

Sri – Om

**VEDIC MATHEMATICS AWARENESS YEAR**

E-Newsletter Issue no 279 dated 14-08-2015

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		ॐ । गायत्री छन्द । सरसवती मंत्र । महेश्वर सूत्र । गणित सूत्र
		Om Gyatri Chand, Saraswati Mantra, Maheshwar Sutra, Ganita Sutras

**VMS & T Awareness course**

(Duration: 1-8-2015 to 30-09-2015)

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# TRANSCENDENTAL BASIS OF VEDIC MATHEMATICS

(Compilation of the contents of Books and online  
VM course of Dr. S. K. Kapoor, Ved Ratan)

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## **Transcendental Basis of Vedic Mathematics**

(Compilation of the contents of Books of Dr. S. K. Kapoor)

(Panel of Jury set up by the Bhartiya Vidya Bhavan to select candidates for Shri Guru Gangeshwaranandaji Veda Ratna Puraskar-1997 had selected Dr. S. K. Kapoor for his excellence and service rendered in the field of Vedic Mathematics. The Panel of Jury had considered the evaluation report titled "Transcendental Basis of Vedic Mathematics". As good information about some aspects of Vedic mathematics of the report would be of great interest for the research scholars working in the field and as such same is being included here).

My **studies** culminating into the Doctoral Degree for my thesis titled "Mathematical Basis of Vedic Literature" accepted by Faculty of Mathematics, Kurukshetra University, Kurukshetra, summed up conclusions as under:

### **Sum up of the results as those flow while working florescence-systems on Om formulation within framed domains are:**

1. In a nutshell, the conclusions are that the mathematics precedes the composition of Rigveda Samhita. Vedic Mathematics helped to transform the Universal set of knowledge as a speaking language and in the process itself as well stood transformed as such and assimilated its identity into the Vedas. Within Vedas, all disciplines of knowledge transform their identity and get assimilated into florescence systems admitting 432000 components channelizable on Om formulation. As such, need is to rewrite the history of mathematics, even the intellectual history of man well admitting fundamental unity of human intellect, the

message with which the Rigveda ends "Samanam-astu.....Sushasati".

2. One line conclusion, of all the above conclusions, is that the entire Lower Vedic Mathematical domain stands exhaustively covered by single formula:

3. And the above formulation as well is nothing but the extended version of Divya Ganga flow through Om formulation. Divya Ganga flow crystallizes as florescent frames for the Eternal paths beyond and to which the Vedic florescence systems ultimately transformed.

**The thesis is divided into 12 chapters with contents as:**

#### **1. Vedic mathematics**

(Introductory concepts)

– To settle the text

#### **2. Om formulation**

(Vedic mathematics applications)

– To settle equivalent formulations:

- Om
- Pranava
- Aum
- Onkar
- Udgitha
- Vashatkara
- Swastik
- Anmoh

#### **3. Vedas**

(Mathematics as a speaking language)

- Rigveda
- Yajurveda
- Samaveda
- Atharvveda

#### **4. Adi Valmiki Ramayana**

(Vedic mathematical basis)

– Derivation of the frames and systems on Om formulation in terms of framed domains sequence.

## 5. Urmahabhartam

(Vedic mathematical basis)

- Derivation of the frames and systems on Om formulation in terms of framed domains sequence.

## 6. Srimad Bhagwad Gita

(Vedic mathematical basis)

- Derivation of the frames and systems on Om formulation in terms of framed domains sequence.

## 7. Sri Vishnu Shastranam Satotram

(Vedic mathematical basis)

- Derivation of the frames and systems on Om formulation in terms of framed domains sequence.

## 8. Srimad Durga Saptasati

(Vedic mathematical basis)

- Derivation of the frames and systems on Om formulation in terms of framed domains sequence.

## 9. Upanishads

(Vedic mathematical basis)

- Derivation of the frames and systems on Om formulation in terms of framed domains sequence.
  - Prasno Upanishad; Derivation of the frame and systems.

## 10. Shad Darshan

(Vedic mathematical basis)

- Derivation of the frames and systems on Om formulation in terms of framed domains sequence of
  - Nyaya Darshan
  - Sankhya
  - Vaisesika
  - Yoga
  - Mimamsa
  - Vedanta
  - Sankarshna

## 11. Puranas

(Vedic mathematical basis)

- Derivation of the frames and systems on Om formulation in terms of framed domains sequence of Puranas.
  - Srimad Bhagwat Puran; Derivation of frame & system.

## 12. Devanagri alphabet

(Vedic mathematical basis)

Derivation of frame and systems of the alphabet, its structure, forms and formulations of the letters within Pranava domain on Om formulation for working out the sunlight florescence systems within framed domains.

- Maheshwara Sutras and Sanskrit grammar.
- Saraswati Mantras and Vedic grammar.
- Derivation of classical and languages alphabet.
- Mother computer language for all computer systems. With respect to the value of research work, Professor in Structure Engineering, **Dr. Anand Parkash** of Civil Engineering Department, University of Roorkee, had conveyed in 1986 to Prof. L. R. Varmani, Department of Mathematics in Kurukshetra, Kurukshetra:

“It is my pleasure to convey to you my appreciation of the work undertaken by Mr. S. K. Kapoor in the basis artifice of our alphabet and number system conveying the basis energies channelization into atomic frames and their structures. His study of the sunlight reflecting on the different number frames resulting into all artificial intelligence and value judgment has the potential of a breakthrough in scientific thoughts bearing on the understanding of our universe permeating throughout our vedic literature.

I take this opportunity to congratulate you all the all-valuable inspiration and guidance for the brilliant research output by him.

With regards.”

Simultaneously, **Professor Anand Parkash** had enclosed general appreciation of the research result as under:

“It was very satisfying to listen Mr. Sant Kumar Kapoor to decipher the hidden code in the construction of alphabets and numbers channelising the basis energies in the atomic frames constituting their structure. His formulation that there are 108 basic energy sources constituting the fundamental format of the atomic tables is noteworthy.

His attempt to have breakthrough with the insight into sunlight being the basic source of all artificial intelligence and value judgment in this universal, interlinking the modern scientific knowledge with the vedic thoughts, deserve all encouragement and support for advancing the cause of applied research.

I wish him all success in his mission.”

**Professor J. N. Kapur**, a well-known mathematician of our country, having hundreds of research articles and dozens of books of mathematics, and experience of more than four decades of actual teaching of mathematics at graduate and postgraduate levels, and of guiding several research scholars, had occasion to consider the geometrical validity of the framed domain sequence being arrived at in the thesis i.e.  $(a : 2na^{n-1}, n=1, 2, 3, 4,$

...) and his considered opinion conveyed to Professor Krishanaji, read as:

“The sequential interpretation of  $a^3/6a^2$ ,  $a^4/8a^3$ ,  $a^5/10a^4$  are valid.

‘n’ dimensional hypercube has ‘n’ dimensional content ‘ $a^n$ ’. It has ‘n-1’ dimensional content ‘ $2na^{n-1}$ ’, and the ratio is ‘ $a^n/2na^{n-1}$ ’. This has also ‘n-2’ dimension, ‘n-3’ dimension, ..... content which I have discussed in my article.

This part can be rigorously justified.”

**Professor Krishnaji** in his letter dated March 31, 1988 addressed to Hon’ble Chief Justice of Punjab & Haryana High Court had requested for sparing the services of mine for institute of Vedic Science for two years conveying as:

“We must congratulate you for having in your department such a brilliant and creative mind as Sri S. K. Kapoor, C.J.M., Rohtak, who can authentically expound the foundations of all order in nature, as the basis of the Vedic literature available to us through the oral honoured Vedic tradition. The work by him in his Ph.D. thesis is so basic that the authenticity of the Veda and Vedic literature is established with such mathematical precisions and credibility that through his work, it is possible now to establish the traditionally available Vedic literature as the most orderly and comprehensive literature of a perfect science of life. This has the potential to revolutionise the education in all parts of the world and bring perfection to life on Earth.

This revival of the absolute order with which the unified wholeness of natural law functions and maintains orderliness at every stage of evolution of life, is a blessing for every one in this scientific age, which is rising to be the age of enlightenment through Vedic Science, **Maharishi Mahesh Yogi** is currently formulating the Vedic science and will very much appreciate, if Sri S. K. Kapoor's time and talent are available for structuring Vedic science at a rapid pace, which is such a perfect science of life that with its both approaches - subjective and objective, it far exceeds the benefits of modern science which functions through objective approach only. We will be grateful to you, if you kindly spare his services for our Institute of Vedic Science preferably for two years in order to propagate the results of his research to our universities in Europe and America - Maharishi European Research University, Switzerland, Maharishi International University, Norway, Holland and USA and the forthcoming University of Natural Medicine in Brazil and other institutes of higher learning.

With respectful regards” The report of work done during two year (1988 to 1990) as Visiting Professor in the institute with Professor Krishnaji as Chairman, as submitted by Professor Krishnaji to Hon'ble Chief Justice of Punjab and Haryana High Court, Chandigarh, is as under:

“Shri Sant Kumar Kapoor, Chief Judicial Magistrate, Rohtak, was granted leave by your goodself for two years to carry on research in Vedic Mathematics as a Visiting Professor, in our Institute. He joined us on 25th May 1988.

Shri Sant Kumar Kapoor has done exceptionally meritorious work in Vedic mathematics. He has developed concepts involved in the structure of “Om” and the two Vedic structures “Know Brahman quarter by quarter” and “know fourth quarter Brahman as integrated value of the first three quarters.” He has also developed Vedic concepts of multi-dimensional geometrical space and structural frames and systems. He has established that the regular bodies of geometrical domains constitute a framed domains sequence.

$a^n / 2na^{n-1}$ , where  $n = 1, 2, 3, 4, \dots$   
and  $a$ =dimensional unit.

Using the above concepts, he has analysed several Vedic scriptures. Following are the results of his research activity:—

(i) Mathematical concepts and application to structural frames and systems of Sri Sri Vishnu Sahastranam Stotram.

(ii) Vedic mathematical concepts and applications to structural frame and systems of Sama Veda Samhita.

(iii) Vedic mathematical concepts and application to structural frames and systems of sixteen sutras.

(iv) Vedic mathematical concepts and application to structural frames and systems of Shrimad Bhagwad Geeta.

(v) Vedic mathematical concepts and application to unsolved mathematical problems – Five proofs of Fermat's Last Theorem.

All the above have been published as Institute Reports. The last one "Fermat's Last Theorem" has been published in the form of a book. Three Proofs have been published as a research paper in M.I.U. Journal "Modern Science & Vedic Science" Vol.3, No. 1, pp 75-104, 1989 USA. The two proofs have been submitted as a research paper to "Mathematical Reports of the Academy of Sciences" Canada. This work has acquired great importance because the original theorem was proposed by French Attorney and mathematician Pierre de Fermat in 1637 and nobody has succeeded in getting the proof inspite of continuous attempts by distinguished mathematicians for more than 350 years. Shri S. K. Kapoor has been awarded the Ph.D. degree by the Maharishi Research University, Seelisberg, Switzerland for his work on Sam Ved Samhtia.

The leave of Shri S. K. Kapoor is due to expire on 24th May, 1990, hence this report is sent for your information and official record."

Simultaneously, Professor Krishnaji had made a request with Hon'ble Chief Justice for further leave for Institute, which was allowed and I worked for another two years (1990-1992) as Visiting Professor and my research results have been summed up in one of the articles by Professor Krishnaji in Mathematics Today and reproduced as Appendix A of my book "Fermat's Last Theorem and Higher Spaces Reality Course".

"Vedic mathematics was lost to the modern world over several thousand years. Fortunately, the renowned scholar **Jagadguru Swami Bharti Krisna**

**Tirthahji Maharaj**, Shankracharya of Sharda Peeth and Goverdham Math discovered 16 Vedic Sutras and 13 Upsutras in the Parishistha of Atharvved. After continuous Sadhana and hard work, he was able to decode them and get wide ranging mathematical principles and applications from them.

He found that these Sutras cover all aspects of mathematical science in depth. He wrote sixteen volumes on Vedic mathematics covering all aspects of these sutras in depth. Unfortunately, the manuscript was lost which fact was finally confirmed in 1956.

During his last days when his health was failing and his eyesight was weak, he rewrote from his memory an introductory account of the subject. He attained Mahasmadhi in 1960. Later in 1965 a book entitled "Vedic Mathematics" was published. This book is edited by Dr. V.S.Agarwala with the help of Smt. Manula Trivedi on the basis of manuscript and notes left by Swamijee.

This book is therefore, the first book to give a glimpse of Vedic mathematics and to reestablished the subject. The book attracted the attention of several Indians and foreigners. Dr. Narinder Puri of Roorkee University took up the cause of Vedic Mathematics in right earnest.

His Holiness Maharishi Mahesh Yogi spread the message of Vedic mathematics throughout the world by sending Dr. Puri to several countries and making it possible for many schools all over the world start teaching Vedic mathematics.

A former minister of Human Resource Development, in the Government of

India, Sh. P.V.Narasima Rao made a reference in Parliament about the work on Vedic mathematics, which created a wider interest in the nation. Rashtritya Ved Vidya Pratishtan started looking into the matter and appointed a committee on Vedic Mathematics.

During the same period a controversy arose about the source of these 16 Sutras and the level of mathematics contained in them. One view was that these Sutras do not have a Vedic source and that they deal only with simple arithmetical operations.

In the meantime, Dr. Sant Kumar Kapoor, inspired by integrated impact of the Ganita Sutras, started working on basic aspects of the mathematical structure of Vedic literature. He got several clues from Ganita Sutras, Maheshwara Sutra and many other Vedic Mantras.

He was inspired by the divine blessing from Yograaj Sri Sripad Babaji of Vrindavan and His Holiness Maharishi Mahesh Yogiji at Maharishi Nagar. He has been awarded Ph.D. degree by Kurukshetra University, in December 1990 on his thesis titled "Mathematical Basis of Vedic literature".

His work shows that the potential of Ganita Sutras is much higher than what appears in the book "Vedic Mathematics" and the mathematical structure of Ganita Sutras is similar to that of Samved indicating that Ganita Sutras belong to Vedic family.

His work shows that the Devnagri alphabet and the Vedic scriptures are mathematically organized. Perhaps a

more important aspect of his work in the existence of Real Geometric Spaces of higher dimensions in the form of a continuum.

A comprehensive description of his research is given in the next section. Dr. Sant Kumar Kapoor is presently working as a Visiting Professor in the Indian Institute of Maharishi Vedic Science & Technology, which is a part of Maharishi Ved Vigyan Vishwa Vidyapeeth, Maharishi Nagar. Three research students are working in our institution on the structure and properties of fourth, fifth and sixth dimensional spaces.

### **Vedic mathematical Research done by Dr. S. K. Kapoor**

Studies reveal that knowledge and organisation of knowledge are two distinct disciplines. The thesis of Dr. S.K.Kapoor is substantively covering the organisational aspect of Vedic knowledge. The main results of the thesis and his subsequent research can be summed as under:

1. *Real 4 and higher dimensional spaces do exist.*

*Real 4 and higher dimensional spaces were not only known to the Vedic seers but those were precisely availed by them for organisation of Vedic knowledge.*







*Vedic alphabet format is a precise setup of 4-space. The alphabet letters of Devnagri script, their forms formulations, combinations and rules etc. are precisely mathematical.*

*Sakala Rigvedic Samhita is the oldest set scripture of mankind. The*



organisational format of this Samhita is precisely that of real 6-space.

Vedic knowledge accepts a measuring rod constituted by regular bodies of the first six real dimensional spaces which admit formulations as:

Interval	Square	Cube	Hypercube-4	Hypercube-5	Hypercube-6
					
1-space body	2-space body	3-space body	4-space body	5-space body	6-space body

The organisational format of Srimad Bhagwad Gita emerges to be of prime importance as it is parallel to the organising power of the knowledge content of the scripture. This format tallies with the format of human body on the one hand and the sun on the other hand as of real 6-space.

The Trinity of Gods namely Brahma, Mahesh, Vishnu are the overlords of real 4, 5 & 6 spaces respectively.

The geometrical continuum expressed as manifestation layers of 4 folds of consecutive dimensional spaces contents. These folds of the  $n$ th manifestation layer can be represented as under:

First Fold	Second Fold	Third Fold	Fourth Fold
Dimension	Frame	Domain	Origin
( $n-2$ ) space content	( $n-1$ ) space content	$n$ -space content	( $n+1$ ) space content

The transcendence from one manifestation layer to another manifestation layer giving rise to the following (five steps) chain reaction or

five steps, which are possible within the setup of Panch Mahabhut.

Manifestation Layer	Dimension	Frame	Domain	Origin
$n$ th	Space fold ( $n-2$ )	Space fold ( $n-1$ )	Space fold $n$	Space fold ( $n+1$ )
( $n+1$ )th	Space fold ( $n-1$ )	Space fold $n$	Space fold ( $n+1$ )	Space fold ( $n+2$ )

Transition from one space to another space is to be had in terms of unlocking of the seals of the origin points of all the four folds of the manifestation. The modern mathematical models of transition from straight line to plane deserve serious reexamination. In particular the axioms of space filling curves and the axioms of 'one' without a predecessor deserve close scrutiny as their rationale emerges to be without basis.

The role of real numbers additive group ( $\mathbb{R}, +$ ) and real numbers field ( $\mathbb{R}, +, \times$ ) with reference to straight line deserve to be differentiated.

The plane deserves to be studied as four geometrically distinct quarters. One faced plane and two-faced plane are two distinct geometrical setups and they deserve to be taken up as such.










The concepts of origin and dimension are two concepts with respect to which the modern geometrical models are not up to date. These two concepts deserves to be studied in detail as transcendence to the higher dimensional spaces is possible only in terms of their understanding.

Human body is a compactified phenomenon of multi-layer physiological existence. The start with state of existence is that of waking state, which is parallel to the expression of 1-space as dimension into 3-space domain. Sequentially, the existence phenomenon unfolds until seventh state of consciousness, which would be corresponding to the 7-space as dimension into 9-space domain.

The origin point of the 6-space, being the 7-space setup, the human body, geometrically, turns out to be hypercube-6 and this would explain how the primordial sound, the planetary effects, the Yajna oblations etc. operate and precisely influence the individual existence patterns.

Srimad Bhagwad Gita is one such scripture whose organisational format precisely workout for us the structural set up and frames of the 6-space. The study zone of Srimad Bhagwad Gita can be worked as under:

Srimad Bhagwad Gita  
Study Zone

$a/2$	$a^2/4a$	$a^3/6a^2$	$a^4/8a^3$	$a^5/10a^4$	$a^6/12a^5$	$a^7/10a^6$	$a^8/8a^7$	$a^9/6a^8$	$a^{10}/4a^9$	$a/2$
—										—
$2 \times 1$ =2	$4 \times 2$ =8	$6 \times 3$ =18	$8 \times 4$ =32	$10 \times 5 = 50$ $50 \times 7 = 350$	$10 \times 5 = 50$ $50 \times 7 = 350$	$8 \times 4$ =32	$6 \times 3$ =18	$4 \times 2$ =8	$2 \times 1$ =2	
Orbitals				$350 + 350 = 700$						
2	6	10	14	$18 = 5 + 6 + 7$						

The organisational setups of Ganita Sutras, Maheshwara Sutras, Saraswati Mantras, Gyatri Mantra and Om formulation deserve interdisciplinary explorations.

Sankhay Nistntha and Yoga Nistha are complementary and supplementary of

each other and as such their complementary nature and supplementary nature deserve to be distinguished well. Non-differentiation of the same is bound to deprive us of most of the results in specific forms.

Now let me take up how the subject contents of my different books are indexed in their prefaces. First starting with “Vedic Mathematical Study of Structural Frames and Systems of Sri Sri Vishnu Sahastranam Stotram”, published by Maharishi Ved Vigyan Vishwa Vidyapeetham, Maharishi Nagar–201304, (INDIA) (1991):

“Preface

The present study aims at approaching the organisation format of the scripture; Sri Sri Vishnu Sahastranam Stotram. This is a scripture of 107 verses and it composes 1000 names of Lord Vishnu, who is overlord of real 6-space.

Though the modern mathematics too talks of dimensional spaces higher than three but those are mere mental-constructs. The modern mathematics has striped the concepts of dimension from geometrical reality and as such the suffix ‘Real’ before 6-space is of real significance here in this study.

If it is only while faced with problems of the classifications of the geometries of dimensional spaces and the sporadic finite groups, we are really face to face with the intensity and richness of each space beyond 3 space. Sylvestor’s classification theory of  $n+1$  geometries of  $n$ -space is just a property of real 4-space.

It is a simple shift from monad without partes which gives us 1-space as dimension of 3-space to synthetic monad of two parts of real 4 space with 2-space as dimension. In a sequence, the real 5-space and 6-space are having synthetic monads of 3 parts and 4 parts respectively and accordingly their dimensions are 3-space and 4-space.

Vedic literature avails real 4, 5 & 6 spaces for organisation of knowledge. These spaces respectively contribute 24, 25 and 26 Tatavs (elements / characteristics properties).

The step beyond Sylvester's classification or  $n+1$  geometries of  $n$ -space would be to enter real 5-space where we shall be getting  $2n+1$  geometries of signatures  $-n$  to  $+n$  of  $n$ -space.

The step beyond the 25th sporadic finite group would be a step into the real 6-space and we straight way get the number of elements of 26th sporadic finite group as  $10 \times 12^6$ . And with it, the classification assignment over which practically we have consumed complete nine decades or this century and still 26th group is eluding, gets answer from ancient wisdom of real spaces.

This would help us appreciate the ancient wisdom to accept the measuring rod of real bodies of first six real spaces admitting ratios of their domain parts as  $a : 2na^{n-1}$ ,  $n = 1, 2, 3, 4, 5, 6$ .

This all is being added here just to impress upon the rationale for the choice of Sri Sri Vishnu Sahastranam Stotram for organisational study.

However, I would like to add at the outset that by all means it is just a preliminary study into the structural frames and systems of this scripture and the real studies would follow from the pens of really the real privileged souls who, I pray, should spare moments from their blissful samadhi to give the desired direction to the flow of intelligence of the present generation.

Sri Sri Vishnu Sahastram Stotram is the holiest of the Holy Scriptures whose enlightenment was the last discourse to the Pandavas given by great Bishma from his deathbed of arrows in the battlefield of Kurukshetra in the presence of Lord Krishna, incarnation of Lord Vishnu. This, that way, is the scripture of perfection and hence the proper scripture of the Sankhya nistha as well as the Yoga nistha.

His Holiness Sri Sripad Babaji initiated me into Sankhya nistha as the science of organisation of the Universe on the artifice of natural numbers. His Holiness Maharishi Mahesh Yogi has initiated me further in the subject that the Sankhya nistha is the science of self-organising power of the pure knowledge.

The specific processing lines, which I describe as Sripad processing line is to know Brahman quarter by quarter and the Maharishi processing line is to know fourth quarter of Brahman as integrated quarter of first three quarters.

The present study in a way is nothing but the extent to which I could comprehend only that much and over and above that are the limitations on language and what not and so the humble request that they may skip over

such stages by their own contemplation which is the only guide in such like adventures or mortals like me regarding the vedic scripture of perfection

× × ×

With all humbleness this study is submitted with the hope that the advanced students of Vedic science and technology will continue the processing further into this and other scriptures. Here is a caution for them that the first correction which the modern mathematics needs in the discipline of geometry is regarding its hypothesis of space filling curves.

This hypothesis deserves to be rejected. The second thing which I would like to suggest is that the continuum be approached the Vedic way as manifested layers of four-folds of four consecutive space-contents and not 'individual dimensional space wise' as is being attempted at present by the modern mathematics.

Before submitting the present study for consideration of the scholars I feel it may duty to share the first principles of decoding the knowledge content from the organisational format of the Vedic scriptures. The keyword of this principle is Shardha and culmination is the word nistha.

The principle operates as: Samsayatma Vinasyanti (Gita-4.40). Practical working rule comes to be that the doubt destroys everything, the scriptural commands deserves to be approached faithfully, the words of seers deserve to be taken up on their face value.

To have an idea that how difficult it becomes to gain anything from the Vedic systems the moment one approaches them with an initial doubts, we can see what mess stands created by the individuals about the powerful systems of Ganita Sutras."

Professor Krishnaji has expressed by way of Forward of this book as: "I am happy that, I am able to seek the blessings of H.H Mahairshi Mahesh Yogi on the first publication of the Indian Institute of Maharishi Vedic Science & Technology in a record time. Shri S. K. Kapoor, who is Visiting Professor in the Institute has produced, wonderful work, entitled "Vedic mathematical concepts and its application to structures and systems of Sri Sri Vsihnu Sahastranam Stotram".

This publication is the first publication or its kind in which Sh. S.K.Kapoor has introduced the Vedic geometric formula called "Gurudev formula" and has introduced the concepts of "Divya Ganga flow" and "Om formulation".

He has explained the basic difference between conventional geometry and Vedic geometry e.g., the point in Vedic geometry has a structure whereas the point in conventional geometry is dimensionless.

He has gone into sufficient yet restrained details of the new concepts and the rules before applying them to the structural systems or the scripture Sri Sri Vishnu Sahastrannam Stotram.

He has shown without any strain and without any doubt that Vedic mathematical concepts are able to explain unambiguously, the number of

names of Lord Vishnu included in every individual Shaloka of the scripture.

His writing comes directly from his thinking. His gift of thinking is original but the inspiration given by H. H. Shri Pad Babaji of Vrindavan and H. H. Maharishi Mahesh Yogi is clearly visible. The knowledge is drawn from the vast treasure of Maharishi Vedic science and technology but the representation is original.

In recent year, there has been a revival of the ancient Vedic knowledge because a very large section of people have started realising that Vedas are the infinite source of complete knowledge and have existed from times immemorial.

However, there has been an unfortunate tendency, primarily due to ignorance, of comparing and trying to understand Vedic science in terms of the modern science. Very few people realise that the modern science utilises only the objective approach whereas Maharishi Vedic Science utilises both objective and subjective approaches to gaining knowledge simultaneously.

The epistemological nature of the ancient Indian knowledge is based on the understanding that the process of intuitive revelation of true knowledge in the individual mind can be controlled by eliminating the difference in the operation of emotions and intellect through their unification by the techniques of Yoga Darshan.

It will be of interest to the student of Vedic science, if they carefully understand the difference between

modern science and Maharishi Vedic science.

Vedic mathematics is one particular component of Vedic science. Mathematics is called the queen of sciences and is the fundamental base on which all planning is done and all structures are raised.

Shri S. K. Kapoor is using this as an axiom and has applied the Vedic mathematics concepts as an integral part of Maharishi Vedic Science and Technology to investigate in the volume a particular case of structures and systems of Sri Sri Vishnu Sahastranam Stotram.

The readers may find it difficult to comprehend the subject during the first reading because they are used conditioned to the usual objective approach of conventional mathematics.

The second and subsequent readings, however, will reveal to them the real meaning of concepts and therefore, the immense beauty and power of this knowledge.

The Indian Institute of Maharishi Vedic Science and Technology is a research institute covering all aspects of Vedic Science & Technology including Vedic philosophy, structure of Vedic knowledge, Vedic mathematics, Ayurveda, Jyotish, Ganderva Veda Dhanurveda, Sathapatyaveda etc.

The Vedic science covers the widest possible spectrum from point to infinity and back to the point and the infinitely expanding universe. I hope that the present publication will re-open the

infinite sources to pure knowledge, which has always existed in the supreme consciousness and has been frozen in the self-referral individual consciousness also from times immemorial.

One will find that before the main text there is an abstract table giving geometrical coordination of 1000 names of Lord Vishnu. To begin with, it may be incomprehensible to the understand reader, but it will certainly show that the Vedic geometry deals with the dimensions higher than 3, that is 4th, 5th, 6th dimensional frames whereas conventional geometry does not go beyond third dimensional frame.

The implications of this work are multidimensional and far-reaching. One aspect is the Vedic claim that faithful recitation of Sri Sri Vishnu Sahastranam Stotram can cure all kinds of fevers. This can easily be understood because the studies reveal:

“The Vedic sounds are multi-dimensional domains’ frequencies from within a particular dimensional domain as the structure of that domain. When the sounds are pronounced, the frozen frequencies get initiated and the self-organising power of the Vedic sounds sets the frequencies’ potentialisation process into action. It is this process whose utilisation is the aim of different Vedic scriptures.”

This work is being submitted at the feet of H. H. Maharishi Mahesh Yogi for his blessing.

Jai Guru Dev!”

The book “Vedic Geometry” of mine published by M/s. Arya Book Depot, Karol Bagh, New Delhi (in 1994) indexes it preface as:

“The present introductory volume aims to introduce the ancient discipline of Vedic geometry. We may formally define Vedic geometry as a discipline of Geometry based on Vedic concepts.

Studies of mathematical basis of Vedic literature reveals that 4 and higher dimensional reality was not only known to Vedic Rishis but also put to practical use by them for organisation of pure knowledge on geometric formats, particularly, real 4, 5 and 6 space formats.

Vedic comprehension of geometric reality is characteristically different from our present-day conclusion. Basic difference in the two approaches viz. modern approach vis-a-vis Vedic approach can be appreciated in terms of the concept of dimension. Modern Cartesian dimensional approach makes all dimensional spaces the linear dimensional spaces as much as that 1-space is to play the role of dimension for all dimensional spaces while, on the contrary, Vedic comprehension comes to be that n-2 space plays the role of dimension of n-space.

This glaring difference may well be focused algebraically as that as per modern model we may express 4, 5 and 6 spaces as  $A^4$ ,  $A^5$  and  $A^6$  while as per Vedic model their expressions comes to be  $(A^2)^4$ ,  $(A^3)^5$  &  $((A^2)^4)^6$ .

The above difference and impact of n-2 space playing the role of dimension of n-

space comes to be that it requires 4 consecutive dimensional spaces to manifest a dimensional body as a 4 fold body having distinct dimension fold, boundary fold, domain fold and origin fold.

Our well-known solid bodies having cubes as their representative regular bodies avail 1-space as dimension fold, 2-space as boundary fold, 3-space as dimension fold, and 4-space as origin fold. In general  $n-2$ ,  $n-1$ ,  $n$  and  $n+1$  spaces together synthesis and manifest 'n' dimensional body which may be designated as  $n-2$  manifestation layer.

Also it may be designated as hypercube- $n$ . This makes our modern set theory or binary compositions a study of 0 manifestation layer and Euclidean geometry a study of 1-manifestation layer while Vedic geometry takes up all manifestation layers within its domain.

The beauty of this discipline lies in its capacity to unify all discipline of knowledge as a single discipline. Illustratively, human body, sun, nucleus or nucleus of atom, 6-space, organisation of knowledge of Srimad Bhagwad Gita etc. etc. are all availing the format of hypercube 6 i.e. 4 manifestation layer.

This would help us appreciate the uniqueness of approach and richness of content of this discipline. But this is just a first glimpse. Real bliss lies ahead with unification of entire existence phenomenon as impulses of consciousness."

This "Vedic Geometry" book has 10 chapters with split-up of contents as under:

## Chapter-1

### **INTRODUCTION OF THE SUBJECT**

- 1.1 Vedic geometry
- 1.2 Vedic knowledge
- 1.3 Vedic literature
- 1.4 Organisation of knowledge
- 1.5 Geometric formats
- 1.6 Organisation parallel to knowledge content
- 1.7 Four space
- 1.8 Five space
- 1.9 Six space
- 1.10 Trinity of gods.

## Chapter-2

### **BASIC CONCEPTS AND FORMULATIONS**

- 2.1 Synthetic monads
- 2.2 Manifestation layers
- 2.3 Transcendence at the origin
- 2.4 Regulation acceleration of transcendence
- 2.5 Measuring rod
- 2.6 Generation status of elements
- 2.7 Place value system
- 2.8 Power sets
- 2.9 Reflection operation
- 2.10 Structural constants

## Chapter-3

### **TRINITY OF GODS**

- 3.1 Trinity of gods
- 3.2 Lord Brahma
- 3.3 Lord Shiv
- 3.4 Lord Vishnu
- 3.5 Real 4-space
- 3.6 Real 5-space
- 3.7 Real 6-space
- 3.8 Mathematics of di-moand
- 3.9 Mathematics of tri-moand
- 3.10 Mathematics of tetra-moand

## Chapter-4

### **SHADCHAKRAS**

- 4.1 Shadchakras
- 4.2 Shadchakras format of human body

- 4.3 First Shadchakra
- 4.4 Second Shadchakra
- 4.5 Third Shadchakra
- 4.6 Fourth Shadchakra
- 4.7 Fifth Shadchakra
- 4.8 Sixth Shadchakra
- 4.9 Coordination of Shadchakras
- 4.10 States of consciousness

#### Chapter-5

### **VEDIC GEOMETRY**

- 5.1 Vedic geometry
- 5.2 Mathematics of 4-space
- 5.3 Mathematics of 5-space
- 5.4 Mathematics of 6-space
- 5.5 Science of 4-space
- 5.6 Science of 5-space
- 5.7 Science of 6-space
- 5.8 Technology of 4-space
- 5.9 Technology of 5-space
- 5.10 Technology of 6-space

#### Chapter-6

### **VEDIC NUMBER THEORY**

- 6.1 Vedic number theory
- 6.2 Parallelism between artifices of whole number and dimensional spaces
- 6.3 Chasing organisation of boundary of 5space
- 6.4 Chasing organisation of boundary of 4 space
- 6.5 Chasing organisation of boundary of n space
- 6.6 Addition and bindary operation Of 1-space
- 6.7 Subtraction and bindary operation of -1 space
- 6.8 Real line is solid line
- 6.9 Dedekind's cut work out half open interval.
- 6.10 Calculus is science of boundary hypercubes.

#### Chapter-7

### **GANITA SUTRAS**

- 7.1 Ganita Sutas text
- 7.2 Organisation format of Ganita Sutras
- 7.3 Organisation of 16 Sutras
- 7.4 Organisation of 13 Upsutras
- 7.5 Organisation of 46 constructs
- 7.6 Organisation of 520 letters
- 7.7 To reach at the applied values of Ganita Sutras:
  - Ganita Sutra-1
  - Ganita Sutra-2
  - Ganita Sutra-3.

#### Chapter-8

### **STRUCTURAL FRAMES AND SYSTEMS OF SAMVED SAMHITA**

- 8.1 Introduction
- 8.2 First part of Samved Samhita
- 8.3 Second and third of Samved Samhita
- 8.4 Purva Archik; Sum-up
- 8.5 Chapter-1 Dastis 1-12
- 8.6 Purva Archik Mantras of chapter-1

#### Chapter-9

### **STRUCTURAL FRAMES AND SYSTEMS OF SRIMAD BHAGWAD GITA**

- 9.1 Organisation of knowledge
- 9.2 Understanding the systems of Srimad Bhagwad Gita
- 9.3 Organisation of the text of Srimad Bhagwad Gita
- 9.4 Organisation of the knowledge of 18 chapters.

#### Chapter-10

### **CONCLUSION AND THEIR APPLICATIONS TO THE SOLUTION OF FERMAT'S LAST THEOREM**

- 10.1 Fermat's Last Theorem
- 10.2 Four folds approach
- 10.3 First proof
- 10.4 Proof by direct comparison
- 10.5 Transcendence approach
- 10.6 Power expression
- 10.7 Power sets



## 10.8 Aspects 1 to 12.

International Sanskrit Research Academy (Regd. Trust), Bangalore in its letter dated June 22, 1996, conveyed its editorial team's view regarding Chapter-9 titled "Structural frames and systems of Srimad Bhagwad Gita" of my book "Vedic Geometry" (pages 433 to 458) as under:

"This is an inter disciplinary study bringing out the link between the Vedic geometry and the classical text of philosophy namely Bhagavagita in the Chapter-9. This study can further lead us to understand the relation of Gita with other important scientific disciplines in the Indian tradition about which the present knowledge is very meager. This article is a stimulator for further studies."

In the Preface to my book "Fermat's Last Theorem and Higher Spaces Reality Course" published by M/s. Arya Book Depot, the subject content is indexed and focused as under:

"Preface

Present phase of intellectual history of man begins with seventeenth century. Over all these years, one statement, which remained source of intellectual challenge, is the statement of Fermat's Last Theorem. It is rightly stated "those non-mathematicians who really wants to understand the essential nature of mathematics and how it is created ought to begin with this discussion" (of our recorded history how bravely we fought to conquer the fort of this statement).

The French Attorney and mathematician Pierre de Fermat (1601–65) made his

assertion in 1637 as the following note (original in Latin admitting English rendering translation as given below) in the margin of mathematics book (Bachet's translation of Diophantus' Arithmetica, great classics of ancient Greek mathematics) he was reading at that time:

*It is impossible to separate a cube into two cubes, a biquadrate into two biquadrate, or in general any power higher than second into two powers of like degree. I have discovered a truly remarkable proof which this margin is too small to contain'*

Prof. Paulo Ribenboim in his essay titled "Early History of Fermat's Last Theorem" highlights amongst other features, the fact that despite efforts no proof could be traced from the paper left behind by Fermat and that one school of thought is gaining grounds when he adds: 'It is very difficult to understand today how the most distinguished mathematicians could have failed to rediscover a proof if one had existed.'

This article despite above reservations earned a hopeful editorial comment: 'It is amazingly simple question but whose solution eluded the world, the world of mathematics to this very hour.'

The present work approaches this theorem from many angles and put forwards several alternative proofs but the crowning jewel is the equally simple answer for an amazingly simple question. The answer runs as that on format of volume of cube;

$$z^3 = x^3 + y^3 \text{ implies } (z-2)^3 = (x-2)^3 + (y-2)^3 \text{ as}$$

$$a^3 = (a-2)^3 + 6(a-2)^2 + 12(a-1) + 12(a-1)^0$$

Number value cube = volume + surface area + length of edges + value of corner of geometric cubes.

The law of impossibility of infinite descent proves the case  $n=3$ .

As such the dimensional order of odd hypercube- $n$  such that  $n=2m+1$  comes to be  $1 \times 3 \times 5 \times 7 \times \dots \times 2m+1$  and for even hypercubes- $n$  such that  $n=2m$  comes to be  $2 \times 4 \times 6 \times 8 \times \dots \times 2m$ , therefore, for all hypercubes- $n$  such that  $n=4$  implies that dimensional order of hypercube  $n$  is divisible by 3. Therefore,  $n$  is divisible by 3.

Therefore, the general case for  $n=4$  immediately follows from case  $n=3$  as we can rewrite  $z^n = x^n + y^n$  as  $(z^{n/3})^3 = (x^{n/3})^3 + (y^{n/3})^3$ . The case  $n=4$  was proved by Fermat himself. The initial choice or format of volume of cube restricts  $n$  to be greater than 2. Hence, the general proof.

The source concepts at the base of above proof is:  $n-2$  space plays the role of dimension of  $n$ -space. It is well preserved in our Vedic literature. Two such references are Uttarkand 79(ka) Ramcharitmanas and Bhagwad Mahapuran (10.9.15-16).

General Proof (at pages 104-110 of this book) was sent by the author to Prof. Paulo Ribenboim who referred it to referee but unfortunately lost it.

To be at most natural answer is an intellectual satisfaction but his is the

beginning of the new wonderful higher dimensional reality displayed beyond this point.

The mathematical truth of this theorem is the basic foundation stone for jumping from three space reality to four and higher space reality. Aim of this work is to attempt a school courses for higher dimensional mathematics to mature the young brains by exposing them to the geometric formats of mathematics, science & technology of real three, five and six spaces over a duration of post-middle four years duration of school education so that present generation may have taste of the bliss of Vedic wisdom.

The efforts of the author would get amply rewarded if this work helps the students and teachers of mathematics to think about the ways and means of coming out of a single space (three space) model of mathematics, science and technology.

Eternity of Vedic knowledge is there because of eternal organisation formats of Vedic knowledge. Idols of Trinity of Gods manifest on formats of hypercubes 4, 5 and 6. These together as three folds of four manifestation layer with 4,5,6 and 7 space as dimension, boundary, domain and origin fold constitute a really wonderful format being availed as organisation format for Vedic wisdom.

Because of it, seven-place value system has a unique role to play. As is evident from the table below, all the six numbers 1 to 6 of seven-place value system acquire same value i.e 1 for power 6.

		Digits					
		1	2	3	4	5	6
Powers	1	1	2	3	4	5	6
	2	1	4	2	2	4	1
	3	1	1	6	1	6	6
	4	1	2	4	4	2	1
	5	1	4	5	2	3	6
	6	1	1	1	1	1	1

As such, it may be very easy to physically test even case i.e.  $n-2m$  cases for  $n>4$  on seven place value system.”

The book “Foundations of Higher Vedic Mathematics” published by M/s. Arya Book Depot, has indexed in its Preface as:

“Ved means ‘knowledge’. Studies of available Vedic literature reveal that Vedic seers had successfully organised whole range of knowledge as a single discipline as a speaking language. Further, studies reveal that our ancestors could achieve success par excellence by first comprehending Reality which ends up as Triloki (three space) as higher dimensional Reality and secondly, by making use of this comprehension of higher dimensional Reality for the required geometric formats for organisation of Vedic knowledge.

Upanishads are the end-product of Vedic literature. The enlightenment of Upanishads takes us to the fundamental unity of Reality as much as that Purusha emerges to be the first manifested incarnation of Brahm (Sri Sri Vsihnu Puran). The specific enlightenment of Upanishads is that Lord Vishnu, Sun, Purusha, Atman and real six space are organisationally in unison with each

other. It is this enlightened comprehension, which may be taken as the source for unification of knowledge on six-space format.

Further, studies of mathematical basis of literature leads to the conclusion that the organisation format of hypercube-6 (being the representative regular body of six space) is structurally very rich and is capable of organizing the whole range of pure knowledge as a single discipline as a speaking language as real six space, if viewed linearly, is a space of  $2 \times 4 \times 6 = 48$  linear dimensional order.

Upanishad further enlighten us that Lord Vishnu accepts hypercube-6 as format for His Idol, Shad-Chakra format of human body admits coordination through Sushmana Nari and takes us to the core of sun parallel to the measuring rod of first six hypercubes accepted by Sthapatya Ved. In fact, every Vedic literature makes use of one or other aspect of hypercube-6 for organisation of knowledge.

In the opening paragraph of chapter-1 of present studies it has been made specific that: Vedic mathematics, as it is, yet to be explored. Though whole domain and the scope of Vedic mathematics, as it is, yet to be explored but three distinct approaches, to which we may have access at present, are, firstly, ‘on the artifices of whole numbers’ of Ganita Sutras, as interpreted by H.H. Swami Bharti Krishna Tirthaji Maharaj, secondly ‘on the geometric formats’ of Maheshwara Sutras, as is expounded by H. H. Sri Sripad Babaji Maharaj, and thirdly, ‘on consciousness state of human physiology’ as unfolded by H.H.Maharishi Mahesh Yogiji Maharaj,

known as 'Maharishi's Vedic Mathematics'.

Present studies are titled 'Foundations of higher Vedic mathematics' as here attempt is being made to reach at the foundations of higher Vedic mathematics on which the Vedic knowledge has been organised as a single discipline as a speaking language. Mahalakshmi Astham Stotram has been taken as the reference scripture for measure the success of studies.

Present study for foundations of higher Vedic mathematics is being divided into four chapters as four steps. The first step is to introduce the basic concepts and formats required for reaching at the organisation formats of different folds of Vedic mathematics text. This as such is the topic of study of the first chapter.

The inner evidence of available Vedic literature makes out that Om formulation is the basic formulation without whose proper understanding it may not be possible to have desired insight into the working rules of Vedic mathematics at the base of the organisation of Vedic knowledge and as such the second topic of study of chapter-2 is 'Om Formulation'.

The organisation of knowledge being for working out the systems which end up as Triloki and as such the third topic for detailed study which need be taken and in fact is being taken up in the present study as chapter-3 is 'Structural richness of a cube'.

With Mahalakshmi-Ashtakam Stotram at the centre and transcendental meditation as the basic technology, attempt has been

made to ascertain the specific properties of a geometric space as the Santana (eternal format/real 5-space) accepted for the organisation of Vedic knowledge.

Mahalakshmi Ashtakam Stotram is a scripture of Stuti Shalokas devoted to Goddess Mahalakshmi. Devotees by faithfully reciting these Shaloks get blessed with Vibhuti and Shakti of Vishnu-lok. This is the fruit of pure knowledge, the Vedas.

Devotees just recite the Stuti shaloks with full faith and get blessed with the godly grace. For all those who wish to be blessed with such a grace, for them, there is no choice, but to recite these Shalokas with faith. Such readers may straight a way go to the text of the Stotram (chapter-4) and faithfully recite the same be blessed with godly grace of Goddess Mahalakshmi.

The conclusion of the studies comes to be that: Vibhuti and Shakti of the Vishnu-lok manifests at boundary or Vishnu-lok (real 5-space in the role of boundary) as well as Saptrishi-lok as stands released with unlocking of the seal of the origin of Vishnu-lok. This is there because of the Goddess Mahalakshmi, the consort of Lord Vishnu, manifesting as real 5-space playing the role of boundary of 6-space and dimensional order of 7-space.

This privileged state of Vibhuti and Shakti of Vishnu-lok is there because of the Goddess Mahalakshmi. This is the state whose comprehension and understanding has much education for us who are interested in sciences, mathematics and technology of higher real spaces, particularly as to how the

continuity of manifestations is being maintained by the dimensional contents which otherwise remain sealed at the origins of the dimensional spaces.

The concept of release of higher dimensional content with unlocking of the seal of the origin and transcendence setting into action is the most fundamental concept, which is not known to the present day sciences and technologies. Four consecutive dimensional spaces manifest simultaneously as four-fold manifestation sequentially playing the roles of dimension, boundary, domain and origin with origin normally remaining in dormant state but otherwise being capable of being initiative.

This in Vedic technological language would mean chiseling of an eye. In Yogic language it would mean attaining transcendence state for higher state of consciousness. This precisely in geometric language would mean the release of next higher dimensional space.

Though in the present study which aims to outline some of the steps for foundations of higher Vedic mathematics, an attempt is being made to make this study a self-contained one but despite every effort it has not become possible to go for defining each and every technical term used here and as such I feel that one reading of my book on "Vedic Geometry" may be of great help.

Before presenting the studies to the readers, I feel it my duty to express that this study simply would have been without shape, but for the enlightenment of Maharishi's Vedic mathematics'

statement sharpened and focused by H.H.Maharishi Mahesh Yogiji Maharaj (as part of Maharishi's Absolute Theory of Defence). This has been annexed with the present studies to give the readers an idea as to what is going to be the final shape of things in the area of Vedic mathematics, and now wonderful worlds of higher dimensional Reality are awaiting for us.

Scholars may straight-a-way go to the Maharishi's Vedic Mathematics statement. The readers, who are not yet exposed to Vedic geometry and Vedic mathematics, may first go through chapter-3 of the present studies regarding "Structural Richness of a Cube". However, the readers who are already exposed to Vedic geometry and Vedic mathematics, they may start with chapter-1 titled "Steps for foundations of higher Vedic mathematics".

The reader who are interested to first to go through Om formulation, they may start with chapter-2 and the readers who are interested only in godly grace they may straight-a-way go to chapter-4 titled "Mahalakshmi-Ashtakam Stotram": Mahalakshmi Ashtakam Stotram blesses devotees reciting the scripture with faith.

With all humbleness, I share with the readers that my family has full faith in this scripture and everyone can be blessed with godly grace just by faithful recitation (three times a day) or Stuti Shaloks of Mahalakshmi Ashtakam Stotram.

Present study, in fact is a joint exercise of all the members of my family as every member has contributed for the completion of the work in his/her won

way. Further I would like to share with the readers that the present studies have become possible only because of the privilege to be at the feet to H.H. Sri Sripad Babaji Maharaj and had initiations into the organisation of Vedic knowledge and further being at the feet of H.H. Maharishi Mahesh Yogiji Maharaj and learnt Transcendental Meditation for transcendence values needed for reciting at the inner folds of organisation formats of Vedic knowledge.

Mahalakshmi-Ashtakam Stotram text is a composition of just 818 letter organised as just 11 Shaloks and its recitation even by reading the text is an exercise of less than five minutes. By way of study of chapter-4: “Mahalakshmi-Ashtakam Stotram”, it has been expressed about the organisation and composition of this scripture as that: The composition of this scripture as that: The composition range of 818 units is firstly organised as 352 syllables. These 352 syllables are further organised as 85 Padas (words). The Padas range of 85 units is organised as 22 composition ranges as half is organised as 22-composition range as half Shaloks of 16 syllables length. Ultimately these 22 composition ranges get organised as 11 Shaloks of 32 syllables each.

The organisation of individual Shaloks as 32 syllables of equal parts of 16 syllables is parallel to the organisation of 32 teeth in the mouth grouped as two jaws of 16 teeth each.

The human Nad had ultimately gets regulated through these 32 teeth arrangement as Shabad (Mantras). The organisation of Nad of 818 units of Mahalakshmi-Ashtakam Stotram is parallel to the organisation of the affine

space of a cube of 818 units. This organisation is further parallel to the organisation range of Vedic mathematics text of precisely 818 units.

Therefore, the organisation of 818 units composition of Mahalkshmi Stotram satisfy the first test of being of the potentialities of the nature which ends up as our Triloki. As such, everything what may be attained within human frame is ensured with faithful recitation of Mahalakshmi-Ashtakam Stotram.

The physical test of the organisation possible on the affine space within a cube and the intellectual test of the organisation of the Vedic mathematics text having been done, the interested readers may further have the satisfaction of the subjective test by themselves experiencing the taste of the Stotram.

For such interested readers, it is added that they should have faithful recitation of the scripture three times a day, initially with the help of written text till the text become fully enlivened in their consciousness, it would become possible for them to dispense with the written text and they may enjoy the recitation of the scripture while sitting in Pada-Asan. Though the recitation as such may turn out to be just of one-minute duration and even stage would reach where just attention would enliven the whole range of the text.

The blessed state of Mahalakshmi-Ashtakam Stotram getting enlivened just the moment there is attention to it becomes a permanent state provided one does not deviate from the laws of pure consciousness state which admits truth as its base/format for enlivened existence.

To achieve the enlivened state of existence may not be difficult but to make it a permanent state, one is to be ever truthful to oneself so that purity of consciousness is not diluted. If at any stage one feels that some circumstances of consciousness are having tendency to dilute the purity of consciousness, he should increase the number of recitations of this scripture to meet those uncalled for tendencies of those circumstances. Faithful recitation has the potentialities to overcome all such things.”

This book “Foundations of Higher Vedic Mathematics” published by M/s. Arya Book Depot, has four chapters with split-up contents as:

## **1. Steps for foundations of Higher Vedic Mathematics**

- 1.1 Introduction
- 1.2 Main results
- 1.3 Basic geometric formats and concepts
- 1.4 Vedic mathematics text
- 1.5 Illustrative case: Fermat’s Last Theorem
- 1.6 Organisation of Rigved Samhita
- 1.7 Jyoti Manifestation format
- 1.8 Triloki & trinity of gods
- 1.9 Conclusion

## **2. Om formulation**

- 2.1 Introduction
- 2.2 First set of rules of Om formulation
- 2.3 Second set of rules of Om formulation
- 2.4 Third set of rules of Om formulation
- 2.5 Fourth set of rules of rules for Om formulation
- 2.6 Studies: 4 components of Om formulation as first four-dimensional domains
- 2.7 Illustration I: Structure of an atom
- 2.8 Illustration II: 120 years cycle of human destiny

- 2.9 Illustration III: Human physiology: Shadchakra
- 2.10 Illustration IV: Lagrangian  $n=8$ .
- 2.11 Appendix: Occurrence of ‘Om’ in the ancient literature and some questions regarding multi-dimensional spaces.

## **3. Structural richness of cube**

- 3.1 Cube
- 3.2 Three space
- 3.3 Triloki and Lord Vishnu
- 3.4 Chasing Rigved organisation with cube
- 3.5 Chasing Vedic knowledge organisation with cube
- 3.6 Internal structure of a cube
- 3.7 Structural setups of a cube of edges as ten units
- 3.8 Bottlenecks of linear mathematics
- 3.9 Exposure to structural richness of cube
- 3.10 To arrive at a syllabi
- 3.11 For transition to course on hypercube-4

## **4. Mahalakshmi Ashtakam Stotram**

- 4.1 Introduction
- 4.2 Text of the scripture
- 4.3 Text as composition of 818 letters
- 4.4 Shalokawise structural data
- 4.5 Gyan Vigyan Yog
- 4.6 Sri Sri Durgasaptati
- 4.7 Goddess Mahalakshmi
- 4.8 Five as organisation format
- 4.9 Jyoti manifestation format
- 4.10 On Sanatana format
- 4.11 Commentary

My modest work “Patanjali Unison Discipline” is my first attempt as more in the spirits of a Sadhaka then in that of scholar, was blessed by my Guru His Holiness **Sri Sripad Babaji Maharaj**, with his forward:

“This Indian spiritual wisdom revealed first in and through the Vedas was well systematised and reconstructed in the six

orthodox systems of Indian philosophy, namely Nyaya, Vaisheshika, Sankhya, Yoga, Mimamsa and Vedanta. Based on scriptural authority and expounded by eminent Acaryas, these celebrated Darshanas ensure salvation to the serious aspirant. It is well known that philosophy in India has not been merely an intellectual enterprise, but a way of life. And herein lies the Sadhanatmaka character of Indian thinking.

It is against this background that the philosophy of Yoga should be understood. While recently there is a craze for Yoga, there is less seriousness for a correct apprehension of this spiritual science. An attempt at oversimplification and devising shortcuts is what is apparent here and there. In fact, Yoga is a matter of eternal inspiration for the Sadhakas. Hence, the relevance of the repeated and renewed studies of the basic texts of these great disciplines has dominated search of the truth since time immemorial.

In the context of such a huge and rich literature on the subject, as is amassed on Yoga to-date, it is indeed not an easy task to write a fresh commentary on the Yoga-sutras of Patanjali, which number 196, are an example of brevity and perfection with which ancient learning was preserved at the hands of Rishis.

Even an explanation of the aphoristic expression requires a mastery of the language, as well as a deeper insight into the field. While the size of the Yoga Sutras is not voluminous, it has been very rationally classified to present a scientific picture of spiritual ascent. The first section, dealing with the nature and technique of Yoga is known as Samadhi

Pada, since it is devoted to explain what the Yoga is. The second section has significantly been termed as Sadhana Pada, since it expounds the reasons for which one should adhere to the path of Yoga.

It aptly analyses the miseries of life from which liberation is sought, and it prescribes external preparatory disciplines, which attune the Sadhaka to Samadhi. The third section, called as Vibhuti Pada, lays down the internal Yogic techniques, which unfold the mysterious powers prior to attainment of Samadhi.

The last section is naturally Kalvya Pada, which thoroughly deals with the basic philosophical doctrine involved in the Yogic conception of bondage and liberation.

Sri Sant Kumar Kapoor of the Haryana Civil Service (Judicial), Palwal, has done an humble service by writing the book titled "Patanjali Unison Discipline". His modest work is more in the spirit of a Sadhaka than in that of a scholar. He has attempted a simple explanation note for each Sutra of the Patanjali Yoga-Sutras. May God grant him further inspiration in this noble direction, as the Patanjali Yoga Darshana is to first taste the ambrosia of yoga with the supreme, and then to reveal the experience. The lineage of Sadhakas as well as scholars has worked together on the Patanjali Yog Sutra from the ages to reveal and to experience the Yoga Sutras by their living evidence"

**His Holiness Sri Sripad Babaji Maharaj** saint of Vrindavan, the founder of Vraja Academy, Vrindavan blessed this work and made me His disciple



emerging to His satisfaction of Mahewshwara Sutras for proper channelization of natural order on the transcendental format of Om as Udgiti of Parvanava, AUM, Onkar and Vashitakar of Absolute order of Veda:

"The revelation of Eternal wisdom has been the eternal quest -- the meeting point of alpha and omega in Indian School of Thought. Lord Krishna reveals this lineage in Bhagvad Gita as:

'I taught this immortal Yoga to Vivaswan (Sun-god): Vivaswan conveyed it to Manu (his son); and Manu imparted it to (his son) Ikswaku' IV.1

The transmission of the light of knowledge from man to man and from age to age is handed down through the great ancillary of cosmic memory by the enlightened one to the seeker in quest. Whenever this link of interaction is broken the energy is stagnant and humanity stands at the crossroad. Symbolically, the churning of divine and demonic forces comes to the point of creating problems for right discrimination to decipher the Truth and find the right dimension of consciousness.

Since these ancient links are lost, intellectual attempts to regain them are being made since several decades. The present research work within the Vedic mathematical disciplines opens new horizons for modern science and inspires rational thinking to go back to the ancient metaphysical courses of the meeting point of thingness and nothingness, which the great symbol reveal in the mantras and shruti, in the journey of consciousness of the Pauranic kathas and

in the insight into the in-depth psyche of the Bhagavadgita.

Once again efforts are being made to provide a way to the rational scientist to link knowledge with the energy of an inscrutable faith, which can open in him the mystic eye or vision. The rejuvenation of this quest is deeply stressed and aims to arrive at a metamorphosis in the fields of eternal mathematics introduced here as the first of its kind.

Sri Sant Kumar Kapoor's quest – else engaged in the field of jurisprudence – has opened his intuitive faculty of study ancient scriptures in the light of modern mathematics. These studies were brought to focus by His Holiness Swami Bharti Krishna Tirthaji Maharaj, the Sankracharya of Kanchi Peeth around 1965.

As the Shrutis of the Vedas sing in chorus; "He is full, this is full, if fullness if taken out of fullness there remains fullness", so the heart of the Rigveda concludes that our thoughts should be same, our actions should be same, there should be no diversity between them, that the fullness of thought, speech and action should meet at alpha and omega, at-onement. To unlock the intuitive forces and dynamic energies in quest of the churned out Ambrosia the universal syllable AUM is beginning and the end. This research work is on its way to arrive at this very conclusion. May the Supreme Divine bless this venture."

Note : The contents of the subsequent books and works of the Author are being tabulated as follows-

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(Published by Arya Book Depot,  
Karol Bagh, Delhi)

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Chapter Two:

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Transcendental basis of Vedic mathematics

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(Published by Arya Book Depot,  
**Karol Bagh, Delhi**)

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Transcendental basis of Vedic Mathematics

**LEARN AND TEACH VEDIC MATHEMATICS**

(Published by Lotus Press,  
Darya Ganj, Delhi)

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**Vedic Mathematics Decodes  
Space Book  
(Chase of Space Plan of Existence  
phenomena)  
(Published by Lotus Press,  
Darya Ganj, Delhi)**

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(Published by Lotus Press,  
Darya Ganj, Delhi)

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(Published by Lotus Press,  
Darya Ganj, Delhi)

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(Published by Lotus Press,  
Darya Ganj, Delhi)

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(Published by Lotus Press,  
Darya Ganj, Delhi)

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(Published by M/s Unicon  
Foundation Trust)

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(Published by Lotus Press,  
Darya Ganj, Delhi)

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(Published by Lotus Press,  
Darya Ganj, Delhi)

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018. Dwadash Adityas द्वादश अद्वितीय
019. 5 space within 4 space
020. 6 space within 5 space
021. 7 space within 6 space
022. Pole star as origin of solar universe
023. 7 space as origin of 6 space
024. First Vowel

- 025. Second Vowel
- 026. Third Vowel
- 027. Fourth Vowel
- 028. Fifth Vowel
- 029. Sixth Vowel
- 030. Seventh Vowel
- 031. Eighth Vowel
- 032. Ninth Vowel

3. Section-3: Special Features Lessons

- 033. Existence phenomenon
- 035. Sun to Earth range
- 036. Shad charka format
- 037. Transcendental state
- 038. First basic element
- 039. second basic element
- 040. Third basic element
- 041. Fourth basic element
- 042. Fifth basic element
- 043. Sun to earth range
- 044. Pole star to Water range
- 045. Asht Prakrati to Fire range
- 046. Nav Braham to Air range
- 047. Par Braham to space range
- 048. Transcendental carriers-1
- 049. Transcendental carriers-2
- 050. Transcendental carriers-3
- 051. Transcendental carriers-4
- 052. Transcendental carriers-5

4. Section – 4: Knowledge Systems

- Of Ganita Sutras Lessons
- 053. Pure Knowledge :  
Self Organizing Value
- 054. Compactified Consciousness  
States
- 055. Zero To One
- 056. Mid Stream Balance
- 057. Peeling off of faces of surfaces
- 058. Compactified Origins
- 059. Sathapatya Measuring Rod  
Outward Progressions
- 061. Vedic Mathematics,  
Science and Technology
- 062. Vedic Mathematics

Of Ganita Sutras

- 063. Artifices Values Chase ‘One’
- 064. Ganita Sutra-1
- 065. Ganita Upsutra-1
- 066. Ganita Sutra-2 And  
Ganita Upsutra-2
- 067. Ganita Sutra-3 And  
Ganita sutra-4
- 068. Ganita Sutra-5 And  
Ganita sutra-6

- 069. Ganita Sutra-7 and  
127-133 Ganita Sutra-8
- 070. Ganita Sutra-9 and  
129-130 Ganita Sutra-10
- 071. Ganita Sutra-11 and  
133-134 Ganita Sutra-12
- 072. Ganita Sutra-13 to 16
- 073. Overview of Vedas reaching us
- 074. Ganita Upsutras
- 075. Vedic mathematics approach
- 076. Vedic mathematics direction
- 077. VEDIC MATHEMATICS
- 078. Ganita Sutras steps for  
enlightenment)

**VEDIC MATHEMATICAL BASIS OF  
ENGLISH LANGUAGE  
(of Orthodox and Classical formats)**

**SECTION - 01**

**ANCIENT WISDOM 1-16**

- 156-159
- 1. Introductory  
*Vedic Claims*  
*Vedic organization*  
Languages  
Artifices 1 to 26  
4-space domain
- 2. *Vedic Universal* systems approach
- 3. Mathematical basis of  
English language  
Introductory  
English Alphabet  
Classification of words formulations  
Real pairing



- Porous space
4. English becomes a pairing language
  5. NVF Dictionary focus
    - Initial focus
    - Artifices, Factors and Primes
    - Geometric focus
    - Transcend
    - Think, Me
    - Think, meditate and transcend

**SECTION - 02**  
**HYPER CUBES 1 TO 6**

1. Introductory
2. Interval, square and cube
  - Interval as representative body of 1-Space
  - Square as representative body of 2-Space
  - Cube as representative body of 3-Space
3. Existence of Higher Spaces
4. Four Space
5. Creator Space (4 Space)
6. Geometries Ranges
7. Geometries Of 3-Space
8. Geometries Of 4-Space Versions of hyper cube 4
9. Geometries Of 5-Space Versions of hyper cube 5
10. Geometries Of 6-Space Versions of hyper cube 6
11. Along format of hyper cube-5
12. Sathapatya Measuring Rod
13. Domain dimension relationship
14. Dimension, domain and pairs
15. Dimensional synthesise mathematics
16. Four fold manifestation layers-1
17. Four fold manifestation layers-2
18. Ancient Sathapatya Values
19. Measuring Rods and measures
20. Structural Steps Artifices
  - Formats
  - Hyper Cubes Sequences Table-1
21. Hyper Cubes Sequences Table-2

22. Hyper Cubes Sequences Table-3
23. Brahman Ranœ
24. Par B
25. Think

**SECTION - 3**

1. Introductory
2. Conceptual terms
  - a. Numbers
  - b. Artifices
  - c. Spaces
  - d. Dimensions
  - e. *Sankhiya Nishtha*
  - f. *Yoga Nishtha*
  - g. *Chandas / Meters / Filters*
  - h. Artifices 1 to 26
  - i. Number 26
  - j. Primes 1 to 26
  - k. Geometric envelope of cube
    - l. Geometric components 1-26
  - m. Meters 1 to 26
  - n. Sporadic groups
  - o. First perfect number
  - p. Second perfect numbers
  - q. Manifestation layers
  - r. Manifestation quadruples
  - s. Transcendence ranges
  - t. Numbers values formats
  - u. NVFs 1 to 26
  - v. Letters A to Z
  - w. 26 elements
  - x. Pairing discipline
  - y. Words formulations
  - z. Individual letter formulations
3. NVFS OF WORDS FORMULATIONS 'ONE' TO TWENTY SIX'
4. Artifices 1 To 26 and Twenty Six Meters
  - Introductory
  - Sequential range
  - Vowels and consonants
  - Organization (5, 21)
  - Light, Light Angle, Mirror and colour

- Void and Full
- Transcendental Consciousness Go
- 5. Artifices range 51
- 6. Artifices Features Focus
  - Introductory
  - Special Features
- 7. Alphabet letters
- 8. Artifices & Formats of Letters
  - A To Z
  - Introductory
  - Artifices organizations of 1-26
  - Matrix format
- 9. 6 Place value system
- 10. Artifices Values 1 to 9 & 1
  - to 9 space
- 11. 01 to 06
- 12. 2 to 14
- 13. Place Value System Coverage
  - Ranges for Artifices Values
  - 1 To 26
- 14. Artifices 1 to 26 and
  - cube components
- 15. Reflection pairs
- 16. Tri monads
- 17. Six triple groups
  - Think, Meditate and Trancend

## SECTION - 04

### VEDIC MATHEMATICAL BASIS OF ENGLISH LANGUAGE

#### Part – 1 Mathematical basis

- 00. Introductory
- 01. Foundation Mathematics
- 02. Geometric format-1
- 03. Geometric format-2
  - Introductory
  - Square : A creator
  - From Square to Surface
  - Void Cube : A Creator
  - Void Cube Go
  - Sequence of hyper cubes
  - Dimension fold
  - Boundary fold
  - Domain fold

- Origin Fold
- Reflection, Refraction
- Formulation LIFE
- Dimensional frames
- Frames Domains
- Axis' Axes and Axis' Axis
- 04. Meditation Geometry
  - Introductory
  - Meditation geometry
  - Formulation: meditation
- 05. 10 Sun (S) Geometry
  - Introductory
  - General features
  - Special features
- 06. Enlightenment technology
- 07. Mathematical Format
  - of Language
  - Introductory
  - Creator space (4 space)
- 08. Basic Disciplines Chase (Scienc
  - es, Mathematics, Technologies)
  - Introductory
  - Formulation 'Science (s)'
  - Formulation mathematics
  - Formulation technology
  - Formulations chase
  - Format split
  - Artifice 56
  - Formulation 'light'
  - Artifice '56' and '112'
  - Mathematics
  - Technology
  - Hyper Cube 6
  - Ancient wisdom
  - Features of hyper cube 6 format
- 09. Pairing language features
- 10. Sunlight mathematics
  - Introductory
  - Sun Light Mathematics
  - Sub Features
  - Transition from Pairings
  - to Place Value Systems

**SECTION - 04**  
**VEDIC MATHEMATICAL BASIS**  
**OF ENGLISH LANGUAGE**

**Part -2 Existence chase**

1. Earth to Sun range
2. Five Basic Elements Chase
  - Introductory
  - Formulation Earth
  - Formulation Water
  - Formulation Fire
  - Formulation Air
  - Formulation Space
  - Formulation Sun
  - Earth to Sun and Reverse
3. Let us talk space
  - Introductory
  - D-center
  - Blissful exercise
  - Go forward, go backward
  - Formulation 'reverse'
  - Formulation 'space'
  - Space paragraph
  - Sun as space bag
  - Space Discipline
  - Unit creator
4. Expanding Universe
  - Introductory
  - Zero unit expands
  - 'Black cubed'
  - Manifested world angel
  - Transition from hyper cube 4 to hyper cube 5 formats
  - Sealed Origin
  - Transcendental values flow
5. Solar Universe
  - Introductory
  - Transgression
  - Infinity origin
  - Creative dimension
6. Nature : (Dead Beam Space)
  - Introductory
  - Dead Beam Space
  - 'Creator' as 'A Nature'
  - (97, 79)
- Face caged space
- Black nature
- NVF (79)
- 'Nature, Nature'
- A two space sky
- Four space Sun
- Pole Star Earth
- Sunlight tree
7. Transcendence half
  - Introductory
  - Half dimension
  - Half boundary
  - Eye Ball
  - '2 as 1' and '1 as 2'
  - Half black
  - Enlightenment
8. Holes, holes and holes
  - Introductory,
  - (Zero, Void, Porous, Limit, Ultimate, Hole one)
  - Hole two,
  - (Hole three, Creator, Wholeness Unification, Frequencies, Technology, Transcendence Truthful, Vertical, Uncountable, Half dimension, Continuum Infinity, One and single, Single and family, Half hole Earth hole
  - 'Water as half hole'
  - 'Fire, hole'
9. Existence-phenomenon-1
  - Existence-phenomenon-2
  - Introductory
  - Stop one
  - Stop one caged renewing
  - Creative origin chase
  - Four Space as Full Axis
  - Half Dimension
10. Parallel flow formats for increa
  - sing and decreasing features
  - Introductory

**SECTION – 04**  
**VEDIC MATHEMATICAL BASIS**  
**OF ENGLISH LANGUAGE**

**Part-3 Continuum steps**

0. Opening Words
1. Gaps, frame and square  
Introductory  
Words Formulations Chase  
Illustrative Cases Chase  
Illustrative Case (One, Two,  
Three, Four, ---)
2. Establishment coverage  
First chase step  
Second chase step  
Third chase step  
Fourth chase step  
Fifth chase step
3. Light Synthesize
4. Transcendental Carriers  
Introductory  
General features
5. Sequential Chains chase  
'One, Two, Three, And So On'  
'Firstly, Secondly, Thirdly And  
So On'  
'Firstling, Secondling, Thirdling  
And So On'
6. Measures and filters (Chandas)
7. Formats And Systems  
Introductory  
Towards Specific Features
8. Numbers And Bodies
9. Real, Realism and Reality  
Introductory  
Formulation 'Real'  
First letter  
Second letter  
Third letter  
Fourth letter  
Real A to Z
10. Transition and transformations  
through transcendence to attain  
continuity for wholeness

- Introductory  
Zero to Infinity  
Zero Unit  
Entities, terminology and  
formulations Introductory  
Geometric formulations
11. Solutions  
Introductory  
Solution 'one seed two'  
Think cosmic  
Space discipline solutions  
Space Problems  
Space book truth  
Solar Universe  
Sections  
Creation  
Formulation : Fine
12. Pairing Joint  
Introductory  
Sphere : A Stop  
Sphere as hyper sphere 3  
Unit : Un it, eye black  
Think, Meditate and Trancend

**SECTION – 04**  
**VEDIC MATHEMATICAL BASIS**  
**OF ENGLISH LANGUAGE**

**Part – 4**

**Formulations structures**

1. Creator Space  
Introductory  
Static and Dynamic States
2. Existence, Features And  
Formulations
3. Artifices Features Focus  
Introductory  
Special Features
4. Positive and negative  
Introductory  
Formulation 'POSITIVE'  
Letter Wise Chase

- Formulation 'NEGATIVE'
- Half Solid
- 'Half, Half'
- Black Half To 12 Space
- 5. To reach at the geometric format of words composition
- 6. Words formulation
- 7. Dimensional intelligence
- 8. Four space renewing feature
  - Formulations
  - Introductory
  - Colour Cube Spectrum Intelligence
  - General Features
  - Artifice  $115 = 23 \times 5$
- 9. Light synthesise
  - Introductory
- 10. General Features
- 11. Meditation geometry
  - Introductory
  - Meditation geometry
  - Formulation: meditation
- 12. Transcendental carriers
  - Introductory
  - General features
- 13. Creator thought geometries
  - Introductory
  - General features
  - Special features
- 14. ABC
- 15. Past Present and Future
- 16. Old and New
  - Think, Meditate and Trancend

**SECTION-5**  
**WORDS FORMULATIONS**  
**CHASE**

- I. Introductory
- II. Words Formulations
- III. Illustrative Words Formulations
  - Features :
  - 01. Wise
  - 02. Fine
  - 03. Absolute
  - 04. ABC

- 05. D
- 06. Mind
- 07. Mind Line
- 08. Artifices
- 09. Letters A to Z
- 10. Mathematics
- 11. Continuum
- 12. Transcendental
- 13. Consciousness
- 14. Referral cave
- 15. Enlightenment
- 16. Mother Nature
- 17. Transcendence Area
- 18. Origin
- 19. Education
- 20. Teacher
- 21. Learn
- 22. Student
- 23. Knowledge
- 24. Creation
- 25. Geometry
- 26. Womb
- 27. Void
- 28. Format Seal
- 29. Mind
- 30. Faith
- 31. Vowels
- 32. Bag, Bed, Bee, & Age
- 33. bag
- 34. Real Bag
- 35. Sensory bag
- 36. Bed
- 37. Bee
- 38. Age
- 39. Creator
- 40. English
- 41. Element
- 42. Light space
- 43. Space Book Truth
- 44. Mathematics
- 45. Sunlight
- 46. (Light, Light) Truth
- 47. Light Space
- 48. Grammar Sphere
- 49. Formulation Chase

50. Phased formulation
51. Sphere Nature formulations
52. Square unity
53. Mirror Thought
54. Format
55. Existence Cage
56. Ambrosia : Yes ; No
57. AEIOU
58. Vowel 'U'
59. STOP
60. NVF (ARTIFICES)

## SECTION-6 TWO LETTERS COMBINES CHASE

1. Introductory
2. Double Letters Combines
3. Letters pair 'A', 'A to Z'
4. Letters pair 'B', 'B to Z'
5. Letters pair 'C', 'C to Z'
6. Letters pair 'D', 'D to Z'
7. Letters pair 'E', 'E to Z'
8. Letters pair 'F', 'F to Z'
9. Letters pair 'G', 'G to Z'
10. Letters pair 'H', 'H to Z'
11. Letters pair 'I', 'I to Z'
12. Letters pair 'J', 'J to Z'
13. Letters pair 'K', 'K to Z'
14. BNVF (3 to 8)
15. Letters pair 'R', 'R to Z'
16. Letters pair 'S', 'S to Z'
17. Letters pair 'T', 'T to Z'
18. Letters pair 'U', 'U to Z'
19. Letters pair 'V', 'V to Z'
20. Letters pair 'W', 'W to Z'
21. Letters pair 'X', 'X to Z'
22. Letters pair 'Y', 'Y to Z'
23. Letters pair 'Z', 'Z to Z'
24. NVFs 121 to 130
25. NVFs 131 to 140
26. NVFs 141 to 150
27. NVFs 151 to 160
28. NVFs 161 to 170

29. NVFs 171 to 180
30. NVF
31. NVF
32. Think, Meditate and Transcend

## SECTION-7 NVFs DICTIONARY

### Part – 1 Sequential ranges formats

#### **Introductory**

1. NVF Dictionary
2. Summation values as number values formats
3. One sequential range of geometric formats

#### **Specific existence aspects**

4. God down factors  
*Complementary*
5. Human body formulations

#### **Sequential ranges**

6. NVF (New) = 42
7. Table-1 NVFs of letters A to Z
8. Table-2 Formulations 'One, Two, three onwards'
9. Table-3 Formulations 'first, second, third onwards'
10. Table-4 Sequential chain of formulations 'One, first, firstly, firstling' and so on.
11. Table of NVF values of opposite features formats

### Part – 2 Words formulations table

12. Table of NVFs and DVFs  
  
Table of NVFs and DVFs  
Further exercises  
Further exercises  
Structural Formats  
Dictionaries  
Individual letters features

And values dictionaries  
 Self referral Dictionaries  
 Unity State Dictionaries  
 Eight fold Nature order Dictionaries  
 Nav Braham source impulses  
 Dictionaries  
 Par Braham Bliss impulses  
 Transcendental Reservoirs  
 Indicators Dictionaries  
 Think, Meditate, Transcend, Glimpse  
 and Be blissful to be self referral to  
 urge for unity state

### SECTION - 8

#### TAKE OFF FROM PRESENT PRELIMINARY STUDY

1. Take off from present study
2. Revising section-1  
 'Ancient wisdom'
  - 1 *Vedas*
  - 2 *Upvedas*
  - 3 *Sathapatya Upved*
  - 4 *Triloki and Trimurti*
  - 5 *Sathapatya measuring rod*
  - 6 Basic features of 1-space
  - 7 Basic features of 2-space
  - 8 Basic features of 3-space
  - 9 Basic features of 4-space
  - 10 Basic features of 5-space
  - 11 Basic features of 6-space
  - 12 Creator Space
  - 13 Transcendental word
  - 14 Self-referral domain
  - 15 Chase of Existence  
 within 4-space
  - 16 Chase of Pure and applied  
 value of artifice 6 and  
 artifice 26
  - 17 Chase of simultaneous  
 increase and decrease
  - 18 Chase of Creator space
  - 19 Chase of formulations  
 Of equal NVF values
  - 20 Chase of 4-space swapping  
 in terms of 13<sup>th</sup> edged cube

- 21 Chase of Transcendental  
 Origin
- 22 Chase of Simultaneous  
 inward and outward  
 expansions
- 23 Chase of formation of self  
 referral ranges
- 24 Chase of 'one line' as  
 'point'
- 25 Chase of the NVF equation  
 NVF (Hundred) = 70 and  
 NVF (Thirty) = 100
- 26 Chase of 'English  
 Language Grammar'  
 as 'Sphere Pairing Joint'
- 27 Chase of Artifice, Number
- 28 Chase of NVF (Language)
- 29 About Existence-  
 Phenomenon
- 30 About *Chandah Vedangah*
- 31 About Four fold  
 manifestation layers

3. Exercises Enlist And Chase  
 Features of Artifices 1 To 26
4. SUM UP-1
5. SUM UP-2
6. BASICS
7. FOCUS POINTS
8. Think, Meditate and Transcend  
 Through the Formulation: Light  
 and New Light
9. Structural Steps Artifices Formats-2
10. Geometric formats and  
 algebraic expression
11. Pairing Discipline  
 Learning Steps-I  
 Learning Steps-II  
 Learning Steps-III  
 Learning Steps-IV  
 Learning Steps-V
12. *Vedic Mathematics Answer*  
 Conclusion : Be Self referral



श्री ॐ

# VEDIC MATHEMATICS SCIENCE & TECHNOLOGY

(Ancient Wisdom Values of Pingala Chandas Sutram)

## SECTION – 01 01-109

*Text with Simple English rendering  
of Pingala Chandas Vedanga*

### 1. Chapter – 01 (Sutras 1 to 15)

- 01 Preliminary
- 02 Text
- 03 Sutra wise simple English rendering
- 04 Meters features Determination Rules
- 05 Specifics initial features and values
- 06 Transition from this chapter  
to next chapter
- 07 Concluding remarks as projections &  
Overview

### 2. Chapter – 02 (Sutras 1 to 16)

- 01 Text
- 02 Sutra wise simple English rendering
- 03 Meters features Determination Rules
- 04 Specifics initial features and values
- 05 Transition from this chapter  
to next chapter
- 06 Concluding remarks as projections &  
Overview

### 3. Chapter –03 (sutras 1 to 66)

- 01 Text
- 02 Sutra wise simple English rendering
- 03 Meters features Determination Rules
- 04 Specifics initial features and values
- 05 Transition from this chapter  
to next chapter
- 06 Concluding remarks as projections &  
Overview
- 07 Sutras pada wise feature table

### 4. Chapter –04 (Sutras 1 to 53)

- 01 Text
- 02 Sutra wise simple English rendering
- 03 Meters features Determination Rules
- 04 Specifics initial features and values
- 05 Transition from this chapter  
to next chapter
- 06 Concluding remarks as projections &  
Overview

### 5. Chapter –05 (Sutras 1 to 44)

- 01 Text
- 02 Sutra wise simple English rendering
- 03 Meters features Determination Rules
- 04 Specifics initial features and values
- 05 Transition from this chapter  
to next chapter

### 6. Chapter –06 (Sutras 1 to 44)

- 01 Text
- 02 Sutra wise simple English rendering
- 03 Meters features Determination Rules
- 04 Specifics initial features and values

### 7. Chapter –07 (Sutras 1 to 36)

- 01 Text
- 02 Sutra wise simple English rendering
- 03 Meters features Determination Rules
- 04 Specifics initial features and values
- 05 Transition from this chapter  
to next chapter
- 06 Concluding remarks as projections &  
Overview

### 8. Chapter –08 (Sutras 1 to 35)

- 01 Text
- 02 Sutra wise simple English rendering
- 03 Meters features Determination Rules

## Section – 02

### FIRST STAGE CHASE ASPECTS OF GEOMETRY & MATHEMATICS

(of Pingala Chandas Sutram)

#### Part-1

#### Overview statement

- 01 Overview statement
- 02 To reach at mathematics of PCS
- 03 Format and features of artifice 8
- 04 Organization sequences of PCS
- 05 Artifice 16
- 06 Artifice  $31 = 15 + 16$
- 07 Artifice 66
- 08 Artifice range



- 09 Ganas of four parts
- 10 गणः Gana
- 11 छन्दः Chandas
- 12 पादः Pada
- 13 कृतिः Kriti
- 14 वृत्तमः Vritam

Part-2  
VMS & T

- 01 VMS & T Discipline Chase
- 02 Devnagri Alphabet Format
- 03 Quadruple (3, 4, 5, 6)
- 04 Triloki and Trimurti
- 06 Transcendence process
- 06 Quadruple (0, 1, 2, 3)
- 07 A point in a space
- 08 Sequential order of polynomials
- 09 Ganita Sutras
- 10 Vedic systems
- 11 Chandas Vedanga
- 12 Three dimensional frame
- 13 Transition: '1' to '2'
- 13 Transition: Earth to Water

**SECTION - 03**  
VMS & T Conceptual Statements

1. VMS & T Range
2. Transcendental domain
3. Chase along geometric formats
4. Chase along Real 4-space format
5. Chase along real 5-space format
6. Chase along real 6-space format
7. Chase along real 7-space format
8. Vedic Systems Approach Nature  
Along 8-space format

**SECTION - 04**  
**VMST Discipline**

**Part - 1**  
**Preliminary**

- 01 Preliminary glimpse of the way  
the chase is going to unfold itself

**Part - 2**  
**Transcendental domains**

- 01 Chase of transcendental domains
- 02 Chase of number five

**Part - 3**  
**Triloki, Trimurti and Pole Star**

- 01 Chase of Triloki feature
- 02 Chase of Trimurti values
- 03 Chase of pole star order

**Part - 4**  
**Manifestations**

- 01 Chase of manifestations
- 02 Manifestations as four fold layers
- 03 Hyper cube 5
- 04 Manifestation of manifested folds

**Part - 5**  
**Transcendence**

- 01 Transcendence through  
manifestations
- 02 Transcendence ranges
- 03 Transcendence & transcendental  
domain
- 04 Transcendence from origin to  
base
- 05 Ascendence from base to origin

**Part - 6**  
**Self referral state**

- 01 Transcendence from base fold to  
its format state
- 02 Self referral ranges
- 03 Hyper cube 6

- 04 Split of sphere into a pair of hemisphere
- 05 Earth to Sun range
- 06 Real 6-space

### Part – 7

#### 5-space content coordination

- 01 (5, 9) / 5-space, 9-space
- 02 (5, 8) / 5-space, 8-space
- 03 (5, 7) / 5-space, 7-space
- 04 (5, 6) / 5-space, 6-space
- 05 (5, 5) / 5-space, 5-space
- 06 (5, 4) / 5-space, 4-space
- 07 (5, 3) / 5-space, 3-space
- 08 (5, 2) / 5-space, 2-space
- 09 (5, 1) / 5-space, 1-space

### Part-8

#### Organization of Vedas

- 01 Vedas
- 02 Upvedas
- 03 Rigved
- 04 Yajurved
- 05 Samved
- 06 Atharavved

### Section – 05 Foundation

#### Part -1

#### Installation of Shiv Lingum in creator's space

##### 1.1 Preliminary

- 01 Technical terms
- 02 Hyper cubes 0 to 6
- 03 Geometric ranges of 0 to 6 spaces

##### 1.2 Real 4 and 5 spaces

- 04 Real 4-space
- 05 Origin of 4-space
- 06 Real 5-space

### 1.3 Spatial and solid order

- 07 Spatial order
- 08 Solid order
- 09 Spatial and solid order

### Part -2

#### Three dimensional frame

##### 2.1 Split of three dimensional frame

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

##### 2.2 Organization of a pair of hemispheres

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

##### 2.3 Three points fixation of an interval

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

### Part-3

#### Along manifestation formats

##### 3.1 Hyper cubes formats

- 19 Four folds format
- 20 Hyper cube format for each fold
- 21 Jyotirmadey Triloki manormum

##### 3.2 Measuring rods

- 22 1 as 0 to 1
- 23 2 as 0 to 2
- 24 5 as 0 to 5

##### 3.3 Measuring units

- 25 Units and counts
- 26 Zero and unit
- 27 Dimensional units

#### **Part-4**

#### **Along Transcendental formats**

##### **4.1 Transcendental ranges**

- 28 Five folds set up
- 29 5 x 5 matrix format
- 30 Artifice 5

##### **4.2 Transcendence reach**

- 31 Transcendence reach
- 32 Transcendental base
- 33 Transcendental domains

##### **4.3 Self referral formats**

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

#### **Part-5**

#### **Processes format**

##### **5.1 Artifices Chase along geometries format**

- 37 Artifices of numbers
- 38 Dimensional frames
- 39 Parallel formats

##### **5.2 Space contents Manifestations**

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

##### **5.3 Transcendence through manifestations**

- 43 Reach from origin into base of origin
- 44 Extension of manifestation layers as transcendental range

- 45 Split of Transcendental range as pair of manifestation layers

#### **Part-6**

#### **Processing processes format**

##### **6.1 Transcendental carriers**

- 46 Transcendental carriers
- 47 Transcendence through space
- 48 Transcendence through core of Sun

##### **6.2 Sunlight**

- 49 Sunlight
- 50 Sunlight format
- 51 Jyoti flow

##### **6.3 Meditation**

- 52 Meditation
- 53 Transcending mind
- 54 Transcendental state existence

#### **Part-7**

#### **Pure values reach**

##### **7.1 Impulses**

- 55 Sleep state
- 56 Impulses
- 57 Deep sleep state

##### **7.2 Self referral state**

- 58 Artifice 6
- 59 Hyper sphere 6
- 60 Self referral format

##### **7.3 Unity state**

- 61 Artifice 7
- 62 Hyper sphere 7
- 63 Unity state existence format

#### **Part-8**

#### **Applied values reach**

##### **8.1 Solar Universe**

- 64 Artifice 6
- 65 Hyper sphere 6
- 66 Self referral format
  - 8.2 Pole star
- 67 Origin of solar universe
- 68 Pole star
- 69 Unity state existence format

### **FOREWORD**

Since creation has so many layers, facets and aspects it is not surprising that it can be comprehended in many ways each of which sees the universe and its organisation, coordination etc. in different terms.

The elegant Sanskrit language, the vast spaces of geometry and the subtle approach of number all describe in their structure, and express in their application, ways to understand the seemingly limitless range of experience of the creation on so many levels.

In this book the author brings these three together in explaining and analysing the Pingala Chandas Vedanga, one of the basic scriptures of Vedic mathematics, Science and Technology. This ancient work is one of the six Vedangas (auxiliary texts) of the Vedas which describes the science of composition of the hymns of the Vedas. It is an extraordinary and profound work which has been the subject of study by scholars for many years.

Dr S. K. Kapoor's book is a text that will reward determined study, illustrating how the Vedic system approaches the whole range of knowledge as a single discipline. So we see here how language, multidimensional spaces and the

- 8.3 VMS & T Foundation
- 70 Sunlight
- 71 Earth to Sun range
- 72 Source reservoir origin

subtle laws of number can work together to express and explain this special area of knowledge.

**Kenneth R. Williams**

### **PREFACE**

It is sincerely felt that Time has come when we shall revisit Ancient Scriptures and to research the procedural techniques to reach at the conceptual values of Ancient Wisdom for their virtues as well as their applied values.

I am convinced that Pingala Chandas Sutram (Chandas Vedanga) is one such scripture, with which proper beginning can be had in the direction of research in the domain of attainments of Ancient Wisdom.

Present study is only a first stage chase (*Prathma-vriti*) of Geometry and Mathematics of Pingala Chandas Sutram. Privileged would be the Sadka whose urge is intensified to sequentially reach uptill fifth stage chase of Chandas Vedanga.

Let the beginning for the first stage chase (*Prathma-vriti*) be firstly with the simple translation of the Text of PCS to be followed by the

initial features of Geometry and Mathematics of PCS. Secondly the conceptual statements to be compiled to reach at the general organization of the Discipline of VMS & T. Finally the attempt to be made to reach at Foundation of VMS & T.

With it, the phase and stage would be for the sadkhas to intensify their urge further and to sequentially go for second, third, fourth and fifth stages reach of Geometry and Mathematics of PCS to be at the

virtues, values, formats, orders and features of the Ancient Wisdom of Discipline of VMS & T.

Let us pool our knowledge and experience to make Vedic mathematics, Science & Technology as a main stream Discipline of instructions at all levels.

I heartfully thank Sh. Kenneth R. Williams for values based foreword.

Dr. S. K. Kapoor  
Author



# APPENDIX-1

Here below is the list of 126 Lessons of free VM Course No. 1 uploaded on site ([www.learn-and-teach-vedic-mathematics.com](http://www.learn-and-teach-vedic-mathematics.com)):

## Lessons - Vedic Mathematics On Geometric Formats Of Real Spaces

No	Title Of The Lesson
1	Float "SPACE thought" for the TRANSCENDING mind
2	Chase TRACK of MOVING bodies
3	Square and Cube AND Circle and Sphere
4	Hyper Cube - 4
5	Synthetic Monad Of Two Parts
6	Synthetic Monad Of Two Parts
7	Manifestations Layers
8	Transcendence Through Manifestations
9	A Chase Of Transcending Mind Through Origin As Spatial Seal
10	Transcendence Acquiring Fifth Fold
11	Ascendance With Ambrosia Of Bliss Of Transcendental World
12	Vedic Mathematics
13	Arithmetic To Astronomy
14	Conscious Attention Makes All The Difference
15	In-Flow From Surya (Sun) Into Akash (Space)
16	Onward Journey From Akash To Surya
17	Reaching Up Till Transcendental Boundary Of The Sun
18	Expanding Universe
19	Sapat Rishi Lok (7-Space)
20	Ativahkas Of Sapat Rishi Lok Carry To Brahman Lok
21	Surya To Brahman Domain (6,7,8,9)
22	Introduction To Vedic Mathematics Science & Technology
23	Three Types Of Creations Within Rays Of The Sun
24	Pair Of Hemispheres
25	Bindu Sarovar
26	(Nad Bindu) Point Reservoir Of Sound
27	Tej Bindu Point Reservoir Of Light
28	Dhyan Bindu Focus Point Of Attention
29	Richness of the format of manifestation layer (3,4,5,6)
30	Different approaches with focus upon 3-Space as dimension
31	Different approaches with focus upon 4-Space as domain
32	Different approaches with focus upon 5-Space as domain
33	Different approaches with 6-Space as origin
34	Different approaches with 7-Space as transcendental base
35	Transcendence through (3,4,5,6) to (4,5,6,7)
36	Om, Parnavah Aum And Onkar
37	Parnavah folds
38	First fold of Parnavah
39	Second fold of Parnavah
40	Third fold of Parnavah
41	Fourth Fold Of Parnavah
42	Parnavah Form And Formulation
43	Samved Samhita
44	Samved: Purvachak-Chapter-1
45	Samved: Purvachak-Chapter-2
46	Samved: Purvachak-Chapter-3
47	Samved: Purvachak-Chapter-4
48	Samved: Purvachak-Chapter-5
49	Samved: Purvachak-Chapter-6
50	Transcendence into inner folds of transcendental world
51	Transcendence into Dimension Of Dimension
52	Transcendence As Trishapta Rule
53	Lord Ganesha, The Lord Of Transcendence To Inner Folds
54	Transcendental Phenomena Of Transcending And Ascending Mind
55	Spatial Order Of Transcendence Format Availed By Transcending And Ascending Mind
56	Mathematics, Science and Technology Of Transcendental Phenomena
57	Formats Availed By Vedic Scriptures-1
57	Formats Availed By Vedic Scriptures-1
58	Formats Availed By Vedic Scriptures-2
59	Formats Availed By Vedic Scriptures-3

- 60 Formats Aailed By Vedic Scriptures-4
- 61 Formats Aailed By Vedic Scriptures-5
- 62 Formats Aailed By Vedic Scriptures-6
- 63 Formats Aailed By Vedic Scriptures-7
- 64 Vedic Systems-1
- 65 Vedic Systems-2
- 66 Vedic Systems-3
- 67 Vedic Systems-4
- 68 Vedic Systems-5
- 69 Vedic Systems-6
- 70 Vedic Systems-7
- 71 Approach focus : Shift from old formats to new formats-1
- 72 Approach focus : Shift from old formats to new formats-2
- 73 Approach focus : Shift from old formats to new formats-3
- 74 Approach focus : Shift from old formats to new formats-4
- 75 Approach focus : Shift from old formats to new formats-5
- 76 Approach focus : Shift from old formats to new formats-6
- 77 Approach focus : Shift from old formats to new formats-7
- 78 Approach focus : Reference frame and Absolute frame-1
- 79 Approach focus : Reference frame and Absolute frame-2
- 80 Approach focus : Reference frame and Absolute frame-3
- 81 Approach focus : Reference frame and Absolute frame-4
- 82 Approach focus : Reference frame and Absolute frame-5
- 83 Approach focus : Reference frame and Absolute frame-6
- 84 Approach focus : Reference frame and Absolute frame-7
- 85 Approach focus : Reference frame and Absolute frame-1
- 86 Approach focus : Reference frame and Absolute frame-2
- 87 Approach focus : Reference frame and Absolute frame-3
- 88 Approach focus : Reference frame and Absolute frame-4
- 89 Approach focus : Reference frame and Absolute frame-5
- 90 Approach focus : Reference frame and Absolute frame-6
- 91 Approach focus : Reference frame and Absolute frame-7
- 92 Approach focus : First element/Prithvi Tatav/Earth element-Aspect-1
- 93 Approach focus : First element/Prithvi Tatav/Earth element-Aspect-2
- 94 Approach focus : First element/Prithvi Tatav/Earth element-Aspect-3
- 95 Approach focus : First element/Prithvi Tatav/Earth element-Aspect-4
- 96 Approach focus : First element/Prithvi Tatav/Earth element-Aspect-5
- 97 Approach focus : First element/Prithvi Tatav/Earth element-Aspect-6
- 98 Approach focus : First element/Prithvi Tatav/Earth element-Aspect-7
- 98 Approach focus : First element/Prithvi Tatav/Earth element-Aspect-7
- 99 Focus : Organization Of Vedic Knowledge-1 Initial Information-1
- 100Focus : Organization Of Vedic Knowledge-1 Initial Information-2
- 101Focus : Organization Of Vedic Knowledge-1 Initial Information-3
- 102Focus : Organization Of Vedic Knowledge-1 Initial Information-4
- 103Focus : Organization Of Vedic Knowledge-1 Initial Information-5
- 104Focus : Organization Of Vedic Knowledge-1 Initial Information-6
- 105Organization Of Vedic Knowledge-2 Correlation features 1& 2
- 106Organization Of Vedic Knowledge-3 Correlation features 3 & 4
- 107Focus : Organization Of Vedic Knowledge-2 Correlation features 5& 6
- 108Focus : Organization Of Vedic Knowledge-2 Correlation features 7& 8
- 109Focus : Organization Of Vedic Knowledge-2 Correlation features 9 & 10
- 110Focus : Organization Of Vedic Knowledge-2 Correlation features 11
- 111Focus : Organization Of Vedic Knowledge-2 VMO-1
- 112Focus : Organization Of Vedic Knowledge-2 VMO-2

- 113 Focus : Organization Of Vedic Knowledge-2 VMO-3  
 114 Focus : Organization Of Vedic Knowledge-2 VMO-4 & 5  
 115 Focus : Organization Of Vedic Knowledge-2 VMO-6 & 7  
 116 Focus : Organization Of Vedic Knowledge-2 VMO-8  
 117 Focus : Organization Of Vedic Knowledge-2 VMO-9  
 118 Focus : Organization Of Vedic Knowledge-2 VMO-10  
 119 Focus : Organization Of Vedic Knowledge-2 VMO-11  
 120 Focus : Organization Of Vedic Knowledge-2 VMO-12  
 121 Focus : Organization Of Vedic Knowledge-2 VMO-13  
 122 Focus : Organization Of Vedic Knowledge-2 VMO-14 & 15  
 123 Focus : Organization Of Vedic Knowledge-2 VMO-16 & 17  
 124 Focus : Organization Of Vedic Knowledge-2 VMO-18 & 19  
 125 Focus : Organization Of Vedic Knowledge-2 VMO-21 & 21  
 126 Focus : Organization Of Vedic Knowledge-2 VMO-22 & 23
- 8 Numerals On A Pair Of Digits Format  
 9 Arithmetic Operations Of Two Digit Numbers: Addition  
 10 Skill for multiplication of numerals expressed as pair of digits on geometric format of pair of slots  
 11 Skill for multiplication of numbers of two digits on geometric format of a pair of slots  
 12 Extension Of Format Of Pair Of Slots Into That Of Triple Slots  
 13 Tables of numerals one, two, three, four and five  
 14 Tables of numerals six, seven, eight and nine  
 15 Geometric format with mirror at the middle  
 16 Reading first book of nature (human body) with the help of a mirror  
 17 Organization of two digits number as refection pairs  
 18 Multiplication of  $111 \times 111$   
 19 Ganita Upsutra: Anrupena  
 20 Ganita Upsutra Viloknam

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## Appendix - II

Here below is the list of 112 Lessons of free VM Course No. 2 uploaded on site ([www.learn-and-teach-vedic-mathematics.com](http://www.learn-and-teach-vedic-mathematics.com)).

<b>No</b>	<b>Title Of The Aspect</b>
1	About Construction Of Ekadhikena Numerals
2	About Construction Of Ekanunena Numerals
3	About Construction Of Negative Numerals
4	About Construction Of Dashadhika Numerals
5	About Construction Of Dashadhika Negative Numerals
6	Text of Ganita Sutras
7	Text Of Ganita Upsutras
8	Numerals On A Pair Of Digits Format
9	Arithmetic Operations Of Two Digit Numbers: Addition
10	Skill for multiplication of numerals expressed as pair of digits on geometric format of pair of slots
11	Skill for multiplication of numbers of two digits on geometric format of a pair of slots
12	Extension Of Format Of Pair Of Slots Into That Of Triple Slots
13	Tables of numerals one, two, three, four and five
14	Tables of numerals six, seven, eight and nine
15	Geometric format with mirror at the middle
16	Reading first book of nature (human body) with the help of a mirror
17	Organization of two digits number as refection pairs
18	Multiplication of $111 \times 111$
19	Ganita Upsutra: Anrupena
20	Ganita Upsutra Viloknam
21	Two digit primes
22	Programme Outline : Class - 1
23	Programme Outline: Class-1 Lesson-1
24	Programme Outline: Class-1 Lesson 2
25	Programme Outline: Class-1 Lesson-3
26	Programme Outline: Class-2
27	Programme Outline: Class-3
28	Programme Outline: Class-4
29	Knowledge is a single discipline-1
30	Knowledge is a single discipline-2
31	Knowledge is a single discipline-3
32	Knowledge is a single discipline-4
33	Knowledge is a single discipline-5
34	Knowledge is a single discipline-6
35	Knowledge is a single discipline-7
36	Initiation Of Young Minds
37	Mansara
38	Counts And Units
39	Lines And Circles
40	Cube
41	Bodies In Motion
42	Creator's Space
43	Geometry Class In Yaghya Shala-1
44	Geometry Class In Yaghya Shala-2
45	Geometry Class In Yaghya Shala-3
46	Geometry Class In Yaghya Shala-4
47	Geometry Class In Yaghya Shala-5
48	Geometry Class In Yaghya Shala-6



- 49 Geometry Class In Yaghya Shala-7
- 50 Ved Shala : Vaidya Shala to Vaiydy shala-1  
Ved Shala : Vaidya Shala to Vaiydy shala-2
- 52 Ved Shala : Vaidya Shala to Vaiydy shala-3
- 53 Ved Shala : Vaidya Shala to Vaiydy shala-4
- 54 Ved Shala : Vaidya Shala to Vaiydy shala-5
- 55 Ved Shala : Vaidya Shala to Vaiydy shala-6
- 56 Ved Shala : Vaidya Shala to Vaiydy shala-7
- 57 Ganita Sutras Initiations-1
- 58 Ganita Sutras Initiations-1
- 59 Ganita Sutras Initiations-3
- 60 Ganita Sutras Initiations-4
- 61 Ganita Sutras Initiations-5
- 62 Ganita Sutras Initiations-6
- 63 Ganita Sutras Initiations-7
- 64 Hyper Cube-5 As Ganita Sutra's  
Organization Format-1
- 65 Hyper Cube-5 As Ganita Sutra's  
Organization Format-2
- 66 Hyper Cube-5 As Ganita Sutra's  
Organization Format-3
- 67 Hyper Cube-5 As Ganita Sutra's  
Organization Format-4
- 68 Hyper Cube-5 As Ganita Sutra's  
Organization Format-5
- 69 Hyper Cube-5 As Ganita Sutra's  
Organization Format-6
- 70 Hyper Cube-5 As Ganita Sutra's  
Organization Format-7
- 71 Approach focus: Ganita Sutras Along  
artifices of Numbers-1
- 72 Approach focus: Ganita Sutras Along  
artifices of Numbers-2
- 73 Approach focus: Ganita Sutras Along  
artifices of Numbers-3
- 74 Approach focus: Ganita Sutras Along  
artifices of Numbers-4
- 75 Approach focus: Ganita Sutras Along  
artifices of Numbers-5
- 76 Approach focus: Ganita Sutras Along  
artifices of Numbers-6
- 77 Approach focus: Ganita Sutras Along  
artifices of Numbers-7
- 78 Approach focus: Second element/Jal  
Tataav/Water element-Aspect-1
- 79 Approach focus: Second element/Jal  
Tataav/Water element-Aspect-2
- 80 Approach focus: Second element/Jal  
Tataav/Water element-Aspect-3
- 81 Approach focus: Second element/Jal  
Tataav/Water element-Aspect-4
- 82 Approach focus: Second element/Jal  
Tataav/Water element-Aspect-5
- 83 Approach focus: Second element/Jal  
Tataav/Water element-Aspect-6
- 84 Approach focus: Second element/Jal  
Tataav/Water element-Aspect-7
- 85 Mathematics of Two-1
- 86 Mathematics of Two-2
- 87 Mathematics of Two-3
- 88 Mathematics of Two-4
- 89 Mathematics of Two-5
- 90 Mathematics of Two-6
- 91 Mathematics of Two-7
- 92 Mathematics of Two-8
- 93 Mathematics of Two-9
- 94 Mathematics of Two-10
- 95 Mathematics of Two-11
- 96 Mathematics of Two-12
- 97 Vedic Mathematics Answer-1
- 98 Vedic Mathematics Answer-2
- 99 Vedic Mathematics Answer-3
- 100 Vedic Mathematics Answer-4
- 101 Vedic Mathematics Answer-5
- 102 Vedic Mathematics Answer-6
- 103 Vedic Mathematics Answer-7
- 104 Vedic Mathematics Answer-8
- 105 Vedic Mathematics Answer-9
- 106 Vedic Mathematics Answer-10
- 107 Vedic Mathematics Answer-11
- 108 Vedic Mathematics Answer-12
- 109 Vedic Mathematics Answer-13
- 110 Vedic Mathematics Answer-14
- 111 Vedic Mathematics Answer-15 & 16
- 112 Vedic Mathematics Answer-16 & 17

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## Appendix-III

Here below is the list of 84 Lesson of free VM Course No. 3 uploaded on the site ([www.learn-and-teach-vedic-mathematics.com](http://www.learn-and-teach-vedic-mathematics.com)):

### Chase Steps - Mathematical Chase Of Sanskrit

No	Title Of The Chase Step
1	Forty two letters coordinated by 14 Maheshwara Sutras
1	Forty two letters coordinated by 14 Maheshwara Sutras
2	Fifty two letters Alphabet format
3	Ativahkas Carry The Transcendental World As Middle Space
4	Fourth Fold Script Forms On The Format Of Outer Most Fold Of Parnavah
5	Third Fold Script Forms On The Format Of The Fold Prior To The Outer Most Fold Of Parnavah
6	Second Fold Script Forms On The Format Of The Second Fold Of Parnavah
7	First Fold Script Forms On The Format Of Inner Most Fold Of Parnavah
8	Vowels: Eighteen folds of first Vowel
9	Vowels: Parallel Geometric Format For Eighteen Folds Of Akara
10	Vowels: Manifestation Layer (3,4,5,6) And Eighteen Folds Of Akara
11	Vowels: One Hundred And Thirty-two
12	Vowels: First Maheshwara Sutra
13	Need Of Learning Through A Teacher As To How To Pronounce Sounds Of Sanskrit Letters
14	Panini's Shiksha
15	Sandhi of Vowels-1
16	Sandhi of Vowels-2
17	Sandhi of Vowels-3
18	Sandhi of Vowels-4
19	Sandhi of Vowels-5
20	Sandhi of Vowels-6
21	Sandhi of Vowels-7
22	Organization format of Devnagri Alphabet-1
23	Organization format of Devnagri Alphabet-2
24	Organization format of Devnagri Alphabet-3
25	Organization format of Devnagri Alphabet-4
26	Organization format of Devnagri Alphabet-5
27	Organization format of Devnagri Alphabet-6
28	Organization format of Devnagri Alphabet-7
29	Approach focus: Geometric formats of Sanskrit Grammer-1
30	Approach focus: Geometric formats of Sanskrit Grammer-2
30	Approach focus: Geometric formats of Sanskrit Grammer-2
31	Approach focus: Geometric formats of Sanskrit Grammer-3
32	Approach focus: Geometric formats of Sanskrit Grammer-4
33	Approach focus: Geometric formats of Sanskrit Grammer-5
34	Approach focus: Geometric formats of Sanskrit Grammer-6
35	Approach focus: Geometric formats of Sanskrit Grammer-7
36	Maheshwara Sutras Approach focus-1
37	Maheshwara Sutras Approach focus-2
38	Maheshwara Sutras Approach focus-3
39	Maheshwara Sutras Approach focus-4
40	Maheshwara Sutras Approach focus-5
41	Maheshwara Sutras Approach focus-6
42	Maheshwara Sutras Approach focus-7
43	Saraswati Mantras Approach focus-1
44	Saraswati Mantras Approach focus-2
45	Saraswati Mantras Approach focus-3
46	Saraswati Mantras Approach focus-4
47	Saraswati Mantras Approach focus-5
48	Saraswati Mantras Approach focus-6
49	Saraswati Mantras Approach focus-7
50	Asthadyay Text Chapter-1
51	Asthadyay Text Chapter-2
52	Asthadyay Text Chapter-3
53	Asthadyay Text Chapter-4
54	Asthadyay Text Chapter-5
55	Asthadyay Text Chapter-6
56	Asthadyay Text Chapter-7
57	Scripture formats-1
58	Scripture formats-2
59	Scripture formats-3

- 60 Scripture formats-4
- 61 Scripture formats-5
- 62 Scripture formats-6
- 63 Scripture formats-7
- 64 Scripture formats-8
- 65 Scripture formats-9
- 66 Scripture formats-10
- 67 Scripture formats-11
- 68 Scripture formats-12
- 69 Scripture formats-13
- 70 Scripture formats-14
- 71 Scripture formats-15
- 72 Scripture formats-16
- 73 Scripture formats-17
- 74 Scripture formats-18
- 75 Scripture formats-19
- 76 Scripture formats-20
- 77 Scripture formats-21
- 78 Scripture formats-22
- 79 Scripture formats-23
- 80 Scripture formats-24
- 81 Scripture formats-25 & 26
- 82 Scripture formats-27 & 28
- 83 Scripture formats-28 , 29 & 30
- 84 Scripture formats-31,32 &33

## Appendix-IV

Here below is the list of 84 Lesson of free VM Course No. IV uploaded on the site ([www.learn-and-teach-vedic-mathematics.com](http://www.learn-and-teach-vedic-mathematics.com)):

### **Flow Progress Stages - Transcendental Basis Of Human Frame**

#### **No Title Of The Flow Progress Stage**

- 1 Sathpatya Measuring Rod
- 2 Shad Chakra format
- 3 Within Creator's Space
- 4 Ten Transcendental Circuits Of Human Frame
- 5 Fourth And Fifth Vowels
- 6 Consciousness State
- 7 Unity State of Consciousness
- 8 Shaririko Upanishad

- 9 Shaririko Upanishad: Aspect-1
- 10 Shaririko Upanishad: Aspect-2
- 11 Shaririko Upanishad: Aspect-3
- 12 Shaririko Upanishad: Aspect-4
- 13 Shaririko Upanishad: Aspect-5
- 14 Shaririko Upanishad: Aspect-6
- 15 Gorakshko Upanishad-1
- 16 Gorakshko Upanishad: Updesha-1
- 16 Gorakshko Upanishad: Updesha-1
- 17 Goraksho Upanishad: Updesha-2
- 18 Gorakshko Upanishad: Updesha-3
- 19 Gorakshko Upanishad: Updesha-4
- 20 Gorakshko Upanishad: Updesha-5
- 21 Gorakshko Upanishad: Updesha-6
- 22 Self Referral Sustenance-1
- 23 Self Referral Sustenance-2
- 24 Self Referral Sustenance Prashno Upanishad-2
- 25 Self Referral Sustenance Prashno Upanishad-3
- 26 Self Referral Sustenance Prashno Upanishad -4
- 27 Self Referral Sustenance Prashno Upanishad -5
- 28 Self Referral Sustenance Prashno Upanishad -6
- 29 Approach focus Braham : Sathul sharir & Sathul Sharir-Suksham sharir-1
- 30 Approach focus Braham : Sathul sharir & Sathul Sharir-Suksham sharir-2
- 31 Approach focus Braham : Sathul sharir & Sathul Sharir-Suksham sharir-3
- 32 Approach focus Braham : Sathul sharir & Sathul Sharir-Suksham sharir-4
- 33 Approach focus Braham : Sathul sharir & Sathul Sharir-Suksham sharir-5
- 34 Approach focus Braham : Sathul sharir & Sathul Sharir-Suksham sharir-6
- 35 Approach focus Braham : Sathul sharir & Sathul Sharir-Suksham sharir-7
- 36 Approach focus: Suksham Sharir-States of consciuosness-1
- 37 Approach focus: Suksham Sharir-States of consciuosness-2
- 38 Approach focus: Suksham Sharir-States of consciuosness-3
- 39 Approach focus: Suksham Sharir-States of consciuosness-4
- 40 Approach focus: Suksham Sharir-States of consciuosness-5

- 41 Approach focus: Suksham Sharir-States of consciousness-6  
 42 Approach focus: Suksham Sharir-States of consciousness-7  
 43 Approach focus: Karan Sharir -1  
 44 Approach focus: Karan Sharir -2  
 45 Approach focus: Karan Sharir -3  
 46 Approach focus: Karan Sharir -4  
 47 Approach focus: Karan Sharir -5  
 48 Approach focus: Karan Sharir -6  
 49 Approach focus: Karan Sharir -7  
 50 Approach focus: Pursha format-1  
 51 Katha Upanishad  
 52 Aiteriya Upanishad  
 53 Taitriya Upanishad  
 54 Swateshwara Upanishad  
 55 Patanjali Yogdarshan  
 56 Atamprabodho Upanishad  
 57 Vedic Geometry at base of human frame-1  
 58 Vedic Geometry at base of human frame-2  
 59 Vedic Geometry at base of human frame-3  
 60 Vedic Geometry at base of human frame-4  
 61 Vedic Geometry at base of human frame-5  
 62 Vedic Geometry at base of human frame-6  
 63 Vedic Geometry at base of human frame-7  
 64 Vedic Geometry at base of human frame-8  
 65 Vedic Geometry at base of human frame-9  
 66 Vedic Geometry at base of human frame-10  
 67 Vedic Geometry at base of human frame-11  
 68 Vedic Geometry at base of human frame-12  
 69 Vedic Geometry at base of human frame-13  
 70 Vedic Geometry at base of human frame-14  
 71 Vedic Geometry at base of human frame-15  
 72 Vedic Geometry at base of human frame-16  
 73 Vedic Geometry at base of human frame-17  
 74 Vedic Geometry at base of human frame-18  
 75 Vedic Geometry at base of human frame-19  
 76 Vedic Geometry at base of human frame-20  
 77 Vedic Geometry at base of human frame-21  
 78 Vedic Geometry at base of human frame-22  
 79 Vedic Geometry at base of human frame-23  
 80 Vedic Geometry at base of human frame-24  
 81 Vedic Geometry at base of human frame-25  
 82 Vedic Geometry at base of human frame-26  
 83 Vedic Geometry at base of human frame-27  
 84 Vedic Geometry at base of human frame-28

**INITIAL STAGE  
VEDIC GEOMETRY  
CERTIFICATION COURSE**

**COURSE CONTENTS**

-----  
**FIRST FEATURE      FOUR SPACE  
REALITY**  
 -----

- DAY 1      15-9-2005 Introduction to 4-space Reality
- DAY 2      16-9-2005 First approach to 4-space Reality
- DAY 3      17-9-2005 Second approach to 4-space Reality
- DAY 4      18-9-2005 Third approach to 4-space Reality
- DAY 5      19-9-2005 Fourth approach to 4-space Reality
- DAY 6      20-9-2005 Fifth approach to 4-space Reality
- DAY 7      21-9-2005 Mathematics, science and technology of 4-space

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**SECOND FEATURE      DISTINGUISHING  
FEATURES OF HYPER CUBE 4**  
 -----

- DAY 8      22-9-2005 First distinguishing feature
- DAY 9      23-9-2005 Second distinguishing feature
- DAY 10 24-9-2005 Third distinguishing feature

DAY 11 25-9-2005 Fourth distinguishing feature coiling around the transcendental core

DAY 12 26-9-2005 Fifth distinguishing feature DAY 24 08-10-2005 Solid order of transcendental core supplying spiral formats for spatial coils

DAY 13 27-9-2005 Sixth distinguishing feature DAY 25 09-10-2005 Spatial order accepting splits for the spirals around the transcendental stem

DAY 14 28-9-2005 Seventh distinguishing feature

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THIRD FEATURE MANIFESTATION FORMAT  
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DAY 15 29-9-2005 Four spatial dimensions DAY 26 10-10-2005 The split deserves to be chased along both axes of spatial order

DAY 16 30-9-2005 Four steps long measuring rod DAY 27 11-10-2005 The pair of spatial spirals may be parallel or cross

DAY 17 01-10-2005 Four fold manifestation format DAY 28 12-10-2005 The spirals may be parallel or cross and that to, to be in identical or opposite orientations

DAY 18 02-10-2005 First fold also accepts full manifestation format

DAY 19 03-10-2005 Second fold also accepts full manifestation format

DAY 20 04-10-2005 Third fold also accepts full manifestation format

DAY 21 05-10-2005 Fourth fold also accepts full manifestation format

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FOURTH FEATURE COMPACTIFICATION OF ORIGINS  
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DAY 22 06-10-2005 Compactification of origins at transcendental core of Creator's space

DAY 23 07-10-2005 Chase of the phenomenon as spatial order DAY 29 13-10-2005 Creator's space supplies manifestation formats

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FIFTH FEATURE REALITY OF 5-SPACE WITHIN 4-SPACE  
-----

DAY 30 14-10-2005 Each quarter of manifestation format may be of expression of full manifestation format

DAY 31 15-10-2005 Creator's space makes all spaces and their bodies just being the manifestation layers

DAY 32 16-10-2005 Creator's space itself accepts manifestation layer feature for its entities and phenomenon

DAY 33 17-10-2005 Solid order of transcendental worlds fulfills

Creator's space as solid manifestation layer

DAY 34 18-10-2005 The spatial and solid manifestation layers gets superimposed upon each other

DAY 35 19-10-2005 The phenomenon of emergence of transcendental worlds within Creator's space deserves to be chased as a phenomenon of superimposed layers, and as a consequence there of, both symmetric and asymmetric set ups co-exist.

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**SIXTH FEATURE FULFILLING  
SOLID QUANTIFIERS WITHIN  
CREATOR'S SPACE**

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DAY 36 20-10-2005 5-space deserves to be chased as space supplying five step long measuring rod

DAY 37 21-10-2005 5-space deserves to be chased as space supplying five step long transcendence range for four fold manifestation layers

DAY 38 22-10-2005 Each of five steps of transcendence range to accept full transcendence range for transcendence there form

DAY 39 23-10-2005 The dimensional order of each step of transcendental range as well being of full transcendence range

DAY 40 24-10-2005 The boundary fold of each step of transcendental range as well being of full transcendence range

DAY 41 25-10-2005 The origin fold of each step of transcendental range as well being of full transcendence range

DAY 42 26-10-2005 The phenomenon of firm establishment of solid quantifiers within Creator's space deserves to be chased fully

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**SEVENTH FEATURE MANIFESTATIONS  
OF SOLID QUANTIFIERS**

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DAY 43 27-10-2005 Chase real 5-space within Creator's space as Consciousness field within intelligence field

DAY 44 28-10-2005 Chase Consciousness field within intelligence field as solid order superimposed upon spatial order

DAY 45 29-10-2005 Chase this phenomenon as consciousness impulses superimposed upon intellectual waves

DAY 46 30-10-2005 Chase intellectual waves as carriers of manifested vales

DAY 47 31-10-2005 Chase consciousness impulses as carriers for life virtues

DAY 48 01-11-2005 Chase life virtue riding transcendental carriers of rays of the Sun

DAY 49 02-11-2005 Chase unity state of consciousness

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**EIGHTH FEATURE EMERGENCE OF  
TRANSCENDENTAL WORLDS  
WITHIN CREATOR'S SPACE**

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DAY 50 03-11-2005 Unity state of consciousness leads to transcendental order

DAY 51 04-11-2005 Transcendental order leads to transcendence within domain as well as within dimension, to their skylines

DAY 52 05-11-2005 Chase skylines of unity state along its first transcendental dimension

DAY 53 06-11-2005 Chase skylines of unity state along its second transcendental dimension

DAY 54 07-11-2005 Chase skylines of unity state along its third transcendental dimension

DAY 55 08-11-2005 Chase skylines of unity state along its fourth transcendental dimension

DAY 56 09-11-2005 Chase skylines of unity state along its fifth transcendental dimension

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NINTH FEATURE SYNTHESIZE OF  
MANIFESTATION LAYER

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DAY 57 10-11-2005 Skyline's emergence

DAY 58 11-11-2005 Skylines along spatial axes

DAY 59 12-11-2005 Ascendance through inner folds of the transcendental worlds

DAY 60 13-11-2005 Ascendance along both the axes of the spatial order

DAY 61 14-11-2005 Ascendance is to be looked for reversal of transcendence

DAY 62 15-11-2005 Cosmic phenomenon of trans sustained by Transcendental Skylines

DAY 63 16-11-2005 Coordination of spatial words by the transcendental core of Creator's space

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TENTH FEATURE PARTITIONING OF  
UNIVERSE AROUND  
TRANSCENDENTAL SKIES

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DAY 64 17-11-2005 Transcendental phenomenon of emergence of transcendental worlds in pairs within Creator's space

DAY 65 18-11-2005 Full transcendental world within First hemisphere

DAY 66 19-11-2005 Full transcendental world within Second hemisphere

DAY 67 20-11-2005 Sustenance of hemispheres by spatial order

DAY 68 21-11-2005 Hemisphere along first axis of spatial order

DAY 69 22-11-2005 Hemisphere along second axis of spatial order

DAY 70 23-11-2005 Partition of Universe as hemispheres

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ELEVENTH FEATURE CHASING  
DISTINCT UNIVERSES

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- DAY 71 24-11-2005 Artifice six and six steps long ranges
- DAY 72 25-11-2005 Shad Chakas format of Human frame: As external characteristics of measuring rod
- DAY 73 26-11-2005 Ten Chakras format: Transition from 3-space to 4-space
- DAY 74 27-11-2005 Five basic elements space and Sun: As measuring rod
- DAY 75 28-11-2005 Five basic elements space and Sun: As Dimensional order
- DAY 76 29-11-2005 Five senses band and mind: As measuring rod
- DAY 77 30-11-2005 Five senses band and mind: As Dimensional measures
- TWELFTH FEATURE CHASING SELF  
 REFERRALS DOMAINS  
 -----
- DAY 78 01-12-2005 Five basic element range
- DAY 79 02-12-2005 Divya Pursha
- DAY 80 03-12-2005 Atman (Self)
- DAY 81 04-12-2005 Vishnu Lok
- DAY 82 05-12-2005 Sun
- DAY 83 06-12-2005 Hyper Cube 6
- DAY 84 07-12-2005 6-space

# VEDIC MATHEMATICS

for self-learner enthusiasts

## Part-1

### Vedic mathematics text



(11-5-05 to 12-5-05)

Lesson	Date	Title
--------	------	-------

- |   |         |                                   |
|---|---------|-----------------------------------|
| 1 | 11-5-05 | Vedic Mathematics Text            |
| 2 | 12-5-05 | Sankhiya nishtha and yoga nishtha |

#### Part-1 A

#### Ganita Sutras 1, 2 and Upsutra-1

One lesson a day for week (17-5-05 to 23-5-05)

- |   |         |   |
|---|---------|---|
| 3 | 17-5-05 | Ganita Sutra-1                                  |
| 4 | 18-5-05 | Ganita Upsutra-1                                |
| 5 | 19-5-05 | Ganita Sutra-2                                  |
| 6 | 20-5-05 | Applied values of Ganita Sutra1                 |
| 7 | 21-5-05 | A-1 'two is one more than one'                  |
| 8 | 22-5-05 | A-2 '1 as 1-space' takes to '2 as 2-space'      |
| 9 | 23-5-05 | A-3 place value format for artifices of numbers |

#### Part-2

Extended range of numerals

'Two lessons a day'

for the days 24-5-05 to 28-5-05

Lesson no.	Lesson	Date
------------	--------	------

- |   |                    |         |
|---|--------------------|---------|
| 1 | Counting           | 24-5-05 |
| 2 | Ekadhika numerals  | 24-5-05 |
| 3 | Reverse counting   | 25-5-05 |
| 4 | Ekanunena numerals | 25-5-05 |
| 5 | Negative numerals  | 26-5-05 |
| 6 | Numbers line       | 26-5-05 |



- 7 Numbers cone 27-5-05
- 8 Mathematics activity 27-5-05
- 9 Double digits numerals 28-5-05
- 10 Replacement of bigger numerals 28-5-05

**Part-3**  
 Arithmetic operations on first principles  
 One lesson a day  
 for the days 29-5-05 to 6-6-05

- 1 Di-monad format 29-5-05
- 2 Numerals as a pair of digits 30-5-05
- 3 Addition of two digits number 31-5-05
- 4 Multiplication of numerals as pair of digits 1-6-05
- 5 Multiplication of two digits numbers 2-6-05
- 6 Extension Of Format Of Pair Of Slots Into That Of Triple Slots 3-6-05
- 7 Tables of numerals one, two, three, four and five 4-6-05
- 8 Tables of numerals six, seven, eight and nine 5-6-05
- 9 Different organisations with different place values systems 6-6-05

**Part-4**  
 Tables  
 One lesson a day  
 for week 7-6-05 to 13-6-05

- 1 Introductory 7-6-05
- 2 Tables of numbers of digits 8-6-05  
 $0, 1, \bar{1}$
- 3 Tables of numbers of digits 9-6-05  
 $0, 1, 2, \bar{1}, \bar{2}$
- 4 Tables of numbers of digits 10-6-05  
 $0, 1, 2, 3, \bar{1}, \bar{2}, \bar{3}$
- 5 Tables of numbers of digits 11-6-05  
 $0, 1, 2, 3, 4, \bar{1}, \bar{2}, \bar{3}, \bar{4}$
- 6 Tables of numbers of digits 12-6-05  
 $0, 1, 2, 3, 4, 5, \bar{1}, \bar{2}, \bar{3}, \bar{4}$
- 7 Recapitulation and Sum up 13-6-05

**Part-5**  
 Fractions  
 One lesson a day  
 for week 14-6-05 to 20-6-05

- 36. Fractions: Overview 14-6-05
- 37. Vedic numerical code and Ganita Upsutra-4 15-6-05
- 38. Table of Ekadhikas 16-6-05
- 39-42 Fractions  $1/N, N=1$  to 100 17-6-05-20-6-2005  
 (Self study exercises)
- 39. lesson-26 of Swami Ji's Book Vedic mathematics
- 40. lesson-28 of Swami Ji's Book Vedic mathematics
- 41. lesson-29 of Swami Ji's Book Vedic mathematics
- 42. lesson-30 of Swami Ji's Book Vedic mathematics

**Part-6**  
 Approaching Geometry the Vedic way  
 Lessons-43 to 49 dated 21-6-2005 to 27-6-2005

Contents

- 43 Domain-boundary ratio 21-6-2005
- 44 Formulation of  $(A+2)^n, n=1,2,3$  22-6-2005
- 45 *Existence of higher Spaces* 23-6-2005
- 46 Outward and Inward Expansions 24-6-2005
- 47 Geometries of three space 25-6-2005
- 48  $2n+1$  Geometries for n space 26-6-2005
- 49 960 cubes net 6-space 27-6-2005

PART-7  
INTRODUCTION TO THE DISCIPLINE  
OF VEDIC MATEMATICS, SCIENCES  
AND TECHNOLOGIES

- Lesson-50 to 58 28-6-2005 to 6-7-2005  
50 Introductory 28-6-2005  
51 Measures and measuring rods 29-6-2005  
52 Recapitulation about the representative  
regular bodies of 1 to 6-space 30-6-2005  
53 3-space mathematics, science and  
technologies  
54 To chase the manifestation of the cube
- Course –5 ‘Vedic Mathematics, Science and  
Technology’  
28-3-2005 to 22 July 2005  
**Lessons 1 to 117**
- VMST 117 - First Eye Seal - 22 July, 2005  
VMST 116 - Chiseling of Third Eye - 21  
July, 2005  
VMST 115 - Space Format Geometry of  
'Suns Pair' - 20 July, 2005  
VMST 114 - Water, Water, Water - 19 July,  
2005  
VMST 113 - NVF(Five) = NVF(Nine) - 18  
July, 2005  
VMST 112 - Half-Axis Creator - 17 July,  
2005  
VMST 111 - Axes Lord - 16 July, 2005  
VMST 1 - Discipline Range - 28 March,  
2005  
VMST 110 - Transcendental Carriers  
Embedded with Brahman  
Intelligence, at First Stage Take  
Being to Sapt Rishi Lok - 15  
July, 2005  
VMST 109 - Brahman Intelligence Flow  
within Transcendental Worlds -  
14 July, 2005  
VMST 108 - Brahman Intelligence in  
Transcendental Worlds - 13  
July, 2005  
VMST 107 - Ganita Sutra-5 as Source Sutra  
- 12 July, 2005

- VMST 106 - Ganita Sutra-4 as Source Sutra  
- 11 July, 2005  
VMST 105 - Ganita Sutra-3 as Source Sutra  
- 10 July, 2005  
VMST 104 - Ganita Sutra-2 as Source Sutra  
- 9 July, 2005  
VMST 103 - Transcendental World's Within  
Creator's Space - 8 July, 2005  
VMST 102 - Tetra Monad Perfection  
Features - 7 July, 2005  
VMST 101 - Ganita Sutras: Source Sutras -  
Transcendental Features - 6  
July, 2005  
VMST 100 - To chase the manifestation of  
cube - 5 July, 2005  
VMST 99 - 3-space mathematics, sciences  
& technologies - for chase of  
micro, macro and casual state - 4  
July, 2005  
VMST 98 - Go to Boundary of Boundary - 3  
July, 2005  
VMST 97 - Basic Features of Micro State  
Technologies to Casual State  
Technologies - 2 July, 2005  
VMST 96 - Basic Features of Micro State  
Technologies Vis-A-Vis the  
Micro State Technologies - 1  
July, 2005  
VMST 95 - Boundary as Transition Stage  
And Phase Between Macro and  
Micro States - 30 June, 2005  
VMST 94 - Transition from Macro State to  
Micro State Technologies - 29  
June, 2005  
VMST 93 - Macro State Technologies of 6-  
space - 28 June, 2005  
VMST 92 - Macro State Technologies of 5-  
space - 27 June, 2005  
VMST 91 - Macro State Technologies of 4-  
space - 26 June, 2005  
VMST 90 - Macro State Sciences of 6-space  
- 25 June, 2005  
VMST 89 - Macro State Sciences of 5-space  
- 24 June, 2005

- VMST 88 - Macro State Sciences of 4-space  
- 23 June, 2005
- VMST 87 - Mathematics of 6-space - 22  
June, 2005
- VMST 86 - Mathematics of 5-space - 21  
June, 2005
- VMST 85 - Mathematics of 4-space - 20  
June, 2005
- VMST 84 - Mathematics, Sciences &  
Technologies of 4 and higher  
dimensional spaces - 19  
June,2005
- VMST 83 - Mathematics, Sciences &  
Technologies of 3 space - 18  
June, 2005
- VMST 82 - Package and Lineages - 17 June,  
2005
- VMST 81 - Self Sustaining Axis  
Intelligence - 16 June, 2005
- VMST 80 - Void Packs Intelligence - 15  
June, 2005
- VMST 79 - Triloki Intelligence - 14 June,  
2005
- VMST 78 - Creator's Intelligence - 13 June,  
2005
- VMST 77 - Transcendental Worlds  
Intelligence - 12 June, 2005
- VMST 76 - Self Referral Domain  
Intelligence - 11 June, 2005
- VMST 75 - Sapt Bhumi Intelligence - 10  
June, 2005
- VMST 74 - Asht Prakati Intelligence - 9  
June, 2005
- VMST 73 - Brahman Intelligence - 8 June,  
2005
- VMST 72 - Transcendental Carriers-2 - 7  
June, 2005
- VMST 71 - Transcendental Carriers-1 - 6  
June, 2005
- VMST 70 - Grand Unification Aspect-8:  
Diversity Spectrum VII - 5 June,  
2005
- VMST 69 - Grand Unification Aspect-7:  
Diversity Spectrum VI - 4 June,  
2005
- VMST 68 - Grand Unification Aspect-6:  
Diversity Spectrum V - 3 June,  
2005
- VMST 67 - Grand Unification Aspect-5:  
Diversity Spectrum IV - 2 June,  
2005
- VMST 66 - Grand Unification Aspect-4:  
Diversity Spectrum-III - 1 June,  
2005
- VMST 65 - Grand Unification Aspect-3:  
Diversity Spectrum-II - 31 May,  
2005
- VMST 64 - Grand Unification Aspect-2 :  
Diversity Spectrum - 30 May,  
2005
- VMST 63 - Grand Unification Aspect-1 - 29  
May, 2005
- VMST 62 - Origin of Solar Universe - 28  
May, 2005
- VMST 61 - Pole Star as Origin - 27 May,  
2005
- VMST 60 - Enlightenment gems of Divine  
dialogue - Kshatra-Kshtrajna -  
Aspect 6 - 26 May, 2005
- VMST 59 - Enlightenment gems of Divine  
dialogue - Kshatra-Kshtrajna -  
Aspect 5 - 25 May, 2005
- VMST 58 - Enlightenment gems of Divine  
dialogue - Kshatra-Kshtrajna -  
Aspect 4 - 24 May, 2005
- VMST 57 - Enlightenment gems of Divine  
dialogue - Kshatra-Kshtrajna -  
Aspect 3 - 23 May, 2005
- VMST 56 - Enlightenment gems of Divine  
dialogue - Kshatra-Kshtrajna -  
Aspect 2 - 22 May, 2005
- VMST 55 - Enlightenment gems of Divine  
dialogue - Kshatra-Kshtrajna -  
Aspect 1 - 21 May, 2005
- VMST 54 - Enlightenment gems of Divine  
dialogue - Man is as is his faith -  
20 May, 2005
- VMST 53 - Enlightenment gems of Divine  
dialogue - Beginning is to be

- had with Yoga Nishta - 19 May, 2005
- VMST 52 - Enlightenment gems of Divine dialogue - Sankhya Nishtha and Yoga Nishtha - 18 May, 2005
- VMST 51 - Enlightenment gems of Divine dialogue - Vedic Mathematics Text - 17 May, 2005
- VMST 50 - Enlightenment gems of Divine dialogue - IV - 16 May, 2005
- VMST 49 - Enlightenment gems of Divine dialogue - III - 15 May, 2005
- VMST 48 - Enlightenment gems of Divine dialogue - II - 14 May, 2005
- VMST 47 - Enlightenment gems of Divine dialogue - I - 13 May, 2005
- VMST 46 - Geeta Chapter 11 - 12 May, 2005
- VMST 45 - Geeta Chapter 10 - 11 May, 2005
- VMST 44 - Geeta Chapter 9 - 10 May, 2005
- VMST 43 - Geeta Chapter 8 - 9 May, 2005
- VMST 42 - Geeta Chapter 7 - 8 May, 2005
- VMST 41 - Geeta Chapter 6 - 7 May, 2005
- VMST 40 - Srimad Bhagwad Geeta - Divine Dialogue Chapter - 5 - 6 May, 2005
- VMST 39 - Srimad Bhagwad Geeta - Divine Dialogue Chapter - 4 - 5 May, 2005
- VMST 38 - Srimad Bhagwad Geeta - Divine Dialogue Chapter - 3 - 4 May, 2005
- VMST 37 - Srimad Bhagwad Geeta - Divine Dialogue Chapter - 2 - 3 May, 2005
- VMST 36 - Srimad Bhagwad Geeta - Divine Dialogue Chase - 2 May, 2005
- VMST 35 - Blissful Exercise of Chase of Organization Formats - 1 May, 2005
- VMST 34 - Geeta Chapter 1 - 30 April, 2005
- VMST 33 - Blissful Exercise - 29 April, 2005
- VMST 32 - Four Quarters Organization Format For the Text - 28 April, 2005
- VMST 31 - Pushpika / Colophons - 27 April, 2005
- VMST 30 - Ath to Pushpika - 26 April, 2005
- VMST 29 - Introductory - 25 April, 2005
- VMST 28 - Glaring Features of the Discipline (Phase Stage 12) - 24 April, 2005
- VMST 27 - Folds of Transcendental Line (Phase Stage 11) - 23 April, 2005
- VMST 26 - Process the way ativahkas carry (Phase stages-9,10) - 22 April, 2005
- VMST 25 - VMSTs of different stages (Phase stages-7, 8) - 21 April, 2005
- VMST 24 - Range of the discipline of VMST (Phase stages-5, 6) - 20 April, 2005
- VMST 23 - Processing while Transcending (Phase Stages 3,4) - 19 April, 2005
- VMST 22 - Discipline of study (Phase Stages 1, 2) - 18 April, 2005
- VMST 21 - Lord Shiva and Vishnu's Bows - 17 April, 2005
- VMST 20 - The Staff of Vasistha - 16 April, 2005
- VMST 19 - The Richness of Sabla Cow - 15 April, 2005
- VMST 18 - The Plight of Trishanku - 14 April, 2005
- VMST 17 - Human Voice Controlled Sons - 13 April, 2005
- VMST 16 - Sacrifice for being blessed with a Son - 12 April, 2005
- VMST 15 - Balya Kanda of Adi Valmiki Ramayana - 11 April, 2005
- VMST 14 - Self-evaluation Exercises-2 - 10 April, 2005
- VMST 13 - Self-evaluation Exercises-1 - 9 April, 2005

- VMST 12 - Manifestation Layer (3, 4, 5, 6) - 8 April, 2005
- VMST 11 - Hypercube-6 format - 7 April, 2005
- VMST 10 - Hypercube-5 Format - 6 April, 2005
- VMST 9 - Hypercube-4 Format - 5 April, 2005
- VMST 8 - Hypercube 4, 5 & 6 Formats - 4 April, 2005
- VMST 7 - Exercises of lesson-003 - 3 April, 2005
- VMST 6 - Exercises of lesson-002 - 2 April, 2005
- VMST 5 - Exercises of lesson-001 - 1 April, 2005
- VMST 4 - Suriya Namaskar - 31 March, 2005
- VMST 3 - Manifested Reality with Transcendental Base - 30 March, 2005
- VMST 2 - Pursha Format - 29 March, 2005
- VMST 1 - Discipline Range - 28 March, 2005

## UNDERSTANDING MATHEMATICAL BASIS OF ENGLISH LANGUAGE

3	Part 3	Section 6, Section 7	Weeks 26-30, Weeks 31-35,	CS 176 to 200 CS 201 to 245
4	Part 4	Section 8, Section 9, Section 10	Weeks 36-40, Weeks 41-45, Weeks 46-50	CS 246 to 280 CS 281 to 315 CS 316 to 350
5	Part 5	Section 11	Weeks 51-55	CS 351 to 385

Part - 1 Numbers

Section-1 NVFs

Week - 1 Initial Conceptual Steps

- 1 Number Value formats (NVFs) of alphabet letters
- 2 NVFs of words
- 3 NVFs tables: Numbers one to twenty six
- 4 NVFs tables: Sequence: first to twenty sixth
- 5 NVFs tables: Features firstly to twenty sixthly
- 6 NVFs tables: Transcendental / new features: firstling to twenty sixthling
- 7 NVFs tables: NVF 27 to NVF 200

Week - 2 Seed (S)

- 8 NVF (Seeds) = NVF (Earth)
- 9 See D
- 10 Seed A to Seed Z
- 11 Seed one to Seed twenty six
- 12 First seed to twenty six seed
- 13 First seedling to twenty six seedling
- 14 First seed seal to twenty sixth seed seal

Week - 3 Cube

- 15 NVF (Cube)

Sr	Part	Sections	Weeks	Chase steps
1	Part 1	Section 1, Section 2	Weeks 01 -05, Weeks 06-10	CS 01 to 35 CS 36 to 70
2	Part 2	Section 3, Section 4, Section 5,	Weeks 11-15, Weeks 16-20, Weeks 21-25,	CS 71 to 105 CS 106 to 140 CS 140 to 175

- 16 NVF (Zero)
- 17 NVF (Unit)
- 18 Space unit
- 19 Bed
- 20 Flow Bed
- 21 Transcendental bed

Week – 4 Ultimate

- 22 NVF (U, L, T, I, M, A, T, E)
- 23 Interval
- 24 Number 101
- 25 Half Point
- 26 Features and Format of Point
- 27 Creator beam
- 28 Church Mind

Week – 5 Sequential ‘Ultimate Go’

- 29 NVF (Sequential)
- 30 Sequential Ultimate go
- 31 Sequential chase steps
- 32 Tenth, Eleventh and Twelfth ‘Sequential steps’
- 33 ‘Thirteenth to Nineteenth’ as third phase of sequential step
- 34 ‘Twentieth’, as fourth phase and stage of sequential steps
- 35 Formulations range ‘twenty, thirty, forty, fifty, sixty, seventy, eighty and ninety’

Section – 2 Structures

Week- 6 Structured Point

- 36 ‘void’
- 37 Structures
- 38 A pairing half of system
- 39 Structural chase: One, two, three,
- 40 Avoidance
- 41 Recapitulation and Revisit
- 42 Hints for glimpsing for insight

Week – 7 Light Space

- 43 Light Space

- 44 Half Black
- 45 Sunlight
- 46 Sunrays
- 47 Rainbow
- 48 Light Cage carrier
- 49 Sunlight Frame carrier

Week – 8 Human Body: Being

- 50 Human Body: Being
- 51 Body states
- 52 Human being
- 53 Being Seal
- 54 Human body
- 55 Human body being
- 56 Continuum

Week – 9 Human being: Self

- 57: Human
- 58: Human being
- 59: Human being self
- 60: (Being, Self, sole)
- 61: (Self, Sole)
- 62: (Sole)
- 63: (Universal sole)

Week – 10 Human being: Soul

- 64: NVF (Birth)
- 65: NVF (Rebirth)
- 66: NVF (Birth, Rebirth)
- 67: (Being and birth rebirth)
- 68: (Self and birth, rebirth)
- 69: (sole and birth rebirth)
- 70: (universal sole and birth rebirth)

Part – 2 Domains Lights

Section -3 Five Elements range

Week-11 Earth

- 71: Earth
- 72: NVF (Earth)
- 73: Earth, Earth
- 74: Earth, Water

- 75: Earth, Fire
- 76: Earth, Air
- 77: Earth, Space

Week – 12 Water

- 78: Water
- 79: NVF (Water)
- 80: Water, Earth
- 81: Water, Water
- 82: Water, Fire
- 83: Water, Air
- 84: Water, Space

Week – 13 Fire

- 85: Fire
- 86: NVF (Fire)
- 87: Fire, Earth
- 88: Fire, Water
- 89: Fire, Fire
- 90: Fire, Air
- 91: Fire, Space

Week – 14 Air

- 92: Air
- 93: NVF (Air)
- 94: Air, Earth
- 95: Air, Water
- 96: Air, Fire
- 97: Air, Air
- 98: Air, Space

Week – 15 Space

- 99: Space
- 100: NVF (Space)
- 101: Space, Earth
- 102: Space, Water
- 103: Space, Fire
- 104: Space, Air
- 105: Space, Space

Section -4 Six Elements range

Week -16 (Earth, Sun)

- 106: NVF (Earth, Sun)
- 107: (Sun, Earth)
- 108: (52, 54)
- 109: (51, 55)
- 110: (50, 56)
- 111: (49, 57)
- 112: (48, 58)

Week -17 (Water, Sun)

- 113: NVF (Water, Sun)
- 114: (Water, Earth)
- 115: 54, 67
- 116: (53, 68)
- 117: (52, 69)
- 118: (51, 70)
- 119: (50, 71)

Week – 18 (Fire, Sun)

- 120: NVF (Fire, Sun)
- 121: (Sun, Fire)
- 122: (54, 38)
- 123: (53, 39)
- 124: (52, 40)
- 125: 51, 41
- 126: 50, 42

Week – 19 (Air, Sun)

- 127: NVF (Air, Sun)
- 128: (Sun, Air)
- 129: (54, 28)
- 130: (53, 29)
- 131: (52, 30)
- 132: (51, 31)
- 133: (50, 32)

Week – 20 (Space, Sun)

- 134: NVF (Space, Sun)
- 135: (Sun, Space)
- 136: (54, 44)

137: (53, 45)

138: (52, 46)

139: (51, 47)

140: (50, 48)

Week – 21 (Earth, Polestar)

141: NVF (Earth, Polestar)

142: NVF (Polestar, Earth)

143: 106, 52

144: 105, 53

145: 104, 54

146: 103, 55

147: 102, 56

Week – 22 (Water, Polestar)

148: NVF (Water, Polestar)

149: (Polestar, Water)

150: 106, 67

151: 105, 68

152: 104, 69

153: 103, 70

154: 102, 71

Week – 23 (Fire, Polestar)

155: NVF (Fire, Polestar)

156: (Polestar, Fire)

157: (106, 38)

158: (105, 39)

159: (104, 40)

160: (103, 41)

161: (102, 42)

Week – 24 (Air, Polestar)

162: NVF (Air, Polestar)

163: (Polestar, Air)

164: 106, 28

165: (105, 29)

166: (104, 30)

167: (103, 31)

168: (102, 32)

Week – 25 (Space, Polestar)

169: NVF (Space, Polestar)

170: (Polestar, Space)

171: (106, 44)

172: (105, 45)

173: (104, 46)

174: (103, 47)

175: (102, 48)

Part – 3 Life line

Section -6 Life

Week – 26 Life

176: NVF (L) = 12

177: NVF (Li) = 21

178: NVF (Lif) = 27

179: NVF (Life) = 32

180: NVF (ife) = 20

181: NVF (fe) = 11

182: NVF (e) = 5

Week – 27 A cube

183: (1 + 31)

184: (2+30, 3+29, 4+28)

185: (5+27, 6+26, 7+25, 8+24, 9+23)

186: (10+22, 11+21, 12+20, 13+19, 14+18, 15+17, 16+16)

187: (27+5, 26+6, 25+7, 24+8, 23+9)

188: (30+2, 29+3, 28+4)

189: (31+1)

Week-28 Load

190: NVF (L) = 12

191: NVF (Lo) = 27

192: NVF (Loa) = 28

193: NVF (Load) = 32

194: NVF (oad) = 20

195: NVF (ad) = 5

196: NVF (d) = 4

Week-29 Jail



- 197: NVF (J) = 10  
 198: NVF (Ja) = 11  
 199: NVF (Jai) = 20  
 200: NVF (Jail) = 32  
 201: NVF (ail) = 22  
 202: NVF (il) = 21  
 203: NVF (l) = 12

Week – 30

- 204: (16, 16)  
 205: (8 + 8, 8+8)  
 206: (4+4, 4+4, 4+4, 4+4)  
 207: (2+2, 2+2, 2+2, 2+2, 2+2, 2+2, 2+2, 2+2, 2+2)  
 208: (1+3, 1+3, 1+3, 1+3)  
 209: (3+5, 3+5, 3+5, 3+5)  
 210: (5+6+5, 5+6+5)

Week-31 life line

- 211: 32+40  
 212: 31+41  
 213: 30+42  
 214: 29+43  
 215: 28+44  
 216: 27+45  
 217: 26+46

Week-32 mind life

- 218: 40+32  
 219: 41+31  
 220: 42+30  
 221: 43+29  
 222: 44+28  
 223: 45+27  
 224: 46+26

Week – 33 Jail life

- 225: (32, 32)  
 226: (31, 33)  
 227: (30, 34)  
 228: (29, 35)

- 229: (28, 36)  
 230: (27, 37)  
 231: (26, 38)

Week-34 Mind line

- 232: (40+40)  
 233: (39+41)  
 234: (38+42)  
 235: (37+43)  
 236: (36+44)  
 237: (35+45)  
 238: (34+46)

Week-35 Zero unit

- 239: Point as zero unit  
 240: Line as zero unit  
 241: Area as zero unit  
 242: Volume as zero unit  
 243: (Z, E, R, O)  
 244: (L, I, N, E)  
 245: (Z, E, R, O; L, I, N, E)

Part – 4 eco spheres

Section -8 Sphere

Week – 36 Sphere-1

- 246 First solid dimension of linear format  
 247 First solid dimension of spatial format  
 248 First solid dimension of solid format  
 249 First solid dimension of hyper solid 4 format  
 250 First solid dimension of hyper solid 5 format  
 251 First solid dimension of hyper solid 6 format  
 252 First solid dimension of hyper solid 7 format

Week – 37 Sphere-2

- 253 Second solid dimension of linear format

- 254 Second solid dimension of spatial format
- 255 Second solid dimension of solid format
- 256 Second solid dimension of hyper solid 4 format
- 257 Second solid dimension of hyper solid 5 format
- 258 Second solid dimension of hyper solid 6 format
- 259 Second solid dimension of hyper solid 7 format

Week – 38 Sphere-3

- 260 Third solid dimension of linear format
- 261 Third solid dimension of spatial format
- 262 Third solid dimension of solid format
- 263 Third solid dimension of hyper solid 4 format
- 264 Third solid dimension of hyper solid 5 format
- 265 Third solid dimension of hyper solid 6 format
- 266 Third solid dimension of hyper solid 7 format

Week – 39 Sphere-4

- 267 Fourth solid dimension of linear format
- 268 Fourth solid dimension of spatial format
- 269 Fourth solid dimension of solid format
- 270 Fourth solid dimension of hyper solid 4 format
- 271 Fourth solid dimension of hyper solid 5 format
- 272 Fourth solid dimension of hyper solid 6 format
- 273 Fourth solid dimension of hyper solid 7 format

Week – 40 Sphere-5

- 274 Five solid dimension of linear format
- 275 Five solid dimension of spatial format
- 276 Five solid dimension of solid format
- 277 Five solid dimension of hyper solid 4 format
- 278 Five solid dimension of hyper solid 5 format
- 279 Five solid dimension of hyper solid 6 format
- 280 Five solid dimension of hyper solid 7 format

Section -9 Eco sphere

Week – 41 Eco sphere-1

- 281 First solid dimension of Eco linear format
- 282 First solid dimension of Eco spatial format
- 283 First solid dimension of Eco solid format
- 284 First solid dimension of Eco hyper solid 4 format
- 285 First solid dimension of Eco hyper solid 5 format
- 286 First solid dimension of Eco hyper solid 6 format
- 287 First solid dimension of Eco hyper solid 7 format

Week – 42 Eco sphere-2

- 288 Second solid dimension of Eco linear format
- 289 Second solid dimension of Eco spatial format
- 290 Second solid dimension of Eco solid format
- 291 Second solid dimension of Eco hyper solid 4 format
- 292 Second solid dimension of Eco hyper solid 5 format
- 293 Second solid dimension of Eco hyper solid 6 format

294 Second solid dimension of Eco hyper solid 7 format

Week – 43 Eco sphere-3

295 Third solid dimension of Eco linear format

296 Third solid dimension of Eco spatial format

297 Third solid dimension of Eco solid format

298 Third solid dimension of Eco hyper solid 4 format

299 Third solid dimension of Eco hyper solid 5 format

300 Third solid dimension of Eco hyper solid 6 format

301 Third solid dimension of Eco hyper solid 7 format

Week – 44 Eco sphere-4

302 Fourth solid dimension of Eco linear format

303 Fourth solid dimension of Eco spatial format

304 Fourth solid dimension of Eco solid format

305 Fourth solid dimension of Eco hyper solid 4 format

306 Fourth solid dimension of Eco hyper solid 5 format

307 Fourth solid dimension of Eco hyper solid 6 format

308 Fourth solid dimension of Eco hyper solid 7 format

Week – 45 Eco sphere-5

309 Five solid dimension of Eco linear format

310 Five solid dimension of Eco spatial format

311 Five solid dimension of Eco solid format

312 Five solid dimension of Eco hyper solid 4 format

313 Five solid dimension of Eco hyper solid 5 format

314 Five solid dimension of Eco hyper solid 6 format

315 Five solid dimension of Eco hyper solid 7 format

Section -10 New eco sphere

Week – 46 New eco sphere-1

316 First solid dimension of New Eco linear format

317 First solid dimension of New Eco spatial format

318 First solid dimension of New Eco solid format

319 First solid dimension of New Eco hyper solid 4 format

320 First solid dimension of New Eco hyper solid 5 format

321 First solid dimension of New Eco hyper solid 6 format

322 First solid dimension of New Eco hyper solid 7 format

Week – 47 New eco sphere-2

323 Second solid dimension of New Eco linear format

324 Second solid dimension of New Eco spatial format

325 Second solid dimension of New Eco solid format

326 Second solid dimension of New Eco hyper solid 4 format

327 Second solid dimension of New Eco hyper solid 5 format

328 Second solid dimension of New Eco hyper solid 6 format

329 Second solid dimension of New Eco hyper solid 7 format

Week – 48 New eco sphere-3

- 330 Third solid dimension of New Eco linear format
- 331 Third solid dimension of New Eco spatial format
- 332 Third solid dimension of New Eco solid format
- 333 Third solid dimension of New Eco hyper solid 4 format
- 334 Third solid dimension of New Eco hyper solid 5 format
- 335 Third solid dimension of New Eco hyper solid 6 format
- 336 Third solid dimension of New Eco hyper solid 7 format

Week – 49 New eco sphere-4

- 337 Fourth solid dimension of New Eco linear format
- 338 Fourth solid dimension of New Eco spatial format
- 339 Fourth solid dimension of New Eco solid format
- 340 Fourth solid dimension of New Eco hyper solid 4 format
- 341 Fourth solid dimension of New Eco hyper solid 5 format
- 342 Fourth solid dimension of New Eco hyper solid 6 format
- 343 Fourth solid dimension of New Eco hyper solid 7 format

Week – 50 New eco sphere-5

- 344 Five solid dimension of New Eco linear format
- 345 Five solid dimension of New Eco spatial format
- 346 Five solid dimension of New Eco solid format
- 347 Five solid dimension of New Eco hyper solid 4 format
- 348 Five solid dimension of New Eco hyper solid 5 format

- 349 Five solid dimension of New Eco hyper solid 6 format
- 350 Five solid dimension of New Eco hyper solid 7 format

Part-5 Eternity

Section -11 Sphere range

Week-51 Sphere range

- 351: Sphere range – 1
- 352: Sphere range – 2
- 353: Sphere range – 3
- 354: Sphere range – 4
- 355: Sphere range – 5
- 356: Sphere range – 6
- 357: Sphere range – 7

Week-52 Transcendental self referral creation

- 358: Sphere Creation – 1
- 359: Sphere Creation – 2
- 360: Sphere Creation – 3
- 361: Sphere Creation – 4
- 362: Sphere Creation – 5
- 363: Sphere Creation – 6
- 364: Sphere Creation – 7

Week-53 Exercies-1 Singles  
(range of creation range (continuum 1 to 130))

Week-54 Exercies-2 Pairs  
(reach of Transcendental self referral (1 to 150 and 151 to 300))

Week-55 Exercies-3 Paired pairs  
(reach of ‘Transcendental self referral paragraph’  
Discipline (life Discipline as Sun Discipline creator))

**Part – 6**  
**Section -12 Meta Physical technology**

# FOUNDATION COURSE



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
- Step 72** Source reservoir origin \*

**SRI-OM**  
**DWADASH VARSH GYAN YAJNA**  
**[TWELVE YEARS GYAN YAGYA]**  
**12-02-2006 TO 11-02-2018**  
**MEDITATION**  
**(31-12-2005 TO 12-01-2006)**  
**PRAYER MANIFESTATION LAYERS**  
**(12-01-2006 TO 12-02-2006)**

*CREATOR'S SPACE*

Section-1 12-2-2006 to 11-5-2006

- 1 Guru Brahma: Creator the Supreme
- 2 Lord Ganesha: Lord of Ganas
- 3 Unity state: Pole star Universe
- 4 Duwadas Lingum: Twelve 5 Chaturdas(14)Bhuwans: Fourteen self sustained domains
- 6 Awareness of Knowledge range
- 7 Organisation format of Rigved Samhita
- 8 Purusha format
- 9 Sathapatiya measuring rod
- 10 Age of Lord Brahma
- 11 To be conscious of it
- 12 A transcendental phenomena
- 13 Transcendental worlds within Creator' space
- 14 Flow of solid quantifiers within creator's domain
- 15 Along old to new formats
- 16 First vowel to Second vowel
- 17 Permit the mind to transcend through gap-range
- 18 Approaching solid dimensional order
- 19 'Ghan' / Body-cube
- 20 'Jad / mundane' and 'Sacheten/  
transcendental'
- 21 Alphabet: "Posers"
- 22 "To Structure the void"
- 23 "Invoking the ultimate"
- 24 "Twenty-five sankhiya elements"
- 25 "To structure the void"
- 26 This phase of first quarter
- 27 Triloki and creator's space
- 28 Transcendental worlds within creator's  
space



- 29 Sun and creator's space  
 30 Preparation for the second phase of this quarter  
 31 Triloki and Creator's Space  
 32 Along Hyper Cube 4 format  
 33 Cube as Manifestation layer (1,2,3,4)  
 34 Hyper Cube 4 as Manifestation layer (2,3,4,5)  
 35 Transcendental worlds as Manifestation layer (3,4,5,6)  
 36 Teaching along Hyper Cube 4 format  
 37 Learning along Hyper Cube 4 format  
 38 Vedic Mathematics Science and Technology Basics  
 39 Vedic Mathematics Science and Technology Skills  
 40 Vedic Geometry Course for Transition to Hyper Cube 5 format  
 41 Existence within framed domain  
 42 Space within Cavity of Heart  
 43 Universe within a Slab  
 44 Brahma within Slab  
 45 Glimpsing the Creator's range within the Slab  
 46 Focus Point Spatial Order  
 47 Focus Point Four Dimension  
 48 Focus Point Four Fold Manifestation  
 49 Focus Point Seal at the Origin  
 50 Focus Point Origin as Seat of Transcendental Worlds  
 51 Revisiting the Gyan Yajana steps  
 52 Revisiting the One's approach  
 53 Revisiting Sun to Earth Range  
 54 Revisiting Features of Creator's Space  
 55 Revisiting One's Evaluation of Oneself  
 56 Gyan Yajana: Concept and Steps  
 57 Creator's Space  
 58 Manifestation Layer  
 59 Transcendental Worlds  
 60 Transcendental Ranges

## Section-2 Unity State alphabet

- 61 Unity State Alphabet  
 62 Spatial order for alphabet format  
 63 Manifestation layer (2,3,4,5)

- 64 Step 4 Artifice 7
- 65 Step 5 “1” Place Value system and “0” Place value system
- 66 First Vowel & first Consonant
- 67 Step 2 2 First & second Vowel
- 68 Step 3 First, second & third Vowel
- 69 Step 4 First, second, third & fourth Vowel
- 70 Step 5 First, second, third, fourth & fifth Vowel
- 71 Sixth Vowel
- 72 Seventh Vowel
- 73 Eighth Vowel
- 74 Ninth Vowel
- 75 Brahman Range and Vowels
- 76 First Letter of first Row
- 77 Second Letter of first Row
- 78 Third Letter of first Row
- 79 Fourth Letter of first Row
- 80 Step 5 Fifth Letter of first Row
- 81 First Letter of Second Row
- 82 Second Letter of Second Row
- 83 Third Letter of Second Row
- 84 Fourth Letter of Second Row
- 85 Fifth Letter of Second Row
- 86 First Letter of Third Row
- 87 Second Letter of Third Row
- 88 Third Letter of Third Row
- 89 Fourth Letter of Third Row
- 90 Fifth Letter of Third Row
- 91 First Letter of Fourth Row
- 92 Second Letter of Fourth Row
- 93 Third Letter of Fourth Row
- 94 Fourth Letter of Fourth Row
- 95 Fifth Letter of Fourth Row
- 96 First Step
- 97 Second Step
- 98 Third Step
- 99 Fourth Step
- 100 Step 5 Fifth Step
- 101\_\_First Ushmna-Consonant g
- 102 Transition to 8 Yama Letters
- 103 Division of Yama Letters as of pair of Ranges of four letters each
- 104 Transition to 8 Yama Letters  
First and Second Yama Letter
- 105 Third Yama Letter
- 106 Transition from first sub range to second sub range

- 107 First Yama letter of second range
- 108 Second Yama letter of second range
- 109 Third Yama letter of second range
- 110 Fourth yama letter of second range
- 101 Transition to Antstha-Consonants
- 102 First Antstha-Consonant
- 103 Second Antstha-Consonant
- 104 Third Antstha-Consonant
- 105 Fourth Antstha-Consonant
- 106 Transition to Ushmna-Consonants
- 107 First Ushmna-Consonant
- 108 Second Ushmna-Consonant
- 109 Third Ushmna-Consonant
- 110 Fourth Ushmna-Consonant
- 111 Transition to Yama Letters
- 112 Division of Yama Letters as of pair of Ranges of four letters each
- 113 First and Second Yama Letter
- 114 Third Yama Letter
- 115 Fourth Yama Letter
- 116 Transition from first sub range to second sub range
- 117 First Yama letter of Second range
- 118 Second Yama letter of Second range
- 119 Third Yama letter of Second range
- 120 Fourth Yama letter of Second range

### **Section-3 Incarnations**

- 121 Creator's space fulfilled with transcendental values-1
- 122 Creator's space fulfilled with transcendental values-2
- 123 Creator's space fulfilled with transcendental values-3
- 124 Creator's space fulfilled with transcendental values-4
- 125 Creator's space fulfilled with transcendental values-5
- 126 Manifestation of transcendental values-1
- 127 Manifestation of transcendental values-2
- 128 Manifestation of transcendental values-3
- 129 Manifestation of transcendental values-4
- 130 Manifestation of transcendental values-5
- 131 Hyper cube 5 onwards-1
- 132 Hyper cube 5 onwards-2
- 133 Hyper cube 5 onwards-3
- 134 Hyper cube 5 onwards-4
- 135 Hyper cube 5 onwards-5
- 136 Transcendence through manifestation layers-1

- 137 Transcendence through manifestation layers-2
- 138 Transcendence through manifestation layers-3
- 139 Transcendence through manifestation layers-4
- 140 Transcendence through manifestation layers-5
- 141 Lord Shiv Incarnations-1
- 142 Lord Shiv Incarnations-1
- 143 Lord Shiv Incarnations-1
- 144 Lord Shiv Incarnations-1
- 145 Lord Shiv Incarnations-1
- 146 Lord Shiv Incarnations-II
- 147 Lord Shiv Incarnations-II
- 148 Lord Shiv Incarnations-II
- 149 Lord Shiv Incarnations-II
- 150 Lord Shiv Incarnations-II
- 151 Lord Shiv Incarnations-III
- 152 Lord Shiv Incarnations-III
- 153 Lord Shiv Incarnations-III
- 154 Lord Shiv Incarnations-III
- 155 Lord Shiv Incarnations-III
- 156 Lord Shiv Incarnations-IV
- 157 Lord Shiv Incarnations-IV
- 158 Lord Shiv Incarnations-IV
- 159 Lord Shiv Incarnations-IV
- 160 Lord Shiv Incarnations-IV
- 161 Lord Shiv Incarnations-V
- 162 Lord Shiv Incarnations-V
- 163 Lord Shiv Incarnations-V
- 164 Lord Shiv Incarnations-V
- 165 Lord Shiv Incarnations-V
- 166 Lord Vishnu Incarnations-I
- 167 Lord Vishnu Incarnations-I
- 168 Lord Vishnu Incarnations-I
- 169 Lord Vishnu Incarnations-I
- 170 Lord Vishnu Incarnations-I
- 171 Lord Vishnu Incarnations-II
- 172 Lord Vishnu Incarnations-II
- 173 Lord Vishnu Incarnations-II
- 174 Lord Vishnu Incarnations-II
- 175 Lord Vishnu Incarnations-II
- 176 Lord Vishnu Incarnations-III
- 177 Lord Vishnu Incarnations-III

- 178 Lord Vishnu Incarnations-III  
 179 Lord Vishnu Incarnations-III  
 180 Lord Vishnu Incarnations-III

#### **Section-4      Vedic Technology**

- 181 4-space mathematics-I  
 182 4-space mathematics-II  
 183 4-space mathematics-III  
 184 4-space mathematics-IV  
 185 4-space mathematics-V  
 186 4-space Sciences-I  
 187 4-space Sciences-II  
 188 4-space Sciences-III  
 189 4-space Sciences-IV  
 190 4-space Sciences-V  
 191 4-space technology-I  
 192 4-space technology-II  
 193 4-space technology-III  
 194 4-space technology-IV  
 195 4-space technology-V  
 196 4-space V.M.S & T-I (Content focus)  
 197 4-space V.M.S & T-II (Body focus)  
 198 4-space V.M.S & T-III (carriers focus)  
 199 4-space V.M.S & T-IV (artifices values)  
 200 4-space V.M.S & T-V (geometric format)  
 201 5-space mathematics-I  
 202 5-space mathematics-II  
 203 5-space mathematics-III  
 204 5-space mathematics-IV  
 205 5-space mathematics-V  
 206 5-space Sciences-I  
 207 5-space Sciences-II  
 208 5-space Sciences-III  
 209 5-space Sciences-IV  
 210 5-space Sciences-V  
 211 5-space technology-I  
 212 5-space technology-II  
 213 5-space technology-III  
 214 5-space technology-IV  
 215 5-space technology-V

- 216 5-space V.M.S & T-I (Content focus)  
 217 5-space V.M.S & T-II (Body focus)  
 218 5-space V.M.S & T-III (carriers focus)  
 219 5-space V.M.S & T-IV (artifices values)  
 220 5-space V.M.S & T-V (geometric format)  
 221 6-space mathematics-I  
 222 6-space mathematics-II  
 223 6-space mathematics-III  
 224 6-space mathematics-IV  
 225 6-space mathematics-V  
 226 6-space Sciences-I  
 227 6-space Sciences-II  
 228 6-space Sciences-III  
 229 6-space Sciences-IV  
 230 6-space Sciences-V  
 231 6-space technology-I  
 232 6-space technology-II  
 233 6-space technology-III  
 234 6-space technology-IV  
 235 6-space technology-V  
 236 6-space V.M.S & T-I (Content focus)  
 237 6-space V.M.S & T-II (Body focus)  
 238 6-space V.M.S & T-III (carriers focus)  
 239 6-space V.M.S & T-IV (artifices values)  
 240 6-space V.M.S & T-V (geometric format)

Sri-Om  
 Dwadash Varsh Gyan Yag  
 2006-2018

First Year 2006-07 Creator space (4 space)  
 Second Year 2007-08 transcendental world

**Section-1 Transcendental carriers**  
**From 12-2-2007 to 11-5-2007**  
**(Lessons 1 to 60)**

**Section-2 Srimad Durga Saptasati**  
**From 12-5-2007 to 11-8-2007**  
**(Lesson 61 to 120)**

**\*Section-3 Sri Vidya / Transcendental knowledge From 12-8-2007 to 11-11-2007**  
**(Lessons 121 to 180)**

**\*\*Section-4 Transcendental flow within Triloki From 12-11-2007 to 11-2-2008  
Lessons 181 to 240**

**Section-1 Transcendental carriers**

INTRODUCTORY

1. Ancient Discipline
2. Pairing and transcendence operations
3. Earth to Sun Range
4. Study zone of Srimad Bhagwat Geeta
5. Six eternal circuits base of human body

SKY LINE

6. Sky line
7. New axis
8. Capital (letters) & Small letters
9. Single and double digits formats
10. Organisations formats of double digit numbers

RENEWING FEATURE

11. Renewing feature of heaven sky line
12. Renewing bed
13. Through mind hole along time pole
14. Central stream
15. Trimonad central stream

TRANSCENDENTAL CARRIERS

16. Mirrors Carriers
17. Carriage bag-2
18. Elements
19. Dream state and deep sleep state of consciousness
20. Glimpsis phenomenon of light cube.

RISE AND FALL

21. Ascendence path of transcendental carriers
22. Rise and fall
23. Matter creator
24. Intelligence creation
25. Matter chase

SAMA ASCENDENCE

26. Format seal

27. Ascendence path
28. Tree to sky
29. Zeros to nines
30. Sun tree to earth tree

#### FOLLOW FULL LIFE

31. Real end is of half life
32. Full life range
33. Chase cipher to zero along artifices 59 to 64
34. life discipline technology
35. Learn to reverse a mirror

#### SUN LOGIC BAG

36. First hyper origin
37. Be full
38. Think cosmic
39. Formulations chase dictionary
40. Self goverance feature of self

#### COSMIC CUBE CAVE TECHNOLOGY

41. Cube cave
42. Cave in cube
43. Dig out strip by strip
44. Sliced middle
45. I am the first letter

#### BINDU SAROVAR (POINT RESERVOIR)

46. Starting point Bindu Sarovar
47.  $0+0*0$ ;  $2+2=2*2$
48. Rik, Yaju, Sama, Atherv
49. Dimensional order of 0-space
50. Transcendental carriers being of the dimensional order of domain

#### SIMULTANEOUSLY AVILING ARTIFICES 2 & 3

51. Artifice 2 & 3
52. Letters Ri, and Lri
53.  $\{(2, 3), (3,2)\}=\{2 (3, 3), 2\}$
54. Origins coordinated along sky line
55. sky line nucleus

#### SEALED BODY LOGIC



- 56. Sealed body logic
- 57. Kapil muni
- 58. '1' as 4
- 59. Second step of consolidating black truth intelligence
- 60. Third consolidation step of black truth intelligence

## **Section-2 Srimad Durga Saptasati Lessons 61 to 120**

### **BEGINNING AFRESH**

- 61. Beginning afresh at the middle
- 62. Starting again at the centre
- 63. Initiating at the origin
- 64. Reaching middle of the origin
- 65. Attaining centre of the origin

### **PENANCE**

- 66. Tap (Penance)
- 67. Srimad Durga Sapt Shati
- 68. Organization format features-1
- 69. Organization format features -2
- 70. Organization format features -3

### **(1, 2, 4, 5)**

- 71. Organization format features -4
- 72. Organization format features -5
- 73. Organization format features -6
- 74. Organization format features -7
- 75. Organization format features -8

### **SELF PURSUIT PHASE AND STAGE**

- 76. Self pursuit phase and stage
- 77. Blissful state of being carried by transcendental carriers
- 78. Modern mind and ancient wisdom
- 79. One thousand transcendental formulations
- 80. One thousand self referral formulations

### **TRANSCENDENTAL VALUES (1000 TRANSCENDENTAL FEATURES OF LORD SHIV)**

81. Transcendental names 1-50
82. Transcendental names 51-100
83. Transcendental names 101-150
84. Transcendental names 151-200
85. Transcendental names 201-250
86. Transcendental names 251-300
87. Transcendental names 301-350
88. Transcendental names 351-400
89. Transcendental names 401-450
90. Transcendental names 451-500
91. Transcendental names 501-550
92. Transcendental names 551-600
93. Transcendental names 601-650
94. Transcendental names 661-700
95. Transcendental names 701-750
96. Transcendental names 751-800
97. Transcendental names 801-850
98. Transcendental names 851-900
99. Transcendental names 901-950
100. Transcendental names 951-1000

SELF REFERRAL VALUES  
(1000 THOUSAND FEATURES OF  
LORD VISHNU)

101. Self referral names 1-50
102. Self referral names 51-100
103. Self referral names 101-150
104. Self referral names 151-200
105. Self referral names 201-250
106. Self referral names 251-300
107. Self referral names 301-350
108. Self referral names 351-400
109. Self referral names 401-450
110. Self referral names 451-500
111. Self referral names 501-550
112. Self referral names 551-600
113. Self referral names 601-650
114. Self referral names 661-700
115. Self referral names 701-750
116. Self referral names 751-800
117. Self referral names 801-850
118. Self referral names 851-900
119. Self referral names 901-950
120. Self referral names 951-1000

**Section-3 Sri Vidya / Transcendental knowledge Lessons 121 to 180**

121. श्री विधा Sri Vidya / Transcendental knowledge
122. पुरूष विधा Pursha Vidya/ Life field format
123. गायत्री मंत्र Gaytri mantra  
Transcendental path
124. ऋचो अक्षरे परमे व्योमन Richo Akshre  
Parme Vyoman
125. यतीनां ब्रह्म भवति सारथि Yatinam  
Brahma Bhavati Sarathih
126. प्रणव सर्व वदेषु Paranava Sarv- Vadeshu
127. अपौरुषीय अपुरुषीय Transcending  
Human Frame
128. अव्यक्तो अवक्तात Avyaktao Avyaktat
129. प्रब्रह्म Par-Braham
130. प्रथम गणः Pratham Gana
131. पृथ्वी सूर्य Earth-Sun
132. सूर्य पृथ्वी Sun Earth
133. (3,4, 5, 6) Cube, Hyper cubes 4, 5, 6
134. त्रिलोकी त्रिमूर्ति Triloki trimurti
135. सकल निष्कल Sakal Nishkal
136. अव्युत्पति व्युत्पति Avuutpati Vuutpati
137. श्री ओम ॐ
138. श्री
139. ॐ
140. प्रणवः
141. Swastik frame
142. Bindu sarovar
143. Ardh matra
144. Tripundam
145. Swastik pada
146. Pushpika
147. Sama
148. Nad
149. Jyoti
150. Sole syllable
151. Om
152. Parnava
153. Aum
154. Omkar
155. Udgith
156. Vshtkar
157. Saptbhumi

- 158. Asht prakrati
- 159. Nav Braham
- 160. Par Braham
- 161. Teaching 5-space VMS & T
- 162. Along artifice 5
- 163. Along hyper cube 5
- 164. As solid order
- 165. As 5-space
- 166. 5-space as domain
- 167. 5-space as origin
- 168. 5-space as dimension
- 169. 5-space as transcendental worlds
- 170. As first aditya
- 171. As second aditya
- 172. As third adityah
- 173. As fourth aditya
- 174. As fifth aditya
- 175. As sixth aditya
- 176. As seventh aditya
- 177. As eighth aditya
- 178. As ninth aditya
- 179. As tenth aditya
- 180. As eleventh aditya

**Section-4 Transcendental flow wihtin Triloki  
Lessons 181 to 240**

- 181. Transcendental values
- 182. Transcendental seat of origin of  
creators space
- 183. Transcendental values flow within  
creators space
- 184. Solid order super imposed upon spatial  
order
- 185. Transcendence phenomenon
- 186. Dimension of dimension
- 187. Manifestation format for dimension of  
dimension
- 188. Transcendental base of above  
manifestation format
- 189. Self referral format of above  
transcendental base
- 190. Dimension of dimension of dimension
- 191. Triloki
- 192. Solid order

193. Transcendental values flow into Triloki  
 194. Unity state  
 195. Brahman range  
 196. Par Braham  
 197. Creative boundary of transcendental worlds  
 198. Transcendental boundary of self referral domain  
 199. Unity state envelops  
 200. Asht Prakrati  
 201. Asht Prakrati envelops  
 202. Brahman domain  
 203. Par Braham within brahman domain  
 204. Boundary of boundary of creators space  
 205. Boundary of boundary of transcendental worlds  
 206. Boundary of boundary of self referral domain  
 207. Boundary of boundary of sapt rishi lok  
 208. Boundary of boundary of Asht Prakrati  
 209. Boundary of boundary of Brahman domain  
 210. Simultaneous external and interal progressions  
 211. Compactification of origins  
 212. Sequential range of manifested bodies  
 213. Sathapatya measuring rod  
 214. Transcendence range format  
 215. Ascendence range format  
 216. Transcendence and ascendence within creators space  
 217. Measuring rod of creators space  
 218. Measuring rod of transcendental worlds  
 219. Measuring rod of self referral domain  
 220. Unity state measuring rod  
 221. Inner folds of transcendental worlds  
 222. Transcending mind chase  
 Being phase to phase with  
 transcendental base  
 223. of existence phenomenon  
 224. of five basic elements  
 225. of sathul sharir  
 226. of suksham sharir  
 227. of karan sharir

- 228. of Turia state
- 229. of God state
- 230. of Unity state
- 231. of Asht Prakrati
- 232. of sensory domain
- 233. of Intelligence field
- 234. of consciousness domain
- 235. of Pursha format
- 236. of first geometry of 2-space
- 237. of second geometry of 2-space
- 238. of third geometry of 2-space
- 239. of fourth geometry of 2-space
- 240. of fifth geometry of 2-space

**Sri-Om  
Dwadash Varsh Gyan Yag  
2006-2018**

**Third Year 2008-09**

Phase – 1  
Gyatri mantra

- 1 Gyatri mantra
- 2 Gyatri Mantra recitation
- 3 Primordial Sounds
- 4 Prime primordial sound
- 5 Om (ॐ) as first syllable of Gaytri virtues
- 6 Transition from Nad format to Jyoti format
- 7 Lord Brahma
- 8 4 space
- 9 Hyper cube 4
- 10 (2, 3, 4, 5)
- 11 (1, 2, 3, 4, 5)
- 12 Sole syllable Braham
- 13 Bindu Sarovar
- 14 Ardh Matra
- 15 Tripundum
- 16 Swastik Pada
- 17 उद्गीथ
- 18 उ
- 19 उद्
- 20 गी
- 21 थ

- 22 ॐ भूः
- 23 ॐ
- 24 ॐ to भू
- 25 भू to भू
- 26 भू to भूः
- 27 Lord Shiv
- 28 5 space
- 29 Hyper cube 5
- 30 Transcendental carriers
- 31 Inner folds of transcendental worlds
- 32 Transcendental worlds within creator space (4 space)
- 33 तस्य वाचका प्रणवः Thy synonym is parnava
- 34 ॐ भूः scaling of sky within space
- 35 प्रणवः भवः attainment formats
- 36 भूः भवः वषट्कार
- 37 Lord Vishnu
- 38 6 space
- 39 Hyper cube 6
- 40 वषट्कार
- 41 Self referral state
- 42 ॐ भूः भवः स्वः / Rig Ved, Yajur Ved and Sam Ved
- 43 ॐ भूः भवः yajur Ved
- 44 ॐ भूः भवः Sam Ved
- 45 ॐ भूः Akshras
- 46 ॐ Varnas (letters)
- 47 Self referral State (1, 2, 3,4, 5, 6)
- 48 Self renewing values of Golok
- 49 Self referral state within creator space (4 space)
- 50 उ तस्य वाचका ओम्
- 51 म् ॐ भूः भवः scaling of Golok within sky
- 52 ओम् स्वः
- 53 भूः भवः स्वः Sapt Bhumi
- 54 Unity state
- 55 7 space
- 56 hyper cube 7
- 57 Pole star
- 58 Dharuv mantra
- 59 ॐ भूः भवः स्वः Rig Ved
- 60 ॐ भूः भवः स्वः Sam Ved
- 61 ॐ भूः भवः स्वः yajur Ved
- 62 ॐ भूः भवः स्वः Atharav Ved
- 63 ॐ भूः भवः स्वः self referral values
- 64 ॐ भूः भवः स्वः

## Section-2 तत् सवितुर्वरेण्यम्

- 65 Gyatri mantra text
- 66 First syllable chase
- 67 Letter 'त्'
- 68 Letter 'अ'
- 69 Formulation 'तत्'
- 70 Organization format of first syllable
- 71 Second syllable (स)
- 72 Third syllable (वि)
- 73 Fourth syllable (तु)
- 74 Fifth, sixth and seventh syllable
- 75 Fifth syllable (व)
- 76 Sixth syllable (रे)
- 77 Seventh syllable (ण्यं)
- 78 Blissful exercise
- 79 Second Pada of Gyatri mantra text  
(भर्गो देवस्य धीमही ।)
- 80 Eighth syllable (भः)
- 81 Ninth syllable (गो)
- 82 Complete second pada
- 83 Final pada of the Gyatri mantra text
- 84 Unity state attainment
- 85 Triloki to Trimurti
- 86 Trimurti to Brahman privilege
- 87 Braham Vidya
- 88 (6, 7, 8, 9, 10)
- 89 (7, 8, 9, 10)
- 90 Jyoti flow path
- 91 Creative dimensional order
- 92 Anahat Nad to Braham Jyoti
- 93 Bindu Sarovar fulfilled with Triloki structures
- 94 Bindu Sarovar fulfilled with creative structures
- 95 Bindu Sarovar fulfilled with transcendental structures
- 96 Bindu Sarovar fulfilled with self referral structures
- 97 Eleventh Rudra Avtar (incarnation)
- 98 Asht Prakrati and Nav Braham
- 99 Unity state boundary of Asht Prakrati
- 100 (9, 8, 7, 6) orientation for (6, 7, 8, 9)



101 Riding transcendental carriers

### Phase-2

### Sequential steps of Gyatri mantra sadhana path

- 102 Gyatri mantra path of transcendental carriers
- 103 Step -1 Approach '2 as 1'
- 104 DAY'S SADHANA
- 105 Second day sadhana attainment features
- 106 Shift from 'त' to 'स'
- 107 Transition and transformation for spatial order into solid order
- 108 'तत सत इति निदेशा' Tat Sat Iti Nirdesha
- 109 Solid order source origin
- 110 Jump from linear order to solid order
- 111 Reflection pairs
- 112 Transition from syllable 'स' to syllable 'वि'
- 113 Structural processing ahead
- 114 'सवितु'
- 115 'वरेण्य'
- 116 'व'
- 117 'व + अ'
- 118 'रे'
- 119 'ण्य'
- 120 To chase first pada in one go
- 121 Transition from first pada to the second pada
- 122 (1, 2, 3, 4, 5)
- 123 Manifestations surface on solid base
- 124 Transition from hyper cube 4 to hyper cube 5 within creator space (4 space)
- 125 Second pada of Gyatri mantra text
- 126 Transcendental domains
- 127 Third pada of the Gyatri mantra text
- 128 One as Three
- 129 Braham Lok
- 130 Braham Vidya
- 131 '4 to 9'
- 132 Brahma as Ten Brahmas
- 133 Shift from '4 to 9' to '5 to 9'
- 134 '9=4+5'
- 135 '6 to 9'
- 136 Sequential steps '4 to 9', '5 to 9', '6 to 9'
- 137 '3 to 9'

- 138 '2 to 9'
- 139 '1 to 9'
- 140 Triloki Chase within creator space (4 space)
- 141 Creator space (4 space) within creator space (4 space)
- 142 Revisit the first pada of Gyatri mantra text
- 143 Transition from creator space (4 space) to transcendental worlds
- 144 Transcendental format of second pada text
- 145 Sapt Bhumi, Asht Sidhi and Nav Nidhi
- 146 Third pada of Gyatri mantra
- 147 Existence along Pursha format
- 148 Coordination through Shad Chakras of human frame
- 149 Take off at / from Braham Randra
- 150 Let us go to the shelter of Goddess Gyatri
- 151 Self referral order / source
- 152 Chiseling of third eye
- 153 Space fulfilled with Air
- 154 Solid Space fulfilled with water
- 155 Water Space fulfilled with fire and fire space fulfilled with Air
- 156 Kaal (काल) Dharam (धर्म) and Vidhata (विधाता)
- 157 One shall again and again go to the shelter of Goddess Gayatri
- 158 Four fold Blissful exercises for the sadkhas
- 159 Beginning afresh starting with sole syllable Om 'ॐ'
- 160 Remaining 81 steps
- 161 Bindu Sarovar to Ardh Matra
- 162 Ardh Matra To Tripundum
- 163 Tripundum to Swastik pada
- 164 First letter (भ्र) of first Vahoviriti (भूः)
- 165 Second letter (ऊ) of first Vahoviriti (भूः)
- 166 Third letter (ः) of first Vahoviriti (भूः)
- 167 First letter (भ्र) of Second Vahoviriti (भवः)
- 168 Second letter (अ) of Second Vahoviriti (भवः)
- 169 Third letter (व्) of Second Vahoviriti (भवः)
- 170 Fourth letter (अ) of Second Vahoviriti (भवः)
- 171 Fifth letter (ः) of Second Vahoviriti (भवः)
- 172 First letter (स्व) of Third Vahoviriti (स्वः)
- 173 Second letter (व्) of Third Vahoviriti (स्वः)
- 174 Third letter (अ) of Third Vahoviriti (स्वः)
- 175 Fourth letter (ः) of Third Vahoviriti (स्वः)
- 176 First progression Step 'त्'
- First Pada first formulation first progression step
- 177 Second progression step 'अ'
- First Pada first formulation second progression step
- 178 Third progression step 'त्'
- First Pada first formulation third progression step
- 179 Fourth progression step 'स्'

- First Pada Second formulation First progression step
- 180 Fifth progression step 'अ'
- First Pada Second formulation Second progression step
- 181 Sixth progression step 'व्'
- First Pada Second formulation Third progression step
- 182 Seventh progression step 'इ'
- First Pada Second formulation fourth progression step
- 183 Eighth progression step 'र्'
- First Pada Second formulation Fifth progression step
- 184 Ninth progression step 'उ'
- First Pada Second formulation Sixth progression step
- 185 Tenth progression step 'ः'
- First Pada Second formulation Seventh progression step
- 186 Eleventh progression step 'व्'
- First Pada Third formulation First progression Step
- 187 Twelfth progression step 'अ'
- First Pada Third formulation Second progression Step
- 188 Thirtieth progression step 'र्'
- First Pada Third formulation Third progression Step
- 189 Fourteenth progression step 'ँ'
- First Pada Third formulation Fourth progression Step
- 190 Fifteenth progression step 'ण'
- First Pada Third formulation Fifth progression Step
- 191 Sixteenth progression step 'य्'
- First Pada Third formulation Sixth progression Step
- 192 Seventeenth progression step 'अ'
- First Pada Third formulation Seventh progression Step
- 193 Eighteenth progression step 'म्'
- First Pada Third formulation Eighth progression Step
- 194 Nineteenth progression step 'भ्'
- Second Pada First Formulation First progression step
- 195 Twentieth progression step 'अ'
- Second Pada First Formulation Second progression step
- 196 Twenty first progression step 'य्'
- Second Pada First Formulation Third progression step
- 197 Twenty second progression step 'ँ'
- Second Pada First Formulation Fourth progression step
- 198 Twenty third progression step 'ओ'
- Second Pada First Formulation Fifth progression step
- 199 Twenty fourth progression step 'द्'
- Second Pada Second formulation first progression step
- 200 Twenty fifth progression step 'ए'
- Second Pada Second formulation second progression step
- 201 Twenty sixth progression step 'व्'

- Second Pada Second formulation third progression step  
 202 Twenty seventh progression step 'अ'  
 Second Pada Second formulation fourth progression step  
 203 Twenty eighth progression step 'स्'  
 Second Pada Second formulation fifth progression step  
 204 Twenty ninth progression step 'य्'  
 Second Pada Second formulation sixth progression step  
 205 Thirtieth progression step 'अ'  
 Second Pada Second formulation seventh progression step  
 206 Thirty first progression step 'य्'  
 Second Pada Third formulation first progression step  
 207 Thirty second progression step 'इ'  
 Second Pada Third formulation second progression step  
 208 Thirty third progression step 'म्'  
 Second Pada Third formulation third progression step  
 209 Thirty four progression step 'अ'  
 Second Pada Third formulation fourth progression step  
 210 Thirty five progression step 'ह्'  
 Second Pada Third formulation fifth progression step  
 211 Thirty six progression step 'इ'  
 Second Pada Third formulation sixth progression step  
 212 Thirty seventh progression step 'य्'  
 Third Pada First formulation first progression step  
 213 Thirty eighth progression step 'इ'  
 Third Pada First formulation second progression step  
 214 Thirty ninth progression step 'य्'  
 Third Pada First formulation third progression step  
 215 Fortieth progression step 'ओ'  
 Third Pada First formulation fourth progression step  
 216 Forty first progression step 'य्'  
 Third Pada Second formulation first progression step  
 217 Forty second progression step 'ओ'  
 Third Pada Second formulation second progression step  
 218 Forty third progression step 'म्'  
 Third Pada Third formulation first progression step  
 219 Forty four progression step 'अ'  
 Third Pada Third formulation second progression step  
 220 Forty five progression step 'ः'  
 Third Pada Third formulation third progression step  
 221 Forty six progression step 'प्'  
 Third Pada Fourth formulation first progression step  
 222 Forty seven progression step 'ः'  
 Third Pada Fourth formulation second progression step  
 223 Forty eighth progression step 'अ'

- Third Pada Fourth formulation third progression step  
 224 Forty ninth progression step 'च्'  
 Third Pada Fourth formulation fourth progression step  
 225 Fiftieth progression step 'ओ'  
 Third Pada Fourth formulation fifth progression step  
 226 Fifty one progression step 'द्'  
 Third Pada Fourth formulation sixth progression step  
 227 Fifty second progression step 'अ'  
 Third Pada Fourth formulation seventh progression step  
 228 Fifty third progression step 'य्'  
 Third Pada Fourth formulation eighth progression step  
 229 Fifty four progression step 'आ'  
 Third Pada Fourth formulation ninth progression step  
 230 Fifty five progression step 'त्'  
 Third Pada Fourth formulation tenth progression step  
 231 First Brahma  
 232 Second Brahma  
 233 Third Brahma  
 234 Fourth Brahma  
 235 Fifth Brahma  
 236 Sixth Brahma  
 237 Seventh Brahma  
 238 Eighth Brahma  
 239 Ninth Brahma  
 240 Tenth Brahma

Sri-Om  
 Dwadash Varsh Gyan Yag  
 2006-2018

Fourth Year  
 2009-10

Devnagri Alphabet (देवनागरी वर्णमाला)

- Section-1 Transcendental base 12-2-2009-11-5-2009  
 Section-2 Consonants 12-5-2009-11-8-2009  
 Section-3 Transcendental process 12-8-2009-11-11-2009  
 Section-4 Devnagri alphabet 12-11-2009 – 11-2-2010

Section-1 Transcendental base 12-2-2009-11-5-2009

Week-1 Om Source reservoir

1. Om Source reservoir-1
2. Om Source reservoir-2
3. Om Source reservoir-3
4. Om Source reservoir-4

## 5. Om Source reservoir-5

## Week-2 First vowel

6. First Vowel
7. '1'
8. 1 space
9. Interval
10. linear order

## Week-3 Second vowel

11. Second Vowel
12. '2'
13. 2 space
14. Square
15. Spatial order

## Week-4 Third vowel

16. Third Vowel
17. '3'
18. 3 space
19. Cube
20. Solid order

## Week-5 Fourth vowel

21. Fourth Vowel
22. '4'
23. 4 space
24. Hyper cube 4
25. Creative order

## Week-6 Fifth vowel

26. Fifth Vowel
27. '5'
28. 5 space
29. Hyper cube 5
30. Transcendental order

## Week-7 Sixth vowel

31. Sixth Vowel
32. '6'
33. 6 space
34. Hyper cube 6
35. Self referral order

## Week-8 Seventh vowel

36. Seventh Vowel
37. '7'
38. 7 space
39. Unity State
40. Unity order

#### Week-9 Eighth vowel

41. Eighth Vowel
42. '8'
43. Asht Prkrati
44. Jad Prakrati
45. Chetan Prakrati

#### Week-10 Ninth Vowel

46. Ninth Vowel
47. '9'
48. Nav Braham
49. Braham
50. Par Braham

#### Week-11 Yama letters-1

51. Yama letters
52. First yama letter
53. Second yama letter
54. Third yama letter
55. Fourth yama letter

#### Week-12 Yama letters-2

56. Transition from first four yama letters
57. Fifth yama letter
58. Sixth yama letter
59. Seventh yama letter
60. Eighth yama letter

### Section-2 Consonants

#### Part-1 Organization format features

#### Week-13 Alphabet format

61. Devnagri alphabet format
62. Vowels, yamas and consonants
63. Varga consonants, antstha and usmana
64. Antsthas
65. Ushmana

## Week-14 Varga consonants

66. 5 x 5 format
67. Five rows and five columns
68. Five varga rows.
69. Hyper cube 4 format
70. Hyper cube 5 format

## Week-15 Transition from hyper cube 4 format to hyper cube 5 format

71. Hyper cube 4 as manifestation layer  
(2, 3, 4, 5)
72. Hyper cube 5 as manifestation layer  
(3, 4, 5, 6)
73. Creator space (4 space) fulfilled with  
transcendental values
74. Transition from linear order to spatial  
order
75. Transition from spatial order to solid  
order

## Week-16 Ka (क) varga consonants

76. Ka-(क)
77. Kha-(ख)
78. Ga-(ग)
79. Gha (घ)
80. Nga (ङ)

## Week-17 Ca (च)varga consonants

81. Ca (च)
82. Cha (छ)
83. Ja (ज)
84. Jha (झ)
85. Nja (ञ)

## Week-18 Tta (ट) varga consonants

86. Tta (ट)
87. Ttha (ठ)
88. Dda (ड)
89. Ddha (ढ)
90. Nna (ण)

## Week-19 Ta (त) varga consonants

91. Ta (त)
92. Tha (थ)
93. Da (द)



94. Dha (ध)  
95. Na (न)

Week-20 Pa (प) varga consonants

96. Pa (प)  
97. Pha (फ)  
98. Ba (ब)  
99. Bha (भ)  
100. Ma (म)

Week-21 Antstha letters

101. Transition from vowels to varga  
consonants  
102. Ya (य)  
103. Ra (र)  
104. La (ल)  
105. Va (व)

Week-22 Ushmana letters

106. Transition from varga consonants  
to yama letters  
107. Sha (श)  
108. Sa (स)  
109. Shha (ष)  
110. Ha (ह)

Weeks 23 & 24 (lessons 111 to 120)

Transcendental order and domains

### Section-3

Transcendence process

12-8-2009-11-11-2009

Week-25 First Aditya  
Lesson 121 to Lesson 125  
Transcendence process

Week-26 Second Aditya

126. Transition from first Aditya format to  
second aditya format  
127. Transformations during transition  
128. Halt of creation format role  
129. Transitions presumes the existence of  
reference state  
130. Transcendental carriers

## Week-27 Third Aditya : Brain to mind

131. Brain To Mind
132. Mind field within Brain domain
133. Sky lines, Zones, Spheres and Domains due to mind field
134. Fourth Aditya: Transition from sound formats to light formats
135. Continuous transition phenomenon

## Week-28 Fourth Aditya

136. Phase and stage of integration of first three phases and stages
137. Integration of three components as fourth component
138. (1, 3, 5)
139. Solid dimensions frame
140. Attainment of transitions from geometric formats to sound formats

## Week-29 Fifth Aditya

141. Transcendental domain in full bloom
142. Dimension to Dimension order within each transcendental dimension
143. Transition from mind to transcendental mind.
144. Transcending mind and self referral mind
145. Parallel transitions from the alphabet formats

## Week-30 Devnagri alphabet source

146. Transcendental source
147. Transition from fifth Aditya to Sixth Aditya
148. Sixth Aditya
149. Coordinated split of boundary of transcendental domain
150. Transition from hyper cube 4 versions format to hyper cube 5 versions format

## Week-31 Seventh Aditya

151. Seventh Aditya unifies
152. (7, 5)

153. Further reorganization feature of transcendental boundary
154. Brahman privilege
155. Par Braham privilege
156. pa-varga second letter-1
157. pa-varga second letter-2
- DEVNAGRI ALPHABET 7
158. pa-varga second letter-3
159. pa-varga second letter-4
160. pa-varga second letter-5
161. pa-varga third letter-1
162. pa-varga third letter-2
163. pa-varga third letter-3
164. pa-varga third letter-4
165. pa-varga third letter-5
166. pa-varga fourth letter-1
167. pa-varga fourth letter-2
168. pa-varga fourth letter-3
169. pa-varga fourth letter-4
170. pa-varga fourth letter-5
171. pa-varga fifth letter-1
172. pa-varga fifth letter-2
173. pa-varga fifth letter-3
174. pa-varga fifth letter-4
175. pa-varga fifth letter-5
176. first anstha-1
177. first anstha-2
178. first anstha-3
179. first anstha-4
180. first anstha-5

#### Section-4

##### Devnagri alphabet

12-11-2009 – 11-2-2010

- 181 Devnagri alphabet
- 182 Grid zone for each letter
- 183 Reflection operation
- 184 Different components of script forms
- 185 Compositions of varga consonants with first vowel
- 186 Compositions of varga consonants with second vowel
- 187 Compositions of varga consonants with third vowel

188	Compositions fourth vowel	of	varga	consonants	with	
189	Compositions fifth vowel	of	varga	consonants	with	
190	Compositions sixth vowel	of	varga	consonants	with	
191	Compositions seventh vowel	of	varga	consonants	with	
192	Compositions eighth vowel	of	varga	consonants	with	
193	Compositions ninth vowel	of	varga	consonants	with	
194	Compositions with vowels		of	antstha		consonants
195	Compositions with vowels		of	ushmana		consonants
196	Composition letters	of	first	vowel	with	yama
197	Composition yama letters	of	second	vowel	with	yama
198	Composition letters	of	third	vowel	with	yama
199	Composition yama letters	of	fourth	vowel	with	yama
200	Composition letters	of	fifth	vowel	with	yama
201	Composition letters	of	sixth	vowel	with	yama
202	Composition yama letters	of	seventh	vowel	with	yama
203	Composition yama letters	of	eighth	vowel	with	yama
204	Composition letters	of	ninth	vowel	with	yama
205	Transition sound waves	from	geometric	formats	to	
206	Shiksha /discipline of pronunciation					
207	Transition format	from	sound	format	to	light
208	Chandas / discipline of meters					
209	Organization format of Samhitas					
210	Expanding Devnagri alphabet		universe	coverage		of
211	Processing along all directions					
212	Accepting sathapatya measuring rod along each direction					

- 213 Values spectrum of first vowel
- 214 Values spectrum of second vowel
- 215 Values spectrum of third vowel
- 216 Values spectrum of fourth vowel
- 217 Values spectrum of fifth vowel
- 218 Values spectrum of Sixth vowel
- 219 Values spectrum of Eighth vowel
- 220 Values spectrum of ninth vowel
- 221 Enveloping creator space (4 space)
- 222 Revisiting first yama letter
- 223 Revisiting second yama letter
- 224 Revisiting third yama letter
- 225 Revisiting fourth yama letter
- 226 Revisiting fifth yama letter
- 227 Revisiting sixth yama letter
- 228 Revisiting seventh yama letter
- 229 Revisiting eighth yama letter
- 230 Revisiting vowels format
- 231 Revisiting varga consonants format
- 232 Revisiting 1-space
- 233 Revisiting 2-space
- 234 Revisiting 3-space
- 235 Revisiting 4-space
- 236 Revisiting 5-space
- 237 Revisiting 6-space
- 238 Revisiting 7-space
- 239 Revisiting 8-space
- 240 Revisiting 9-space

Sri-Om  
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2006-2018  
Fifth Year 2010-11

Sunlight Basis of Knowledge  
(ज्ञान का सुर्य रश्मियो का आधार)

### **Section-1 Lessons 1 to 60**

1. Early Days
2. On the path of Sadhna
3. Twelve syllables transcendental path
4. Eternal Attainment
5. Pole Star

6. (ओम नमोः भगवते वासुदेवायः) Om Namoh  
Bhagwate Vasudevaeye
7. (ओम्) Om
8. (ॐ नमोः) Om Namoh
9. (ओम् नमोः भगवते) Om Namoh  
Bhagwate
10. (ओम् नमोः भगवते वासुदेवायः) Om  
Namoh Bhagwate Vasudevaeye
11. Transcendental boundary
12. noknl vfnrh;~ Dwadash Adityas
13. 5 space within 4 space
14. 6 space within 5 space
15. 7 space within 6 space
16. Pole star as origin of solar  
universe
17. 7 space as origin of 6 space
18. Manifestation layer (4, 5, 6, 7)
19. Transcendental range (3, 4, 5,6, 7)
20. (Self referral state (2, 3, 4, 5, 6, 7)
21. Shabad Braham
22. Anahat Nat
23. Life Breath
24. Nad
25. Air element
26. Anahat Nad
27. Shiv Lok
28. Jyoti
29. Vishnu lok
30. Sole syllable Om
31. Om
32. Pranava
33. Aum
34. Omkar
35. Udegit
36. Braham Jyoti
37. Divya Jyoti
38. Jyoti
39. Triloki
40. Parkash
41. Pursha format
42. Purshotam
43. Golok
44. Sun rays
45. Living Being
46. Purshotam

- 47 Lord Vishnu
- 48 Self referral state
- 49 Surya Lok
- 50 Manifestation layer (3, 4, 5, 6, 7, 8, 9)
- 51 Golok
- 52 Orb of Sun
- 53 Origin of Sun
- 54 Transcendence range (5, 6, 7, 8, 9)
- 55 Self referral range (4, 5, 6, 7, 8, 9)
- 56 Sun rays
- 57 Manifestation layer (5, 6, 7, 8)
- 58 Values range (40, 48, 56, 64)
- 59 Virtues (40, 48, 56, 64, 72)
- 60 (40, 48, 56, 64, 72, 80)

## **Section-2 Lessons 61 to 120**

- 61 Sun Light Mediation
- 62 Value 40
- 63 Value 48
- 64 Value 56
- 65 Value 64
- 66 Virtue 40
- 67 Virtue 48
- 68 Virtue 56
- 69 Virtue 64
- 70 Virtue 72
- 71 Range steps (45)
- 72 Range steps (50)
- 73 Range steps (55)
- 74 Range steps (60)
- 75 Range steps (65)
- 76 Divya Ganga Flow
- 77 Nine Streams
- 78 Seven streams
- 79 Three streams
- 80 Single stream
- 81 Sun Light Sphere
- 82 Half Sphere
- 83 Rainbow
- 84 Eye balls
- 85 Entity to half
- 86 Cosmic sphere
- 87 Sky within space
- 88 Solid order within spatial order

- 89 5 space within 4 space
- 90 Shiv Lingam
- 91 Sky
- 92 5 space
- 93 sky line through origin of 5 space
- 94 Upper half of 5 space
- 95 Lower half of 5 space
- 96 Orb of Sun
- 97 Eye balls
- 98 Self referral state
- 99 Life death cycles
- 100 Gateway to Brahman domain
- 101 Triloki
- 102 Cube cave
- 103 Pair of three dimensional frames of half dimensions
- 104 1 x 3 x 5
- 105 2 x 4 x 6
- 106 NVR (Being)=37
- 107 Trishapta
- 108 Seven geometries of 3 space
- 109 NVF (seal)=37
- 110 NVF (Living Being)=NVF (Discipline)
- 111 NVF (NATURE)=NVF (BRACKETS)
- 112 Whole number 6 is a perfect number
- 113 Whole number 28 is a perfect number
- 114 (-1) space plays the role of dimension of 1 space
- 115 Hyper circles 8 onwards decrees
- 116 Transcendence phenomenon
- 117 Transcendental carriers
- 118  $2^3$  and  $3^2$
- 119 Creators space
- 120 Transcendental worlds

### Section-3 Lessons 121 to 180

- 121 (37, 73)
- 122 (46, 64)
- 123 (40, 40)
- 124 (35, 35)
- 125 (44, 44)
- 126 Earth
- 127 Water
- 128 Fire
- 129 Air
- 130 Space



- 131 Manifestation layer (5, 6, 7, 8)
- 132 5 space,
- 133 6 space,
- 134 7 space,
- 135 8 space
- 136 5 space to 6 space
- 137 6 space to 7 space
- 138 7 space to 8 space
- 139 8 space to 9 space
- 140 Ahead and ahead
- 141 First solid dimension
- 142 Pair of solid dimensions
- 143 triple solid dimensions
- 144 quadruple solid dimensions
- 145 penta solid dimensions
- 146 Origin as five space seat
- 147 Solid origin of first spatial dimension
- 148 Solid origin of second spatial  
dimension
- 149 Solid origin of third spatial dimension
- 150 Solid origin of fourth spatial dimension
- 151 Senses domain to intelligence domain
- 152 Intelligence domain to consciousness domain
- 153 Conscious domain to unity state
- 154 Unity state to natures domain
- 155 Natures domain to Brahman domain
- 156 Transcendental boundary of 12  
components
- 157 Five transcendental folds of  
transcendental worlds
- 158 Seven transcendental components manifesting as seven transcendental dimensions
- 159 The inner folds transcending through  
the origin of Sun
- 160 Seven transcendental axes constituting dimensional frame of pole star
- 161 Trimurti
- 162 Lord Brahma
- 163 Lord Shiv
- 164 Lord Vishnu
- 165 Unity state (4, 5, 6, 7)
- 166 Creator the supreme
- 167 4 space as dimension
- 168 4 space as boundary
- 169 4 space as domain
- 170 4 space as origin
- 171 5 space as dimension

- 172 5 space as boundary
- 173 5 space as domain
- 174 5 space as origin
- 175 5 space as base of origin
- 176 Sun
- 177 sustaining transcendental worlds
- 178 Creating unity state
- 179 Of the order of nature
- 180 Leading to Brahman domain

#### **Section-4 Lessons 181 to 240**

- 181 Sun Light Basis of Knowledge
- 182 To install Shivlingam in mystic symbol
- 183 Transit from Shad Chakra format to Dash Chakra format
- 184 Transit from Transcendental boundary to Dwadash Adityas
- 185 Chase NVF (LIVING BEING)=NVF (DISCIPLINE)
- 186 Transcendental State of consciousness
- 187 Transcend Creator space to Transcendental worlds
- 188 Transit intelligence domain to consciousness domain
- 189 Transcend from manifestation layers to transcendental ranges
- 190 Transcend 5 x 5 matrix format
- 191 Self referral State of consciousness
- 192 Transcend 5 space to 6 space
- 193 Transit consciousness domain to self referral domain
- 194 Transcend Transcendental range to self referral path Day
- 195 Transcend 6 x 6 matrix format
- 196 Unity State of consciousness
- 197 Transcend self referral path to unity goal
- 198 Transcend self referral state to Unity state
- 199 Transcend 6 space to 7 space
- 200 Transcend 7 x 7 matrix format
- 201 Introductory
- 202 VM & ST Discipline
- 203 Vedic mathematics vision
- 204 Vedic sciences value
- 205 Vedic technology virtue
- 206 Introductory
- 207 VM & ST runs parallel to Existence phenomenon
- 208 Vedic mathematics Vision run parallel to Existence phenomenon
- 209 Vedic technology Values run parallel to Existence phenomenon
- 210 Vedic Sciences Vision run parallel to Existence phenomenon
- 211 Introductory
- 212 VM & ST follows Jeev Atma
- 213 VM Mathematic Vision grasps Jeev Atma

- 214 Vedic Sciences values grasps Jeev Atma
- 215 Vedic Technology grasps Jeev Atma
- 216 Introductory
- 217 VM & ST Brahman domain
- 218 Vedic Mathematics Vision aspires Brahman domain
- 219 Vedic Sciences values aspires Brahman domain
- 220 Vedic Technology aspires Brahman domain
- 221 Living Beings
- 222 Self
- 223 Soul
- 224 Jeev and Braham
- 225 Braham
- 226 Jeev Atma (tho vkRek) / Living Being
- 227 Transmigration of soul
- 228 Birth Rebirth cycles
- 229 Liberation
- 230 Braham State
- 231 Braham
- 232 Brahman
- 233 Brahman
- 234 Brahmman
- 235 Par-Braham
- 236 Par-Braham Beginning to end and all in between
- 237. Beginning to end and beyond
- 238. Unity state of consciousness
- 239. Unity state of knowledge
- 240. Unity state of existence phenomenon

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2006-2018  
Sixth Year 2011-12

Jeev Atma (जीव आत्मा)

### **Section-1 Lessons 1 to 60**

- 1 Existence phenomenon
- 2 Five basic elements
- 3 Sun to Earth range
- 4 Shad charka format
- 5 Transcendental state
- 6 First basic element
- 7 second basic element
- 8 Third basic element

- 9 Fourth basic element
- 10 Fifth basic element
- 11 Sun to earth range
- 12 Pole star to Water range
- 13 Asht Prakrati to Fire range
- 14 Nav Braham to Air range
- 15 Par Braham to space range
- 16 Transcendental carriers-1
- 17 Transcendental carriers-2
- 18 Transcendental carriers-3
- 19 Transcendental carriers-4
- 20 Transcendental carriers-5
- 21 Self referral state-1
- 22 Self referral state-2
- 23 Self referral state-3
- 24 Self referral state-4
- 25 Self referral state-5
- 26 First chakra format to second chakra  
format
- 27 Second chakra format to Third chakra  
format
- 28 Third chakra format to Fourth chakra  
format
- 29 Fourth chakra format to Fifth chakra  
format
- 30 Fifth chakra format to Sixth chakra  
format
- 31 (6 space D) as origin
- 32 Along transcendental carriers of sun light
- 33 With pole star as origin
- 34 Birth re-birth cycle
- 35 Liberation from birth-rebirth cycle
- 36 Cavity of heart
- 37 As a seat of transcendental lord with self referral base
- 38 Pole star as origin of base
- 39 Jad Prakrati
- 40 Chetan Prakrati
- 41 Seventh state of consciousness
- 42 Along seven streams flow
- 43 Jyotirmadhey Triloki manorama
- 44 Unity of existence phenomenon
- 45 Pulse beats to impulses of Bliss
- 46 (0, 1, 2, 3)
- 47 (1, 2, 3, 4)
- 48 (2, 3, 4, 5)

- 49 (3, 4, 5, 6)
- 50 (4, 5, 6, 7)
- 51 (9, 7, 3, 1)
- 52 (13, 11, 5, 3)
- 53 (17, 15, 7, 5)
- 54 (21, 19, 9, 7)
- 55 (25, 23, 11, 9)
- 56 Pole star as origin of solar universe
- 57 7-space as origin of 6-space
- 58 Dharuv mantra
- 59 Dwadash Adityas
- 60 Unity state of existence phenomenon

## Section-2 Lessons 61 to 120

- 61 Jeev
- 62 Human beings
- 63 Human frame
- 64 Water : one seed
- 65 Light : End seed
- 66 Pursha format
- 67 Creative dimension
- 68 Spatial order
- 69 Black Fire
- 70 Earth phase
- 71 Purshotam
- 72 Self referral dimension
- 73 End one seed
- 74 space End
- 75 Artifices
- 76 Being
- 77 Self
- 78 Soul
- 79 Nav Braham
- 80 Par Braham
- 81 Anthakaran
- 82 Manas
- 83 Budhi
- 84 Chit
- 85 ahamkar
- 86 dze
- 87 deZ
- 88 करम
- 89 ऋ=ॠ + इ
- 90 लं =लृ + ॠ + इ

- 91 ऋ=ॠ + इ
- 92 seed formation
- 93 Human frame manifestation
- 94 Shad chakra format
- 95 Dash Chakra format
- 96 ॠ + आ
- 97 ॠ + अ + उ
- 98 ॠ + इ
- 99 ॠ + ॠ + इ
- 100 रश्मि
- 101 Soul
- 102 First quarter
- 103 Second quarter
- 104 Third quarter
- 105 Fourth quarter
- 106 First spatial dimension
- 107 Second spatial dimension
- 108 Third spatial dimension
- 109 Fourth spatial dimension
- 110 Soul as self
- 111 Origin of first spatial dimension
- 112 Origin of second spatial dimension
- 113 Origin of third spatial dimension
- 114 Origin of fourth spatial dimension
- 115 Soul as Jeev
- 116 Braham as atman
- 117 First pada of Braham and first quarter of atman
- 118 Second pada of Braham and first quarter of atman
- 119 Third pada of Braham and first quarter of atman
- 120 Fourth pada of Braham and first quarter of atman

### Section-3 Lessons 121 to 180

- 121 'Living being'
- 122 Transcendental sphere
- 123 Creator Space as first lever of Lock and key of Living Being
- 124 Transcendental space as second lever of Lock and key of Living Being
- 125 Self referral space as third lever of Lock and key of Living Being

- 126 Five Basic elements
- 127 Second Basic element
- 128 Third Basic element
- 129 Fourth Basic element
- 130 Fifth Basic element
- 131 (5, 6, 7, 8)
- 132 Twenty six primes range
- 133 Twenty six structural components of  
cube envelope
- 134 Twenty six elements of Vishnu lok
- 135 Twenty eight elements of Unity state
- 136 Along first dimension
- 137 Along second dimension
- 138 Along third dimension
- 139 Along fourth dimension
- 140 Along fifth dimension
- 141 Transcendental sphere-1
- 142 Transcendental sphere-2
- 143 Transcendental sphere-3
- 144 Transcendental sphere-4
- 145 Transcendental sphere-5
- 146 Within Creators space-1
- 147 Within Creators space-2
- 148 Within Creators space-3
- 149 Within Creators space-4
- 150 Within Creators space-5
- 151 Within Creators space-1
- 152 Within Creators space-2
- 153 Within Creators space-3
- 154 Within Creators space-4
- 155 Within Creators space-5
- 156 Along transcendental boundary-1
- 157 Along transcendental boundary-2
- 158 Along transcendental boundary-3
- 159 Along transcendental boundary-4
- 160 Along transcendental boundary-5
- 161 Trimurti (f=ewfrZ)
- 162 Triloki to Trimurti
- 163 From Trimurti to Triloki
- 164 Trishapata (f='kirk)
- 165 Unity state of existence phenomenon
- 166 Creator the Supreme
- 167 Hyper cubes and hyper spheres
- 168 Half unit as working unit
- 169 Cube as dimension fold (1, 2, 3, 4)

- 170 Sphere as of manifestation format as well as of transcendental format.
- 171 Lord Shiv, Lord of transcendental worlds (5-space / C)
- 172 Transcendental sphere at the seat of origin
- 173 Transformation role of Lord Shiv
- 174 Going the transcendental way
- 175 Twelve syllables mantra
- 176 Existence phenomenon-1
- 177 Existence phenomenon-2
- 178 Existence phenomenon-3
- 179 Existence phenomenon-4
- 180 Existence phenomenon-5

#### **Section-4 Lessons 181 to 240**

- 181 Shad Chakra format to dash chakra format
- 182 Meditate the Brahma way
- 183 Take off from Brahma Randra
- 184 Creative boundary of transcendental worlds
- 185 Pulse to impulse
- 186  $6=0+1+2+3$  to  $10 = 1 +2+3+4$
- 187 Spatial boundary to creative boundary
- 188 Spatial domain to solid domain
- 189 six half dimensions to ten directions
- 190 Sun fulfills ten mandals
- 191 First perfect number (6) to second perfect number (28)
- 192 (3, 5)
- 193 (27, 28)
- 194 Moon as Nakshtra
- 195 Step beyond half
- 196 Sushukti state to Turia state
- 197 Casual body to source values format
- 198 Transcendental worlds to self referral state
- 199 Transcendental carriers to self sustaining virtues
- 200 Pursha to Purshotam
- 201 Triloki and Trimurti
- 202 Vishwa to Brahma
- 203 Brahma to Shiv



- 204 Shiv to Vishnu  
 205 Vishnu to Durga  
 206 Trimurti and unity state  
 207 Vishwa and unity state  
 208 Brahma and unity state  
 209 Shiv and unity state  
 210 Vishnu and unity state  
 211 Unity state and Asht Prakrati  
 212 Pole star and Jad Prakrati  
 213 Jad Prakrati and Chetan prakrati  
 214 Anthkaran  
 215 Self riding the transcendental carriers  
 of Sun rays  
 216 Braham and Par braham  
 217 Along Braham as Brahma  
 218 Along Braham as Brahman  
 219 Along Braham as Brahaman  
 220 Along Brahaman scriptures  
 221 Neti Neti  
 222 Nad (sound) to Anahat Nad (eternal  
 sound format)  
 223 Jyoti (light) to Braham Jyoti  
 224 Ativahkas (transcendental carriers) to Brahmi sitithi (Brahman states)  
 225 Self sustaining virtues  
 226 Along artifice 9  
 227 Along artifice 10  
 228 Along artifice 11  
 229 Along artifice 12  
 230 Along artifice 13  
 231 Along Transition path from  $\frac{1}{2}$  to  $1\frac{1}{2}$   
 232 Along Transition path from  $1\frac{1}{2}$  to  $2\frac{1}{2}$   
 233 Along Transition path from  $2\frac{1}{2}$  to  $3\frac{1}{2}$   
 234 Along Transition path from  $3\frac{1}{2}$  to  $4\frac{1}{2}$   
 235 Along Transition path from  $4\frac{1}{2}$  to  $5\frac{1}{2}$   
 236 Along values path of BEING  
 237 Along virtues way of SELF  
 238 Along vision road of soul  
 239 Brahman expression as Par Braham  
 240 As self sustaining Parbraham

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