

Sri – Om

PDF files of VM notes and write ups of Dr. S. K. Kapoor

File 25

Project vedic mathematics

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PROJECT

VEDIC MATHEMATICS

Dr. S K Kapoor

(Ved Ratan)

1

VALUES:

Vedic Mathematics is an Ancient Discipline formatted as 16 Ganita Sutras and 13 Ganita Upsutras as a complete Text¹. It is of Transcendental Format parallel to natural growth of Intelligence Field within Human Mind. Virtue of values of this Discipline is its steps for initiating Young Minds for its Intelligence Field without causing any scratch upon its INNOCENCE as affine natural state.

2

INITIATION:

Every system deserves to be approached the system way. Likewise, initiation of values of Vedic Mathematics is to be the Vedic Mathematics way which is inherently embedded in Vedic Ganita Sutras and Upsutras format.

Vedic Mathematics teachers follow this formatted methodology of organization format of Ganita Sutras and Upsutras, which makes whole process of learning and teaching simply as of mental chase steps.

3

TEXT:

Vedic Mathematics text of 16 Ganita Sutras and 13 Ganita Upsutras is just, a range of 519 letters, which can be memorized in just a few recitations. And, with its memorizing, everything will get embedded in Mental Domain and values of Vedic Mathematics will become a Mental Mathematical Discipline.

4

LEARNING ON FIRST PRINCIPLES:

Learning on first principles is the focus, for which, initial, informal pre-requisites are only 'Counting' and '5x5' Table, being the affine formats of Sequential Progression and Symmetric Patterns.

Sequential progression and symmetric patterns are the source values of first principles along which Vedic Mathematics unfolds itself to go parallel to the natural growth format of intelligence field within Human mind.

Parents and Vedic Mathematics teachers are under solemn duty to help young minds to remain naturally formatted, during initial informal days of learning and also at initial stages of formal learning.

5

FORMAL SCHOOLING:

Formal schooling stage is the institutionalized chase stage of learning through guided instructions. And, it is here where Vedic Mathematics really excels over all other methodologies.

Vedic systems have successfully organized whole range of knowledge of our entire Existence Phenomenon as a single integrated discipline in terms of basis base values of Mathematics. And, these basis base values of Vedic Mathematics make the central core of mainstream discipline of schooling.

Explorative last one century illustrative demonstrations of Pure and Applied values of Ganita Sutras and Upsutras, help me to conclude that our present day Mathematics Domain, as it is, can be properly covered along the format of Vedic Mathematics values in only half period of present day schooling duration.

6

LAST CENTURY EXPLORATIONS:

Vedic Mathematics is an Ancient Discipline. For some historic reasons, this Discipline remained dormant for last a few centuries.

During last century, Ganita Sutras and Upsutras came under pointed attention of Swami Bharti Krishna Trithaya Ji Maharaj². His explorative demonstrations³ have brought to pointed attention of modern mathematician, the potentialities of Ganita Sutras and Upsutras.

Two documents: (i) Vedic Mathematics Book⁴ and (ii) Diary⁵ of Swami Bharti Krishna Trithaya Ji Maharaj deserve to be referred on the point.

Amongst others, Mr. Kenneth Ronald Williams and his associates⁶, of UK are continuing dedicated exploration about demonstrable applications of Ganita Sutras and Upsutras. Of their different works⁷, the book 'The Crowing

Gem' is the flag point of values of Ganita Sutras and Upsutras standing reach at by this time.

Within India, amongst others, Shri Rakesh Bhatia⁸, Vedic Mathematics teacher and Ph.D Research Scholar, is regularly demonstrating for last two decades, the potentialities of Ganita Sutras in class room demonstrations in different schools.

7

V.M.S & T:

Vedic Mathematics Book of Swami Bharti Krishna Trithaya Ji Maharaj was published by Banaras Hindu University in 1965. However, I had first opportunity to glimpse it in 1967. And, since then till date over these five decades, I am absorbed by the formats features and values of Ganita Sutras and Upsutras as format features and values of Vedic Mathematics Science & Technology.

On the basis of my these five decades interactions with organization format features and values of Ganita Sutras and Upsutras I am convinced that virtues of these values help us to glimpse and imbibe the organization format of Vedas, as well as of its applied values as Vedic Mathematics Science & Technology of Sathapatya format parallel to Jyoti flow within rays of Sun.

And, this format manifestation is parallel to Divya Ganga Parvaha through artifices of components of sole syllable Om.

8

SATHAPATYA FORMAT:

Inner evidence of available Vedic literature brings us face to face with the value as that originally there was one wholesome Ved as whole range of knowledge.

This knowledge was re-organized by Braham Rishi Ved Vyas⁹ as four Vedas: Rig Ved, Yajur Ved, Sam Ved and Athrav Ved as pure values. Parallel to it are applied values vedic scripture, designated as upvedas.

Manasara, scripture of sathapatya upved settles Sathapatya measuring rod as the format of Vedic Mathematics Science & Technology.

9

SATHAPATYA MEASURING ROD:

Sathapatya measuring rod is synthetic set up of hyper cubes 1 to 6, the representative regular bodies of 1 to 6-space.

This format, excellently unifies artifices of numbers and dimensional frames and attains success to chase higher dimensional reality of spatial (2-space), solid (3-space), creative (4-space), transcendental (5-space) and self referral (6-space) orders.

However, modern system is centered around linear order, and because of it, manifests mental blocks, due to which intelligence field goes stagnant.

To melt these mental blocks, naturally, we have to go for Vedic Mathematics systems chase format of higher dimensional Reality.

And, for it, the Policy makers have to take decisions for appropriate acceptance of Vedic Mathematics as a central core of main stream disciplines of schooling instructions.

10

VM PROJECT:

Institution desiring to introduce Vedic Mathematics as discipline of instructions shall under take Vedic Mathematics project for following steps for effective dissemination of values of Vedic Mathematics:

- (i) Desired degree of training of Vedic Mathematics teachers.
- (ii) Settlement of class wise Vedic Mathematics Teachers manual.
- (iii) Period wise class lessons material.
- (iv) Vedic Mathematics Laboratory.
- (v) Vedic Mathematics Library.
- (vi) Periodic workshops, Seminars and Competitions.
- (vii) Regular evaluation of dissemination of values of Vedic Mathematics by students.

11

NEED TO TRANSCEND EXISTING METHODOLOGY:

Prevalent stagnation of intelligence and declining index of annual mathematics examination results require that there is need to transcend from the existing mathematics methodologies and to adopt Vedic Mathematics. Format

features and values of Vedic Mathematics are of inherent potentialities to melt stagnant mental states.

Students of Vedic Mathematics are naturally initiated parallel to the order of our Existence Phenomenon and every discipline of knowledge remains interconnected and integrated blissfully.

12

BLISSFUL GLIMPSING AND IMBIBING:

Virtue of values of Vedic Mathematics makes intelligence field being consciousness based, and as a result Mind and Heart blissfully glimpse and imbibe in Unison the whole range of values and virtues of Life, one is destined to live within Human Frame regularly by Human Mind as per its intelligence Field.



Reference notes (1 to 9)