Vedic Mathematics, Science & Technology
FOUNDATION COURSE

===

Index

Opening words : VMST Foundation course

===

I

Course chase steps Organization

1. This course is of 6 months duration
2. It is being organized as of two parts of a quarter duration each
3. Part – 1 has two sections and each section as well is of two phases each of three weeks duration.

Part – 1
Section – 1
Chase phase – 1
Weeks 1 to 3
Chase phase – 2
Weeks 4 to 6
Section – 2
Chase phase – 3
Weeks 7 to 9
Chase phase – 4
Weeks 10 to 12

4. Likewise, part – 2 flow chart of chase steps runs as :
Part – 2
Section – 3
Chase phase – 5
Weeks 13 to 15
Chase phase – 6
Weeks 16 to 18
Section – 4
Chase phase – 7
Weeks 19 to 21
Chase phase – 8
Weeks 22 to 24

II
Topical chase during this course is going to be as

==

Course to REACH AT SYSTEMS FOUNDATION PROCESSES

==

Part – 1   Systems foundation

Part – 2   Foundation processes

==

Part – 1   Systems foundation

Section – 1 Installation of Shiv Lingum in creator's space

Chase steps **Phase – 1**
Weeks 1 to 3

Week – 01   Preliminary chase steps
Chase Step 01 Technical terms

Chase Step 02 Hyper cubes 0 to 6
Chase Step 03 Geometric ranges of 0 to 6 spaces

Week – 02 Real 4 and 5 spaces
Chase step 04 Real 4-space
Chase step 05 Origin of 4-space
Chase step 06 Real 5-space

Week – 03   Spatial and solid order

Chase step 07 Spatial order
Chase step 08 Solid order
Chase step 09 Spatial and solid order

Chase steps **phase – 2**
Chase of three dimensional frame
Weeks 4 to 6

Week – 4   Split of three dimensional frame

Chase step 10 Three dimensional frame
Chase step 11 Split of a three dimensional frame
Chase step 12 Synthesis of three dimensional frame of half
dimensions

Week – 5
Organization of a pair of hemispheres

Chase step 13 Cube and sphere
Chase step 14 Prism and hemisphere
Chase step 15 Organization format of a hemisphere

Week – 6
Three points fixation of an interval

Chase step 16 Three point fixation of an interval
Chase step 17 Fluctuating middle point
Chase step 18 Part as whole

==

Section – 2   Systems foundation

Chase steps **phase – 3**
Along manifestation formats
Weeks 7 to 9

Week – 7   Hyper cubes formats

Chase step 19   Four folds format
Chase step 20   Hyper cube format for each fold

Chase step 21   Jyotirmadey Triloki manormum

Week – 8   Measuring rods

Chase step 22   1 as 0 to 1
Chase step 23   2 as 0 to 2
Chase step 24   5 as 0 to 5

Week – 9   Measuring units

Chase step 25   Units and counts
Chase step 26   Zero and unit
Chase step 27   Dimensional units

Chase steps **phase – 4**
Along Transcendental formats
Weeks 10 to 12

Week – 10 Transcendental ranges
Chase step 28   Five folds set up
Chase step 29   5 x 5 matrix format
Chase step 30   Artifice 5

Week – 11 Transcendence reach

Chase step 31   Transcendence reach
Chase step 32   Transcendental base
Chase step 33   Transcendental domains

Week – 12 Self referral formats

Chase step 34   Pair of faces of surface
Chase step 35   Pair of hemispheres of sphere
Chase step 36   Human mind, earth and sun

===

Part – 2   Foundation processes

Section – 3 Processes formats

Chase steps phase – 5
Processes format
(Weeks 13-15)

Week – 13 Artifices chase along geometries format

Chase step 37   Artifices of numbers

Chase step 38 Dimensional frames
Chase step 39 Parallel formats

  Week – 14 Space contents Manifestations

Chase step 40 Space content
Chase step 41 Domain fold within geometric envelope
Chase step 42 Domain fold within dimensional frame

  Week – 15 Transcendence through manifestations

Chase step 43 Reach from origin into base of origin
Chase step 44 Extension of manifestation layers as transcendental
       range
Chase step 45 Split of Transcendental range as pair of
       manifestation layers

Chase steps phase – 6
Processing processes format
(Weeks 16-18)

  Week – 16 Transcendental carriers

Chase step 46 Transcendental carriers
Chase step 47 Transcendence through space
Chase step 48 Transcendence through core of Sun

  Week – 17 Sunlight

Chase step 49 Sunlight
Chase step 50 Sunlight format
Chase step 51 Jyoti flow

  Week – 18 Meditation

Chase step 52 Meditation
Chase step 53 Transcending mind
Chase step 54 Transcendental state existence

Section – 4 Pure and applied values reach

Chase steps phase – 7
Pure values reach
(Weeks 19-21)

Week – 19   Impulses

Chase step 55   Sleep state
Chase step 56   Impulses
Chase step 57   Deep sleep state

Week – 20   Self referral state

Chase step 58   Artifice 6
Chase step 59   Hyper sphere 6
Chase step 60   Self referral format

Week – 21   Unity state

Chase step 61   Artifice 7
Chase step 62   Hyper sphere 7
Chase step 63   Unity state existence format

Chase steps phase – 8
Applied values reach
(Weeks 22 to 24)

Week – 22   Solar Universe

Chase step 64   Artifice 6
Chase step 65   Hyper sphere 6
Chase step 66   Self referral format

Week – 23   Pole star

Chase step 67   Origin of solar universe
Chase step 68   Pole star
Chase step 69   Unity state existence format

Week – 24   VMS & T Foundation

Chase step 70   Sunlight
Chase step 71   Earth to Sun range
Chase step 72   Source reservoir origin

This week, chase phase – 1 of section – 1 of part – 1 of the course is going to be complete.

Introductory

1. Real 4-space is a spatial order space
2. Spatial order means as that 2-space plays the role of dimension of 4-space.
3. Real 5-space is a solid order space.
4. Solid order means as that 3-space plays the role of dimension of 5-space.
5. 2-space plays its different roles, of which the role as a dimension fold has prominent role to play to provide us transition and transformation from linear order 3-space to spatial order 4-space.
6. Likewise solid order provides us a transition and transformation from spatial order 4-space to solid order 5-space
7. It is the super imposition of solid order upon spatial order which deserves to be chased specifically to comprehend, appreciate and to have an insight about the 'foundation' being worked out by installation of Shiv Lingum in creator's space
8. The installation of Shiv Lingum in creator's space, amounts to installation of 5-space content lump in creator's space manifesting as 4-space content lump as domain fold.
9. This installation of 5-space content lump within 4-space content lump is the subject matter of present week chase steps.

═══
Chase step 07 : Spatial order
═══

1. Creator's space is real 4-space
2. The prominent features of real 4-space surface in 4-space content.
3. 4-space content manifests as domain fold of 4-space
4. The domain fold of hyper cube 4, as such is a 4-space content lump.
5. 4-space content distinguishes itself for its features, values and virtues in terms of 2-space content as 2-space plays the role of dimension of 4-space
6. It is this feature of 2-space playing the role of dimension of 4-space which makes 4-space being of the spatial order
7. It is this feature of dimensional order which manifests itself as a dimensional axis and thereby the dimensional space of 4-space becomes organizational set up of four spatial dimensions
8. One may have a pause here and take note that the our well known 3 dimensional frame is an organization of 3 linear axes / 1-space play the role of dimension of 3-space and 1-space content manifesting itself for the role of a dimension fold of 3-space
9. One may further have a pause and take note that cube is representative regular body of 3-space and the same is of the format and features of hyper cube 3 set up of a four fold manifestation layer (1-space content manifesting

and playing the role of dimension, 2-space content manifesting and playing the role of boundary, 3-space content manifesting and playing the role of domain fold, 4-space content manifesting and playing the role of origin fold)

10. One may further have a pause here and permit the transcending mind to be face to face with the inter relationship of 2-space content with other space content while simultaneously manifesting as different folds of same manifestation layer, as in terms of this inter relationship role of 2-space content with other space contents that many prominent features of spatial dimensional order shall be surfacing.

11. The spatial dimensional order (2-space as dimension) shall be sequentially taking us to 3-space content as a boundary fold, 4-space content as domain fold and 5-space content as origin fold

12. Here in the context it also would be relevant to note that the interrelationship of zero dimensional order of 2-space as domain fold and further spatial dimensional order of 4-space, in that sequential roles shall be further providing us an insight about the other dominating features of spatial order, 2-space content as well as about as 2-space itself.

13. As the reach of spatial dimensional order as Transcendental origin (5-space) as origin fold of hyper cube 4 and further the Transcendental origin (5-space as origin is of solid dimensional order), as such along the format of hyper cube 4 is to be attained the transition and transformation from spatial order to solid order.

<div align="right">*</div>

===
Chase step 08 : Solid order
===

1. Solid dimensional order (3-space in the role of dimension) takes us to Transcendental domains (5-space content manifesting as domain fold of hyper cube 5 within creator's space within 4-space.

2. It is this feature of 5-space and 5-space content manifesting as hyper cube 5 being the four fold manifestation layer (3-space content manifesting and playing the role of dimension fold, 4-space content manifesting and playing the role of boundary fold, 5-space content manifesting and playing the role of domain fold, 6-space content, manifesting and playing the role of self referral origin fold of Transcendental domain) which deserves to be chased.

3. As a solid dimensional order role of 3-space content within creator's space (4-space), the focus goes to simultaneous availability of the spatial order format for manifestation of space content and along this format, there being the manifestation of 3-space content in the role of a dimension fold.

4. It is this role of solid dimensional order along spatial order format which deserves to be comprehended well and to be appreciated completely for full insight about this phenomenon.

5. One may have a pause here and take note that the spatial order format takes us to the four fold format of hyper cube 4 itself as the set up of four folds manifestation of which the origin fold is of solid dimensional order

6. One may have a pause here and take note that the chase of solid dimensional order, that way shall be parallel to the manifestation of Transcendental domains (5-space content lumps) accepting solid dimensional order at the seat of origin fold of hyper cube 4 itself.

7. One may have a pause here and permit the transcending mind to continuously remain in deep sitting of trans for a prolonged time and be face to face with the solid dimensional order lively at the seat of origin fold of hyper cube 4 / creator's space

8. One may further have a pause and the face to face with the phenomenon of spatial order and solid order being simultaneously lively at the seat of origin fold / center of 4-space domain / origin of creator's space.

9. One may have a pause here and revisit cube as hyper cube 3 with 4-space playing the role of origin fold of hyper cube 3.

10. It shall be bringing us face to face with the feature of 3-space domain that each grain of it / each point of cube (Domain fold) is of a linear order set up.

11. Simultaneous the center of cube is of features different than that of every other point of cube, as much as that center of cube is the seat of spatial order origin fold and thereby it is of dual status, firstly being of the set up of linear order and secondly at the same time same being of the placement of a spatial order origin fold.

12. Likewise the center of hyper cube 4 is of dual status features, firstly as of spatial order set up and secondly as of the seat of solid order origin fold

13. One may further have a pause here and take note that 4-space is a porous state, as much as that solids have a degree of freedom of motion within 4-space.

14. It is this porous feature of 4-space which deserves to be comprehended well and to be appreciated completely to have an insight about the phenomenon of simultaneous availability of spatial order and solid order within creator's space

15. Along 4 x 4 matrix format, every dimensional space (content and order) particularly spatial and solid dimensional orders / contents / spaces shall be having four fold distinct role each as are depicted hereunder:

Different roles of spatial dimensional order

-1	0	1	2
0	1	2	3
1	2	3	4
2	3	4	5

Different roles of solid dimensional order

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

===
Chase step 09 : Spatial and solid order
===

1. Simultaneous availability of spatial and solid orders works out transition and transformation from four fold manifestation layer format to five fold Transcendental range format

2. Hyper cubes as four fold manifestation layers (n-2 space as dimension fold, n-1 as boundary fold, n-space as domain fold, n+1 space as origin fold), are availing manifestation format provided by real 4-space.

3. Real 5-space provides five fold Transcendental ranges format for transition and transformation of four folds manifestation layers.

4. Along Transcendental format of real 5-space, the four fold manifestation layer (n-2, n-1, n, n+1) transit and transforms as (n-2, n-1, n, n+2).

5. The fifth fold of format and value (n-2) space plays the role of base fold for origin fold

6. Cube as hyper cube 3 as manifestation layer (1, 2, 3, 4) transit and transforms into five fold set up (1, 2, 3, 4, 5)

7. One may have a pause here and take note that 4-space as origin fold is of a spatial dimensional set up.

8. The transition and transformation from artifice 4 to artifice 5 is, amongst others, is of the features as that $4 + 1 = 5$.

9. One may have a pause here and take note that this feature of a reach to artifice 5 from artifice 4 as $4 + 1 = 5$, that way is a reach along only 1 of the pair of the dimensions of spatial order (2-space in the role of dimension of 4-space)

10. One may further have a pause here and take note that NVF (Base) =27 = NVF (Half).

11. One may further have a pause here and chase the formulation 'base', being 'B as E'.

12. NVF (B) = 2 and NVF (E) = 5 will further help us comprehend as that 2-space accepts 5 geometries range.

13. Further as that the spatial order manifestation layer (2, 3, 4, 5) takes us to 5-space as origin fold

14. These features together with the feature of 4-space being a porous space, shall be helping us comprehend, appreciate and to have an insight as to the transcendence phenomenon of solid order transcending into spatial order domain through origin seat of creator's space.

15. One may further have a pause here and take note that the spatial order of 4-space shall be making the transcendence phenomenon being of two fold features, of two fold reach, firstly from fourth fold of manifestation layer to fifth fold of Transcendental range and secondly, in reverse order, the reach from 5th fold of Transcendental range to fourth fold of the manifestation layer.

16. One may further have a pause and permit the transcending mind to chase this two fold transcendence phenomenon which from the solid order fifth fold of Transcendental range shall be taking us from the origin fold of hyper cube 4 to boundary fold of hyper cube 4 which is a solid boundary set up.

17. Further the transcendence of solid boundary of hyper cube 4 through 4-space domain and further through the origin fold of hyper cube 4 shall be taking us to the base of origin fold as fifth fold on the Transcendental range.

*

TCVs table – 1

Sr.	TCV	letters
1	1	अ, क्, ॱ
2	2	आ, इ, ख्, च्, श्, ॱ
3	3	उ, ग्, छ्, ट्, र्, स्,
4	4	ई, ऋ, घ्, ज्, ठ्, त्
5	5	लृ, ड्, झ्, ङ्, थ्, प्
6	6	उ, ए, ञ्, ढ्, द्, फ्, ष्
7	7	ओ, ण्, व्,
8	8	ऐ, न्,
9	9	औ, म्, ॱ
10	10	◌ॅ
11	11	◌ॆ
12	12	◌ॖ
13	13	◌ः
14	14	◌ᴡ

15	15	ᳵ
16	16	ᳶ

TCVs table – 2

Sr.	TCV	Formulation	In roman script	Reference
1	5	ऋक्	Rik	Rigved
2	9	यजु	Yaju	Yajurved
3	15	साम	Sam	Samved
4	17	अथर्व	Atharav	Atharavved

TCVs table – 3

Sr.	TCV	Formulation	In roman script
1	20	वेद	Ved
2	27	ऋग्वेद	Rigved
3	29	यजुर्वेद	Yajurved
4	35	सामवेद	Samved
5	37	अथर्ववेद	Atharavved

===

Exercises

* It would be a blissful exercise to draw further TCVs tables by making entries of Sanskrit language words compositions formulations like 'देव, ऋषि, देवता, छंदस, स्वर, मंडल, अष्टक, अध्याय, अनुवाक, सुक्त, वर्ग, रिचा, अक्षर'.

*