

List of VM Consolidated documents of Dr. S. K. Kapoor

List 2 Different aspects of Vedic Mathematics

Article 21

TRANSCENDENTAL FLOW SPHERES

TO MAKE YOUR OWN COMPENDIUM OF FORMATS FEATURES AND VALUES OF VEDIC MATHEMATICS SCIENCE & TECHNOLOGY

1. URGE TO GLIMPSE

1.1 Sadhaka fulfilled with intensity of urge to glimpse and imbibe the formats features and values of Vedic Mathematics Science & Technology, the Discipline which is dormant for some centuries, shall compile once own compendium of this Discipline.

2. वेदिक VEDIC LITERATURE

2.1 The inner evidence the वेदिक (Vedic) literature which has reached us and is available with us makes it as that originally the whole range of knowledge constituted one wholesome (वेद) Ved.

- 2.2 **महा ऋषि वेद** व्यास (Maha Rishi Ved Vyas) re-organized **IT** as four Vedas: ऋग्वेद, यजुर्वेद, सामवेद, अथर्ववेद (Rig Ved, Yajur Ved, Sam Ved and Athrav Ved).
- 2.3 There have been 21 Branches of ऋग्वेद (Rig Ved), 101 of Branches of यजुर्वेद (Yajur Ved), 1000 Branches of सामवेद (Sam Ved) and as per one school, there have been 9 Branches of अथर्ववेद (Athrav Ved), as per other school there have been 15 Branches of अथर्ववेद (Athrav Ved).
- 2.4 Each Vedic Branch as distinct Samhita distinct Brahmana, distinct Aryanak and distinct उपनिषदः (Upnashids).
- 2.5 This makes Vedic knowledge being a range of 4524 (4548) scriptures.
- 2.6 In addition, there are **उपवेद** (upvedas), which are also designated as Vedas.
- 2.7 **आर्यु वेद** (Ayur Ved) is the **उपवेद** (upved) of ऋग्वेद (Rig Ved), **धनु वेद** (Dhanarv Ved) is **उपवेद** (upved) of यजुर्वेद (Yajur Ved), **गन्धर्व वेद** (Ghandarv Ved) is **उपवेद** (upved) of सामवेद (Sam Ved) and **स्थापत्य वेद** Sathapatya Ved is the **उपवेद** (upved) of अथर्ववेद (Athrav Ved).
- 2.8 Values of **स्थापत्य वेद** Sathapatya Ved are base and basis of Vedic Mathematics Science & Technology.
- 2.9 **मानसारा** (Manasara), the scripture of **स्थापत्य वेद** Sathapatya Ved preserves values of **स्थापत्य माप दण्ड** (Sathapatya Mapdand) as basis base of formats features and values of Vedic Mathematics Science & Technology.

3. FORMULATION मानसारा (MANSARA)

- 3.1 Formulation मानसारा (Manasara) has simple rendering:
Essence of measure.
- 3.2 Formulation मानसारा (Manasara) is of TCV value $20+9 = 29$.
- 3.3 TCV value 29 is parallel to TCV 29 of formulation Brahma, over lord of creator's space (real 4-space).
- 3.4 Lord Brahma is presiding deity of measure of स्थापत्य Sathapatya measuring rod.
- 3.5 Lord Vishnu is the presiding deity of स्थापत्य Sathapatya measuring rod.
- 3.6 Formulation Vishnu is of TCV value 25.
- 3.7 One may have a pause here and take note that values range (25, 26, 27, 28, 29) is the transcendence range of end pairs of values (25, 29).
- 3.8 One may further have a pause here and take note that transcendence range (25, 26, 27, 28, 29) leads to summation value $25+26+27+28+29 = 135 = 3^3 \times 5$.
- 3.9 And, end pair of values (25, 29) leads to summation value $25+29 = 54 = 2 \times 3^3$.
- 3.10 One may further have a pause here and take note that 2-space has 5 geometries range and 5 versions of hyper cube 2 being the representative regular bodies of 5 geometries of 2-space.
- 3.11 One shall sit comfortably and to permit the transcending mind to glimpse and imbibe these values and features.

4. FORMULATION VASHUKI NAG

- 4.1 Transcendental flow along the format of **स्थापत्य** Sathapatya measuring rod manifests a lively phenomenon of **वासुकि नाग** 'Vashuki Nag'.
- 4.2 Formulation **वासुकि नाग** 'Vashuki Nag' is of TCV value '18+14' = '32' = 2^5 .
- 4.3 One may have a pause here and take note that values pair (18, 14) is of organization features (3+4+5+6), (2+3+4+5), which is parallel to four folds manifestation layer [(3+4+5+6), (2, 3, 4, 5)] of hyper cube 5 and hyper cube 4 respectively being the representative regular bodies of 5-space and 4-space within 4-space manifesting along the format of idol of lord **ब्रह्मा** (Brahma), over lord of creator's space (Real 4-space).
- 4.4 One shall sit comfortably and to permit the transcending mind to glimpse and imbibe these values and features.

5. VALUE 2^5

- 5.1 Value 2^5 is parallel to 32 frequencies of reach of value 6 of choices from values range (1, 2, 3, 4, 5, 6).
- 5.2 It will be a blissful exercise to reach at this frequency of expression steps as:
(i) $6 = 1+1+1+1+1+1$, **(ii)** $6 = 2+1+1+1+1$, **(iii)** $6 = 1+2+1+1+1$,
(iv) $6 = 1+1+2+1+1$, **(v)** $6 = 1+1+1+2+1$, **(vi)** $6 = 1+1+1+1+2$,

(vii) $6 = 2+2+1+1$, (viii) $6 = 2+1+2+1$, (ix) $6 = 2+1+1+2$,
 (x) $6 = 1+2+2+1$, (xi) $6 = 1+2+1+2$, (xii) $6 = 1+1+2+2$,
 (xiii) $6 = 2+2+2$, (xiv) $6 = 3+1+1+1$, (xv) $6 = 1+3+1+1$,
 (xvi) $6 = 1+1+3+1$, (xvii) $6 = 1+1+1+3$, (xviii) $6 = 3+2+1$,
 (xix) $6 = 3+1+2$, (xx) $6 = 1+3+2$, (xxi) $6 = 1+2+3$,
 (xxii) $6 = 2+1+3$, (xxiii) $6 = 2+3+1$, (xxiv) $6 = 3+3$,
 (xxv) $6 = 4+1+1$, (xxvi) $6 = 1+4+1$, (xxvii) $6 = 1+1+4$,
 (xxviii) $6 = 4+2$,
 (xxix) $6 = 2+4$, (xxx) $6 = 5+1$, (xxxii) $6 = 1+5$, (xxxiii) $6 = 6$

6. VEDIC SYSTEMS

6.1 The inner evidence of available Vedic literature having reach us brings to focus as that organized Vedic universe is of 28 transcendental designations of वेद व्यास (Ved Vyas):

(1) श्वेत, (2) सद्य, (3) भार्गव, (4) अंगिरा, (5) सविता, (6) मृत्यु,
 (7) शतक्रतु, (8) वसिष्ठ, (9) सारस्वत, (10) त्रिपाद्, (11) त्रिव्रत,
 (12) शततेजा, (13) नारायण, (14) तरक्षु, (15) त्रैय्यारूणि, (16)
 देव, (17) देवकृतंजय, (18) ऋतंजय, (19) भरद्वाज, (20) गौतम,
 (21) वाचश्रवा, (22) शुष्मायण, (23) तृणबिन्दु, (24) ऋक्ष, (25)
 शक्ति, (26) पराशर, (27) जातूकर्ण्य, (28) कृष्णद्वैपायन,

- 6.2 And that, **ब्रह्मा सूत्र** (Braham Sutra) is Authored by (कृष्णद्वैपायन).
- 6.3 One shall sit comfortably and to permit the transcending mind to glimpse and imbibe these organization features of organization of Vedic knowledge.
- 6.4 Whole range of Vedic knowledge as being organize by availing Devnagri alphabet which is the beginning as well as the end reach value of organization formats of Vedic knowledge.
- 6.5 This brings to focus the central feature of organization of Vedic knowledge as its virtue of availing self referral process accepting beginning and end reach at the same 'ment'.
- 6.6 With it, the linear format inherently transits and transforms as spatial format, as much as that, line transits and transform as circumference.

7. FORMULATION PAIR (वेद) VED, व्रत्त (VRIT)

- 7.1 TCV वेद (Ved) = 20 = TCV व्रत्त (Vrit).
- 7.2 One shall sit comfortably and to permit the transcending mind to be face to face with the formulation वेद व्यास (Ved Vyas) of simple rendering being, diameter of a circle and to imbibe formats features and values of formulation वेद व्यास (Ved Vyas) with TCV वेद व्यास (Ved Vyas) = $20+14 = 34 = 7+8+9+10$, parallel to four folds manifestation layer (7, 8, 9, 10) of hyper cube 9, the representative regular body of 9-space in 4-space along

the format of idol of lord **ब्रह्मा** (Brahma), over lord of creator's space, real 4-space.

- 7.3 Further as that, TCV **सप्त** (Sapt) = 14 = TCV **व्यास** (Vyas).
- 7.4 Further as that, (9) = (7, 7) is the synthesis equation and this brings us face to face with TCV **मानसारा** (Manasara) = 20+9.
- 7.5 One shall sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of trans and to glimpse and imbibe these values and features.
- 7.6 Further, one shall start compiling ones own compendium of format features and values of Vedic Mathematics Science & Technology by glimpsing and absorbing following features, come into focus.

8. VALUE 1 DEVNAGRI ALPHABET

- 8.1 One may begin with values of Devnagri alphabet format and feature.
- 8.2 For it, one may begin with the script form of the letters as it is present.
- 8.3 Thereafter, one is to reach at the groups of letters like vowels, consonants and Yama; consonants being Varga, Antstha and Ushamana.
- 8.4 These five groups sequential organization be chased as sequential values, like vowels being 1, 2, 3, 4, 5, 6, 7, 8, 9.
- 8.5 Thereafter, these values, as per their inner placements of respective groups, shall be reached at their geometric formats.

9. VALUE 2 NUMBERS VALUES RANGES

- 9.1 First values range is of Mool Ank:
1, 2, 3, 4, 5, 6, 7, 8, 9
- 9.2 Second values range is of numbers 1 to 16 as values of letters of Devnagri alphabet.
- 9.3 Third values range of values parallel to number of Branches of Vedas: {21, 101, 1000, 9(15)}.
- 9.4 One may have a pause here and take note that these values as such are of coordination format of ten place value system.
- 9.5 Further, such organization format coordinates numbers values range (1 to 1000), as per ten place value systems along the creative boundary (4-space boundary) format of ten Components of transcendental domain (5-space domain).

10. VALUE 3 DIMENSIONAL SPACES

- 10.1 Basic dimensional range is of 1-space to 9-space.
- 10.2 Working dimensional spaces range is of 1 to 6 dimensional spaces.
- 10.3 One may have a pause here and take note that these dimensional spaces are being availed in-terms of the formats of their respective representative regular bodies manifesting with creator's space (4-space).

11. VALUE 4 CREATOR'S SPACE (4-SPACE)

- 11.1 4-space presided by lord Brahma, is creator's space.
- 11.2 4-space is a spatial order space.

- 11.3 Idol of lord Brahma himself is the basic manifestation format, manifesting within creator's space itself and parallel to it is the set up of hyper cube 4, the representative regular body itself.
- 11.4 Whole range of manifested creation manifest within 4-space along the format of idol of lord Brahma as manifestation layer of four folds, being designated hyper cubes as representative regular body of respective dimensional spaces.

12. VALUE 5 TRANSCENDENTAL DOMAIN (5-SPACE DOMAIN)

- 12.1 5-space content manifests as transcendental domain as domain fold of hyper cube 5 manifesting along the format of idol of lord Brahma.
- 12.2 Hyper cube 5 is the representative regular body of 5-space.
- 12.3 It is a four folds manifestation layer (3, 4, 5, 6) of summation value 18.
- 12.4 It is a solid order (3-space as dimension) set up enveloped within creative boundary (4-space as boundary) and is of self referral origin (6-space as origin).
- 12.5 Five heads lord Shiv is the over lord of transcendental space (5-space) transcendental domain permits transition and transformation into a five folds set up of dimension fold, boundary fold, domain fold, origin fold and base fold.

- 12.6 One may have a pause here and to permit the transcending mind to glimpse and imbibe the phenomenon of transition and transformation of four folds manifestation layer (3, 4, 5, 6) into transition range (3, 4, 5, 6, 7) of summation value 25.

13. VALUE 6 SELF REFERRAL DOMAIN (6-SPACE DOMAIN)

- 13.1 Self referral domain is domain fold of hyper cube 6, representative regular body of 6-space manifesting with creator's space along format of idol of lord Brahma, as a four folds manifestation layer within (4, 5, 6, 7) of summation value 22 which initially transits and transforms into five folds transcendence range (4, 5, 6, 7, 8) of summation value 30, and thereafter, the same transits and transforms into a self referral range (4, 5, 6, 7, 8, 9) of summation value 39.
- 13.2 One shall sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of trans and to sequentially glimpse and imbibe two folds phenomenon of transition and transformation of four folds manifestation layer (4, 5, 6, 7) firstly as a transcendence range (4, 5, 6, 7, 8) and secondly as a self referral range (4, 5, 6, 7, 8, 9).
- 13.3 It will be blissful to take note that, further transcendence here will lead to unity state range (4, 5, 6, 7, 8, 9, 10) of summation value $49 = 7 \times 7$ parallel to TCV value मरुत्गण (Marutguna).

- 13.4 One may have a pause here and take note that TCV स्मृति (Samriti) = 22, TCV महेश्वर (Maheshwar = 39 and TCV मरुतगण (Marutguna = 49.

14. VALUE 7 (त्रिमुर्ति) TRIMURTI

- 14.1 Lord Brahma, lord Shiv and lord Vishnu are त्रिमुर्ति (Trimurti).
- 14.2 Lord Brahma is over lord of real 4-space.
- 14.3 Idol of lord Brahma is of formats features and values parallel to hyper cube 4, the representative regular body of 4-space within 4-space.
- 14.4 Idol of lord Shiv is of formats features and values parallel to hyper cube 5, the representative regular body of 5-space within 4-space.
- 14.5 Idol of lord Vishnu is of formats features and values parallel to hyper cube 6, the representative regular body of 6-space within 4-space.
- 14.6 It will be a blissful exercise to reach at parallel formats features of idol of lord Brahma in hyper cube 4
- 14.7 Further, one shall reach at parallel formats and features of idol of lord Shiv and hyper cube 5.
- 14.8 Still further, one shall reach at parallel format and features of idol of lord Vishnu and hyper cube 6.

15. VALUE 8 TRANSCENDENTAL CODE VALUES OF FORMULATIONS

- 15.1 To reach at formats features and values of Vedic Mathematics Science & Technology one shall approach Sanskrit formulation availing देवनागरी वर्णमाला (Devnagri alphabet) as formulation of Vedic scripture, one shall first of all reach at their transcendental code values.
- 15.2 For it, one shall compile one's own TCV dictionary.
- 15.3 Each word formulation shall be approached in terms of its TCV values as per its sequential reach parallel to TCV values of letter being sequentially availed for its composition. Illustratively formulation वेद (Ved) is of TCV value 20 with organization $20 = 7+6+6+1$ parallel to quadruple TCV value (7, 6, 6, 1) of its quadruple letters (व्, ए, द्, अ) as per their appearance and placement in making of composition of word formulation वेद (Ved).

16. VALUE 9 VALUE OF PLACEMENT FORMAT OF EACH LETTER

- 16.1 Each letter of देवनागरी वर्णमाला (Devnagri alphabet) has its placement value format.
- 16.2 As such, each letter is to be approached for its formats features and values as per its placement and within देवनागरी वर्णमाला (Devnagri alphabet) format.
- 16.3 One may have a pause here and take note that vowels are leading us to respective dimensional frame of 1 to 9-space.

- 16.4 वर्गाः (Varga) consonants are sequentially leading us to dimensional order, boundary fold, domain folds, base folds, origin fold and base fold.
- 16.5 अन्तस्थ (Antstha letters are leading us to enveloping boundary.
- 16.6 उष्मणः (Ushmana letters are leading us to spatial, solid, self referral and Brahman transcendence phenomenon.
- 16.7 यमः (Yama) letters are leading to eternal placement after transcendence from the manifested creations.

17. VALUE 10 RE-MANIFESTATION PHENOMENON

- 17.1 Sadhakas fulfilled with intensity of urge to be face to face with formats features and values of Vedic systems chase of existence phenomenon shall be face to face with re-manifestation phenomenon within creator's space along format of idol of lord Brahma.
- 17.2 Hyper cube 4 as four folds manifestation layer (2, 3, 4, 5) of summation value 14 leads to re-manifestation as hyper cube 14 of four folds manifestation layer (12, 13, 14, 15) of summation value 54.
- 17.3 Likewise hyper cube 5, a four folds manifestation layer (3, 4, 5, 6) of summation value 18 leads to re-manifestation as hyper cube 18 as a four folds manifestation layer (16, 17, 18, 19) of summation value $16+17+18+19 = 70$.
- 17.4 It will be a blissful exercise to reach at re-manifestation of hyper cube (1, 2, 3, 4, 5, 6) within 4-space as hyper cube 2, hyper cube 6, hyper cube 10, hyper cube 14, hyper cube 18 and hyper cube 22.

18. VALUE 11 SYNTHESIS OF TRANSCENDENCE RANGES

- 18.1 Synthesis of transcendence ranges is another phenomenon being chase by Vedic systems.
- 18.2 Pair of transcendence range of order N synthesize value $11N+20$:

$$[\{(N)+(N+1)+(N+2)+(N+3)+(N+4)\}+(N)+(N)+(N+1)+(N+2)+(N+3)+(N+4)] = 11N+20$$
- 18.3 It will be blissful to tabulate synthesis values range for $N = -6$ to $+4$:
 $(-46, -35, -24, -13, -2, 9, 20, 31, 42, 53, 64)$

19. VALUE 12 FORMULATION RANGES

- 19.1 To acquire proper insight and to attain appropriate enlightenment, one shall tabulate different formulation ranges from Vedic Scriptures and to reach at their respective TCV values ranges and corresponding geometric formats.
- 19.2 One's TCV dictionary shall have a separate section for such formulation ranges.
- 19.3 One may have a pause here and take note that though each word formulation preserves specific format, feature and value but the Vedic systems reach can be glimpsed and imbibe only different words formulations ranges being settled by Vedic scriptures.
- 19.4 It is going to be a very blissful exercise to reach at such formulation ranges.

- 19.5 Needless to add it is going to be a never ending chase.
- 19.6 More one shall be progressing with success in this direction, more blissful urge to continue the same will be unfolding itself.
- 19.7 Each Sadhakas exercise is going to be a success of class in itself, and there cannot be a single option route.
- 19.8 One can begin, in once own way and it may be:
- (ब्रह्म) to (सूर्य) Braham to Surya.
 - Rik (ऋक्), Yaju (यजु) and Sam (साम).
 - Triloki (त्रिलोकी) and (त्रिमूर्ति) Trimurti.
 - (ऋषि) Rishi, (देवता) Devta, (छन्दस्) Chand and (स्वर) Swar.
 - (पृथ्वी) Prithivi, (आप) Aap, (अग्नि) Agni, (वायु) Vayu, (आकाश) Akash.
- 19.9 One shall continue and one shall evaluate once self as per index of volume of such compilation of number of formulation ranges with their TCV values and geometric formats and resultant processing formats features and values.
- 19.10 Let us visit formulation range शूद्र, वैश्य, क्षत्रिय and ब्राह्मण of TCV values range (16, 19, 17, 37) which accepts organization as (16, 16+1, 16+3, 16+21).
- 19.11 Let us revisit values range (16, 16+1x1, 16+1x3, 16+1x3x7).
- 19.12 Further as that, values triple (1, 3, 21) is parallel to 1-space playing the role of dimension of 3-space of 7 geometries

range of total dimensional value 3×7 of three dimensional frames of all seven versions of hyper cube 3.

- 19.13 Further as that, quadruple formulation (जीव, आत्मा, सविता, श्रीभगवान्) leads to quadruple TCV value (16, 17, 19, 37).
- 19.14 Further quadruple formulations (बीज, द्रव्य, वृक्ष, वृक्ष प्रकृति) as well accepts quadruple TCV values (16, 17, 19, 37).
- 19.15 Like that, formulations ranges deserve to be chase for their values and features.

20. VALUE 13 INDIVIDUAL FORMULATION

- 20.1 Individual formulation as well preserves specific values and features. Illustratively formulations (सरल) is a composition of triple syllables (स, र, ल) of TCV values triple (4, 6, 6) which brings us face to face with dimensional synthesis format values and feature: $(4, 4) = (6)$.
- 20.2 Further it also brings us face to face with format feature value of dimensional synthesis $(3,3) = (5)$ as triple syllables are composition of double letters of TCV values $(3+1), 3+1, 5+1$.
- 20.3 One shall sit comfortably and to permit the transcending mind to glimpse and imbibe such format features of individual formulations compositions.
- 20.4 One may have a pause here and take note that different formulations preserves different format features and

infact every individual formulation is preserving distinct feature.

- 20.5 Illustratively formulation (रस) is a composition of a pair of syllables (रस) of TCV values pair (3+1, 3+1), which brings us face to face with the synthetic set up of a three dimensional frame as a set up of a pair of three dimensional frame of half dimensions of opposite orientations accepting values (1/1, 1/1, 1/1) and (2/2, 2/2, 2/2).
- 20.6 One shall sit comfortably and to permit the transcending mind to glimpse and imbibe organization format features of individual formulations.

21. VALUE 14 CHASE STEPS OF SPECIFIC DOMAIN

- 21.1 Shiv Sharatranam stotram preserves 1000 transcendental designations formulations of transcendental domain (5-space domain presided by lord shiv.
- 21.2 Shri Vishnu sharatranam stotram preserves 1000 self referral formulations of self referral domain presided by lord Vishnu.
- 21.3 One shall sit comfortably and to permit the transcending mind to sequentially glimpse and imbibe specific domains formulations.

22. VALUE 15 VALUES PAIR (6, 28)

- 22.1 Values pair (6, 28) is perfect number pairs (6, 28).
- 22.2 Values pair (6, 28) is parallel to Surya Ank (6), Braham Ank (28).

22.3 Range of 28 formulations of designations of Ved Vyas brings us face to face with format features of flow spheres coverage of Brahman domain.

(1) श्वेत, (2) सद्य, (3) भार्गव, (4) अंगिरा, (5) सविता, (6) मृत्यु, (7) शतक्रतु, (8) वसिष्ठ, (9) सारस्वत, (10) त्रिपाद्, (11) त्रिव्रत, (12) शततेजा, (13) नारायण, (14) तरक्षु, (15) त्रैय्यारूणि, (16) देव, (17) देवकृतंजय, (18) ऋतंजय, (19) भरद्वाज, (20) गौतम, (21) वाचश्रवा, (22) शुष्मायण, (23) तृणबिन्दु, (24) ऋक्ष, (25) शक्ति, (26) पराशर, (27) जातूकर्ण्य, (28) कृष्णद्वैपायन,

22.4 One shall glimpse and imbibe the values and features of 28 flow spheres and acquire proper insight and attain appropriate enlightenment about format features values of Vedic Systems.

