

**Phase 5**  
**GEETA SATHAPATYA**  
**Geeta Text Geometric formats**

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**Phase 5.1**  
**Geeta Sathapatya**

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**Phase 5**  
**GEETA SATHAPATYA**  
Geeta Text Geometric formats

**Phase 5.1**  
**Geeta Sathapatya**

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**Ved Ratan**

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**Abstract**

Geeta Text of 700 shalokas organized as 18 chapters is part of bigger scripture: *Ur-Mahabhartam*, *Bhisham Parvah*, chapters 25 to 42. *Upnishads*, *Braham Sutra* and Geeta are *Vedantatri*. Geeta is essence of Vedic knowledge systems. Geeta Sathapatya (Geometric formats of Geeta text) are of Sathapatya measuring rod, a synthetic set up of hyper cubes 1 to 6, the representative regular bodies of 1 to 6 space in spatial order creator 4-space. Each of 18 chapters of Geeta is a Discipline of Yoga. The text of Geeta is in Devnagri. Devnagri alphabet is a compactified five fold alphabet of (i) Letters (ii) Numbers (iii) Space (s) content (iv-v) Spaces bodies of full unit and of half unit of four folds in 4-space. Yoga values of each chapter are organized as (i) *Ath* (ii) *Uvacha* (iii) *Shalokas* and (iv) *Pushpika*. *Sankhiya* of Disciplines of 18 *Yogas* are sequentially organized parallel with Vedic Ganita Sutras. Geeta is a Divine dialogue about the Existence phenomenon, within and without frames, of our solar universe, including the existence phenomenon within human frame. For to be parallel with Vedic knowledge system one shall be parallel with Sathapatya (geometric formats) of Geeta text.

**1. Vedic Scriptures**

Vedas are four : *Rigved*, *Yajurved*, *Samved* and *Atharaved*. Parallel with *Vedas* are *upvedas* of the order of *Vedas*. *Ayurved* is *upved* of *Rigved*, *Dhanurved*, *Ghandaraved* and *Sathapatyaved* are *upvedas* of *Yajurved*, *samved* and *atharaved*. *Vedas* are of 1131 branches, 21 of *Rigved*, 101 of *Yajurved*, 1000 of *Samved* and 9 of *Atharaved*. Each of these 1131 vedas are of *Samhita*, *Brahmana*, *Arnik* and *Upnishad*. This makes 4524 Vedic scriptures. Though only one to two dozens of Vedic scriptures have reached us, in complete formats, but the source scripture, *Rigved samhita*, from its first syllable to its last 432000<sup>th</sup> syllable, has reached us and as the traditions claims are all values of Vedic knowledge system

lively in this scripture and whole range of Vedic knowledge can be revived to its original glory by initiating ourselves with Geeta Sathapatya.

## 2. Geeta: Divine dialogue

With fall of Bhishma on the tenth day of Mahabhartar war, Sanjay came back from battle field to Hastinapur. King Dhritrashtra urged to know as to how his and his brother Pandus sons conducted and performed in the battle. This makes the shaloka 1 of Geeta and remaining 699 shalokas are narration in response to it and same is all about the delusion of mental state of Arjuna (Arjunavishadyoga) and at a movement before the first arrow was to be shot. The entire narration upto moksha sanas yoga of chapter 18 resulting into revival of mental state of Arjuna is a divine dialogue of Arjuna and Sri Bhagwan (Lord Krishna).

## 3. Organization Data of Geeta text

TABLE-1

TABLE OF PADAS AND SYLLABLES OF  
TEXT OF SRI MAD BHAGWAD GEETA

Ch	Ath Padas	Ath Syllables	Uvachas Padas	Uvachas Syllables	Shalokas Padas	Shalokas Syllables	Pushpikas Padas	Pushpikas Syllables
1	3	7	12	37	558	1504	13	48
2	3	7	14	45	917	2403	13	45
3	3	7	8	26	542	1376	13	45
4	3	7	6	20	511	1344	13	50
5	3	7	4	13	352	928	13	48
6	3	6	10	33	573	1504	13	47
7	3	7	2	7	406	960	13	48
8	3	6	4	13	377	945	13	47
9	3	7	2	7	446	1112	13	51
10	3	7	6	20	556	1344	13	46
11	3	7	22	17	851	2193	13	50
12	3	7	4	13	244	640	13	39
13	3	8	2	7	408	1028	13	52
14	3	8	6	20	322	864	13	51
15	3	8	2	7	288	701	13	46
16	3	7	2	7	287	768	13	52
17	3	8	4	13	348	896	13	51
18	3	7	8	25	989	2496	13	48

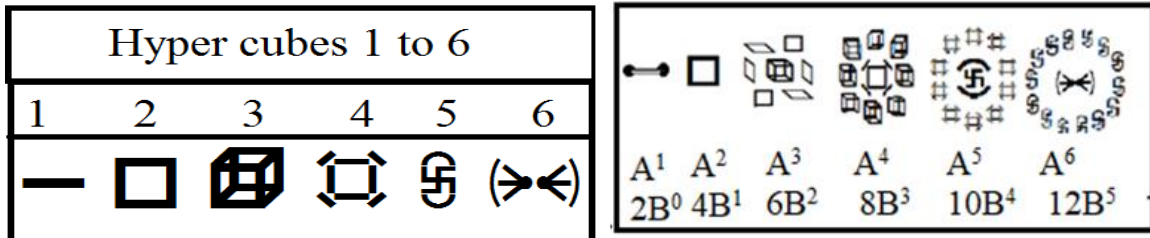
**TABLE-2**

TOTAL PADAS AND SYLLABLES OF  
THE TEXT OF SRI MAD BHAGWAD GEETA

Chapter	Padas	Syllables
1	3+12+558+13 = 586	7+37+1504+48 = 1596
2	3+14+917+13 = 987	7+45+2403+45 = 2500
3	3+8+542+13 = 566	7+26+1376+45 = 1454
4	3+6+511+13 = 533	7+20+1344+50 = 1421
5	3+4+352+13 = 372	7+13+928+48 = 996
6	3+10+573+13 = 599	6+33+1504+47 = 1590
7	3+2+406+13 = 424	7+7+960+48 = 1022
8	3+4+377+13 = 397	6+13+945+47 = 1011
9	3+2+446+13 = 464	7+7+1112+51 = 1177
10	3+6+556+13 = 578	7+20+1344+46 = 1417
11	3+22+851+13 = 889	7+17+2193+50 = 2320
12	3+4+244+13 = 264	7+13+640+39 = 705
13	3+2+408+13 = 426	8+7+1028+52 = 1095
14	3+6+322+13 = 344	8+20+864+51 = 943
15	3+2+288+13 = 306	8+7+701+46 = 762
16	3+2+287+13 = 305	7+7+768+52 = 834
17	3+4+348+13 = 368	8+13+896+51 = 968
18	3+8+989+13 = 1013	7+25+2496+48 = 2576

#### 4. Sathapatya Measuring Rod & Rope












Sathapatya measuring rod is a synthetic set up of Hyper cubes 1 to 6, the representative regular bodies of full unit in 4-3 space. Sathapatya measuring rope is a synthetic set up of hyper cube 1 to 6 of half unit, the representative regular bodies of 1 to 6 space in 4-space.



#### 5. Geeta Sathapatya

Sathapatya of Geeta text of 700 shalokas along Sathapatya measuring rod organized as first half as of chapter 1 to 9 and second half of chapters 10 to 18 with transcendental space (Param Vihom परम वियोम, TCV (परम वियोम) = 44 = 22 + 22

= H6 + H6) joint of opposite orientations, getting super imposed, and making Sathapatya formats study zone of text of Geeta, of features as under :-

Geeta Study Zone										
$\frac{a}{2}$	$\frac{a^2}{4a}$	$\frac{a^3}{6a^2}$	$\frac{a^4}{8a^3}$	$\frac{a^5}{10a^4}$	$\frac{a^6}{12a^5}$	$\frac{a^5}{10a^4}$	$\frac{a^2}{8a}$	$\frac{a^3}{6a^2}$	$\frac{a^4}{4a^2}$	—
										
$2 \times 1$ =2	$4 \times 2$ =8	$6 \times 3$ =18	$8 \times 4$ =32	$10 \times 5 = 50$ $50 \times 7 = 350$	$12 \times 5 = 60$ $60 \times 7 = 420$	$10 \times 5 = 50$ $50 \times 7 = 350$	$8 \times 4$ =32	$6 \times 3$ =18	$4 \times 2$ =8	$2 \times 1$ =2
				$350 + 22, 350 - 22$						
Orbitals:				$350 + 350 = 700$						
2	6	10	14	$18 = 5 + 6 + 7$						

## 6. Sathapatya format of Uvachas (59)

Sathapatya measuring rod (स्थापत्य माप दण्ड) formulation is of TCV value :

$$\text{TCV (स्थापत्य)} = 22$$

$$\text{TCV (माप)} = 17$$

$$\text{TCV (दण्ड)} = 20$$

$$\text{Total} = 59$$

## 7. Shaloka 1 text composition data

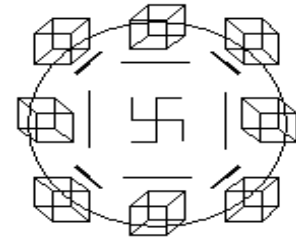
धृतराष्ट्र उवाच

धर्मक्षेत्रे कुरुक्षेत्रे समवेता युयुत्सवः । मामकाः पाण्डवायश्चैव किमकुर्वत सज्जय । 9 ।

SN	Word	Syllables	Letters	TCV
1	धर्मक्षेत्रे	4	11	44
	कुरुक्षेत्रे	4	10	37
	समवेता	4	8	33
	युयुत्सवः	4	10	37
	मामकाः	3	7	37
	पाण्डवायश्चैव	5	12	49
	किमकुर्वत	5	11	32
	सज्जय	3	7	17
Total	8	32	76	286

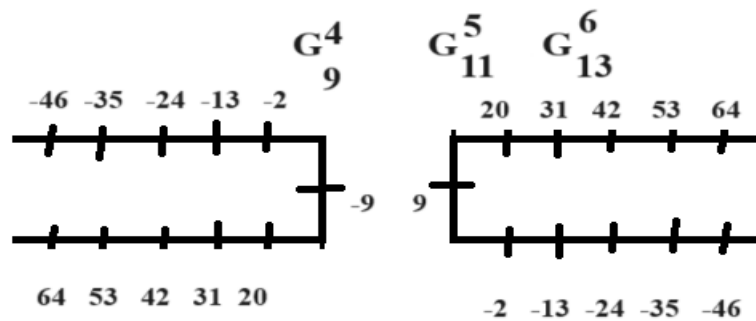
In addition to these four folds (word, syllables, letters, tcv), there are six other folds, which for the present are not being tabulated.

The above four folds as of total values (8, 32, 76, 286), sequentially lead us parallel to 8 solid boundary components of hyper cube 4, 32 coordinates of them in 4-space, 4 x 19 coordinates for southern hemisphere (half 5 space body in 4 space body) and TCV 286 as a Sankhya of a pair of perfect numbers 28 and 6 of format of 10 place value system of Sathpatya of boundary of 10 hyper cube 4 of transcendental domain (5-space). These features and values, well indicate that when these will be chased, as formats, in reference to the remaining 699 shalokas of Geeta text, the same shall be structural keys for unfolding further.



Number value 286 is the origin fold value of hyper cube 285 of boundary value 284 and dimension value 283 (parallel with total 283 letters of text of 16 Ganita Sutras). Here it also will be relevant to take note that Pushpika of each chapter is of 13 padas and all 18 puspikas make 13 x 18 = 234 padas and same is parallel with dimension 234 of domain 236 (parallel with total 236 letters of the text of 13 Ganita Uputras).

Further, it also will be relevant to take note that value 286 = 2 x 143 and value 143 = 11 x 13 and values 11 and 13 being parallel with 11 geometries of 5-space and 13 geometries of 6 space, of super imposition format, in both orientations.



### 8. Gap values of Shalokas of chapters of Geeta

Geeta text of chapters 1 to 18 are of shalokas :

(47, 72, 43, 42, 29, 47, 30, 28, 34, 42, 55, 20, 34, 27, 20 , 24, 28, 38)

The gap values are (25, 29, 1, 18, 17, 2, 6, 8, 13, 35, 14, 7, 7, 4, 4, 50 and 31 = 78 – 47) of total summation value 284 which is 1 more than 283, total letters 283 of text of Ganita Sutras in their linear format and when same will be formatted along cyclic format of circumference, the same will add for the joint value.

## 9. Parallel table of Geeta chapters 1 to 18 and Ganita Sutras 1 to 16

### Interrelationship table of Geeta chapters Yogas and Ganita Sutras

Sh = Shalokas Lt = Letters

Geeta chapter with Yoga name and its TCV value	Sh	Ganita Sutra with TCV value	Lt
1 अर्जुनविषादयोग (TCV 55) ArjunVishad Yoga	47	10 यावदूनम् (TCV 41) Yavadunam	9
2 सौख्ययोग (TCV 32) Sankhya Yoga	42	11 व्यष्टिसमष्टिः (TCV 58) Vyastisamastih	14
3 कर्मयोग (TCV 26) Karam Yoga	43	1 एकाधिकेन पूर्वेण (TCV 75) Ekadhikena Purvena (also a orollary)	16
4 ज्ञानकर्मसंन्यासयोग (TCV 75) Gyankaramsanyas Yoga	42	13 सोपान्त्यद्वयमन्त्यम् (TCV 80) Sopantadvayamantnyam	20
5 कर्मसंन्यासयोग (TCV 54) Karamsanyas Yoga	29	2 निखिलं नवतश्चरमं दशतः (TCV 107) Nikhilam Navatascaramam	28
6 आत्मसंयमयोग (TCV 53) Atamsayam Yoga	47	15 गुणितसमुच्चयः (TCV 56) Gunitasamuccayah	16
7 ज्ञानविज्ञानयोग (TCV 63) GyanVighyan Yoga	30	3 ऊर्ध्वतिर्यग्भ्याम् (TCV 56) Urdhva-tiryagbhyam	15
8 अक्षरब्रह्मयोग(TCV 53) Aksharbraham Yoga	28	<b>Vedic mathematics Base values</b>	---
9 राजविद्याराजगुह्ययोग (TCV 67) Rajvidyaraajguhya Yoga	34	4 परावर्त्य योजयेत् (TCV 52) Paravartya Yojayet	17
10 विभूतियोग (TCV 41) Vibhuti Yoga	42	<b>Spiritual base values</b>	---
11 विश्वरूपदर्शनयोग (TCV 67) VishwarupaDarshan Yoga	55	5 शून्यं साम्यसमुच्चये (TCV 71) Sunyam Samyasamuccaye	20
12 भक्तियोग (TCV 28) Bhakti Yoga	20	12 शेषाण्यङ्केन चरमेण (TCV 75) Sesanyankena Caramena	20
13 क्षेत्रक्षेत्रज्ञविभागयोग (TCV 84) KshetraKshetragyavibhag Yoga	34	6 (आनुरूप्ये) शून्यमन्यत् (TCV 76) (Anurupye) Sunyamanyat	19
14 गुणत्रयविभागयोग (TCV 57) Guntriyavibhag Yoga	27	14 एकन्युनेन पूर्वेण (TCV 84) Ekanyunena Purvena	17
15 पुरुषोत्तमयोग(TCV 61) Purshotamm Yoga	20	7 संकलनव्यवकलनाभ्याम् (TCV 85) Sankalana-vyavakalanabhyam	24
16 देवासुरसंपद्विभागयोग (TCV 90) Devasur Sampadibhag Yoga	24	16 गुणकसमुच्चयः (TCV 55) Gunakasamuccayah	16
17 श्रद्धात्रयविभागयोग (TCV 62) Shardatriya Vibhag Yoga	28	8 पूरणापूरणाभ्याम् (TCV 68) Puranapuranaabhyam	16
18 मोक्षसंन्यासयोग (TCV 64) Moksha Sanyas Yoga	78	9 चलनकलनाभ्याम् (TCV 56) Calana-kalanabhyam	16

## 10. Consolidated organization format of Ganita Sutras and Upsutras

S N	Placement of Sutra / Upsutra	S N	Placement of Sutra / Upsutra
1	Sutra-1	16	Sutra-9
2	Upsutra-1	17	Upsutra-8
3	Sutra-2	18	Sutra-10
4	Upsutra-2	19	Upsutra-9
5	Sutra-3	20	Sutra-11
6	Upsutra-3	21	Upsutra-10
7	Sutra-4	22	Sutra-12
8	Upsutra-4	23	Upsutra-11
9	Sutra-5	24	Sutra-13
10	Upsutra-5	25	Upsutra-12
11	Sutra-6	26	Sutra-14
12	Upsutra-6	27	Upsutra-13
13	Sutra-7	28	Sutra-15
14	Upsutra-7	29	Sutra-16
15	Sutra-8		

## 11. Organization data tables of Ganita Sutras and Upsutras

S N	Sutra	Words	Syllables	Letters	TCV	VCV
1	एकाधिकेन पूर्वेण ।	2	5+3 =8	9+7=16	75	23
2	निखिलं नवतश्चरमं दशतः	3	3+6+3 =12	7+14+7=28	107	52
3	ऊर्ध्वतिर्यग्भ्याम्	1	5	15	58	36
4	परावर्त्यं योजयेत् ।	2	4+3 = 7	10+7=17	52	32
5	शून्यं साम्यसमुच्चये	2	2+6 = 8	6+14=20	71	42
6	(आनुरूप्ये) शून्यमन्यत् ।	2	4+4 = 8	8+11=19	76	22
7	संकलनव्यवकलनाभ्याम् ।	1	10	24	91	33
8	पूरणापूरणाभ्याम् ।	1	6	16	68	26
9	चलनकलनाभ्याम् ।	1	7	16	59	23
10	यावदूनम् ।	1	4	9	41	18
11	व्यष्टिसमष्टिः ।	1	5	14	58	32
12	शेषाण्यङ्केन चरमेण ।	2	4+4=8	12+8=20	79	43
13	सोपान्त्यद्वयमन्त्यम् ।	1	7	20	80	44
14	एकन्यूनेन पूर्वेण ।	2	5+3 = 8	10+ 7= 17	84	14
15	गुणितसमुच्चयः	1	7	16	56	38
16	गुणकसमुच्चयः ।	1	7	16	55	33
Total 16		24	117	283	1110	511



## Composition Organization Data of Ganita Upsutras

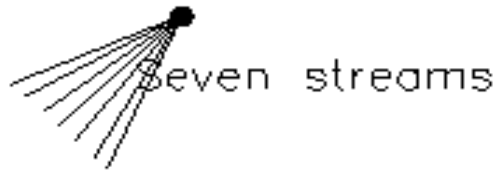
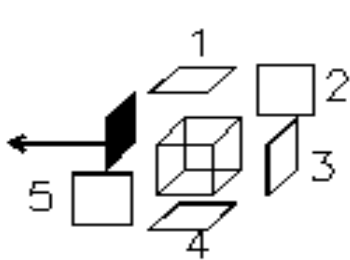
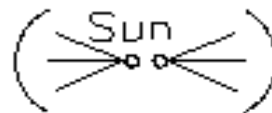
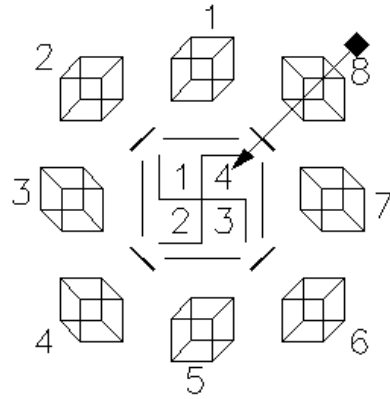
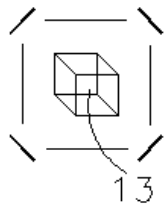
S N	Upsutra	Words	Syllables	Letters	TCV	VCV
1	आनुरूप्येण ।	1	5	10	42	9
2	शिष्यते शेषसंज्ञः ।	2	3+4=7	7+11= 18	74	44
3	आद्यमाद्येनान्त्यमन्त्येन	1	9	23	96	40
4	केवलैः सप्तकं गुण्यात् ।	3	3+3+2=8	7 + 8 + 6 = 21	92	36
5	वेष्टनम् ।	1	3	08	41	17
6	यावदूनं तावदूनम् ।	2	4+4=8	9 + 9=18	85	35
7	यावदूनं तावदूनीकृत्य वर्गं च योजयेत् ।	5	4+6+2+ 1+3=16	9+13+6+2 +7 =37	144	46
8	अन्त्ययोर्दशकेऽपि ।	1	7	16 (17)	53 (54)	24
9	अन्त्ययोरेव ।	1	5	11	40	13
10	समुच्चयगुणितः ।	1	7	16	56	37
11	लोपनस्थपनाभ्याम् ।	1	7	17	73	28
12	विलोकनम् ।	1	4	09	44	13
13	गुणितसमुच्चयः समुच्चयगुणितः ।	2	7+7=14	16 + 16= 32	112	74
<b>TOTAL</b>		<b>22</b>	<b>100</b>	<b>236</b>	<b>952</b>	<b>416</b>

### 12. Transcendental content flow along artifices of Om.

Just as an illustrative demonstration here only the flow chart outline of chapter 1 features organization is being drawn.

# Pushpika

Chapters	Padas	Aksharas
1	13	48



Format
Chapter - 1
Shaloka - 47

अथ

श्लोक

पुष्पिका

2

3

4

7

4

47

## **Conclusion**

For proper insight of all these features and values one shall compile one's own TCV dictionary and Sathapatya referencer and shall regularly update the same.

The symbols and conceptual words formulations and their values and Sathapatya availed here are parallel with the symbols and word formulations features availed in previous phases 1 to 4 documents.

**February 15, 2024**