is the presiding Diety of Creator's Space ( Four Space).
12. Lord Vishnu, Sixth Head Lord, is the presiding Diety of Vishnu Lok/Go Lok ( Six space).
13. Vishnu Lok is real six Space domain and it accepts its chase in terms of Sathapatya Measuring Rod.
14. This brings to focus the format and features of Sathapatya Measuring Rod has a synthetic set up hyper cubes 1 to 6 ( representative regular bodies of 1 to 6 Space).

#### **IV Real Six Space Domain**

15. Real Six Space Domain as such brings to focus the features of a self referral domain, a domain, which accepts with in it the domains of same features.
16. Ganita Sutra 11 ( Vyasti Samisti) enlightens us about the chase format of self referral domain.
17. Simple English rendering for " Vyasti Samisti" may be " part as whole".
18. We may apprehend and appreciate " part as whole" as small or big line being equal as that both small or big lines shall be having infinit number of points as their constituents.
19. Likewise big or small surface as well bring us face to face with situation of, in both cases of big and small surfaces, their being infinit number of lines.
20. A step ahead a cube with in a queue shall be making the inner queue being equal to the outer queue.
21. It would further be blissful to take note that there may be lines, surfaces and solids/cubes within a solid/cubes.
22. It would further be blissful to take note that with in cube/hyper cube 3 would emerge a synthetic set up of hyper cubes 1, 2 and

- 3, which may be designated and accepted as a measuring rod for the domain of hyper cube 3/volume of cubes.
23. Sathapatya Measuring Rod is the measuring rod of real six space and as such as a set up of hyper cubes 1 to 6 would help chase domain of hyper cube 6/representative regular body of six space.

## V. Ganita Sutra 13

24. Ganita Sutra 13 “**Sopanantiyam dwevamantiyam** “ enlightens us about the manifestation features of dimensional bodies as that their domain folds and boundary folds accept formulation  $A^n : 2nB^{n-1}$
25.  $A^n : 2nB^{n-1}$ , for  $N=6$  shall be taking us to  $A^6 : 12B^5$
26.  $A^n : 2nB^{n-1}$ , for  $N=5$  shall be taking us to  $A^5 : 10B^4$ .
27. Here it would be relevant to take note that Ganita Sutra 14 is of the rule “one less than before”, and it would help us reach back from  $A^6 : 12B^5$  to  $A^5 : 10B^4$
28. Further here it would also be relevant to take note that the take off from the boundary of hyper cube 5, there would be a reach with in hyper cube 6.
29. Still further it would also be relevant to take note that the measure of six space “presided by Lord Vishnu” is four space “presided by Lord Brahma”.
30. It would be blissful to further take note that there are as many as 10 boundary components of hyper cube 5 and their take off and reach with in six space shall be structuring six space domain and the structured domain as such shall be taking us to the origin of the domain.
31. One may have a pause here and take note that the above features shall be bringing to focus the role of dimension fold, boundary fold, domain fold and origin fold, manifesting together.

## **VI. Hyper Cube 6 as four fold manifestation layer**

32. Four space as dimension “ Measure”, Five space has boundary, six space as domain and ahead seven space as origin, which is a reach of take off of five space boundary of six space, together constitute a fourfold manifestation layer for the set up of Hyper Cube 6, the representative regular body of six space.
33. One may have a pause here and take note that these features of Hyper cube 6, the representative regular body of six space bring us face to face with the introductory features of the mathematical format of Hyper cube 6 for chase of existence phenomenon of our Solar Universe being availed by the ancient wisdom of Vedic Systems.
34. With it, that way, the learning focus this year is going to be about the Hype cube 6 format and the reach of the chase along this format. \*

### **Technical Terms**

1. Mathematical format.
2. Existence phenomenon.
3. Solar Universe.
4. Existence with in frames like human body.
5. Sun
6. Sun Domain
7. Six Space
8. Hyper Cube 6
9. Hyper Cube 6 as manifestation layer.
10. Dimension fold
11. Boundary fold
12. Domain fold
13. Origin fold
14. Creative space( Four Space)
15. Self Referral Space ( Six Space)

16. Lord Brahma
17. Lord Vishnu
18. Measuring Rod
19. Measure of Measuring Rod
20. Sathapatya Measuring Rod
21. Ganita Sutra 11 Vyasti Samisti
22. Sutra 13
23. **Sopanantiyam dwevamantiyam**
24. Sutra 14” one less than before”

### **Short questions and value notes of technical terms of Lesson-1.**

I. Write value notes, as per your comprehension and appreciation of the following technical terms / phrases:

1. Mathematical format.
2. Existence phenomenon.
3. Solar Universe.
4. Existence with in frames like human body.
5. Sun
6. Sun Domain
7. Six Space
8. Hyper Cube 6
9. Hyper Cube 6 as manifestation layer.
10. Dimension fold
11. Boundary fold
12. Domain fold
13. Origin fold
14. Creative space( Four Space)
15. Self Referral Space ( Six Space)
16. Lord Brahma
17. Lord Vishnu
18. Measuring Rod
19. Measure of Measuring Rod
20. Sathapatya Measuring Rod
21. Ganita Sutra 11 Vyasti Samisti
22. Sutra 13
23. **Sopanantiyam dwevamantiyam**
24. Sutra 14” one less than before”

### **II. Write short answers to the following questions.**

1. What is the learning focus of this year?
2. What is the source of ancient wisdom?
3. What is the reach of the Sun light?

4. How Sun light and Solar Universe domain are interconnected?
5. Give illustration of existence phenomenon with in frame.
6. Give illustration of existence phenomenon without frame.
7. What is simple English rendering for Ganita Sutra 1?
8. What is simple English rendering for Ganita Sutra 14?
9. What is simple English rendering for Ganita Sutra 13?
10. What is simple English rendering for Ganita Sutra 11?
11. What is common formulation for domain and boundary of Hyper cube?
12. Elaborate the concept of Sathapatya Measuring Rod.

## Lesson-2.Sathapatya Measuring Rod.

**I. Measuring Rod & Measure of the Measuring Rod**

1. Measuring Rod and measure of the measuring rod are two distinct but interconnected features of the measuring rod itself.
2. These distinguishing features, in respect of Satyapatya Measuring Rod are reachable in terms of the values and virtues of Lord Vishnu being the presiding Diety of Vishnu Lok ( six space),as presiding Diety of the Sathapatya Measuring Rod itself and Lord Brahma, the presiding Diety of Creator's space ( four space) being the presiding Diety of the measure of the Sathapatya Measuring Rod.
3. With it, the pair of above features of Sathapatya Measuring Rod and its measure, go parallel to the values and virtues of six space and four space respectively.
4. This as such brings to focus, the simultaneous play of ( six space, four space).
5. The pair of spaces ( six space, four space), simultaneously coming in to play, brings to focus the interconnected features simultaneously coming into play.
6. This interconnected and simultaneous play of pair of spaces ( six space, four space) takes us to the parallel pair of numbers ( 6,4), which further takes us to the parallel interconnected and simultaneous role of ( six as number, four as artifies value of number six), which further takes us to the parallel interconnected and simultaneous role of ( six space as domain, four space as dimension).
7. One may take a pause here and take note that ( six space as domain, four space as dimension, is a particular case of ( N space as domain, N-2 space as dimension) for the value  $N=6$ .



8. One may take a pause here and take note that we are well acquainted with linear axes of three space set up, which is a particular case for  $N=3$ .
9. One may further have a pause here and take note that 3 linear axes constitute a dimensional frame for three space.
10. This will help us comprehend and appreciate that (  $N$  space as domain, and  $N-2$  as dimension, takes us to  $N$  dimension of order and  $-2$  space constituting a dimensional frame for  $N$  space.
11. With it, one can specifically comprehend and appreciate that the dimensional frame of six space is constituted by six dimensions of order of four space .
12. In other words six dimensions of order of four space ( four space bodies/hyper cube 4) shall be constituted a dimensional frame for six space.
13. One may have a pause here and take note that the point of six space domain would require a set of six coordinates of order of four space.
14. One may have a pause here and take note that the point of six space as domain require a fixation in terms of a set of three points of linear order ( order of one space set up). In general the point of  $N$  space domain shall be requiring a set of  $N$  points of order of  $N-2$  space set up.
15. It would be blissful to have a fresh look at the comparative fixation requirements for the points of 3 space domain in terms of 3 points of linear order ( order of one space ) and set of six coordinates of creative order ( order of four space).
16. One shall sit comfortably and permit the transcending mind to glimpse the distinguishing values of the 3 spaces and six spaces respectively.
17. Likewise one shall sequentially comprehend and appreciate the distinguishing features of points of 3 space domain, four space domain, five space domain and six space domain respectively.

18. One shall visit and revisit the structural set up of the points of 3,4,5 & 6 spaces domain and enrich one's inside about the structural set up of 3,4,5,6 space bodies/hyper cubes 3,4,5, 6.

Technical Terms:

1. Sathapatya Measuring Rod.
2. Lord Vishnu, the presiding Deity of six space.
3. Lord Brahma, the presiding Deity of four space.
4. Six space as domain and four space as dimension.
5. Six as number and four as artifacts of number 6 .
6. Six space as domain and four space as dimension.
7. Three space as domain and one space as dimension.
8. Dimensional frame.
9. Dimensional frame of three space.
10. Three linear axes constitute dimensional frame of three space.
11. Six creative dimensions constitute dimensional frame of six space ( self referral space)
12. Fixation of the point of a space domain
13. Fixation of the point of six space domain.
14. Fixation of three space domain.
15. Set of six coordinates for fixation of a point of six space domain.
16. Set of three coordinates for fixation of point of three space domain.
17. Number of dimensions of N space or N of order of N-2 space.
18. Number of dimensions of six space or six of order of four space.
19. Number of dimensions of three space or three of order of one space.\*

## Short questions and value notes of technical terms of Lesson-2.

I. Write value notes, as per your comprehension and appreciation of the following technical terms / phrases:

1. Sathapatya Measuring Rod.
2. Lord Vishnu, the presiding Deity of six space.
3. Lord Brahma, the presiding Deity of four space.
4. Six space as domain and four space as dimension.
5. Six as number and four as artifacts of number 6 .
6. Six space as domain and four space as dimension.
7. Three space as domain and one space as dimension.
8. Dimensional frame.
9. Dimensional frame of three space.
10. Three linear axes constitute dimensional frame of three space.
11. Six creative dimensions constitute dimensional frame of six space ( self referral space)
12. Fixation of the point of a space domain
13. Fixation of the point of six space domain.
14. Fixation of three space domain.
15. Set of six coordinates for fixation of a point of six space domain.
16. Set of three coordinates for fixation of point of three space domain.
17. Number of dimensions of N space or N of order of N-2 space.
18. Number of dimensions of six space or six of order of four space.
19. Number of dimensions of three space or three of order of one space.\*

## **II. Write short answers to the following questions.**

1. Lord Vishnu is the presiding Deity of which space?

2. Lord Brahma is the presiding Deity of which space?
3. Who is the presiding Deity of Sathapatya Measuring Rod?
4. Who is the presiding Deity of Measure of Sathapatya Measuring Rod?
5. Which space plays a role of dimension of N space?
6. Which space plays a role of dimension of six space?
7. Which space plays a role of dimension of three space?
8. How many dimensions constitute dimensional frame of N space?
9. How many dimensions constitute dimensional frame of 6 space?
10. How many dimensions constitute dimensional frame of 3 space?
11. How many coordinates are required to fix point of N space domain within its dimensional frame?
12. How many coordinates are required to fix point of 6 space domain within its dimensional frame?
13. How many coordinates are required to fix point of 4 space domain within its dimensional frame?

### **Lesson-3 Real Four Space**

One shall sit comfortably and permit the transcending mind to glimpse the reality of four space around us .

We are well acquainted with the reality of solid emotions.

Let us have a pause and try to comprehend and appreciate the distinguishing features of solid and static state and solid in dynamic state.

Solid and dynamic state have a degree of freedom of motion over and above the static state of solid and static state.

Solid and static state are the set up with in a three dimensional frame

The additional degree of freedom of motion for solids, adds another dimension to the existing three dimensional frame.

This as such makes dynamic solids phenomenon of higher dimensional order than that of static solids .

This as such makes the space around us of a dimensional order higher than that of three space .

This as such takes us to the reality of existence of four ( and of higher ) spaces.

Let us have a pause here and appreciate that we have a physical mass, move around, and this as such makes space around us being four ( and higher spaces) space set up.

One may further have a pause here and sit in a room .

While sitting in a room, the forewalls, floor and roofs shall be creating a mental state for us , as if whole space is three space.

Let us have a pause and think as to whether such conditioning of the space by its wall, roofs and floors, are also the equal conditioning for the space outside the room.

The movement one shall be coming out of a room, the existing mental condition of three space of the room, would wither away and it shall be bringing us face to face with the reality of four ( and higher spaces) existence.

As, one shall be attempting melting away of the mental conditioning of three space set up, one may also can melt away the

conditioning of the four space reality as the exclusive reality for the space outside the room( three space).

For it, we have to go a step ahead of melting of mental conditioning because of being with in a room to queue room/cube/hyper cube 3/3 space bodies set up to the phase and stage of melting mental conditioning because of one being with a hyper cube 4/four space body set up.

As the three space reality is of the order of manifesting of three space content as domain fold of hyper cube 3, a step ahead, four space reality is of the order of manifesting of four space content as domain fold of hyper cube 4.

As such four space reality may be formally accepted as the reality of existence with in four space domain ( of hyper cube 4).

Therefore, the transition from 3 space reality to 4 space reality, is going to be of a shifting from the mental state of existence with in hyper cube 3 to the existence with the mental state of being with in domain fold of hyper cube 4.

It would be a blissful exercise to chase transition from 3 space mental set up to 4 space mental set up.

This transition alternatively would amount to a transformation from the world of 3 space to the world of 4 space..

It would be an attainment of the order of a shift from values and virtues of 3 space set up to values and virtues of 4 space set up.

In other words it would be an attainment of melting of conditioning of mental state of 3 space and its transformation into the intelligence of the mental state of 4 space.

As a result one shall be shifting from the values of mathematics, science and technology of 3 space format to the values of mathematic science and technology of 4 space format.

In a way it would amount to transition and transformation for linear order ( one space in the role of dimension) to spatial order( 2 space in the role of dimension).

It would be blissful exercise to permit the transcending mind to glimpse the values and virtues of spatial order ( 2 space in the role of dimension) mathematics, science and technology.

It would be very blissful to have comparative evaluation of the values of linear order ( one space in the role of dimension) vis-à-vis special order ( 2 space in the role of dimension).

It shall be taking us from the mathematic, science and technology of 3 space to the mathematic, science and technology of 4 space.

Here it would be relevant to take note that this in fact is going to be a shift from Triloki to Creator's space.

### **Lesson-4 Spatial Order Leads to inword and outword expansions.**

1. A linear order means one space in the role of dimensions.
  - a. One space in the role of dimension means one space content in the role of dimension.
  - b. One space content in the role of dimension means one space content as domainfold being in the role of dimension.
  - c. One space content manifested as domain means domainfold of Hyper cube 1.
  - d. Domain fold of Hyper cube 1 means the line of the features  
which accepts length and this makes it to be a linear axes  
of a three dimensional frame of three space.
2. A step ahead , spatial dimension means two space in the role of dimension.
  - a. Two space in the role of dimension means two space content in the role of dimension.
  - b. Two space content in the role of dimension means two space content as domainfold being in the role of dimension.
  - c. Two space content manifested as domain means domainfold of Hyper cube 2.
  - d. Domain fold of Hyper cube 2 means the surface/plane of the features which accepts area and this makes it to be a spatial axes of a four dimensional frame of four space.
3. Linear axes frame frames three space content manifested as domainfold.
4. Spatial axes frame frames four space content manifested as domainfold.
5. The spatial axis being of features of area, the same as such permits reversal of orientation.



6. This reversal of orientation feature makes one space set up as of a pair of orientations with in surface/plane/spatial axis.
7. The pair of linear axes as such shall be leading to a paired pair of double orientation set up of one space.
8. It as such makes the expression of the features of fourfolds organization with in surface/plane/spatial axis.
9. It is this feature of spatial axis, which deserves to be comprehended well and to be fully appreciated to have complete imbibine of its values for deep inside and thorough enlightenment.
10. Here one may have a pause and take note that the grid always leads to its grid zone remaining uncovered but at the same time the same ( grid zone) remaining framed with in a linear boundary of four components.
11. It is this limitation of grids, which shall bring us face to face with the distinction between “ area “ measure from that of the measure” length multiplied by breadth “
12. One shall have a pause here and permit the transcending mind to glimpse this difference of distinguishing features of measures of “ area” and of “ length multiplied by breadth”.
13. It shall be bringing us face to face with the distinguishing features of axes being of “ linear order” and of “spatial order”.
14. One way to approach this distinction may be to comprehend the distinction between “ 1” and “2”.
15. One may have a pause here and permit the transcending mind to chase” 1” as 1 and “ 1 as 2”.
16. Further one shall chase “ 2 as 1” and “2 as 1” and “ 1 as 1”.
17. Still further one shall chase “ 1 as 2 “ and “ 2 as 2 “.
18. This way one shall be enriching oneself about the distinguishing features of linear order and spatial order.
19. One shall sit comfortably and permit the transcending mind to comprehend and appreciate the distinguishing features of one space and of two space.

20. Still further one shall glimpse the distinguishing feature of one space content and of two space content.
21. It would be a blissful exercise to chase one space in the role of dimension and one space in the role of boundary.
22. Still further it would be blissful exercise to chase two space as dimension and two space as boundary.
23. It would be a very blissful exercise to chase the set up of Hyper cube 1 and Hyper cube 2 and to reach at their distinguishing feature.
24. Still further it would be a very blissful exercise to chase and analyst the features of one space as dimension, one space as boundary, one space as domain and one space as origin.
25. A step ahead it would be very blissful exercise to chase and analyst the features of two space as dimension, two space as boundary, two space as domain and two space as origin.
26. Still further it would be a blissful exercise to chase internal space ( volume/domain) of cube/hyper cube 3 in terms of a dimensional frame of 3 linear dimensions and also in terms of a dimensional frame of 3 spatial dimensions.
27. This will bring us face to face with the split of the volume in to 8 parts as 8 solid domains.
28. Simultaneously it would also bring us face to face with the existence of 4 internal diagonals of cube ( Volume/domain) and centre of the cub being the meeting point of the inner most corner of 8 sub cubes of the cube.
29. These features still further brings us face to face with the coverage of the space in terms of a dimensional frame of 4 linear axis and in the other hand a coverage with in a dimensional frame of 4 spatial dimensions.
30. One may have a pause here and take note that the centre of the cube, as meeting point of inner most corner points of 8 sub cubes would be a set up of a seat of 4 space enveloped with in a solid boundary of 8 components parallel to which is the set up of hyper cube 4 .

31. This as such shall be bringing up face to face with the simultaneous expansions outwards as split of the 3 space domain in to 8 components and inward their being a reach to 4 space domain.

It would be very blissful exercise to chase and comprehend this simultaneous outward and inward expansion at centre of cube/hyper cube 3 as being only because of the spatial order of the original fold of the domainfold of a linear order.

### **Lesson-5 Dimensional frame of 3 space and 4 space.**

1. Dimensional frame of 3 space is constituted by 3 linear axis.
2. With in 3 dimensional frame is framed 3 space content manifested as domain of cube/hyper cube 3.
3. Dimensional frame of 4 space is constituted by 4 spatial dimensions.
4. With in dimensional frame of 4 space is framed 4 space content manifested as domain of hyper cube 4.
5. The dimensional frame of 3 spatial dimensions splits the domain of 3 space /hyper cube 3 in to 8 sub domains of 8 sub cubes.
6. This split of domain of hyper cube 3 in terms of a dimensional frame of 3 spatial dimensions brings to focus the future of centre of cube/hyper cube 3 being the seat of 4 space which accepts a dimensional frame of 4 spatial dimensions.
7. One may have a pause here and take note that the domain/volume/ internal space of cube /hyper cube 3 accepts 4 internal diagonals, which together may be taken as a dimensional frame of 4 liner axis.
8. One may further have a pause here and take note that centre of the cube as a seat of 4 space shall be accepting a dimensional frame of 4 spatial dimensions.
9. One may further have a pause here and take note that the split of cube in to 8 sub cubes is parallel to split of 3 space in to 8 octants.
10. It would further be a blissful to take note that it would amount to a split of a solid boundary containing centre of the cube in to 8 octants parallel to the format of hyper cube 4 as 4 space domain enveloped with in solid boundary of 8 compontns.
11. It would further be very blissful to take note that hyper cube 4 is a fourfold manifestation layer ( 2,3,4,5) /( 2 space

as dimension, 3 space as boundary, 4 space as domain, 5 space as origin).

12. It would further be very blissful to glimpse origin fold of hyper cube 4 being of a solid order.
13. Still further it also would be a very blissful exercise to chase and comprehend compactification of 4 space and 5 space at the centre of cube/hyper cube 3 itself.
14. It is this feature of compactification at the origin fold of 4 fold manifestation layer with in spatial order creator space, which makes creator's space ( 4 space) being of spatial role for the existence phenomenon of manifested State with in frames.
15. One may have a pause here and take note that the chase of internal and external set ups around the centre of the cube /hyper cube 3 bring to focus the different roles of 3 space, firstly as domainfold of hyper cube 3, secondly as boundaryfold of hyper cube 4 and further as solid dimension fold of hyper cube 5 .
16. One may further have a pause here and take note that the role of 3 space as origin fold of hyper cube 2 as well is marking its praises here as that 3 space as origin is enveloped with in 2 space as its boundary.
17. One shall sit comfortably and permit the transcending mind to glimpse this phenomenon of different roles of 3 space.
18. One way to express a chase the different role of 3 space would be as of the expression format of 4 x 4 matrix as under:

		0	1	2	3
1	2	3	4		
2	3	4	5		
3	4	5	6		

19. It would a blissful exercise to chase above matrix as 4 rows and 4

columns. With each row and each column being a manifestation

layer of hyper cube.

19. Illustratively first row is the fourfold manifestation layer (0,1,2,3) of hyper cube 2.
20. Likewise first column as well is a fourfold manifestation layer of hyper cube 2 .
21. 1,2,3,4 rows or of the formats of hyper cube 2,3,4 & 5.
22. Likewise 1,2,3 & 4<sup>th</sup> columns are also of the formats of hyper cube 2,3,4 & 5 respectively.
23. It would be a very blissful exercise to chase the following 4 x 4 matrix format expression for different roles of 4 space.

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

## Lesson 6 Transcendental Domain.

1. Real 5 space is designated and is known as Transcendental space.
2. 5 space content manifests domainfold of hyper cube 5 .
3. Domainfold of hyper cube 5 is designated and is known as transcendental domain.
4. Hyper cube 5 is a fourfold manifestation layer ( 3,4,5,6) / ( 3 space as dimensionfold, 4 space as boundaryfold, 5 space as domainfold, 6 space as originfold.
5. Transcendental domain, as such is a solid order domain as that 3 space plays the role of dimension of 5 space.
6. As such transcendental domain accepts a solid order dimensional frame of 5 solid dimension.
7. One may have a pause here and take note that 3 space itself is a linear order space as one space plays the role of dimension of 3 space.
8. With it, transcendental domain acquires a feature as that it accepts one space as dimension of dimension.
9. With it 5 space as domain, 3 space as dimension and one space as dimension of dimension constitutes a space triple ( 5 ,3,1), which is designated and is known as transcendental triple .
10. One may have a pause here and take note that the transcendental triple ( 5,3,1) are interconnected by the feature of a reach for domainfold upto its dimension of dimension.
11. In general ( n,n-2,n-4) constitutes a transcendental spaces with n space as domainfold, n-2 space as dimensionfold and n-4 as dimension of dimension.
12. With it all the transcendental triple space with above feature constitute a class of transcendental triple space with domainfold acquiring the status and features of a transcendental domain.

13. One may have a pause here and take note that ( 6,4,2) takes us to 6 space as of transcendental domain features. With 6 space domain, 4 space as dimension and 2 space as dimension of dimension.
14. 5 space in its distinct roles is origin fold of hyper cube 4, domainfold of hyper cube 5, boundary fold of hyper cube 6 and dimension fold of hyper cube 7.
15. These 4 roles of 5 space, as such will permit expression along 4 x 4 matrix format as under:

2	3	4	5
3	4	5	6
4	5	6	7
5	6	7	8

16. Forefold manifestation layer format of hyper cube accepts fifthfold as base of originfold with in 5 space.
17. This 5thfold is designated and is known as base fold .
18. Base fold is the 5<sup>th</sup> fold .
19. The five fold set up of dimensionfold, boundaryfold, domainfold, originfold and base of originfold is designated as transcendental range.
20. The set of ( 1 space, 2 space, 3 space, 4 space, 5 space is designated as transcendence range of hyper cube 3 .
21. Set up 1 space to 9 space get coordinated and lead to 5 x 5 matrix organization of 5 rows and 5 columns of 5 consecutive transcendental ranges, which accept expression as under:

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

22. One may have a pause here and take note that 5 rows of above 5 x 5 matrix of transcendence ranges of hyper cube 3,4,5,6,7.



23. Likewise 5 columns are also a transcendence ranges of hyper cube 3,4,5,6,7.

24. It would be a blissful exercise to have glimpse of comparative value and features

of manifestation layer and transcending ranges of hyper cubes 3,4,5,6,7..

25. It also would be a very blissful exercise to reach at transcendental spaces

coordination in respect of transcendence ranges of hyper cubes 3,4,5,6 & 7

respectively..

26. It would further be a very blissful exercise to chase transcendence triple space

( 5,3,1) in reference to hyper cube 3.

27. It would further be a blissful exercise to chase transcendental spaces 6,4,2 in

reference to hyper cube 4.

**Lesson 7 Real 5 Space**

1. Real 5 space manifests itself as domainfold and accepts 5 space as origin.
2. Reality of 5 space, as such is the reality of origin of 4 space.
3. With it real 5 space is located as originfold of hyper cube 4 .
4. Vedic systems approach real 5 space as Akash Tattav.
5. It is also approach as number '5'.
6. The transcendence from 4 space takes to 5 space.
7. This transcendence, as such takes us from spatial order to the solid order.
8. With it the reality of 5 space becomes reachable in the role of 3 space as dimension.
9. It in a way is going to be parallel to acceleration of motion of solids.
10. Lord Shiv, 5 head lord with 3 eyes in his each head, is the presiding Diety of 5 space..
11. Lord Brahma, 4 head lord, with a pair of eyes in his each head, meditates with in cavity of his own heart where is the seat of transcendental Lord Shiv .
12. Lord Brahma, with the grace of Lord Shiv, multiplies as 10 Brahmas.
13. It would be a blissful exercise to glimpse the features of idol of Lord Brahma being parallel to the features of format of hyper cube 4 .
14. It would further be very blissful to permit the transcending mind to chase the features of idol of transcendental Lord Shiv manifesting as hyper cube 5 .
15. It would be desireable that Sadhakas ( students) of VMS&T shall sit comfortably and permit the transcending mind to chase the transition from the format of hyper cube 4 to the format of hyper cube 5 .

- 16.** It would be a very blissful exercise, one shall sit comfortably and permit the transcending mind to sequentially chase the reality of 4 space, and a step ahead the reality of 5 space.
- 17.** It would be further very blissful exercise to fully comprehend and to completely appreciate the distinguishing features of reality of 4 space and reality of 5 space as that 4 space permits fourfold manifestation while 5 space reality leads to five fold transcending ranges.
- 18.** It would further be very blissful exercise to imbibe features of the format of five fold transcending range as that it permits its split in to a pair of fourfold consecutive manifestation layers.
- 19.** It would further be very blissful exercise to have an insight as that the pair of consecutive transcendence ranges synthesis as a sixfold self referral format.
- 20.** The existence of a pair of consecutive transcendence ranges along the self referral format deserves to be chased for its full comprehension and proper appreciation to have complete imbibing features of this phenomenon.
- 21.** The split of a transcendence range into a pair of consecutive manifestation layers and thereby the emergence of paired pairs of consecutive manifestation layers shall be resulting into the transcendental phenomenon for the take off of transcendental career from the self referral format.
- 22.** It is this phenomenon of take off of transcendental career from the self referral format, which deserves to be comprehended well and to be thoroughly appreciated for their complete imbibing to have deep insight and enlightenment of our existence phenomenon with in the Solar Universe.
- 23.** One may have a pause here and take note that a paired pairs of consecutive manifestation layers lead to synthesis and dimensional split spectrum , which ultimately becomes the

basis of VMS&T chase of transcendental career of Sunlight

One shall sit comfortably and chase all these features of reality of 5 space.

## Lesson 8 Real 6 Space

1. Reality of a Solar Universe is the reality of 6 space.
2. Sun is the feature of reality of 6 space.
3. Sun as a living phenomenon is of a transcendental self referral state.
4. The transcendental self referral state is of the features of transcendental domain along self referral format.
5. The self referral format permits surfacing of a pair of consecutive transcending ranges.
6. The emerging transcendence ranges in pairs along the self referral format makes the emergence phenomenon as “ as of “ transcendental self referral state.
7. It is this simultaneous emergence of a pair of consecutive transcendence ranges which lead to a pair of paired manifestation layers, which becomes the basic feature of living phenomenon of the Sun being a sixth space reality manifesting as our Solar Universe.
8. The urge to glimpse and comprehend 6 space reality of VMS&T students, as such becomes the urge to know the manifesting of our Solar Universe as an expression of 6 space reality.
9. The urge to glimpse and to know manifestation of our Solar Universe includes the different features of our existence phenomenon as well .
10. The existence phenomenon with in Human Frame, as such, as well becomes the chase of 6 space reality.
11. This chase, as such becomes the chase of “ transcendental self referral our existence phenomenon with in human frame.
12. Vedic systems chase this phenomenon in terms of Sathapatya Measuring Rod.
13. The Sathapatya Measuring Rod is presided by Lord Vishnu, the presiding Diety of 6 space while the measure of the Sathapatya Measuring Rod is presided by Lord Brahma,

- 4 head Lord, the Creator the Supreme being the presiding Diety of 4 space.
14. As such the learning and teaching of values and virtues of VMS&T of existence phenomenon with in Solar Universe is to begin with the learning and teaching of format and features of Sathapatya Measuring Rod.
  15. Vedic systems chase and work out Human Frame as shud Chukras Format accepting external characteristics as “ 2,4,6,8,10, 12”, which is parallel to the number of boundary components of hyper cube 1,2,3,4,5,6 respectively.
  16. This way this chase which emerges to be of six sequential steps of values parallel to the boundary components of hype cubes 1 to 6 leads to the Human Frame being a synthetic coordination of the formats of hyper cubes 1 to 6 .
  17. It is this synthetic set up of formats of hyper cubes 1 to 6 which as such becomes the basic features of the application of Sathapatya Measuring Rod .
  18. This chase is of the order of coverage of 6 space domain along the format of Sathapatya Measuring Rod as a synthetic set up of the formats of hyper cubes 1 to 6.
  19. As hype cube is a fourfold manifestation layer accepting transcendental base, which accepts self referral format, as such this leads us to 6x6 matrix formats for coverage of 6 space as domain.
  20. The 6x6 matrix coverage for 6 space domain accepts expression as under:

-1	0	1	2	3
	4			
0	1	2	3	4
	5			
1	2	3	4	5
	6			
2	3	4	5	6
	7			

3	4	5	6	7
	8			
4	5	6	7	8
	9			

21. One may have a pause here and take note that six rows of this 6 x 6 matrix are 6 consecutive self referral formats of hyper cubes 1,2,3,4,5,6.
22. Likewise six columns of this 6 x 6 matrix are self referral formats of hyper cubes 1,2,3,4,5, 6 respectively.
23. One may have a further pause here and take note that this 6 x 6 matrix coordinates (-1 space to 9 space, a range of 11 consecutive dimensional spaces.
24. Here it would be relevant to note here that 5 space has 11 geometries range and parallel to it there are 11 versions of hyper cube 5 .
25. It would further be relevant to take note that numbers pair ( 11, 13) is parallel to ( dimensional, domain) formats/( N space as dimension, N+2 space as domain.
26. Here further it would be relevant to note that 6 space accepts 13 geometries range while parallel to it, hyper cube 6 accepts 13 geometries range.
27. It would be a blissful exercise to permit the transcending mind to glimpse above features of transcendental self referral state.
28. It would be very blissful to permit the transcending mind to sequentially chase the reality of 4,5 & 6 spaces.
29. It would further relevant to take note that 6 points cover 5 linear units range.
30. Further 5 linear units cover 4 spatial units.
31. Still further 4 spatial units cover 3 solid units.

32. With this the pair of quadruples ( 6,5,4,3) and (3,4,5,6) simultaneously come in to play .
33. One shall have a pause here and permit the transcending mind to chase the format of hyper cube 5 as a four fold manifestation layer ( 3,4,5,6) in its both orientation, namely as ( 3,4,5,6) as well as ( 6,5,4,3).
34. It would be very blissful to permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse and imbibe the values of transcendental self referral state.



## Lesson 9 Mathematics of Hyper Cube 6 formats

1. VMS&T of real 6 space is of the format of Hyper cube 6 .
2. Format of Hyper cube 6 is of Self Referral State of sixfold ( 4,5,6,7,8,9).
3. Hyper Cube 6 is a fourfold manifestation layer ( 4,5,6,7)
4. Basic values of Mathematics of Real 6 space manifest as Ganita Sutras, which are 16 in number and accept 13 Sub Sutras.
5. This way basic values of Mathematics of Real 6 space manifest as 29 Sutras.
6. Dimensional splits spectrum is of sequential surfacing of values ( 1,2,5,12,29,70,169,- - - .
7. It is at fourth step, from the start with initial stage of the dimensional order, that the split spectrum acquires values 29 .
8. Here it would be relevant to note that 4 space plays the role of dimension of 6 space.
9. It would further be relevant to note that 6 space plays the role of dimension of 8 space with 9 space as origin.
10. The split spectrum for 9 space as dimensional order shall be of pair of dimensions of order of 7 space.
11. At the next step the split spectrum would be of a set of 5 dimensional axis of 5 space as order
12. At third step, the split spectrum would be a set of 12 dimensional axis of solid order.
13. It is at fourth step that the split spectrum would be a set of 29 linear axis.
14. One may have a pause here and take note that the split for number 16 comes to be  $16 = 5 + 6 + 5$ .
15. Still further split for Number 13 comes to be  $13 = 4 + 5 + 4$ .

16. One may further have a pause here and take note that at Vedic systems reach at a pair of SANBARGAS namely PRANA and Vayu, which are of TCV values 16 and 13 respectively.
17. It is the self referral features of Real 6 space , which help organize 6 space domain as a domain with in transcendental boundary, creative dimensional order and permitting transcendence with coordination of triple transcendental spaces ( 6,4,2).
18. These features together manifest as the organization format of text of Ganita Sutras.
19. With it, the Ganita Sutras start unfolding their values from with in itself along the sequential organization of a text of Ganita Sutra 1 being a composition of 16 letters.
20. One may have a pause here and take note that Ganita Sutra 1 itself unfolds itself parallel to the format, values and features of the first letter of the text of Ganita Sutra 1 itself.
21. One may further have a pause here and take note that the first letter of the text of Ganita Sutra 1 is the sixth vowel .
22. One may further have a pause here and take note that the format, values and features of sixth vowel are parallel to Number 6/6 space/hyper cube 6 .
23. One may further have a pause here and take note that Real 6 space accepts 13 geometries and parallel to it there are 13 versions of Hyper cube 6 and that there are 13 Upsutras.

The chase of the organizational format of Ganita Sutra/Sutras parallel to the self unfolding features of text of Ganita Sutra 1 parallel to the format, values and features of transcendental self referral state of living phenomenon of this Sun is going to be the blissful chase of the Sadhakas (Students) of VMS&T.\*

## Lesson 10 Vedic Mathematics to Sanskrit Mathematics

### I

#### Vedic Mathematics to Sanskrit Mathematics.

1. Vedic Mathematics and Sanskrit Mathematics are closely related Disciplines.
2. The distinct features of Vedic Mathematics and Sanskrit Mathematics mark their presence in basis of Vedic grammar and Sanskrit grammar.
3. One way to reach at the basic differences of Vedic Mathematics and Sanskrit Mathematics is to approach them in terms of spatial order format and linear order format respectively.
4. Parallel approach would be of taking “ 2 as 1 for Vedic Mathematics and “ 1 as 1 for Sanskrit Mathematics.
5. Still further parallel approach may be of availing two space/surface as organizational format for Vedic Mathematics and one space/line as organization format for Sanskrit Mathematics.
6. One may have a pause here and take note that simultaneously would be available line as well as surface with in surface.
7. As such the organization AVAILING SURFACE shall be taking care of both spatial format as well as of linear format.
8. Further it would be relevant to take note that six points along a line cover five linear units, while along the circumference of a circle, six points along the circumference cover six circumference( Line) units.
9. It is this difference of line as a format and circumference as a format deserve to be comprehended well and to be thoroughly appreciated.
10. Ganita Sutras manifest Vedic Mathematics values.

11. As such Ganitra Sutras also simultaneously manifest basic values of Sanskrit Mathematics as well.
12. The first letter of text of Ganita Sutra 1 is the sixth vowel.
13. Sixth vowel parallelly brings in to play values of number 6,6 space, hyper cube 6 .
14. The second letter of the text of Ganita Sutra 1 is the first consonant ( Ka).
15. Vedic scriptures accept “ Ka-Brahma, as well as Ka-Shiv.
16. Lord Brahma is the presiding Diety of 4 space.
17. Lord Shiv is the presiding Diety of 5 space.
18. The approach from first letter to the second letter of the text of Ganita Sutra 1, as such is of a pair of folds.
19. First fold is of values parallel to numbers pair ( 6 , 4).
20. Second fold is parallel to the values of numbers pair ( 6,5).
21. The numbers pair ( 6,4) is parallel to 6 space as domain, 4 space as dimension). Features of Sathapatya Measuring Rod.
22. The numbers pair ( 6,5 is parallel to 6 space, 5 space) ,which is parallel to 5 space in the role of boundary of 6 space and 6 space in the role of origin of 5 space.
23. One may have a pause here that along line format, 6 points cover 5 linear units, and as such the sixth unit as such would require 7<sup>th</sup> point, and also the 7<sup>th</sup> unit may become the first unit for repeated coverage of a scale of 5 linear units.
24. These features deserve to be comprehended well and to be thoroughly appreciated.
25. One may have a pause here and take note that Vedic systems accept ( Om, Pranva, Aum, Omkar, Udgith, Vashtakar as sequential values steps.
26. Further Shrimad Bhagvat Gita, the Divine Discourse of Lord Krishna, incarnation of Lord Vishnu, the presiding

Diety of Vishnu Lok/6 space preserves the Enlightenment of Lord :” Amongst Syllable, Lord is Akara, the first Syllable/Vowel.

27. This, as such helps us appreciate the linear progression of 5 steps to be chased at next step as the first step while the chase being along the linear format.
28. Still further, while the chase is going to be along the circumference format (Surface format), as six points coverage would be of six circumference units, as such progression along it, while from sixth point to seventh point, in a way would be that beginning and end point of the circumference which would be at the same point ( Mant), the same when would separate, it would make a seven point set up parallel to seven points along a line, and thereby the coverage would remain only of six linear units.
29. Here it would be relevant to note that the set of 7 lines in a surface shall be covering only six surface zones.
30. One may have a pause here and take note that it is this feature which is at the base value of the formulation “Vashtakar” . The PCV value of letter (Va) is Sath.
31. The value of formulation ( Shat) is 6.
32. One shall sit comfortably and permit the transcending mind to glimpse these features of inter relationship of values of Vedic Mathematics and of the values of Sanskrit Mathematics.

**Note:** The basic values of Sanskrit Mathematics and their reach from the Ganita Sutras are being focused in the section “Sanskrit Mathematics” of this book.

**Lesson 11** Reach from first letter to second letter of Ganita Sutra-  
1

1. Reach from first letter to second letter is a reach from sixth vowel to the first Varga consonant.
2. This reach is to the features of a reach from “ 1” to “2”.
3. It is further parallel to a reach from first value say “N” to the second value say “M” .
4. This further may be parallel to a reach from first point to the second point.
5. Still further it may be a reach from second point as first point to first point as the second point.
6. One may have a pause here and take note that the pair of points, be designated as first and second respectively may be having a space in between and as such the reach from first point to second point would be a jump over the space between the pair of points.
7. The pair of points and space in between shall be making a set of triple entities.
8. One way to accept these three set of three entities would be the first point, the gap space and the second point, which in this arrangement may be accepting sequential values as first,second and third with the gap in between getting the sequential value of “second” placement.
9. This sequential placement for first point, gap space and second point as of first, second and third placement may also as such accept representation of triple values as triple number ( 1,2,3) .
10. One may have a pause here, and take note that, as such the pair of points, first point, second point, in above arrangements shall be accepting values as ( 1,2) and also as (1,3)
11. One may further have a pause here and take note that the pair of values for the second letter of the text of

Ganita Sutra 1 namely Ka-Brahma and Ka-Shiv shall be leading us to parallel pair of paired numbers ( 6,4) and (6,5).

12. One may further have a pause here and take note that the above pair of paired numbers ( 6,4) and (6,5) shall be bringing into focus the set of triple numbers ( 6,5,4).
13. As of opposite orientation, this set of triple numbers shall also be bringing to focus the placement arrangement as (4,5,6) as well .
14. One shall further have a pause here and take note that simple English rendering for Ganita Sutra 1 is “ one more than before”
15. This way the reach from first letter to second letter of the text, as such may be taken as per the values arrangement of the working rule of Ganita Sutra 1 itself being “ one more than before”.
16. One may have a pause here and take note that the simpleEnglish rendering for the Word formulation “ Purav” is East.
17. Thus the working rule of Ganita Sutra shall be leading us to, of one step ahead of East .
18. A step towards East and a step ahead of East, as such shall be making available a pair of orientations.
19. Taking East as “ Sun”, a step ahead of Sun would be reach at “ Pole Star”.
20. One may further have a pause here and take note that the pair of orientations of a line may permit being a pair of values parallel to (+1 -1).
21. One may further have a pause here and take note that the pair of values (+1, -1) is parallel to format of a pair of values (N,N-2), which is further parallel to the format of (domain, dimension).
22. This way the reach from first point to the second point may be taken as a reach through the gap space and

bridged by the connecting line and thereby would emerge a format of an interval.

23. One may further have a pause here and take note that a step towards East and a step ahead of East, in the context of ( Sun, Pole Star) as a pair of points shall be bringing us face to face with the challenge of covering the gap space of Sun and Pole Star.
24. One shall sit comfortably and permit the transcending mind to glimpse all these features of a reach from first letter to the second letter of the text of Ganita Sutra 1 .
25. It would be a blissful exercise to reach from the pair (1,2) to (1,2,3).
26. Still further it would be a very blissful exercise to reach from the pair (1,2) to (1,3) and also to the pair (2,3) as well as to the pairs of opposite orientation namely ( 3,2), (3,1) and (2,1).
27. One shall have a pause here and permit the transcending mind to glimpse the extension of the above formats of pair of placement ( 1,2) to the pair of placements ( 0,1).

This way it would be a blissful exercise to have extension of the counting numbers to the set of whole numbers and ahead to the set of integers, rational, real, complex, transcendental numbers.



## Lesson 12 Sanskrit Words formulations.

1. Vedic and Sanskrit literature avail Devnagri .
2. Vedic Mathematics Science & Technology approaches Devnagri alphabet words formulations as Mathematical formulation.
3. Each letter of Devnagri alphabet accepts transcendental code value.
4. Transcendental code values of individual Devnagri alphabet letters are of range 1 to 16.
5. One may have a pause here and take note that a text of Ganita Sutra 1 is a composition of precisely sixteen letters.
6. The transcendental code value for the formulation Om is 16.
7. The Number 16 permits reorganization as  $16 = 4 \times 4 = 2 \times 2 \times 2 \times 2$
8. Further, 4 x 4 matrix format organizes 4 consecutive fourfold manifestation layers as four rows, as well as as four columns.
9. 5 x5 grid zones permit transcendence at centres of the grid zone and get organized as 4 x 4 grid zones.
10. One may have a pause here and take note that the transcendence is a twofold phenomenon parallel to pair of faces of the surface.
11. Further it also would be relevant to take note that the formulation “Ek” accepts transcendental code value as 8 which is half of 16.
12. One shall sit comfortably and permit the transcending mind to glimpse all these features of Devnagri alphabets.
13. It would be blissful exercise to chase 9 vowels range of values 1 to 9 respectively.
14. Still further it also would be blissful to chase 5 x 5 varga consonants of 5 x 5 matrix of 5 consecutive

- transcendental ranges as its 5 rows, as well as its 5 columns.
15. Still further it would be blissful to chase 4 Anthstha letters as of values quadruple 1,3,5,7.
  16. Still further 4 Ushma letters may be chased as quadruple values ( 2,3,6,9).
  17. 8 Yama letters permit chase as values range ( 9 to 16) respectively.
  18. The transcendental code value of Devnagri alphabet letter making composition of the Word.
  19. The feature of transcendental code value is that these as per the unison of Sankhya Nishta and Yoga Nishta simultaneously brings in to matrix format parallel to numbers value of the individual alphabet letters.
  20. With it the mathematics of Devnagri alphabet letters Words formulation becomes of the features of parallel availability of artifices of numbers and parallel to them their being dimensional frames..
  21. It is because of it that Vedic and Sanskrit Disciplines of Mathematics are full of potentialities .
  22. The simultaneous working with artifices of numbers and with dimensional frames is the unique attainment of Vedic systems.
  23. It is because of this unique feature that Vedic systems are successful to organize fold range of knowledge in terms of single alphabet.
  24. The success of Vedic system further has been there because of the individual alphabet letter acquiring distinct sound frequencies with the potentialities to transit and transform in to light frequency .

This way Vedic and Sanskrit Mathematics with its geometric format, numbers value, sound frequencies and light frequencies go parallel to universal organization of our Solar Universe as per the Sunlight.

### **Lesson 13** Make your own Dictionary

1. TCV dictionary helps to reach at the Mathematical values of the Devnagri Words formulation.
2. TCV values are in the form of numbers values
3. Parallel to numbers values, one can reach at parallel Geomatic formats .
4. The availability of Geomatic formats help us approach in terms of Sathapatya Measuring Rod .
5. The Sathapatya Measuring Rod helps reach the organizational formats in terms of Riks, Yajus, Sama and Atharvas.
6. With it one can reach the Vedic Samhitas and other Vedic and Sanskrit literature .
7. One shall be once own TCV dictionary, the entries of one's TCV Dictionary would be the index of one's knowledge of basic values of the Discipline of VMS&T.
8. One shall continue up to dating one's Dictionary.
9. One shall attempt to include basic technical terms in one's Dictionary.
10. There are groups of technical terms like Shastranam Stotrams.
11. Vishnu Shastraname Stotram is discription of 1000 names of Lord Vishnu.
12. These are 1000 formulations of values of real 6 space.
13. One shall reach at TCV values of these 1000 Mathematical formulations of real 6 space.
14. Shiv Shastraname Stotram is discription of 1000 names of Lord Shiv.
15. These are 1000 formulations of values of real 5 space.
16. One shall reach at TCV values of these 1000 Mathematical formulations of real 5 space.
17. This way one can take up different Shastraname Stotram as well .

18. Further one can take up individual scriptures and tabulate its technical terms alongwith their TCV values.
19. One can start with Vedic Samhitas.
20. There are four Vedas namely Rig Ved, Yajur Ved, Sam Ved and Athrav Ved.
21. Rig Ved has 21 branches.
22. Yajur Ved has 101 branches.
23. Sam Ved has 1000 branches.
24. Athrav Ved has 9 branches .
25. Each Vedic branch has a distinct Samhitas.
26. Sakala Rig Ved Samhitas is the basic source reservoir of Vedic knowledge.
27. One shall reach at the technical terms along with TCV values of Sakala Rig Ved Samhitas..
28. One shall also attempt to reach at the parallel Geomatic formats of the Words formulations.
29. It would be a blissful exercise to up to date one's TCV values Dictionary.
30. The volume of one's TCV values Dictionary would be the index of one's knowledge of the values of the Discipline of VMS&T.
31. One shall attempt classifications of the values of VMS&T space-wise.
32. 3,4,5, 6 & 7 are basic range of 5 spaces whose knowledge will help have a deep insight and enlightenment of the Discipline of VMS&T.
33. As such one shall distinctively tabulate the values of 3 space.
34. Likewise one shall distinctively tabulate the values of 4,5,6 & 7 spaces as well.
35. Each of these 5 spaces namely 3,4,5,6 & 7 spaces are of different dimensional order and accordingly they have their distinct values of Mathematics, Sciences and Technologies.

36. One shall sequentially reach at the values of Mathematics, Sciences and Technologies of 3 space.
37. Likewise one shall distinctively reach at the values of Mathematics, Sciences and Technologies of 4 space.
38. A step ahead one shall reach at the distinct values of Mathematics, Sciences and Technologies of 5 space.
39. A step ahead one shall reach at the distinct values of Mathematics, Sciences and Technologies of 6 space.
40. Further a step ahead, one shall reach at the distinct values of Mathematics, Sciences and Technologies of 7 space.
41. 7 space is designated as Unity State.
42. It is parallel to the State of Polestar.
43. 6 space is a self referral state values of Sun.
44. 5 space is the transcendental value space.
45. 4 space is the creator's space.
46. 4,5 & 6 spaces are together designated as presided by Trimurti namely Lord Brahma, Lord Shiv and Lord Vishnu.
47. 3 space has 3 spaces set up namely 1,2, & 3 spaces is designated as Triloki.
48. VMS&T chases existence phenomenon of our Solar Universe as Triloki as Trimurty.
49. Students of Vedic Mathematics, Science and Technology shall urge to know more and more about our existence phenomenon with in Solar Universe.
50. The discipline of existence phenomenon of our Solar Universe deserves to be included as a main stream discipline of school education.
51. This discipline may be sequentially changed as 3 space VMS&T, 4 space VMS&T, 5 space VMS&T and 6 space VMS&T.
52. This as such may be taken as 4 years school education from 8<sup>th</sup> Standard to 12<sup>th</sup> Standard of school years.

53. The chase of the values of these disciplines can be had along the formats of cube/hyper cube 3 as a representative regular body of 3 space, hyper cube 4 as representative regular body of 4 space, hyper cube 5 as a representative regular body of 5 space and hyper cube 6 as a representative regular body of 6 space.
54. 3,4,5 & 6 space VMS&T is an exercise, which shall be undertaken by the scholars.
55. Distinct VMS&T Dictionaries of 3,4,5 & 6 space formulations would be of great help to the students of VMS&T.
56. Scholars shall standardize these VMS&T Dictionaries. One shall perfect one's own TCV Dictionaries of 3,4,5 & 6 spaces respectively.

## Lesson 14 Triloki and Trimurti

1. Triloki may permit its chase as linear, spatial and solid orders.
2. Trimurti may permit chase as creative, transcendental and self referral order.
3. Linear ( one space as dimension) spatial ( two space as dimension) and solid ( three space as dimension) shall be leading to manifestations of hyper cubes 3,4 &5 respectively.
4. Creative order ( 4 space as dimension shall be leading to manifestation of hyper cube 6.
5. Transcendental order ( 5 space as dimension ) shall be leading to manifestation of hyper cube 7.
6. Self referral order ( 6 space as dimension) shall be leading to the format of Asta Prakarti/hyper cube 8.
7. Linear order as a four fold manifestation layer ( 1,2,3,4), spatial order as four fold manifestation layer ( 2,3,4,5), solid order as four fold manifestation layer ( 3,4,5,6) and creative order as four fold manifestation layer ( 4,5,6,7) together lead to re-manifested four fold manifestation layer with its each fold itself being a four fold manifestation layer.
8. One shall have a pause here and take note that the expression format 4x4 matrix shall be giving us glimpse of different features of this organization marking their presence as under:-

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

9. This may be the features format of Triloki with in Creator's space ( 4 space) .

10. This re-manifestation format with in creator's space is of the features of hyper

cube 3 marking its presence in the role of pair of dimensions and thereby having a reach upto transcendental origin of Creator's space ( 4 space) .

11. This attainment is of the order of Divya Vastu with in Brahmapur of Dehar Akash.

12. Further the Trimurti re-manifests itself with in creator's space ( 4 space) permitting expression for its organization as of 4 x 4 matrix format as under:-

4	5	6	7
5	6	7	8
6	7	8	9
7	8	9	10

13. It would be a blissful exercise to chase the above pair of re-manifested format of Triloki and Trimurti with in Creator's space ( 4 space), come for a reach to Divya Vastu and for Divya Vastu of self referral state.
14. It would be a blissful exercise to glimpse the re-manifestation process with in Creator's space.
15. Further it would be a very blissful phenomenon to glimpse the transcendence as origin of Creator's space resulting into transition and transformation of transcendental original as Divya Vastu into self referral Divya Vastu as the base fold of the origin fold of Creator's space itself.
16. One shall glimpse this phenomenon time and again to have complete comprehension of the same for its full appreciation to have thorough imbibing of the value and virtue thereof.



17. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sittings of trans to have deep inside and enlightenment .
18. One may have a pause here and take note that the transcendence at origin of Creator's space ( 4 space) is the phenomenon of transcendental career permitting ride for the Divya Vastu ( 5 space content) and its reach in self referral domain ( 6 space) and Divya Vastu ( 5 space content) acquiring self referral state along 6 space base.
19. One may further have a pause here and take note that this is the phenomenon of transcendental carrier of Sunlight.
20. One may further have a pause here and take note that this phenomenon is prevading our Solar Universe.
21. The urge of the Sadhkas ( Students) of VMS&T shall be to comprehend and appreciate and to imbibe the values and virtues of this phenomenon of transcendental carrier of Sun light.
22. One may further have a pause here and to take note that Vedic systems chase and work out this phenomenon of transcendental carrier of Sun light .
23. One may further have a pause here and take note that this is the phenomenon of values and virtues of Vedas lively with in the rays of the Sun.
24. One may further have a pause and take note that the Vedic Samhatas are the manifested forms of the transcendental values and virtues of Vedas lively in the rays of the Sun.

One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sittings of trans and to glimpse this phenomenon of transcendental values and virtues of Vedas lively in rays of the Sun manifesting as Vedic Samhatas.

**Lesson 15** Transcendental Self Referral State

1. Self Referral State is a 6 steps long range .
2. Let this range as expression as a set of 6 points .
3. 6 points cover 5 linear units .
4. 5 linear units are parallel to a transcendental, range which is five steps long range.
5. 5 linear units cover 4 spatial zones/surfaces, which is parallel to creative ( manifested range of four folds.
6. 4 surfaces cover 3 solid domains .
7. 3 solid domains as 3 solid dimensions synthesize synthetic value 6, and with it there is a reach back to a self referral range.
8. One may have a pause here and take note that the above four fold steps of 6 points , 5 linear units , 4 surfaces and 3 solids as an organization deserves to be chased for its full comprehension and complete appreciation for imbibing its values and virtues.
9. The above organization brings us face to face with four sequential steps parallel to four pairs of values , namely ( 6,0),(5,1),(4,2) and (3,3) .
10. One may have a pause here that the numbers pair values ( 6,0) is parallel to 6 points, with points as bodies of 0 space.
11. Likewise numbers pairs values ( 5,1) is parallel to 5 linear units with linear units as bodies of 1 space, 4,2 being parallel to 4 surfaces with surfaces being bodies of 2 space, and 3,3 as three solids with solids as bodies of 3 space.
12. One may have a pause here and take note that summation value in respect of above 4 number pairs comes to be  $6+0=5+1=4+2=3+3=6$ .
13. The Self Referral range of geometric format is a six step long range of 6 consecutive space ( contents).

14. One such range is (1 space, 2 space, 3 space, 4 space, 5 space, 6 space).
15. Parallel values range is (1,2,3,4,5,6).
16. This SelfReferral range permits split as a pair of transcendental ranges, namely, (1,2,3,4,5) and (2,3,4,5,6).
17. Each transcendental range permits split into a pair of creative /four fold manifestation layer.
18. The transcendental range (1,2,3,4,5) permits split as (1,2,3,4) and (2,3,4,5).
19. The another transcendental range (2,3,4,5,6) permits split into a pair of creative layers (2,3,4,5) and (3,4,5,6).
20. This way the Self Referral layer (1,2,3,4,5,6) leads to quadruple creative layers namely (1,2,3,4), (2,3,4,5), (2,3,4,5) and (3,4,5,6).
21. One may have a pause here and take note that the middle pair of creative layers are of equal values folds.
22. One may have a pause here and take note that interval accepts four states namely No.1 interval with both end points: No.2 interval with only 1 end point, as the first end point No.3; interval with one end point, the second end point and No.4 interval with both end points.
23. One may have a pause here and take note that the above four states of an interval and above split of a Self Referral range in to quadruple creative layers have the parallel features as much as that the middle pair of interval are of same format as that in both cases only one end point is intact.
24. One may further have a pause here and take note that the square with end point A,B,C,D, as a surface enclosed with a linear boundary of four boundary lines (components) is a synthetic set up as much as that it is a set of quadruple intervals with first interval (boundary line) AB is with its both end point intact.

25. The second boundary component leading from B upto C is an interval with only one end point namely C is intact.
26. The third boundary component which leads from C to D is an interval which is of the format of an interval with only one end point namely D is intact.
27. The fourth boundary component which leads from D to A is an open interval as much as that in its case both of its end points namely D and A are not part of this set up.
28. One may further have a pause here and take note that above features deserve to be comprehended well and be thoroughly appreciated for its complete imbibing to have deep insight and enlightenment about the organizational features of the organizational format of transcendental Self Referral state.
29. One may further have a pause here and take note that the geometric frame of cube permit its chase as the volume sustained by a pair of surfaces.
30. Pair of surfaces permit their sustenance in terms of triple lines.
31. Still further triple lines permit their exhaustive coverage in terms of quadruple points.
32. One shall sit comfortably and permit transcending mind to glimpse above organization of the geometric frame of cube.
33. One may further have a pause here and take note that volume as single solid dimension is of value "3".
34. The pair of surfaces as a pair of spatial dimension shall be leading to dimensional synthesis value "4".
35. One may further have a pause here and take note that 4 space plays the role of origin of 3 space.
36. Still further it also would be relevant to take note that the set of triple lines as triple linear axis shall be synthesising dimensional value '6'.

37. One may have a pause here and take note that the 4 space plays the role of dimension of 6 space.
38. Set up quadruple points as 0 space bodies, in the role of dimension shall be synthesing dimensional synthesis value 12 which is parallel to transcendental boundary of 12 components of 6 space.

One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of trans and be face to face with the above features of transcendental Self Referral state.

### Lesson 16 Hyper Cube-6

1. 6 space content manifests as domain fold of Hyper Cube-6 with in Creator's space( 4 space).
2. Creator's space provides a manifestation format of features of Idol of Lord Brahma, Creator of Supreme.
3. Four folds of Hyper Cube are dimension fold, boundary fold, domain fold and origin fold.
4. These four folds are of the format of manifested domain fold of respective dimensional space contents but are in different respective roles as dimension, boundary, domain and origin.
5. The further feature of this manifestation is that four consecutive dimensional space contents manifest simultaneously as dimensional fold, boundary fold, domain fold and origin fold.
6. The domain fold as manifested domain of a specific dimensional space content and the same remains in the role of domain, and as such it is of specific feature and because of it the hyper cube is taken as representative regular body of the dimensional space whose content manifests as the domain fold.
7. In general hyper cube as four fold set up is designated as a four fold manifestation layer and same is represented and expressed as (  $N-2$ ,  $N-1, N, N+1$  being hyper cube  $N$ ).
8. Hyper cube 6 is a four fold manifestation layer (4,5,6,7)/ four space as dimensional fold, 5 space as boundary fold, 6 space as domain fold, 7 space as origin fold.
9. To be specific 4 space content manifests as domain fold of hyper cube 4 and same plays a role of dimension fold of hyper cube 6.
10. 5 space content manifests as domain fold and same plays a role of boundary fold of hyper cube 6.

11. 6 space content manifests as domain fold and same plays the role of domain fold of hyper cube 6.
12. 7 space content manifests as domain fold and plays the role of origin fold of hyper cube 6.
13. One may have a pause here and take note that as dimension fold of hyper cube 6 is 4 space content, as such it has all the features of 4 space ( content )while playing the role of dimensional fold of hyper cube 6 .
14. This feature brings to focus that 2 space ( content) plays the role of dimension of 4 space .
15. Accordingly 6 space domain /6 space content leads to transcendence triple ( 6,4,2, )/(6 space as domain, 4 space as dimension, 2 space as dimension of dimension).
16. Further 4 space being the Creator's space , as such dimensions of 6 space are creative dimensions.
17. 6 creative dimensions constitute a dimensional frame of 6 space.
18. As such, 6 space content manifests as domain and accepts a creative dimensional frame of 6 dimensions.
19. With it, the point of 6 space domain accepts fixation in terms of 6 creative dimensional order coordinates.
20. As creative dimension is of spatial dimensional order ( 2 space plays the role of dimension of 4 space, as such fixation in terms of 6 creative coordinates will be of value equivalent to  $6 \times 4 \times 2 = 48$ .
21. 5 space( content) plays the role of boundary of hyper cube 6.
22. This transcendental boundary ( 5 space in the role of boundary of 6 space) is of 12 components.
23. Further as 5 space is a solid order space and solid order space is a linear order space as such the transcendental triple ( 5,3,1) leads to fixation of point of transcendental boundary in terms of solid dimensional frame of 5 space requires 5 solid coordinates of value  $5 \times 3 \times 1$ .

24. One may have a pause here and take note that 6 space domain accepts a pair of frames, firstly as creative dimensional frame and secondly as of a transcendental boundary.
25. One may further have a pause here and take note that 6 space as domain and 5 space as boundary simultaneously accept transcendence with in their respective domains because of the transcendence features of transcendence triple ( 6,4,2) and ( 5,3,1) respectively .
26. The origin fold of hyper cube 6 is of unity state content of 7 space.
27. 7 space accepts transcendental dimensional order ( 5 space in the role of dimension of 7 space.
28. The transcendence at the unity state origin takes to Ashta Prakarti format ( 8 space) at basefold of unity state origin.
29. One shall sit comfortably and permit the transcending mind to glimpse these features of different folds of hyper cube 6 .
30. It would be blissful to permit the transcending mind to continuously remain in prolonged sitting of Trans to glimpse and to imbibe the values of hyper cube 6.
31. One may further have a pause here and take note that 6 space as domain accepts a Sathapatya Measuring Rod synthesized by hyper cubes 1 to 6 .
32. With it 6 space domain brings us face to face with its further features of whole range of the formats of hyper cubes 1 to 6 as the formats along which the 6 space content shall be sequentially manifesting itself .
33. It would be a blissful exercise to chase 6 space points organizing themselves as along the format of Domain fold of hyper cubes 1,2,3,4,5 & 6 respectively.
34. It would further be a very blissful exercise to glimpse the manifestation of hyper cube 6 with in hyper cube 6 .



**35.** It is this feature of manifestation of hyper cube 6 with in hyper cube 6 which deserves to be chased for its full comprehension and complete appreciation.

One shall sit comfortably and permit the transcending mind to glimpse the phenomenon of hyper cube 6 manifesting with in hyper cube 6.

**Lesson 17****SPATIAL DIMENSION OF DIMENSION**

1. 2 space plays the role of dimension of dimension of 6 space.
2. 6 space is a creative order space ( 4 space plays the role of dimension of 6 space and 4 space itself is of a spatial order as that 2 space plays the role of dimension of 4 space).
3. The seat of origin of 6 space domain is the seat of dimensional frame of 6 space.
4. The origin of each dimension of the dimensional frame of 6 space as well at the seat of the origin of the dimensional frame itself.
5. The transcendence at the origin of 6 space is of the transcendental order as that 5 space plays the role of dimension of 7 space which is in the role of origin of 6 space.
6. The transcendental flow in the form of transcendental order reaches the spatial order of the dimensional order of 6 space.
7. One may have a pause here and take note that hyper cube 4 is a four fold manifestation layer ( 2,3,4,5) .
8. The transcendental flow with in spatial order, as such becomes a two fold flow for the pair of axis of 2 space.
9. With it the transcendence reach with in 2 space becomes of a range of 11 steps parallel to 11 geometries range of 5 space which further is parallel to 11 versions of hyper cube 5 .
10. This range is of the organization feature of 5 steps long on either side of the central / transcendence origin of 6 space.
11. This as such, becomes of the features of 5 steps long reach from either side to 6 space domain .

12. It becomes of the expression values ( 1,2,3,4,5,6, 5,4,3,2,1).
13. The parallel geometric format features would be of a Sathapatya Measuring Rod in both its orientations.
14. One may have a pause here and take note that :  $1+2+3+4+5+6+5+4+3+2+1= 36 = 6 \times 6$ .
15. One may have a pause here and take note that 6 space domain as Mundane /Micro state as 4 space as subtle/ micro state and 2 space as casual state of existence of 6 space content.
16. Likewise the existence phenomenon at the transcendental boundary shall be of 5 space as Mundane state, 3 space as subtle state and 1 space as casual state.
17. The transcendence expression with in linear dimension of dimension shall be of 9 steps long range of values ( 1,2,3,4,5,4,3,2,1). With the summation value  $1+2+3+4+5+4+3+2+1= 25= 5 \times 5$ .
18. One may have a pause here and take note that boundary component range is (2,4,6,8,10, 12).
19. One may further have a pause here and take note that range of boundary fixation coordinates is ( 1x2,2x4,3x6, 4x8, 5x10, 6x12)/(2,8,18,32,50,72).
20. These organization features of the transcendence ranges with in spatial dimension of dimension of 6 space shall be providing us in sight about the VMS&T systems of the format of 6 space domain.
21. One shall sit comfortably and permit the transcending mind to glimpse these features .
22. One shall glimpse these features time and again to fully comprehend them for their complete appreciation and imbibing thereof.
23. The complete imbibing of the features of above organization values at dimension of dimension level of 6 space domain shall be providing us deep in sight and

enlightenment about the format of 6 space domain and its VMS&T system.

24. Mathematics, Science and Technology systems of 6 space domain shall be bringing us face to face with the values and virtues of Mathematics, Sciences & Technologies of 6 space and 6 space content.
25. One may further have a pause here and take note that the transcendence triple ( 2,0,-2) in respect of 2 space domain shall be further providing us in sight as to how the quadruple values ( 6,4,2,0) at its next step lead us to (6,4,2,0,-2) which amounts to reversal of orientation whereby there would be a reach from first face of the surface ( +2 space) to the opposite face of the surface( - 2 space).
26. One may further have a pause here and take note that the pair of surfaces cover unit solid.
27. One may have a pause here and take note that it shall be amounting to transition and transformation from the spatial order to the solid order.
28. It shall be amounting to the upward transcendence along the Sathapatya Measuring Rod from within the 6 space domain, and it as such shall be of the value  $6(1+2+3+4+5+6+5+4+3+2+1)=6 \times 36=6 \times 6 \times 6$ .
29. One may further have a pause here and take note the summation value of all the values of 6 rows and 6 columns set up of 6x6 matrix of consecutive 6 self referral ranges, as under: comes to be  $216= 6 \times 6 \times 6$ .

1	2	3	4	5	6
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Summation value 21

2	3	4	5	6	7
---	---	---	---	---	---

Summation value 27

3	4	5	6	7	8
---	---	---	---	---	---

Summation value 33

4	5	6	7	8	9
---	---	---	---	---	---

Summation value 39

5 6 7 8 9  
10 Summation value 45

6 7 8 9 10  
11 Summation value 51

Grand summation value

$$21+27+33+39+45+51=216=6 \times 6 \times 6$$

### Lesson 18 SEVEN STREAMS SPLIT

1. Divya Ganga flow concept is of the features that from a structured point, as manifested domain, there emerges seven stream flow.
2. Structured point as a manifested domain is like the point of a domain fold of hyper cube.
3. Conceptually it is approach to the point of a domain fold as a structured point that is a point full of structures of the space content manifesting as a domain fold , third fold of the hyper cube.
4. Hyper cube is a four fold manifestation layer of dimension fold, boundary fold, domain fold and origin fold. Hyper cube 3 is a four fold manifestation layer, (1,2,3,4) a linear order set up of spatial boundary, solid domain and creative origin.
5. Cube/hyper cube 3 is of seven version parallel to seven geometry range of 3 space.
6. Seven geometries of 3 space accept organization as 3 negative (signature) geometries, 3 positive (signature) geometries and central zero signature geometry.
7. This gives a split for 3 geometries on either side of the central geometry.
8. One may have a pause here and take note that 3 space as solid dimensional order leads to 6 space as origin fold of hyper cube 5..
9. One may have a further pause here and take note that 6 space accepts 7 non-negative geometries.
10. One may further have a pause here and take note that 7 space plays the role of origin of 6 space.
11. The transcendence at origin of 6 space, as such is of 7 streams parallel to 7 dimensions of 7 dimensional frame.

12. One may further have a pause here and take note that each of the 7 dimensions is a transcendental dimension ( 5 space ) in the role of dimension.
13. One may further have a pause here and take note that 5 space is a solid order space and as such the transcendence triple ( 7,5,3) takes us to 3 space as dimension of dimension of 7 space.
14. One may further have a pause here and take note that 3 space accepts 7 geometries range.
15. It is this phase and stage of transcendence at origin of 6 space reaching upto solid dimension of dimension, which permits split as 3 geometries as 3 streams on either side of the central zero signature geometry.
16. One shall have a pause here and take note that, it is this feature of split of 7 streams as a pair of triple stream on the either side of the central stream which deserve to be comprehended well for its thorough appreciation and for imbibing of its values.
17. This format of split of 7 streams flow as of triple stream either side of the centre stream, which deserve to be chased and comprehended in the context of transcendence triple ( 6,4,2) which extends at next step as quadruple ( 6,4,2,0) and then ahead as ( 6,4,2,0,-2,-4,-6).
18. One may have a pause here and take note that the reversal of orientation on the other side of the middle/central stream, as such shall be leading us to ( 6,4,2,0,2,4,6).
19. One may have a pause here and take note that this 7 steps long value range ( 6,4,2,0,2,4,6) is parallel to the transcendental code values range of first 7 letters of the text of Ganitra Sutra 1 ,
20. One shall have a pause here and permit the transcending mind to glimpse this transcendental code values range of the letters of the text of Ganita Sutra 1

and to comprehend and appreciate its values and virtues.

21. It would be a blissful exercise to visit and re-visit the text of Ganita Sutra 1 and to sequentially chase this text parallel to the sequential transcendental code values of the sequentially placed letters of the text of Ganita Sutra 1.
22. It would be blissful to glimpse that transcendental code values range of the text of Ganita Sutra 1 and to appreciate its organization format being of the features of the transcendence arrangement along the spatial dimension of dimension of 6 space.
23. One may have a pause here and take note that the eighth letter of the text of Ganita Sutra 1 is of the transcendental code value 8 which is immediate sequential value a step ahead of the values range 0,2,4,6 leading to 0,2,4,6,8.
24. One may further have a pause here and take note that the text of Ganita Sutra 1 is a composition of two words formulations of nine and seven letters respectively.
25. One may note that (9 geometries) are of 4 space, while 7 geometries are of 3 space.
26. One may further have a pause here and take note that 4 space plays the role of dimension of 6 space while 3 space plays the role of dimension of 5 space.
27. One may further have a pause here and take note that first letter of the first word of the text of Ganita Sutra is the sixth vowel accepting 6 as transcendental code value, which is of geometric format of 6 space while the first letter of the second word of the text of Ganita Sutra 1 is the first Verga consonant of the fifth row of Verga consonant and is of transcendental code value 5, which accepts geometric format of 5 space.

One shall sit comfortably and permit the transcending mind to glimpse the above feature of the text of Ganita Sutra 1 and of



Hyper cube 6 format, which accepts 6 space as domain fold and 5 space as boundary fold.

### Lesson 19 COMPACTIFIED ORIGINS

1. One of the basic concepts of VMS&T is of “ Compactified Origins”
2. The transcendence at the origin sequentially takes to the compactified origins.
3. As a first step, transcendence take from origin fold to the base fold .
4. It amounts to transition and transformation from four fold manifestation format to five fold transcendental base.
5. A step ahead a reach is from five fold transcendental range base to six steps long range of self referral format sustaining the transcendental base.
6. Self referral format to unity state to Asth Prakarti to Nau Braham and beyond that Par Braham of the sequential attainments of transcendence at the origin fold.
7. This transcendence system is of the reach of transcendence step from origin fold a fourth fold of the manifestation layer to the Par Braham domain .
8. One way to view this system is of the range of reach from 4 space to 10 space.
9. One may have a pause here and take note that  $4=1+1+1+1$  and  $10=1+2+3+4$  will give us in sight of reach of this transcendence phenomenon beginning with four fold affine of equal value to the four fold state of sequential values.
10. One may have a pause here and take note that the initial of affine state is of a set up of a dimensional frame of equal value dimension, while the final attainment state is of sequential synthetic values of the dimensional orders.
11. The enlightenment preserved as the home of Vidhyathare and Brahma with in the Shilla is of the

resistence of creative origin of 3 space as origin seat/fold of solids/hyper cube 3 .

12. The enlightenment preserved as Lord Brahman meditating with in cavity of his own heart upon transcendental Lord Shiv and multiplying as 10 Brahmas. Brings us face to face with the phenomenon of transcendence at the transcendental organ of Creator's space and there being the manifestation of Creative boundary of 10 components for the transcendental domain.
13. One may have a pause here and permit the transcending mind to glimpse the phenomenon of manifestation along the format of idol of Lord Brahma and a step ahead for transition and transformation from four fold manifestation format to five fold transcendence range .
14. One shall further have a pause here and permit the transcending mind to chase transition from the format of hyper cube 3 to hyper cube 4, and step ahead from the format of hyper cube 4 to hyper cube 5.
15. One shall further have a pause and permit the transcending mind to glimpse the existence of real 4,5 and higher spaces.
16. One shall further have a pause and glimpse the reality of resistence of higher spaces with in lower dimensional domains .
17. One shall further have a pause and permit the transcending mind to glimpse the phenomenon of transcendence at the origin fold to transcendental base to self referral format to unity state to Asth Prakarti to Nau Braham to Par Braham.
18. It would be a very blissful exercise to comprehend the reality of the phenomenon of compactified origin and the transcendence phenomenon of their sequential unfolding and attainments.

19. It would be very blissful exercise to sequentially work out VMS&T systems in the sequential order of the dimensional order.
20. It would further be a very blissful exercise to sequentially change the transcending phenomenon of reach from domain to dimension to dimension of dimension for each dimensional order set up being attained during the transcendence process.
21. It would further be a very blissful exercise to sequentially chase and arrange the transcendence process along the format of Sathapatya Measuring Rod .
22. Still further it would be very blissful exercise to chase the existence of hyper cube format with in the domain fold of hyper cubes.
23. Still further it would be a very blissful exercise to chase the transcendence phenomenon at the origin fold of inner hyper cube manifesting with in the domain fold of hyper cube of same dimensional order.
24. One shall sit comfortably and permit the transcending mind to visit and re-visit the transcendence phenomenon at the origin fold of the inner hyper cube manifesting with in the domain fold of the hyper cube of higher dimensional order.
25. One shall tabulate the features of this phenomenon glimpsed by the Sadhkas ( Students) .
26. One shall visit and re-visit the above phenomenon and attempt to up to date the tabulation of the features of the phenomenon.
27. It would be blissful for the Sadhkas to share one's glimpsing and comprehension of the transcendence phenomenon as stand tabulated by the Sadhka with the other Sadhka, as well as the senior Sadhkas.

It would further be very blissful for the Sadhkas to up to date one's tabulation of the transcendence phenomenon in the light of the

experiences of glimpsing of the phenomenon by the fellow  
Sadhkas as well as by the Senior Sadhkas.

**Lesson 20** TRANSCEND HALF AT ORIGIN TO REACH BASE

1. Hyper cube 3 is four fold manifestation layer 1,2,3,4.
2. Hyper cube 3 is a linear order set up which leads up to spatial order origin..
3. The spatial order origin ( 2 space in the role of dimension of origin fold ) as such provides a two dimensional frame of a pair of axis of order (0).
4. With it the transcendence at origin, as such would be a flow of a pair of streams along the pair of axis of the two dimensional frame of spatial order of the origin fold.
5. With it the linear sequential step to reach from fourth fold to fifth fold would be to follow one of the pair of streams.
6. This linear sequential arrangement is of the format and feature of transcending half at the origin.
7. One may have a pause here and take note that as the chase is going to be only one of the pair of axis , as such it amounts to transcending half as 1 is half of 2.
8. One shall sit comfortably and permit the transcending mind to the face to face with this phenomenon of transcending half at the origin and one shall glimpse its features for their full imbibing to have complete deep in sight and enlightenment about this processing system of VMS&T.
9. One may further have a pause here and take note that as per the role of Ganita Sutra 1 of sequential progression of “ one more than before”, the transcendence at the original of hyper cube 4 which is a four fold manifestation layer ( 2,3,4,5) and as the transcendental origin ( 5 space as origin) is of a solid order, which accepts a 3 dimensional frame and the sequential chase is to be only towards one of the three axis to have a reach from spatial order to solid order, as such the

transcendence here as well would be of single stream along one of three axis of the solid order of 5 space as origin.

10. The role of Ganita Sutra 1 “ one more than before”, together with role of Ganita Sutra 1/proportionately/symmetry /following the form as it is, one shall be having complete coverage of linear sequential order which shall be taken us sequentially a linear order to spatial order to solid order to creative order and so on by having sequential transcendence at the origin fold by chasing only one of the streams along one of the axis of the dimensional order of the origin fold (S).
11. One shall have a pause here and take note that the transcendence triple ( 6,4,2) of self referral domain ( 6 space) and the next step shall be leading us to quadruple ( 6,4,2,0) .
12. One may further have a pause here and take note that 2 space accepts 0 space as its dimension and pair of dimensions of 0 space as dimension constitute the dimensional frame of 2 space
13. One shall further have a pause here that the quadruple ( 6,4,2,0) shall be taking us to ( 6,4, 2,0,-2).
14. One may further have a pause here and take note that the pair (2,-2) is a reflection pair .
15. It is parallel to the format of a pair of faces of a surface.
16. Further, it would be parallel to note that the sequential ordering shall be taking us to a pair of surfaces covering one solid .
17. It would further be relevant to note that the pair of dimensions of 0 order, as a pair of 0 space bodies shall be constituting a pair of boundary components of an interval ( Hyper cube 1), which is of a negative linear dimensional order.

18. One shall have a pause here and permit the transcending mind to glimpse all these features happening at 0 space as dimensional order .
19. Let us recapitulate that it is the fourth sequential step of quadruple ( 6,4,2,0).
20. Let us have a pause and take note that  $4= 2+2=2 \times 2=(-2) \times (-2)$ .
21. Further as that  $0=0+0=(-0)+(-0)= (-0) \times (-0)$ .
22. Further as that 6 space accepts a range of 7 non-negative geometries .
23. Here it would also be relevant to take note that 6 space also accepts 7 non-positive geometries.
24. Further as that 3 space accepts 7 geometries range .
25. Further as that the organization along 4x4 metrix format of different roles of 4 space shall be taking us to a range of one space to 7 space , of which the roles availing values (1,2,3,4) and columns availing values ( 4,5,6,7)
26. It is this dual participation of “ 4”, which deserves to be comprehended well .
27. One may further have a pause here and take note that TCV code value range of the text of Ganita Sutra 1 , for its first 4 letters is ( 6,4,2,7).
28. Further it also would be relevant to take note that the script form of fourth letter of the text of Ganita Sutra 1, namely ‘DHA’ is a split for the letter ‘VA’ and the joint coordinating two parts along the diagonal placement, the fourth direction format.
29. Further it also would be relevant to take note that hyper circle increase upto hyper circle 1 to 7 and hyper circle 8 onwards is to be a decrease.
30. Further that all the 8 corner points of cube get linearly sequenced in terms of 7 edges.

One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of Trans and to glimpse



this organization for quadruple ( 6,4,2,0) of 6 space domain  
transiting and transforming into ( 6,4,2,7) for the text of  
Ganita Sutra 1 .

### Lesson 21 PARAVARTYA YOJAYET

1. Ganita Sutra 4 reads as ‘ Paravarttha Yojayet.
2. Simple English rendering is “ Transpose” and unite.
3. This working rule brings in to reflection operation .
4. One may have a pause here and take note that “- /Subtraction operation is a particular case of reflection operation.
5. One may have a pause here and take note that the text of Ganita Sutra 4 is the composition of 17 letters while the text of Ganita Sutra 1 avails 16 letters for its composition.
6. Further while the text of Ganita Sutra 1 is a composition of two words composition, the text of Ganita Sutra 4 as well is a composition of two words .
7. Two words of Ganita Sutra 1 avail ( 9,7) letters arrangements, while two words of text of Ganita Sutra 4 avail ( 10, 7) letters.
8. One may further have a pause here and take note that numbers pair ( 16,17) is parallel to 16 linear units being the coverage of 17 points .
9. Further as that linear units are of higher dimension than that of points units.
10. The numbers pair ( 9,7) is parallel to the format ( domain fold, dimension fold).
11. The numbers pair ( 10, 7) is parallel to the format of origin fold, dimension fold.
12. One may further have a pause here and take note that  $4 = 2+2= 2 \times 2$ , while  $1 + 1 = 2$  and  $1 \times 1 = 1$  .
13. One shall sit comfortably and permit the transcending mind to glimpse all these features to comprehend the values of “Transpose and Unite”.
14. One may have a pause here and take note that  $1 - (-1) = 0$ .

15. One may further have a pause here and take note that ( 1,-1) is of format parallel to ( 1 space as domain, -1 space as dimension).
16. Further the numbers triple ( 1,0,-1) is parallel to the format ( 1 space as domain, 0 space as boundary, -1 space as dimension).
17. One shall sit comfortably and permit the transcending mind to glimpse above features and to imbibe their values to comprehend and appreciate the reflection operation, in the context of reversal of orientation along line/interval , which amounts to shifting from domain fold to dimension fold .
18. One may have a pause here and take note that the Arithmetic equation  $1 + (-1) = 0$  presumes the existence along the same domain format.
19. One may further have a pause and take note that while a given set of points is equipped with an operation which helps pairing of the points, then it will make a difference if the paired pair of points is a member of the start with set up or not.
20. Let us further have a pause here and take note that if the points of the given set are of value 2 each and when the pair of points lead to  $2 + 2 = 4$  for the addition operation and  $2 \times 2 = 4$  for the multiplication operation, both shall be despite being reached at by distinct operation shall be leading to the set of points of value 4 each.
21. One may further have a pause and take note that multiplication is the particular case of ‘ Power’s addition operation.
22. The Power’s addition operation coming in case of  $2^1 \times 2^1$  shall be leading to 4 units along the line of points of values two each and at the same time it shall be leading to 4 units along the surface ( Units).

23. The Mathematics, Science and Technology of 4 space is the Mathematics, Science and Technology of points full of structure of 4 space.
24. The points of 4 space are the content point of 4 space content.
25. The reflection operation accepted by the structured point of 4 space deserves to be chased .
26. This chase shall be bringing us face to face with the simultaneous availability of 2 as 1 and 1 as 2 .
27. One may have a pause here and take note that this shall be leading to ( $\frac{1}{2}$  as a working unit alongwith 1 and 2 as working units.
28. The availability of  $\frac{1}{2}$  as a working unit shall be adding structures which are no more available while working as only in terms of 1 as 1 .
29. One may have a pause here and take note that 1 as 1 space in the role of dimension leads to hyper cube 3 of 7 versions parallel to 7 geometry range of 3 space.
30. On the other hand 2 as 2 space as spatial dimension leads to hyper cube 4 being 4 space domain enveloped with in solid geometry of 8 components.
31. One may have a pause here and take note that while working with linear dimensional order, the upper limit reach is only upto 7 versions of cube, while on the other hand the working with spatial order leads to solid boundary of 8 components and thereby the upper limit reach of linear order stands crossed over .
32. One may have a pause here and take note that hyper circles increase only upto hyper circle 7 and it goes on decreasing from hyper circle 8 onwards, and thereby the modern Mathematics reaches at its upper limit and because of its Axioms and Postulates of linear order, even fail to comprehend as to why there is a decrease for the hyper circle 8 onwards.

33. It is here where shift is to be from linear order to the spatial order and also to the higher order.
34. The Vedic systems are not restricting themselves up till linear order. Rather, Vedic systems are focusing upon spatial order while it accepts 4 space as the Creator's space.
35. With it the Sadhakas ( Students) of VMS&T, at the initial stage itself, perfect their comprehension about the reality of 4 space.
36. One shall sit comfortably and permit the transcending mind to glimpse the existence of real 4 space.
37. Our linear order Arithmetic operation as well would transform by acquiring additional generality features while coming in operation in terms of the spatial order of 4 space.
38. One may have a pause here and take note that the transcendence triple of linear order set up of 3 space domain is ( 3,1,-1) while in case of 4 space domain the transcendence triple is of values ( 4,2,0).
39. One may have a pause here and take note that 3 space as domain leads to 1 space as dimension and -1 space as dimension of dimension, while on the other hand 4 space as domain leads to 2 space as dimension and 0 space as dimension of dimension.
40. One may further have a pause and take note that in case of 3 space domain, there emerges reversal of orientation for one space as dimension at -1 space as dimension of dimension.
41. However, in case of 4 space, the dimension of dimension stage is of 0 order stage.
42. It would be a blissful exercise to permit the transcending mind to glimpse the distinguishing features of 0 order stage as dimension of dimension level of 4 space while the same in case of 3 space is of the format and features of reversal of orientation itself.

43. It would be a blissful exercise for the students of 4 space VMS&T that they shall tabulate the distinguishing features of 4 space VMS&T from that of 3 space VMS&T while focusing upon the distinguishing feature of spatial dimensional order from that of linear dimensional order.
44. In the context it would be relevant to take note that the dimensional frame of 4 space is a set up of 4 spatial dimension while dimensional frame of 3 space is a set up of 3 linear dimension
45. At next stage, one shall tabulate the distinguishing feature of 3 space VMS&T and 4 space VMS&T in reference to spatial boundary of hyper cube 3 and solid boundary of hyper cube 4.
46. Still further one shall tabulate the distinguishing features of 3 space content manifesting as domain fold of hyper cube 3 and 4 space content manifesting as domain fold of hyper cube 4 .
47. Still further one shall tabulate the distinguishing features of 4 space playing the role of origin of 3 space and 5 space playing the role of origin of 4 space.
48. Still further one shall chase the distinguishing feature of transcendence from domain fold to dimension fold to dimension of dimension fold with in 3 space domain and then with in 4 space domain.
49. Further one shall tabulate the distinguishing features of transcendence at the origin fold of hyper cube 3 and transcendence at the origin fold of hyper cube 4 .
50. One shall sit comfortably and to sequentially reach at the working rules of Ganita Sutra 1,2,3,4.
51. A reach from the working rule of Ganita Sutra 1 to the working rule of Ganita Sutra 4 deserves to be chased time and again .
52. It would be a blissful exercise to permit the transcending mind to glimpse the distinguishing

features of Arithmetic operation of linear order 3 space Mathematics from those of spatial order Mathematics of 4 space.

53. It would a very blissful exercise to reach at the features of reflection operation and minus /subtraction operation being a special case of the reflection operation.

Still further it would a very blissful exercise to comprehend the multiplication operation as repeated addition, and also as the power's addition operation.

### Lesson 22 4 SPACE VMS&T

1. 4 Space VMS&T is the discipline of values and virtues of the Universe of 4 space content.
2. 4 Space plays the role of origin of 3 space and as such 4 space content marks its presence as origin fold of hyper cube 3 .
3. The origin fold of hyper cube 3 , in its sealed state is the seat of centre of the cube.
4. The centre of the cube , as such is of dual state .
5. This dual status of state of the centre is there as , centre of the cube is the point of the domain ( volume) of cube , and also at the same time , it is of values and features different them that of any other point of the cube . This distinctive state of the centre is there because of the centre being the seat of 4 space as origin .
6. Therefore, centre of the cube as such is of the format and features of 4 space content in the form of a point content lump of 4 space content.
7. This as such makes centre of the cube as a structured point in sealed state with in 3 space content manifesting as domain fold of hyper cube 3.
8. One may have a pause here and take note that this brings us face to face with the existence of 4 space content as a point at the seat of the centre of the cube enveloped with in 3 space content lump manifesting as domain fold of hyper cube 3.
9. One may have a pause here and permit the transcending mind to glimpse the phenomenon of existence of the Universe of 4 space content points enveloped by 3 space content.
10. The Mathematics, Sciences and Technologies of 4 space , as such will permit chase as and in terms of 4 space content points as the Mathematical entities .



11. These Mathematical entities may be designated as structured points of 4 space content manifesting as domain fold of hyper cube 4.
12. Points full of structures of domain fold of hyper cube 4 , as Mathematical entities shall be bringing us face to face with . Mathematical operations accepted by these structures fulfilled with in these points.
13. One may have a pause here and take note that as the Mathematical operations of 3 space are parallel to the linear order of 3 space , likewise the Mathematical operations of 4 space shall be parallel to the spatial order of 4 space. In the language of Vedical Mathematical System , the measuring rod of a space accepts its distinct measure parallel to the dimensional order .
14. This shift from linear order of 3 space to spatial order of 4 space , as such shall be providing a transition and transformation from Mathematical operation of 3 space to Mathematical operation of 4 space.
15. The distinguishing features of linear order from that of spatial order shall be bringing us face to face with the distinguishing feature of Mathematical operation of 4 space from that of 3 space.
16. The spatial order shall be leading us to a dimensional frame constituted by 4 spatial dimensions , while on the other hand the dimensional frame of 3 space is constituted by 3 linear dimensions.
17. This as such, shall be bringing us face to face with the limitations of coverage with in a 3 dimensional frame of 3 linear dimensions , which would be no more there with a shift from 3 dimensional frame of 3 linear dimensions to a domain framed with in 4 dimensional frame of 4 spatial dimensions.
18. One may have a pause here and take note that the Mathematical knots created by linear measure remain

no more knots when those stand approached in terms of spatial measures.

19. One may have a pause here and confront oneself as to the reach for the cube with in cube and then a reach for the cube with in hyper cube 4 and to glimpse the differences of the values and virtues surfacing with in both frames of linear measure and spatial measure respectively.
20. One way to approach the discipline of the values and virtues of Universe of 4 space content would be to approach it along the format of domain fold of hyper cube 4 .
21. Once the values and virtues of domain fold of hyper cube 4 stands reached, then one may chase different roles of 4 space as 4 space content manifesting as domain fold , the basic roles 4 space or as dimension fold , boundary fold, origin fold and base fold.
22. 4 space in the role of dimension shall be leading us to the format of hyper cube 6 .
23. 4 space in the role of boundary shall be leading us to the format of hyper cube 5.
24. 4 space as domain fold shall be leading us to the format of hyper cube 4.
25. 4 space as origin fold brings us face to face with the format of cube as hyper cube 3.
26. 4 space as base fold leads to the format of hyper cube 2.
27. Once the 4 space goes to the format beneath the base fold, it gives rise to the format and features of hyper cube 1.
28. 4 space as unity state brings us face to face with the format and features of hyper cube 0.

This way one can reach at different values and virtues of 4 space  
VMS&T.

## Lesson 23 UNIVERSE OF 4 SPACE CONTENT

1. 4 space . 4 space content and Universe of 4 space content deserve to be distinctively comprehended for appreciation of their distinctive features.
2. 4 space is the space which accepts 4 dimensional frame .
3. 4 space content is the space content of format and features which manifests as domain fold of hyper cube 4.
4. Universe of 4 space content is the Universe of domain fold of hyper cube 4
5. Hyper cube 4 , with focus upon the domain fold are designated as chased as 4 space bodies.
6. 4 space bodies are hyper solid bodies.
7. 4 space is filled by 4 space content.
8. 4 space content permits its organization as 4 space content lumps.
9. The continuity of fulfilled 4 space in terms of 4 space content lumps is the chase which leads to many values and virtues of 4 space VMS&T.
10. 4 space as Universe of 4 space content and Universe of 4 space content as Universe of 4 space bodies are the different states of organization of values and virtues of 4 space itself.
11. Values of 4 space are parallel to the values of Universe of 4 space content, which is further parallel to the values of the Universe of 4 space bodies.
12. 4 space as 4 space domain leads to Universe of constituents of 4 space domain with each constituent itself being 4 space domain.
13. The constituent of 4 space domain and the entities set upon and along the 4 space domain, may or may not be of parallel formats and features.

14. Static solids fulfil 3 space while moving solids set upon and along 4 space domain.
15. This will make constituents of 4 space domain of the forms and features of 4 space content while the moving solids shall be providing 3 space content setting upon 4 space domain.
16. One may have a pause and comprehend the distinction between the point of a line and the moving point along the line.
17. One shall further comprehend and find the distinction between the setting of points of zero space along a line from the points of the surface setting along a line.
18. The setting of points of 4 space along a line, followed by setting of the points of 4 space along its surface and further followed by points of 4 space setting upon and along 3 space domain and finally the setting of 4 space points as 4 space domain shall be constituting a measuring rod of 4 space.
19. One shall sit comfortably and comprehend the setting of 4 space domain within 4 space.
20. The Universe of 4 space content as Universe of 4 space points fulfilled with 4 space content shall be accepting structures because of the spatial order of 4 space.
21. The synthesis of 4 space points and split of 4 space points deserve to be chased.
22. The organization format of Universe of 4 space points deserves to be chased.
23. The limitation of the number systems and other Arithmetic and Geometric operation of linear order of 3 space deserve to be appreciated.
24. The limitations of Mathematical tools and operations of 3 space VMS&T deserve to be apprehended and appreciated.
25. The emergence of Mathematical knots and problems because of the limitations of Mathematical operations

of linear order deserve to be comprehended and to be appreciated.

26. The existence of every where continues but no where derivable functions deserves to be comprehended and appreciated.
27. The permissibility of split for composite even numbers as a pair of primes deserve to be comprehended and appreciated.
28. Cubes and higher powers not splitting in to pair of powers of same degree deserve to be comprehended and appreciated.
29. The non-solvability of fifth and higher degree equation deserves to be comprehended and appreciated.
30. The increase of hyper circle 1 to 7 and thereafter decrease for hyper circle 8 onwards deserves to be comprehended and appreciated.
31. One shall sit comfortably and permit the transcending mind to comprehend and appreciate about Mathematical knots and problems because of the limitations of reach of the linear order .
32. It would be a blissful exercise to chase transition from linear order to spatial order .
33. It would further be a blissful to comprehend and appreciate that linear order leads to solid domain of 7 versions parallel to the range of 7 geometries of 3 space as the limit of reach of the linear order .
34. It would further be very blissful to glimpse the transition and transformation from the linear order reach of 7 versions of cube in to the reach of spatial order providing a reach to solid boundary of 8 components enveloping 4 space domain.

It would be a very blissful exercise to comprehend and appreciate the format and features of quadruple numbers ( 1,3,7,8) and to imbibe the values and virtues of transition from the reach of linear order to the reach of spatial order.

**Lesson 24** UNIVERSE OF NUMBER '4'

1. Number 4 is the first composite number .
2. Number 4 is the first even composite number.
3. The feature  $2+2=2 \times 2$  is of the value of super imposition of addition and multiplication.
4.  $2 \times 2 = (-2) \times (-2)$  is of the feature of super imposition of pair of orientations.
5.  $2^4 = 4^2$  is of the feature of super imposition of vertical reflection pairing .
6. The total number of summation value 4 for the choices from the quadruple number (1,2,3,4) are 8, namely :

$$\begin{array}{llll} \text{I} & 4 = 4 & \text{II} & 4 = 1+3 \\ & 4 = 2+2 & \text{III} & 4 = 3+1 \\ \text{IV} & & & \\ \text{V} & 4 = 1+1+2 & \text{VI} & 4 = 1+2+1 \\ \text{VII} & 4 = 2+1+1 & & \\ \text{VIII} & 4 = 1+1+1+1 & & \end{array}$$

7. The Universe of points of value 4 deserves to be chased .
8.  $4 = 1+1+1+1 = 1+2+3+4$ , a feature parallel to super imposition of summation of affine values and of sequential values of 4 steps.
9. A set of quadruple entities as well will accept cardinality value 4 .
10. A dimensional frame of 4 dimensions of any order as well will accept a format of a 4 dimensional frame .
11. A 4 dimensional frame of 4 linear dimensions deserves to be chased .
12. A 4 dimensional frame of 4 spatial dimensions deserves to be chased.
13. A 4 dimensional frame of 4 dimension of order N deserves to be chased.
14. A 4 dimensional frame of 4 dimensions of orders N, N+1, N+2 and N+3 deserves

to be chased for all values of N.

15. A 4 dimensional frame of dimensions of orders of any values deserves to be chased .

16. The following parallel features of Numbers 4 and 2 deserve to be chased:

1.  $2+2 = 2 \times 2 = (-2) \times (-2)$

2.  $0+0 = 0 \times 0 = (-0) \times (-0)$ .

3.  $1^2 : 4 a^1$  deserves to be chased as domain boundary ratio of hyper cube 2 /square .

17 Linear boundary and spatial domain permit simultaneous chase .

18. Spatial order accepts a dimensional frame of pair of axis such that each of its dimension is second in reference to other axis.

19. The domain boundary ratio of hyper cube 4 is  $1^4 : 8, B^3$  .

20. The North-East Diagna of following 4 x 4 metrix organization of values accepts value 4 at each of its points.

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

21. Double digit numbers of 4 place value are 3 x 5 in number and these permit organization along the following 3 x 5 matrix :

01	02	03
10	11	12
13	20	21
22	23	30
31	32	33

22. One may have a pause here and take note that one space has 3 geometries

while 2 space has 5 geometries, and these together shall be permitting organization as 3 x 5 matrix format .

23. The Universe of Value 4 shall be also of the features of organization of

whole range of numbers parallel to the organization of numbers along 4

place value system.

24. It would be a blissful exercise to chase Universe of Value 4 in terms of

quadruple numbers ( 0,1,2,3).

25. One may have a pause here and take note that the geometric set up of

cube is parallel to the organization of quadruple numbers ( 0,1,2,3) , as

well as parallel to the range of numbers ( 0,1,2,3,4) with the centre as origin

accepting a double status being a point of volume as well as of value of 4

space in the role of origin with seat at centre.

26. One may further have a pause here and take note that along a line 5 points

cover 4 units of length.

27. Further it also would be relevant to take note that along the circumference

of a circle 5 points cover 5 unit of circumference.

28. One may further have a pause here and take note that 5x5 grid zone permit

transcendence at centers of the grid zone and manifest 4 x 4 grid along

both faces of 5x5 grid.

29. One may further have a pause and take note that the summation value

$4+5+4 = 13$  with  $1+3=4$  brings us face to face with inter relationship of



number 4 and number 13.

30. One may further have a pause here and take note that the domain of 4 space permits swapping in terms of a moving twelve edged cube with the degree of freedom of motion of cube with in hyper cube 4 domain manifesting as thirteen edge.

**Lesson 25** TCV VALUE-4

1. The following 5 letters of Devnagri alphabet accept TCV value 4 .
  - I. 4<sup>th</sup> vowel (Ri)
  - II. 4<sup>th</sup> letter of Ist Verga Row ( Gha)
  - III. 3<sup>rd</sup> letter of 2<sup>nd</sup> Verga Row ( Ja)
  - IV. 2<sup>nd</sup> letter of 3<sup>rd</sup> Verga Row ( Tha)
  - V. Ist letter of 4<sup>th</sup> Verga Row (Ta)
2. 4<sup>th</sup> vowel accepts the format of 4 dimensional frame.
3. 4<sup>th</sup> letter of Ist Verga Row accepts the format of 4 space as origin.
4. 3<sup>rd</sup> letter of 2<sup>nd</sup> Verga Row accepts the format of 4 space domain.
5. The 2<sup>nd</sup> letter of 3<sup>rd</sup> Verga Row accepts the format of 4 space as boundary fold.
6. The Ist letter of 4<sup>th</sup> Verga Row accepts the format of 4 space as dimension fold.
7. 4 dimensional frame is constituted by 4 spatial dimensions.
8. 4 space as origin is the origin fold of hyper cube 3.
9. 4 space as boundary is the boundary fold of hyper cube 5.
10. 4 space as dimension is the dimension fold of hyper cube 6.
11. The above 4 rows of 4 space as origin fold, domain fold, boundary fold and dimension fold permit expression along the organization of North-East diagma of the following 4 x 4 metrix format of 4 consecutive manifestation layers of hyper cubes 3,4,5 & 6 respectively:

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

12. One may have a pause here and take note that the organization format of above North-East diagonal is of affine format as at all points value remains same as 4, and at the same time this organization is also of sequential feature as that it sequentially is of the format of dimension fold, boundary fold, domain fold and origin fold which are of the formats of 4 consecutive dimensional formats together constituting a four fold manifestation layer of hyper cube.

13. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sittings of class and to glimpse the organization features of North-East diagonal of above 4 x 4 matrix format .

14. One shall imbibe the values of the organization format of North-East diagonal of above 4x4 matrix format and to acquire deep insight about the different roles of 4 space .

15. One shall visit and re-visit the formats of above referred 5 letters of Devnagri alphabets accepting TCV value 4.

16. It would be a blissful exercise to visit and re-visit the fourth vowel accepting TCV value 4 parallel to the format of 4 dimensional frame.

17. Further one shall visit the fourth letter of the Ist Verga Row accepting TCV value 4 and being of format parallel to 4 space as origin fold of hyper cube 3.

18. Further one shall visit the third letter of 2<sup>nd</sup> Verga Row accepting TCV value 4 and being of format parallel to 4 space as domain fold of hyper cube 4.

19. Further one shall visit the second letter of the 3<sup>rd</sup> Verga Row accepting TCV value 4 and being of format parallel to 4 space being the boundary fold of hyper cube 5.

20. Further one shall visit the first letter of the 4<sup>th</sup> Verga Row accepting TCV value 4 and being of format parallel to 4 space in the role of dimension.

21. It would be a blissful exercise to chase 4 dimensional frame constituted by 4 spatial dimensions and thereby making the set up as of a spatial dimensional order.

22. Further it would be a blissful exercise to visit and to comprehend and appreciate the script form of 4<sup>th</sup> vowel of Devnagri alphabet and to tabulate the features and values of the script form of 4<sup>th</sup> vowel.
23. It would be a blissful exercise to visit the script form of the 4<sup>th</sup> letter of Ist Verga row and to tabulate the features and values of the script form of this letter.
24. It would be a blissful exercise to visit the script form of the 3<sup>rd</sup> letter of 2<sup>nd</sup> Verga row and to tabulate the features and values of this letter.
25. It would be a blissful exercise to visit the script form of the 2<sup>nd</sup> letter of 3<sup>rd</sup> Verga row and to tabulate the features and values of this letter.
26. It would be a blissful exercise to visit the script form of the Ist letter of 4<sup>th</sup> Verga row and to tabulate the features and values of this letter.

## Lesson 26 SYNTHESIS OF DIMENSIONS OF SAME ORDER

1. The synthesis of 2 dimensions of same order avail dimension of dimension.
2. The synthesis value of a pair of dimension of order N by availing dimension of dimension of order ( N-2) gives rise to dimensional synthesis value:  
$$N+N-(N-2)= N+2$$
3. The synthesis of 3 dimensions of same order avail dimension of dimension twice .
4. As such the synthesis value of triple dimension of same order (N) by availing pair of dimension of dimensions ( N-2) yield dimensional synthesis value :  
$$N+2+N-2(N-2)= 6$$
5. One may have a pause here and take note that synthesis value of triple dimensions of same order ( N) for all values of N yields common dimensional synthesis value ( 6).
6. It is this feature of dimensional synthesis phenomenon which deserves to be comprehended well and to be fully appreciated for its complete imbibing to acquire deep in sight and enlightenment about this phenomenon.
7. Synthesis of 4 dimension of same order N shall be availing dimension of dimension ( N-2, 3 times.
8. The synthesis value of 4 dimensions of same order N by availing dimension of dimension ( N-2) 3 times shall be leading to dimensional synthesis value:  
$$6+N-3 ( N-2)= 12-2N$$
9. Likewise in general the synthesis value of R dimensions of order ( N) shall be equal to the synthesis value of ( R-1) dimensions + N-(R-1) x (N-2).
10. It would be a blissful exercise to reach at the sequential dimensional synthesis value of linear order as ( 1,3,6,10,15,21,28,----.

11. Likewise it also would a very blissful exercise to reach at sequential dimensional synthesis value for 1,2,3,4,5,6,--- number of spatial dimension as ( 2,4,6,8,10,12 ,14,----)
12. The dimensional synthesis value of 1 ,2,3,4,5,6,7, ---- number of solid dimension would be ( 3,5,6,6,5,3,0,----- ).
13. One may have a pause here and take note that the dimensional synthesis value of 4 linear dimension is ( 10) , and of 4 spatial dimension is ( 8) and of 4 solid dimension is ( 6) and of 4 creative ( 4 space as dimension) are ( 4) and so on.
14. One may have a pause here and take note that synthesis dimensional value of 4 linear, spatial, solid, creative, --- - order dimension comes to be ( 10,8,6,4,--)
15. One may have a pause here and take note that the sequential values ( 10,8,6,4,---) are accepting a rule of diminishing of two values at each step.
16. Likewise one will notice that the dimensional synthesis value's sequence of 5 dimensions of same order would be ( 15,10,5,0,-5,---) which shall be leading to the rule of diminishing value at each step being "2+3".
17. At next step in case of dimensional synthesis value of 6 dimension will give rise to the diminishing value rules as ( 2+3+4).
18. Like that the rule would get extended accordingly for dimensional synthesis of 4,5,6,7, --- number of dimensions of linear, spatial, solid, creative, --- would be 2,2+3,2+3+4, 2+3+4+5, ---- .
19. One may have a pause here and take note that the numbers pair ( 4,2) is parallel to ( 4 space as domain, 2 space as dimension).
20. Likewise numbers pair ( 5,3) is parallel to ( 5 space as domain,3 space as dimension).

21. In general numbers pair ( N, N-2) is parallel to ( N space as domain, N-2 space as dimension).
  22. It would be a blissful exercise to visit and re-visit the above features of dimensional synthesis phenomenon for dimensions of same order .
  23. It would be a very blissful exercise to permit the transcending mind to glimpse the diminishing values rules for dimensional synthesis of same number of dimension of linear, spatial, solid, ----- orders.
  24. In particular, it would be a very blissful exercise to reach at dimensional synthesis value for different number of dimensions of spatial order which shall be ( 2,4,6,8,10,12,14,16, -----)
  25. It would further be a very blissful exercise to take note that the value's sequence ( 2,4,6,8,10,12 ----) is parallel to the boundary components sequence of hyper cubes.
- With it , the spatial order becomes the basic system of chasing existence phenomenon of our Solar Universe in terms of  
Sathapatya Measuring Rod .

## Lesson 27 DIMENSIONAL SPLIT SPECTRUM

1. Parallel to Dimensional Synthesis Phenomenon, one shall chase dimensional splits spectrum as well .
2. As synthesis of a pair of dimensions of same order avail dimension of dimension, likewise the split of a dimension leads to a split of its domain in to a pair of its dimensions and simultaneously there also happens a release of dimension of dimension of the domain under split.
3. As the pair of solid dimensions synthesize 5 space domain by availing linear dimension of dimension of 5 space itself. Likewise the split of 5 space as domain shall be leading to a pair of solid domains ( as its dimension) and together with them there would be a release of one space domain ( as linear )dimension of dimension of 5 space
4. The split of N space at its initial stage makes N space as a single domain and as such leading to single entity spectrum.
5. The split of N space would result in to a pair of ( N-2) domains/entities and as such here would be a spectrum of a pair of entities hence the spectrum of value 2 .
6. At next stage the pair of N-2 domains shall be yielding 4 domains of ( N-4 space) set up. These 4 domains of N-4 space set up together with N-4 space domain release as dimension of dimension of N space domain at the previous split stage will make out a spectrum of 5 entities of ( N-4) domain and thereby the split spectrum of this split stage would be of value 5.
7. One may have a pause here and take note that the above phases and stages of split spectrum are of value sequence ( 1,2,5) of domains set up ( N, N-2 and N-4).



8. It would be a blissful exercise to take note that the split spectrum at next phase and stage of split would be of spectrum value 12.
9. One may have a pause here and take note that  $12 = 2 \times 5 + 2$ .
10. One may further have a pause here and take note that  $2 \times 5 + 2$  as such is the contribution and inter-linking of the previous two stages value namely 5 and 2 of previous split spectrum values emergence.
11. One may further have a pause here and take note that at the next phase and stage of split spectrum the contribution would be of the pair of previous phases and stages split values namely ( 12,5) and there would be a split spectrum value  $2 \times 12 + 5 = 29$ .
12. One may have a pause here and take note that the reach from value 1 to value 2 is as  $2 = 2 \times 1 + 0$ .
13. The reach for the value 5 is as  $5 = 2 \times 2 + 1$ .
14. The reach for the value 12 is as  $12 = 2 \times 5 + 2$ .
15. The reach for the value 29 is as  $29 = 2 \times 12 + 5$ .
16. The next stage reach would be in terms of values pair ( 29, 12) and it shall be leading to the value  $2 \times 29 + 12 = 70$ .
17. The next stage value would be contributed by values pair ( 70,29) and it would be  $2 \times 70 + 29 = 169$ .
18. Likewise one can sequentially extend the split spectrum entities values for any dimensional order starting with the domain fold in the role of concerned dimensional order.
19. The split spectrum values sequence comes to be ( 1,2,5,12,29,70,169,408, ---).
20. The dimensional order N as N space domain , shall be sequentially leading to domains sequence ( N, N-2, N-4, N-6, N-8, N-10, ---).
21. It would be a blissful exercise to chase split spectrum for dimensional order 6.

22. It shall be of values ( 1,2,5,12,29,----) and the emerging domains sequence would be ( 6,4,2,0, -2,-4,-6, ----)
23. It would be blissful to visit above split spectrum phenomenon of 6 space which shall be of the format and features of one six space domain, two four space domain, five two space domain, 12, zero space domain, 29 (-2 space domains), 70 (-4 space domains) and 169 (-6 space domains).

It would be a blissful exercise to chase the split spectrum phenomenon for 1,2,3,4,5,6,7,8,9,10 spaces as domains in the roles of dimensions.

## Lesson 28 SIMULTANEOUS LINEAR AND SPATIAL ORDER SYNTHESIS

1. Vedic systems chase synthesis of same order as well as of sequential order.
2. Given dimensional order structures out single manifestation layer of four folds as hyper cube format.
3. Remanifested layer with each fold itself being a manifestation layer becomes a 4 x 4 matrix format of 4 consecutive manifestation layers being simultaneously available as 4 rows as well as 4 columns.
4. This organization of 4 x 4 matrix format , as under structures out a pair of diagonals of which along one of diagonals stands organized same values while along the other diagonal stand organized values of the organization format of coordination of domain with dimension of dimension and dimension of dimension.
5. The 4 x 4 format of 4 manifestation layers of orders N-2, N-1, N+1 leads to following expression :
 

N-2	N-1	N	N+1
N-1	N	N+1	N+2
N	N+1	N+2	N+3
N+1	N+2	N+3	N+4
6. One may have a pause here and have a fresh visit to the set up of the organization format of North-East diagonals of above 4 x 4 matrix .
7. One shall be glimpsing that North East diagonals ( N+1, N+1, N+1, N+1), is of a dual format firstly of affine values ( N+1) and secondly of the sequential value format of (N+1) space as dimension N+1 space as boundary, N+1 space as domain and N+1 space as origin
8. Now one shall have a fresh visit to the set up of the organization of South West diagonal ( N+4, N+2, N, N-2).

9. It would be blissful to take note that this organizational format values are parallel to the organization of  $N+4$  space as domain,  $N+2$  space as dimension,  $N$  space as dimension of dimension and  $N-2$  space as dimension of dimension.
10. One shall further have a pause here and take note that the parallel organization format values of above 4 phases and stages of above organization of South West diagonal or as that  $N+4$  space is the origin fold,  $N+2$  space is the domain fold,  $N$  space is the boundary fold and  $N-2$  space is the dimension fold.
11. One shall further have a pause here and take note that the North East diagonal format of affine values and the permissibility for the diagonal ( as a line) as the format of a moving point of affine value deserve to be chased .
12. One shall sit comfortably and permit the transcending mind to glimpse and chase the above format features of North East diagonal .
13. It would be blissful to take note that the diagonal as a line is one space domain and also the same as representative regular body of one space is of the format of hyper cube 1 and still further the diagonal being with in surface and it is of the format and values of hyper cube 1 with a two space domain.
14. One may have a pause here and take note that it would be very blissful exercise to simultaneously chase line as the boundary line of 2 space and line as diagonal of the surface / square plane.
15. It would further be very blissful exercise to comprehend and appreciate the distinguish features and values of the format of TCV value 1 of first vowel and TCV value 1 for the linear state of letter Raif.
16. It would be a very blissful exercise to comprehend the distinguishing features of the organization format of North East diagonal and South West diagonal of the

above organization format of  $4 + 4$  matrix expression for re-manifested four fold manifestation layer with each fold itself being a four fold manifestation layer.

17. It would further be a very blissful exercise to chase the distinguishing feature of the first vowel in its elongated first vowel and of the second vowel .
18. It would further be a very blissful exercise to chase the distinguishing feature of a grid frame for the surface zones from that of the area of the grid zone.
19. It would further be a very blissful exercise to simultaneously chase the linear order and spatial order on the format of a spatial order .
20. It would further be a very blissful exercise to chase 2 space as domain fold enveloped with in 1 space as its boundary fold simultaneously coming into play while 2 space in the role of a spatial dimension.