

**Sri – Om**  
**VEDIC MATHEMATICS AWARENESS YEAR**

E-Newsletter Issue no 57 dated 15-12-2014

For previous issues and further more information visit at [www.vedicganita.org](http://www.vedicganita.org)

*'Credit goes to Swami Bharti Krshna Tirtha Ji Maharaj to focus the attention of present generation about the values of Ganita Sutras (mental Mathematics Sutras)'*

*All are invited to join Awareness program*

*All are warmly invited to join the awareness program of Vedic Mathematics. All teachers, parents and students are invited to Learn and Teach Vedic Mathematics for proper intelligence growth at School.*

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

**ISSUE NO 57**

Page

Settlement of Alphabet	1-3
News News and Views	4-5
Invitation for participation in Vedic Mathematics textbooks project	

*Vedic mathematics, Science & Technology  
Text Book of Class 11*

*Introductory*

1. Vedic mathematics, Science & Technology is an Ancient Discipline of knowledge focusing upon applied values of Vedic Systems approach to Existence Phenomenon within our solar universe.
2. Present stage of class 11 instructions of Vedic mathematics, Science & Technology focuses upon 'transcendental (5-space)' domain.
3. The transcendental (5-space) domain is being approached on the formats of Sankhiya Nishtha and Yoga Nishtha which are complementary and supplementary of each other and also run parallel to each other.
4. Sankhiya Nishtha presumes the existence of geometric formats within dimensional frames and avails values of numbers in terms of artifices of numbers.
5. On the other hand Yoga Nishtha presumes the existence of values of numbers within artifices of numbers and avails geometric formats within dimensional frames.
6. Present text book, as such is being organized in two parts, of eight chapter each.

7. One part of the text book (chapters 1 to 8) introduces different geometric features of transcendental (5-space) domain. The second part (chapters 9 to 16) avails Ganita Sutras and Upsutras to reach at different features and values of transcendental (5-space) domains.

8. First part: Chapters 1 to 8 are covering the following aspects:

Chapter-01	Number 5 And 5-Space
Chapter-02	<u>Number 5 and Five fold format</u>
Chapter-03	<u>Reach at the transcendental (5-space) base</u>
Chapter-04	<u>अव्यक्तो अव्यक्तात् सनातन Avakato Avaktat Sanatana (Eternity format)</u>
Chapter -05	Ten place value format and five place value format
Chapter-06	Emergence of Sky within space
Chapter-07	Manifestation of Hyper cube 5 along hyper cube 4 format
Chapter-08	Along Transcendence Range format of Hyper cube 5 Artifices Range (3, 4, 5, 6, 7)

9. The second part: Chapters 9 to 16 avails geometric features of transcendental (5-space) domain to acquire insight about the organization format, features and values of Ganita Sutras (and Upsutras) and also parallel avails Ganita Sutras (and Upsutras) organization format features and values to have further insight about the transcendental (5-space) domain.

10. The artifice value 16 parallel to range of 16 Ganita Sutras permits organization for transcendental (5-space) domain as well as for range of Ganita Sutras as  $16 = 5 + 6 + 5$ . Parallel to it in respect of range of 13 Upsutras their emerges re-organization format as  $13 = 4 + 5 + 4$ .

11. The organization format  $16 = 5 + 6 + 5$  is parallel to the approach for transcendental (5-space) domain with 6-space set up (origin) of 5-space permitting two fold approach for 5-space domain from its middle. Likewise the organization format  $13 = 4 + 5 + 4$  permits approach to the transcendental (5-space) domain as origin fold of 4-space (creative domain) with transcendental (5-space) origin.

12. The text of Ganita Sutras is of 16 Sutras range, of which five Sutras namely Sutras no 3, 7, 8, 9 and 11 are of spatial features set ups.

Sn	Sutra no	Sutra text	First feature	Second feature
1	3	ऊर्ध्वतिर्यग्भ्याम् । <i>Urdhva tiryagbhyam</i>	ऊर्ध्व <i>Urdhva</i>	तिर्यग <i>tiryag</i>
2	7	संकलव्यवकलनाभ्याम् । <i>Sankalana-vyavakalanbhyam</i>	संकलन <i>Sankalan</i>	व्यवकलन <i>vyavakalan</i>
3	8	पूरणापूरणाभ्याम् । <i>Puranapuranaabhyam</i>	पूरण <i>Puran</i>	अपूरण <i>Apuran</i>
4	9	चलनकलनाभ्याम् । <i>Calana-kalanabhyam</i>	चलनः <i>Calana</i>	चलनः <i>kalana</i>
5	11	व्यष्टिसमिष्टिः । <i>Vyastisamastih</i>	व्यष्टिः <i>Vyasti</i>	समिष्टिः <i>Samastih</i>

13. The focus of first five chapters of the second part namely chapters no 9 to 13 is upon above five Sutras formats, features and values. The remaining three chapters 14, 15 and 16 shall be focusing upon firstly as to the transcendental (5-space) domain helping reach the organization format of Ganita Sutras and also the way Ganita Sutras help settle the hyper cube 5 format is going to be aspects of chapter – 14. Secondly the concept and format of Divya Ganga flow aspects would be taken up as Chapter 15. Finally the conceptual reach of ‘Braham’, Vaivrat Braham and Brahmand would be touched as chapter 16 of the Textbook.
14. With it the broad contents classification of the Vedic mathematics, Science & Technology text book of Class XI, emerges to be as under:-

Text Book for Class XI  
Vedic mathematics, Science & Technology  
Contents

<b>Part – 1</b>	<b>Transcendental (5-space) domain</b>
Chapter-01	Number 5 And 5-Space
Chapter-02	<u>Number 5 and Five fold format</u>
Chapter-03	<u>Reach at the transcendental (5-space) base</u>
Chapter-04	<u>अव्यक्तो अव्यक्तात् सनातन Avakato Avaktat Sanatana (Eternity format)</u>
Chapter -05	Ten place value format and five place value format
Chapter-06	Emergence of Sky within space
Chapter-07	Manifestation of Hyper cube 5 along hyper cube 4 format
Chapter-08	Along Transcendence Range format of Hyper cube 5 Artifices Range (3, 4, 5, 6, 7)
<b>Part – 2</b>	<b>Ganita Sutras and Transcendental (5-space) domain</b>
Chapter-09	Along the format of Ganita Sutra 3 ऊर्ध्वतिर्यग्भ्याम् । <i>Urdhva tiryagbhyam</i>
Chapter-10	Along the format of Ganita Sutra 7 संकलव्यवकलनाभ्याम् । <i>Sankalana-vyavakalanabhyam</i>
Chapter-11	Along the format of Ganita Sutra 8 पूरणापूरणाभ्याम् । <i>Puranapuranaabhyam</i>
Chapter-12	Along the format of Ganita Sutra 9 चलनकलनाभ्याम् । <i>Calana-kalanabhyam</i>
Chapter-13	Along the format of Ganita Sutra 11 व्यष्टिसमिष्टिः । <i>Vyastisamastih</i>
Chapter-14	Ganita Sutras and Transcendental (5-space) domain
Chapter-15	Divya Ganga Flow concept and format
Chapter-16	Braham (ब्रह्म), Vaivrat Braham (वैवरत्तब्रह्म) and Brahmand (ब्राह्मण) TCV values triple (28, 58, 42) *

**Note:-** In the coming issues outline of chapters 9 to 16 would be drawn.



## News and Views

### Invitation for participation in Vedic Mathematics textbooks project

#### *INVITATION*

1. We are undertaking the project of settling Vedic Mathematics text books for schools.
2. This project is for settlement of text books of Vedic Mathematics for classes eight to twelfth.
3. Text book for each class would be of three parts  
Part – 1 ‘Vedic Mathematics for class VIII  
(likewise for class 9, class 10, class 11 and class 12)  
Part – 2 ‘Vedic Mathematics exercises for class VIII’  
(likewise for class 9, class 10, class 11 and class 12)  
Part – 3 ‘Teaching and evaluation manual of Vedic Mathematics for class VIII’  
(likewise for class 9, class 10, class 11 and class 12)
4. Each sutra and Upsutra would be taken up in separate section exclusively devoted to particular Sutra / Upsutra.
5. This way in all, there would be 29 sections for coverage of all the sixteen Sutras and 13 Upsutras.
6. Participants may contribute for all the 29 sections but each Sutra and Upsutra shall be taken up as independent aspect of values of mathematics as every Sutra values are to be covered in distinct section.
7. The intellectual contribution of participants shall be duly recognized and same shall be properly respected.
8. In the light of this theme, we shall be making separate requests for each sutra and upsutra.

#### Request of participation about the values of Ganita Sutra 3

ऊर्ध्वतिर्यग्भ्याम् ।

Vertically and crosswise

1. We feel privileged to request all to participate in our project of Vedic Mathematics text books for classes eight to twelfth.
2. We request you all to participate and contribute your intellectual inputs about the values of Ganita Sutra 3.

3. Also contribute about the values of Ganita Sutra 3 as being complemented and supplemented by the values of other Sutras and Upsutras.
4. We shall be highly thankful for this participation and contribution.
5. We shall be duly recognizing this participation and contribution of intellectual inputs about the values of Ganita Sutra 3.
6. We shall be highly being our respects and thanks in recognition of the intellectual inputs of participants.
7. It is a noble cause.
8. Please participate.

**15-11-2014**

Sh. Rakesh Bhatia  
Sh. Bhim Sein Khanna  
Sh. Deepak Girdhar  
- Organizers