Sri – Om
VEDIC MATHEMATICS AWARENESS YEAR
E-Newsletter Issue no 282 dated 17-08-2015
For previous issues and further more information visit at www.vedicganita.org

Organizers: Dr. S. K. Kapoor, Sh. Rakesh Bhatia, Sh. Bhim Sein Khanna, Sh. Deepak Girdhar

VMS & T Awareness course
(Duration: 1-8-2015 to 30-09-2015)

Consolidated Ind
9

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 वृतमः 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
89
90

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

8.3 VMS & T Foundation

70 Sunlight
71 Earth to Sun range
72 Source reservoir origin

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 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