

Indian Knowledge System (IKS)

Introduction

Indian Knowledge System (IKS)

I. Why ?

II. What ?

III. How ?

I. IKS : WHY ?

- ✓ Identity Crisis
 - ✓ To Decolonize Indian Education
 - ✓ Re-rooting Indian Minds in Indic Perspective
 - ✓ The Core Curriculum – Western Universities
- ✓ Self Help & the Deepest Questions about our Existence

II. IKS : WHAT?

Indian Knowledge System is a collective quest of a very wide range of themes by Indians since the dawn of our civilization. Indians have been inquisitive and engaged in open-minded enquiry of issues ranging from numbers, language, planets, matter, mind, health, ecology etc. Their quest took them from the minutest particles to the grand scheme of cosmos; from consciousness to matter; from music to language; from pragmatic issues to the ultimate reality. It proposed the holistic nature of knowledge where disciplines knew no boundaries. It is the most comprehensive area of exploration by any civilization in the world.

II. IKS : WHAT?

Indian + Knowledge + System

Bharatiya + Gyan + Parampara

Civilizational Knowledge System

Foundational Building Blocks

Foundational Building Blocks : CKS

- Truth * Goodness * Beauty
- What is Truth – What is true / reality / ultimate or fundamental substance
- What is Goodness – What is good / ethical / beneficial / healthy
- What is Beauty – beautiful / aesthetic / joy / bliss

Western Knowledge System

Foundational Building Blocks

Richard Feynman

*“If, in some cataclysm, all of scientific knowledge were to be destroyed, and only one sentence passed on to the next generation of creatures, what statement would contain the most information in the fewest words? **I believe it is the atomic hypothesis that all things are made of atoms — little particles that move around in perpetual motion, attracting each other when they are a little distance apart, but repelling upon being squeezed into one another.** In that one sentence, you will see, there is an enormous amount of information about the world, if just a little imagination and thinking are applied.”*



Western Knowledge System

- Truth * Goodness * Beauty
- What is Truth – Physical Reality / Objective / Material / Empirical / Sensory
- What is Good – Appeal to your individuality / “atomic” individual
- What is Beautiful – Appeal to your senses / Personal / Subjective

Limitation of Western Knowledge System

- Definitions are vague, imperfect and imprecise
- Fragmentary / Partial / Incomplete in its outlook and worldview
- Diversity – Artificial or Synthetic Unity

Indic Knowledge System

Foundational Building Blocks

Indic Knowledge System

- What is that one thing that defines IKS ?
- What is that one thing if that destroys (or proven wrong) that will do the most damage to IKS ?
- What is equivalent of Feynman's atom in Indian context ?

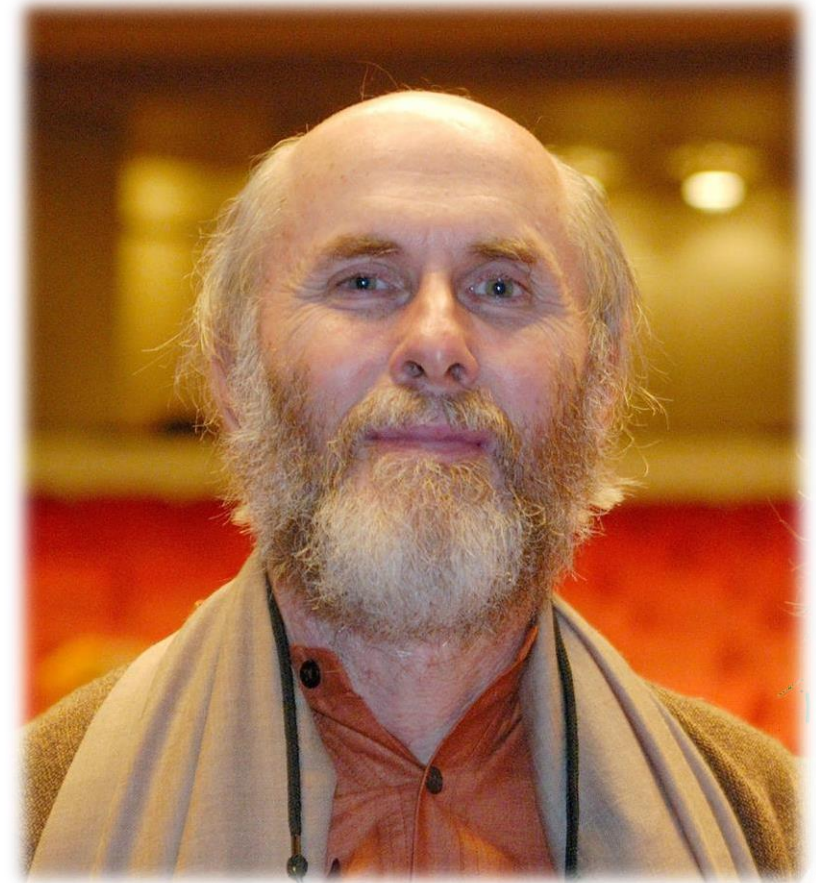
Vishnu Sitaram Sukthankar

*...Modern Scientists are interested in breaking the Atom, which we are told is a solar system in miniature, in order to release the captive energy for the exploitation of Nature. **The Rsis of ancient India were interested in breaking the tangled knot of personality, which is the very cosmos in miniature in order to release the captive energy for the sublimation of Nature...***



David Frawley

*I feel that the view of consciousness, the science of consciousness, consciousness as the supreme reality, human life as a species for the evolution of consciousness, is unique to the Indian ethos. **India has nurtured the culture of consciousness in all its forms without clashing with, or contradicting, the diversity of religions, philosophies, spiritual practices and lifestyles which are integrated into the culture.***



The Art and Science of CONSCIOUSNESS

Indic Knowledge System

- Truth * Goodness * Beauty
- What is Truth – Sat – ultimate reality – consciousness
- What is Good – Chitta – moving from tamas to rajas to sattva
- What is Beauty – Ananda - experiencing inner bliss – “we momentarily recover the unity of our being released from individuality.”

सत् चित् आनान्द्

Sat - Chit - Anand

Truth - Consciousness - Bliss

Fundamentals of IKS

- Every discipline of IKS takes us back to the original source of intelligence which is nothing but pure consciousness.
- Our Original Nature – Divine
- Holistic – Integrated – Unity to Diversity

सत् चित् आनन्द्

Sat - Chit - Anand

Truth - Consciousness - Bliss

Utsava :
urge to raise our consciousness
to higher and higher levels.

Example : Utsava vs Festival

Indian Intellectual Tradition – Multidisciplinary Words

Brahman - 'brhat'

- Sabdabrahman - Language
- Nadabrahman – Music
- Brahmasthana – Architecture
- Brahmavithi – Town Planning
- Brahmanadi – Ayurveda
- Brahmabindu – Geometry

Purusha – 'pur'

- Vastupurusha – Architecture
- Kavyapurusha – Literature
- Prabhand Purusha – Music
- Sangitpurusha – Music
- Purushartha – Ethics
- Ayudhapurusa – Sculpture

First Ever Texts on Major Themes

India's Contribution to the World

First Ever Texts on Major Themes

- *Logic – Nyaya Shastra*
- *Grammar – Panini Ashtadhyayi*
- *Semantics - Bharṭṛhari's Vākyapadīya*
- *Ethics – Nitishastra*
- *Sociology – Dharmashastra*
- *Theatre - The Natyashastra.*
- *Economy - The Arthashastra.*
- *Manual on health - Charak Samhita,*
- *Surgery – Susruta Samhita*
- *Art and Craft - Shilpashastra,*
- *Architecture - Vastushastra*
- *Music - Sangeet Shastra.*
- *Physics – Vaisesika*

Kalaripayattu - Arguably 'The Mother Of All Martial Arts'



Posted by [Jayesh Amrawat](#) - July 12, 2019



Introduction Ancient India was very advanced in almost each and every field, let it be - science, maths, literature, astronomy, music, art and craft or fighting or self-defence techniques (Yudhakala or Yudhashastra).

Here, let us focus on the fighting techniques or Yudhshastra or Yudhakala. Whenever we listen about or watch movies or TV series, and we come across martial arts or more popularly Kungfu ...

How Madhava Derived Sine and Cosine Series Centuries Before Newton and Euler Did



Posted by [Jayesh Amrawat](#) - June 18, 2020



Who Was Madhava? Madhava, popularly known as - Madhava of Sangama-grama, was a great astronomer and one of the greatest mathematicians of the Fourteenth Century AD. He belonged to Kerala and is credited for the establishment of Kerala School of Astronomy and Mathematics. It is quite unfortunate that many of his works have failed to survive, but whatever his mathematical contributions we know about have been sourced by means of the quotations in ...

8 comments

Location: [India](#)

[READ MORE](#)

Sushruta - The "Founding Father" of Surgery



Posted by [Jayesh Amrawat](#) - April 02, 2020



The history of medicine in India is very fascinating and enriching. Almost everyone has accepted the power of Ayurveda and not to forget, the art of YOGA - India's contribution to the field of health and well-being to the world is receiving words of appreciation from different parts of the world.

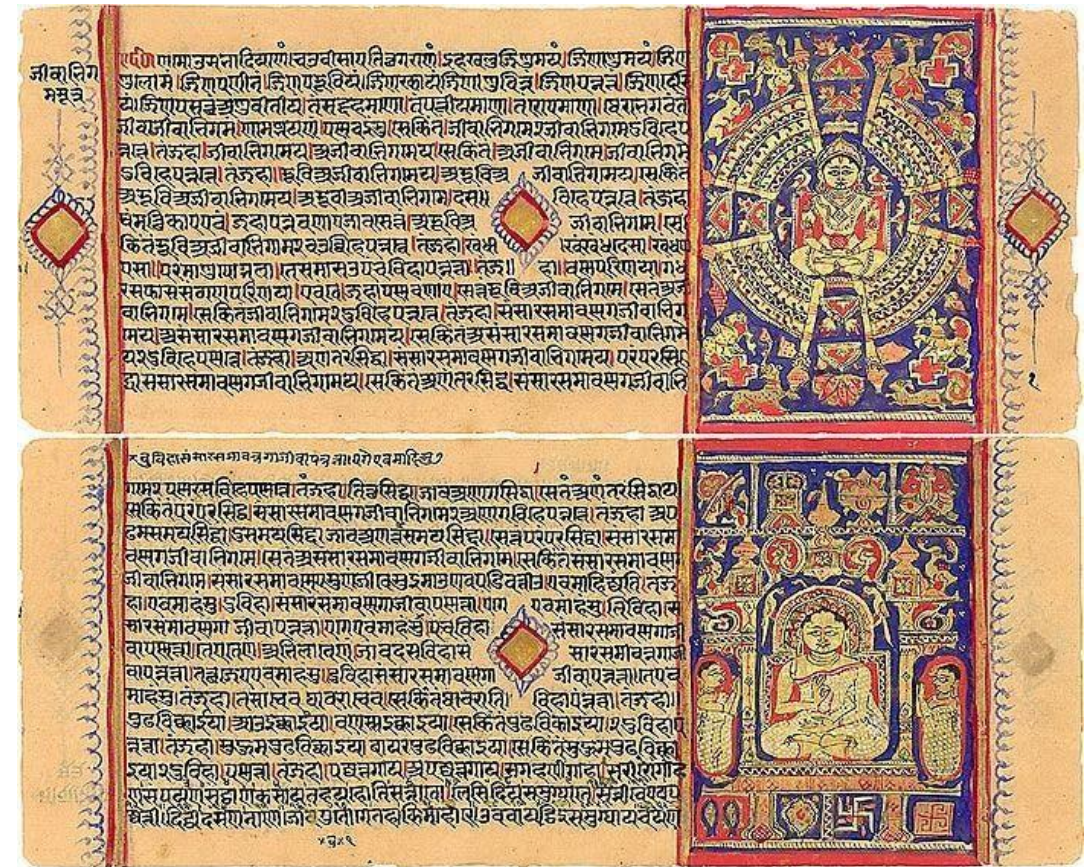
07-Aug-23

Dr Ram Sharma

25

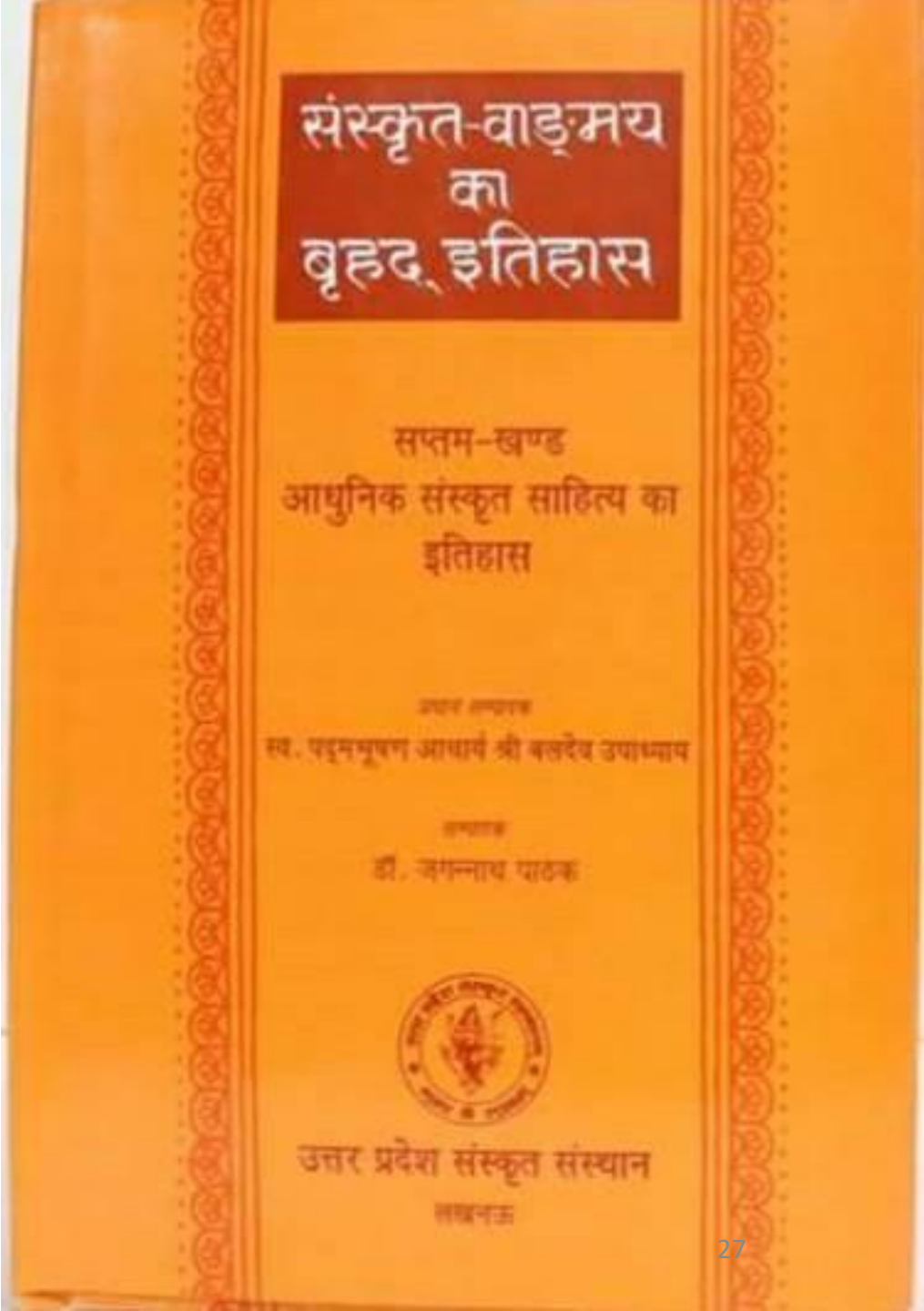
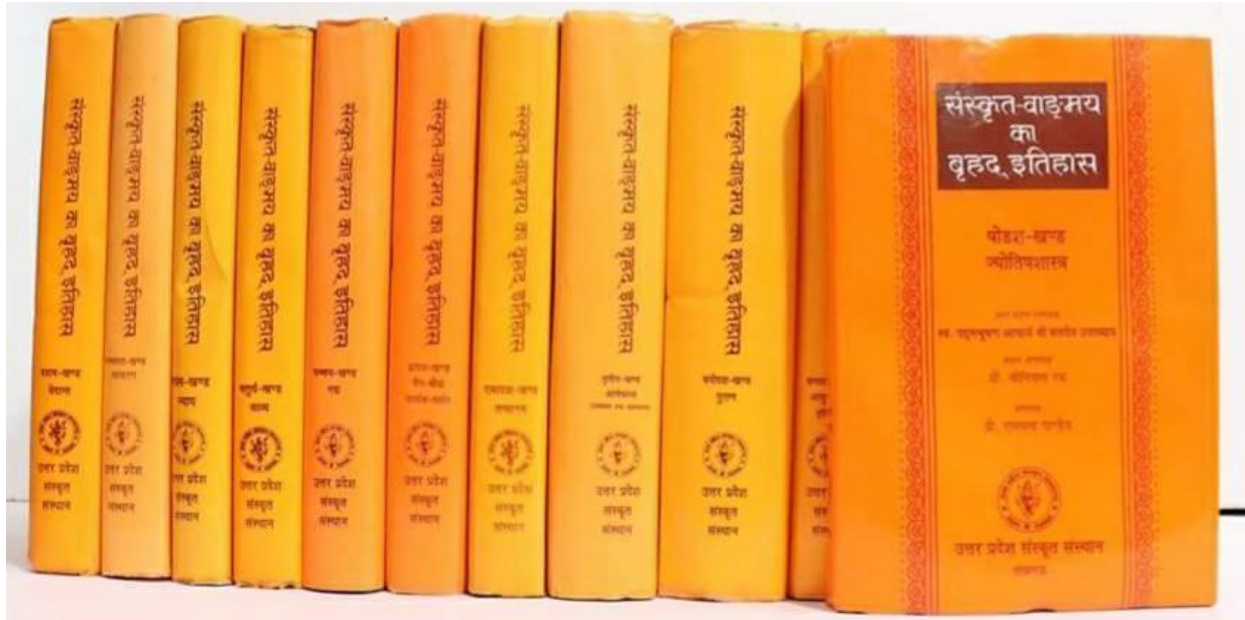
Indian – Knowledge-Centric Civilization

- The World’s Largest Collection of Manuscripts
 - It is estimated that the manuscript wealth of India is of the order of 3.5 million, of which about 1 million are in collection which have been catalogued.
- At 1.8 million words, the Mahabharata is one of the largest epics – roughly 10 times the size of the Iliad and Odyssey combined.
- Tradition of Text, Thinkers and Schools in so many domains



MS 5297
Suryaprajnapti Sutra; astronomy. India, ca. 1500

Indian Knowledge System



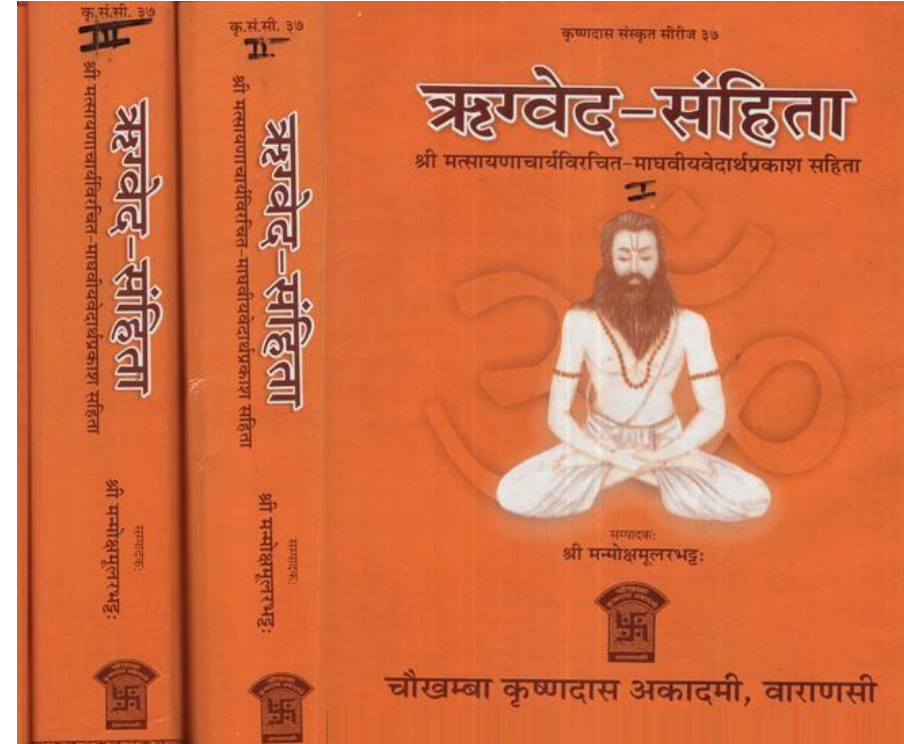
The corpus of intellectual texts in the Indian intellectual traditions, written in four Indian languages, namely Sanskrit, Prakrit, Pali, and Old Tamil, is larger than the corpus of intellectual texts in all other world languages combined



PROF. KAPIL KAPOOR
(PADMA BHUSHAN)

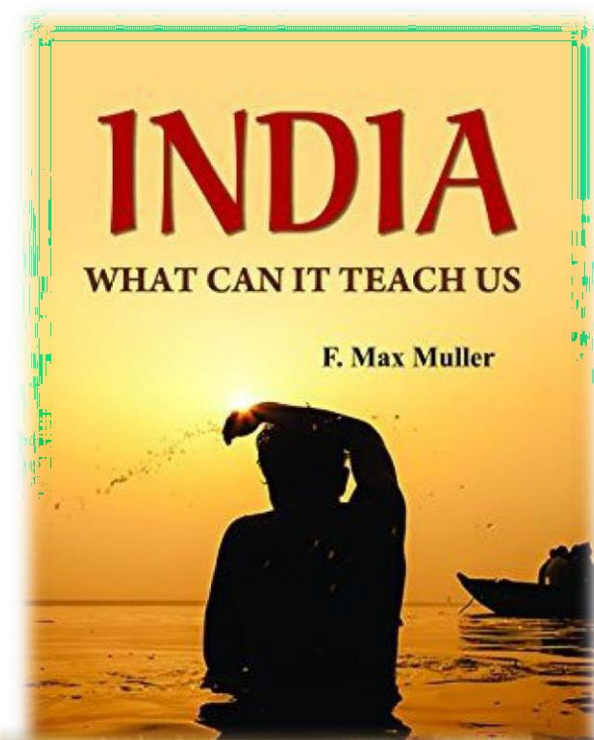
Flawless Continuity of Knowledge Tradition

- Thus, the *Rgveda* has come down intact, with not a sound in dispute, over virtually 5000 years while Shakespeare's plays that were in fact printed in their time have many textual problems in only 500 years.



Max Muller : Srotriyas as “Living Libraries”

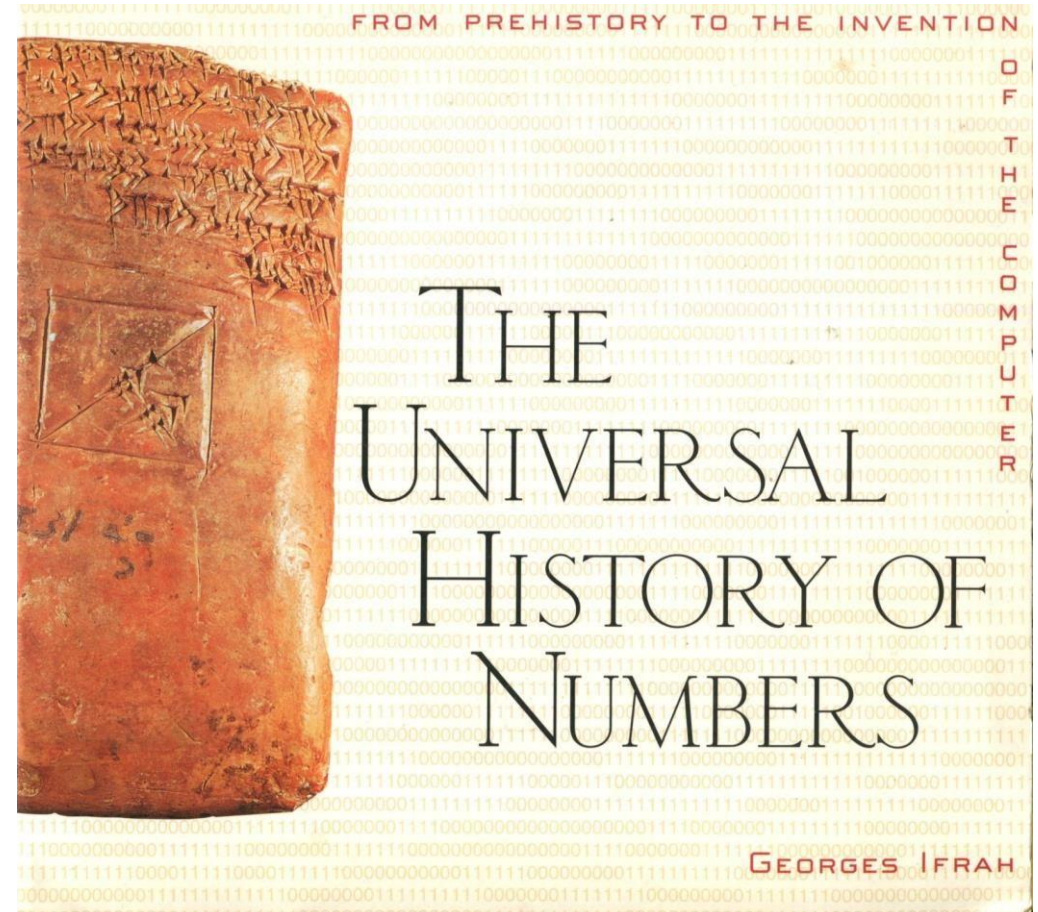
- "This may sound startling, but what will sound more startling, and yet is a fact that can be easily ascertained . . . at the present moment, **if every MS of the *Rgveda* was lost, we should be able to recover the whole of it — from the memory of the *Srotriyas* in India. . . .** Here then we are not dealing with theories, but with facts, which — anybody may verify. The whole of the *Rgveda*, and a great deal exists at the present moment in the oral tradition. . . ."



Few Interesting Examples of IKS

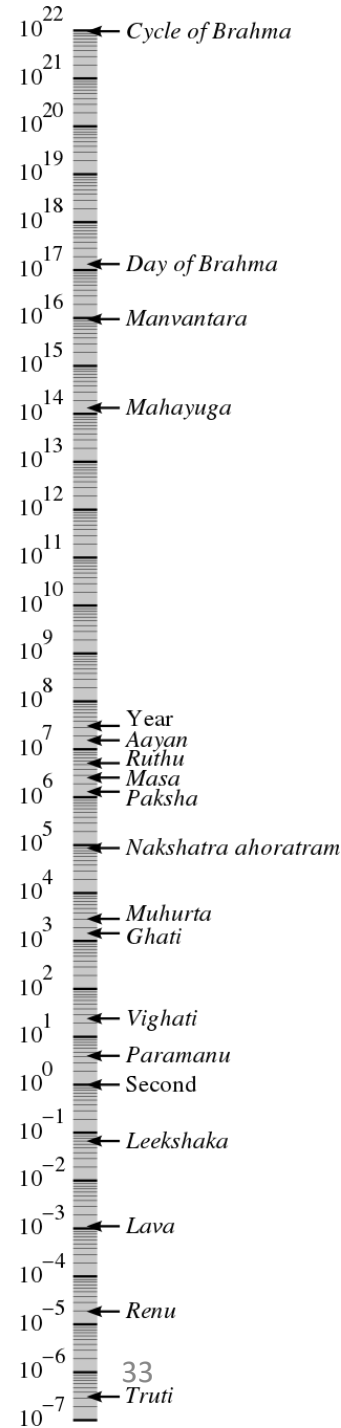
India's tryst with Infinity

The Smallest and Largest Numbers, ever conceived in any civilization.

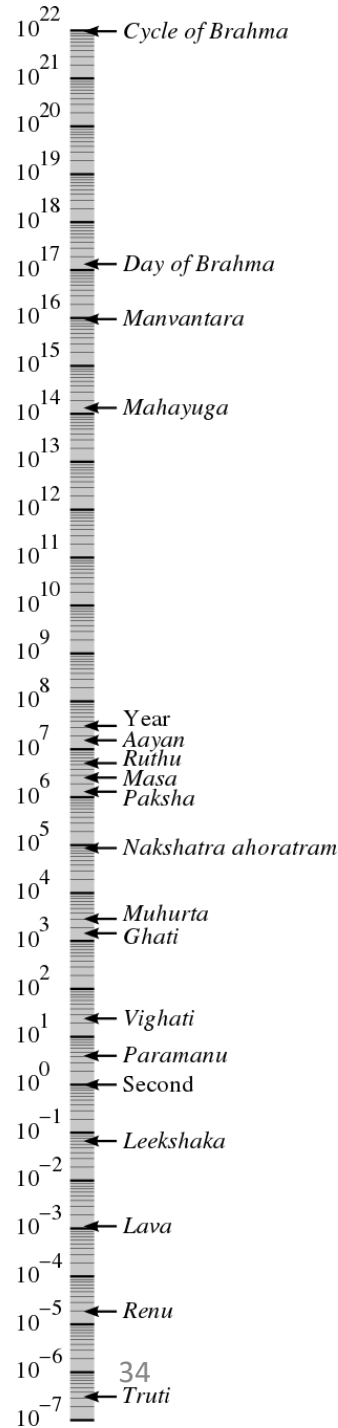


- laksá (लक्ष) — 10^5
- kōti (कोटि) — 10^7
- ayuta (अयुत) — 10^9
- niyuta (टियुत) — 10^{13}
- pakoti (पकोटि) — 10^{14}
- vivara (टिंारा) — 10^{15}
- kshobhya (क्षोभ्य) — 10^{17}
- vivaha (टिंाहा) — 10^{19}
- kotippakoti (कोटिपकोिी) — 10^{21}
- bahula (बहुल) — 10^{23}
- nagabala (िागाबाला) — 10^{25}
- nahuta (िाहूिा) — 10^{28}
- titlambha (तीतलम्भा) — 10^{29}
- vyavasthanapajnapati (व्यिस्थािापज्ञापटत) — 10^{31}
- hetuhila (हेतुहीला) — 10^{33}
- ninnahuta (टिन्नाहुता) — 10^{35}
- hetvindriya (हेत्वित्विय) — 10^{37}
- samaptalambha (समाप्तलम्भ) — 10^{39}

- gananagati (गिािागती) — 10^{41}
- akkhobini (अक्खोटबटि) — 10^{42}
- niravadya (टिरािाद्य) — 10^{43}
- mudrabala (मुद्राबाला) — 10^{45}
- sarvabala (सिवबाला) — 10^{47}
- bindu (टबिंदु or टबन्दु) — 10^{49}
- sarvajna (सि व ज्ञ) — 10^{51}
- vibhutangama (टिभुतनामा) — 10^{53}
- abbuda (अब्बुद) — 10^{56}
- nirabbuda (टिबुवद्द) — 10^{63}
- ahaha (अहाहा) — 10^{70}
- ababa (अबाबा) — 10^{77}
- atata (अिािा) — 10^{84}
- soganghika (सोगान्धीक) — 10^{91}
- uppala (उप्पल) — 10^{98}
- kumuda (कु मुद) — 10^{105}
- pundarika (पुन्दरीक) — 10^{112}
- paduma (पद्म) — 10^{119}
- kathana (कथि) — 10^{126}
- mahakathana (महाकथि) — 10^{133}
- asam khyeya (असिंख्येय) — 10^{140}



- *dhvajagranishamani* (ध्वजाग्रटिशर्मी) — 10^{421}
- [bodhisattva](#) (बोटिसि or बोटिसत्त) — $10^{37218383881977644441306597687849648128}$
- *lalitavistarautra* (लटलतातुलितारासूत्र) — 10^{200} infinities
- [matsya](#) (मत्स्य) — 10^{600} infinities
- [kurma](#) (कू मव) — 10^{2000} infinities
- [varaha](#) (िराह) — 10^{3600} infinities
- [narasimha](#) (िरटसम्हा) — 10^{4800} infinities
- [vamana](#) (िामि) — 10^{5800} infinities
- [parashurama](#) (परशुराम) — 10^{6000} infinities
- [rama](#) (राम) — 10^{6800} infinities
- *khrishnaraja* (खृष्णराज) — 10 infinities
- [kalki](#) (कल्कि) — 10^{8000} infinities
- [balarama](#) (बलराम) — 10^{9800} infinities
- [dasavatara](#) (दशाितार) — 10^{10000} infinities
- *bhagavatapurana* (भागितपुराण) — 10^{18000} infinities
- *avatamsakasutra* (अितािंशकासूत्र) — 10^{30000} infinities
- *mahadeva* (महादेि) — 10^{50000} infinities
- [prajapati](#) (प्रजापटत) — 10^{60000} infinities
- [jyotiba](#) (ज्योटतबा) — 10^{80000} infinities
- *parvati* (पािवती) $10^{200000000000}$ infinities
- *paro* (परो) $10^{40000000000000000000}$ infinities



Smallest Numbers

- **8 Paramāṇu = 1 Rathadhūli, chariot-dust**
 - 8 Rathadhūli = 1 Vālāgra, hair-end
 - 8 Vālāgra = 1 Likṣā, nit,
 - 8 Likṣā = 1 Yūka, louse
 - 8 Yūka = 1 Yava, barley-corn,
 - 8 Yava = 1 Aṅgula, digit (finger-breadth),
 - 12 Aṅgula = 1 Vitasti, span,
 - 2 Vitasti (24 aṅgulas) = 1 Kiṣku, cubit,
 - 4 Dhanurmuṣṭi (26 aṅgulas) = 1 Daṇḍa, rod,
 - 8 Daṇḍa = 1 Rajju, rope
- Paramāṇu (द्रोणी, “atom”) is the Sanskrit name for a unit of measurement, used in Vāstuśāstra literature, according to the *Mānasāra* II.40-53. A single Paramāṇu unit corresponds to the smallest unit possible. It takes 8 Paramāṇu units to make a single Rathadhūli unit.

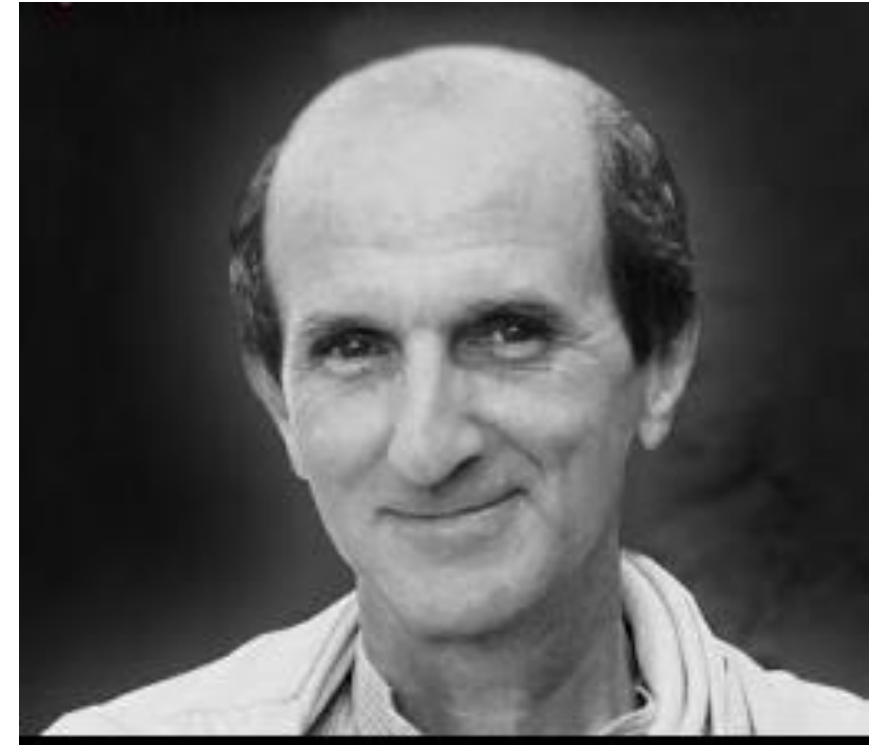
Speed of Light

- In a hymn addressed to the sun, he says that it is ***“remembered that the sun traverses 2,202 yojanas in half a nimesha.”***
- 1 nimesha to be equal to 16/75.3 seconds; 1 yojana is about 9 miles.
- **Substituting** in Sayana’s statement we get 186,536 miles per second. Unbelievable, you’d say!



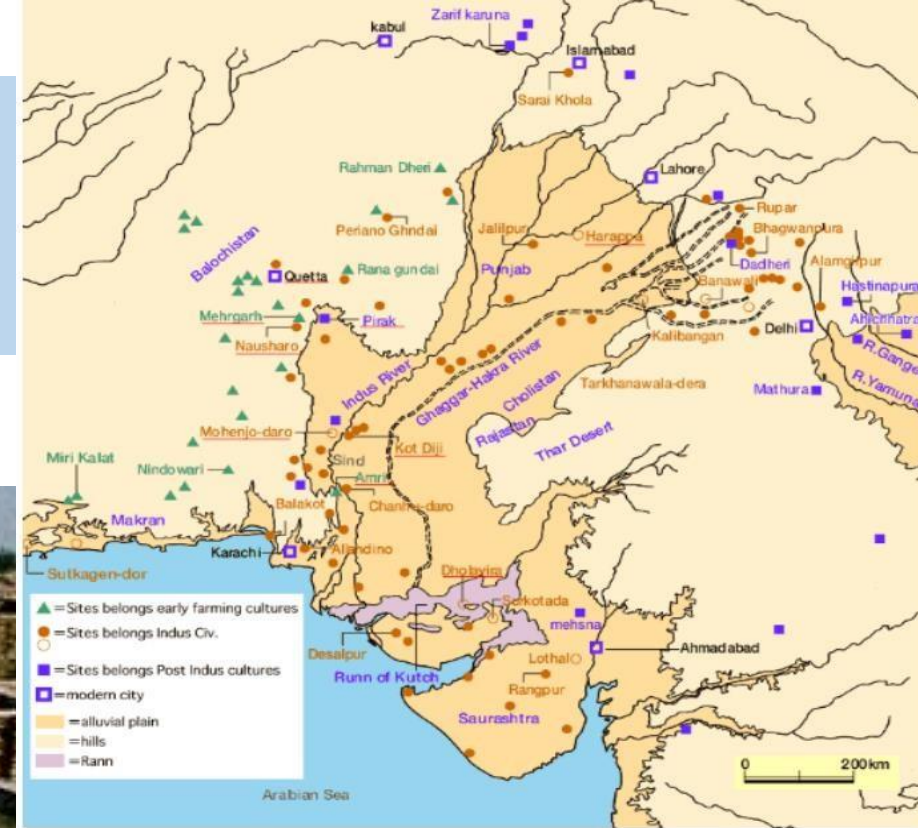
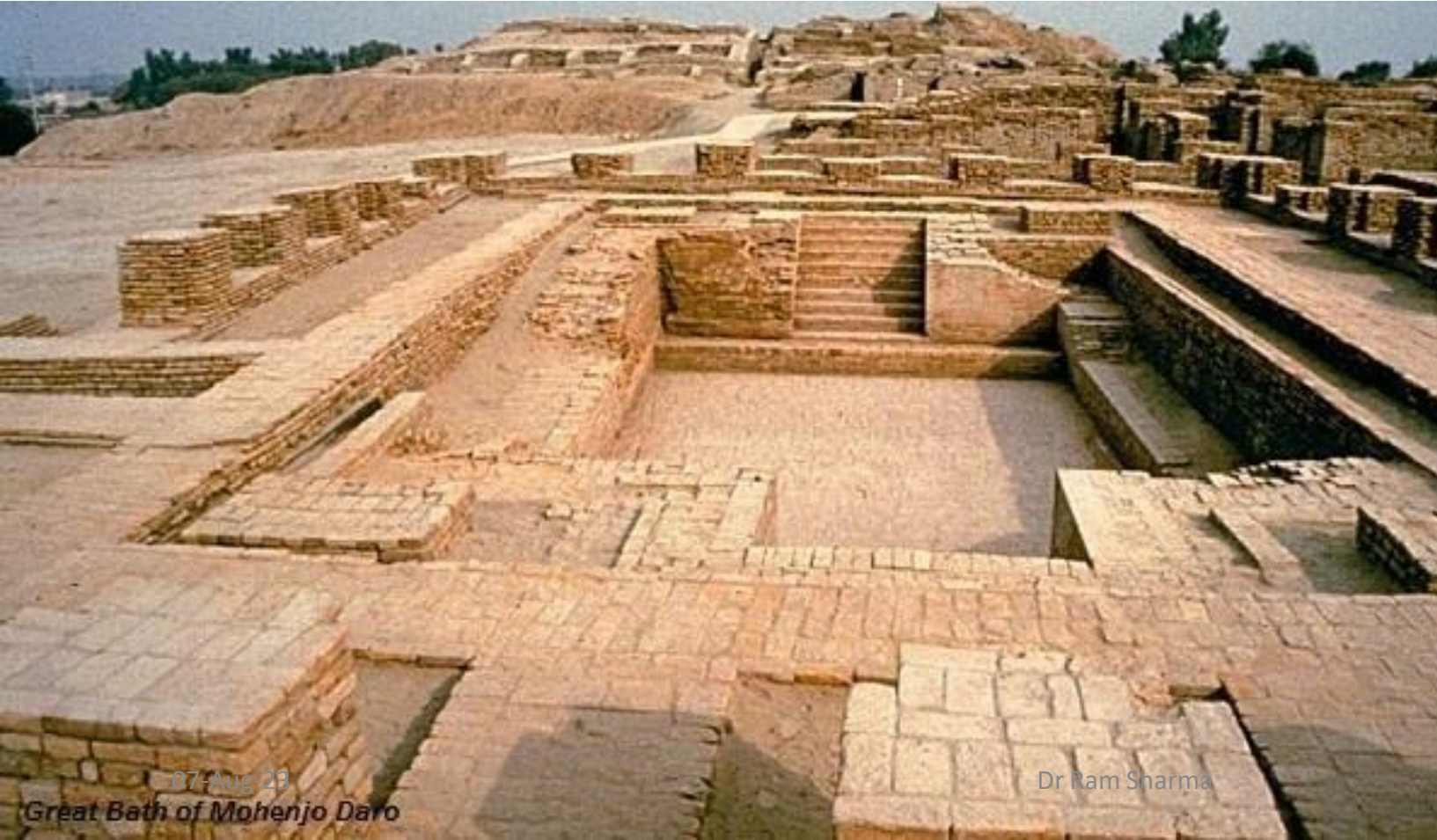
*The Quest for the infinite was by no means exclusive to India; rooted deep down in the human being, it has surfaced in every civilization. **But nowhere was it so systematic, daring, methodical, all-embracing.***

- India's Scientific Mind :
A Quest for Infinity



Michel Danino

Great Achievements of India



The Indus-Sarasvati Civilization was the world's first to build planned towns, with underground drainage, civil sanitation, hydraulic engineering, and air-cooling architecture.

Great Achievements of India



LITTLE KNOWN HISTORY OF INDIA'S WOOTZ STEEL

DISCOVER THE UNTOLD HISTORY OF AN ADVANCED MATERIAL OF ANCIENT INDIA



In the mid-first millennium BC, the Indian wootz steel was very popular in the Persian courts for making swords. The British sent teams to India to analyze the metallurgical processes that were later appropriated by Britain.

Great Achievements of India

TRADITION AND BEYOND

Handcrafted Indian Textiles



07-Aug-23 General Editor Martand Singh
Text Rta Kapur Chishti / Rahul Jain

GLOBAL ECONOMIC HISTORY SERIES

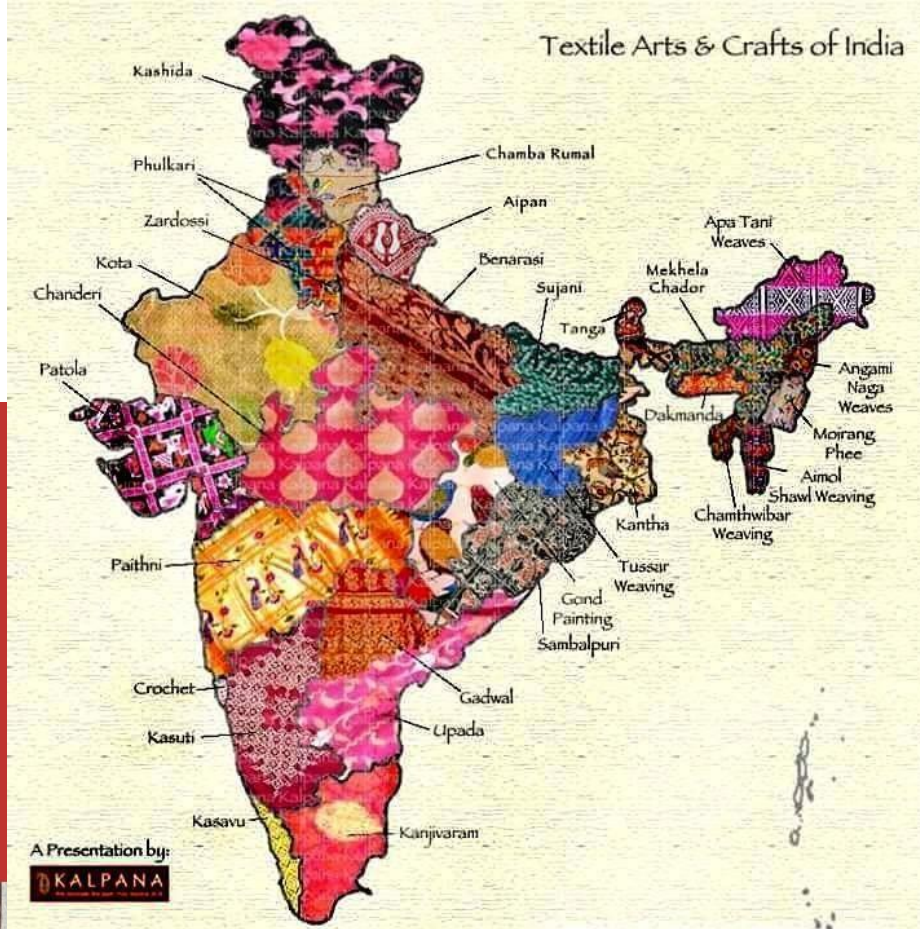
How India Clothed the World

THE WORLD OF SOUTH ASIAN TEXTILES, 1500-1850

EDITED BY
GIORGIO RIELLO
TIRTHANKAR ROY



Dr Ram Sharma



India's textile exports were legendary. Roman archives contain official complaints about massive cash drainage because of imports of fine Indian textiles.

Largest Irrigated Area in the World

Indian people and kings have always followed the advice of Ramayana and Mahabharata. In every period of Indian history, great kings of India have constructed great irrigation works. The legendary Karikala Chola of the *Sangam* period constructed *Kallanai*, the grand anicut, at the point where the river Kollidam branches off from Kaveri. The anicut is the life-line of the rich and fertile Kaveri valley even today. According to an inscription of 1st Century AD, the Saka Rudradaman of Junagarh got the vast Sudarsana Lake near Girnar repaired; the Lake is known to have been constructed by the Mauryas. Similar examples can be gleaned from

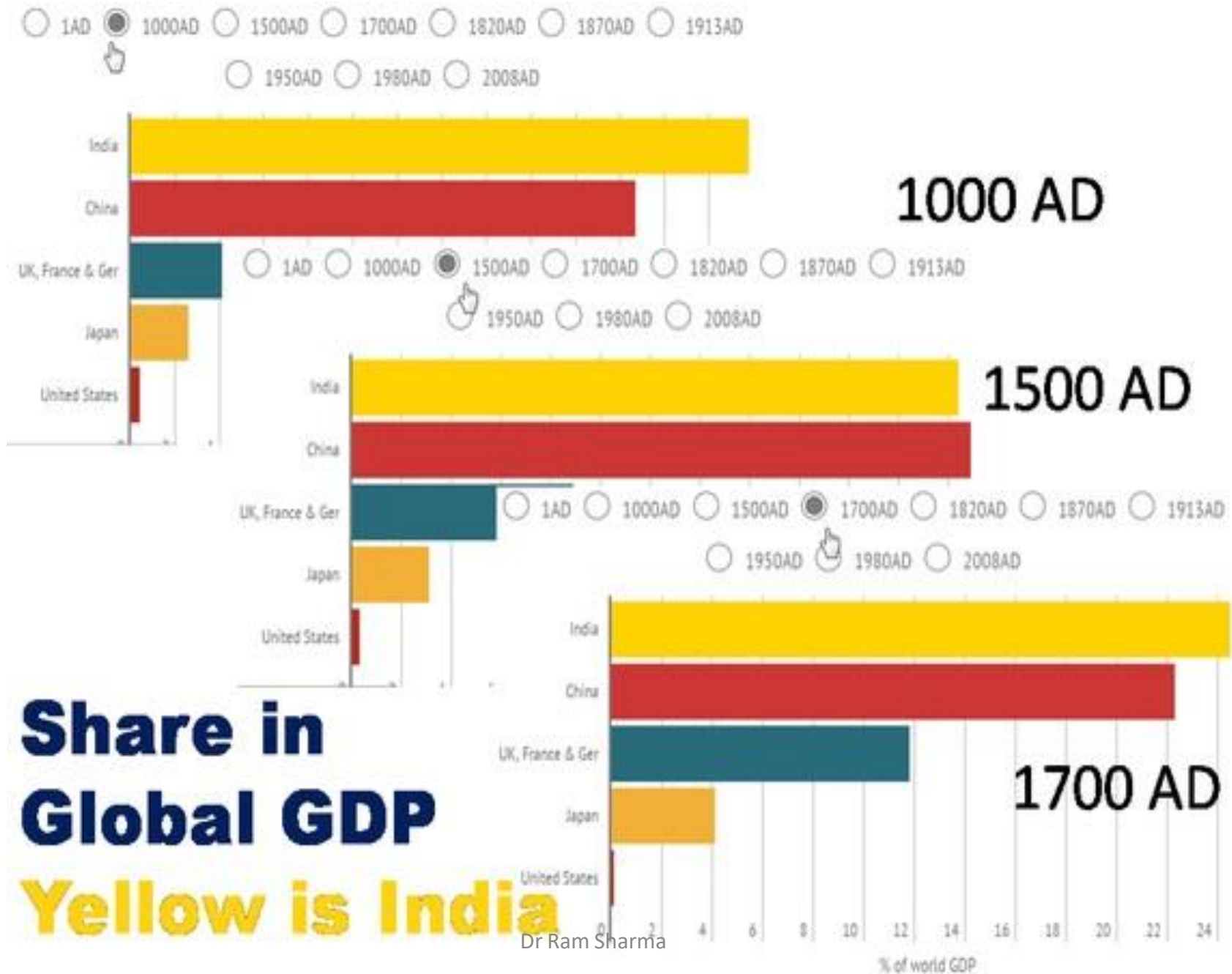
all parts of India throughout Indian history.

Even today India is the most irrigated region in the world. India has the largest irrigated area, and enough irrigation potential to double it.

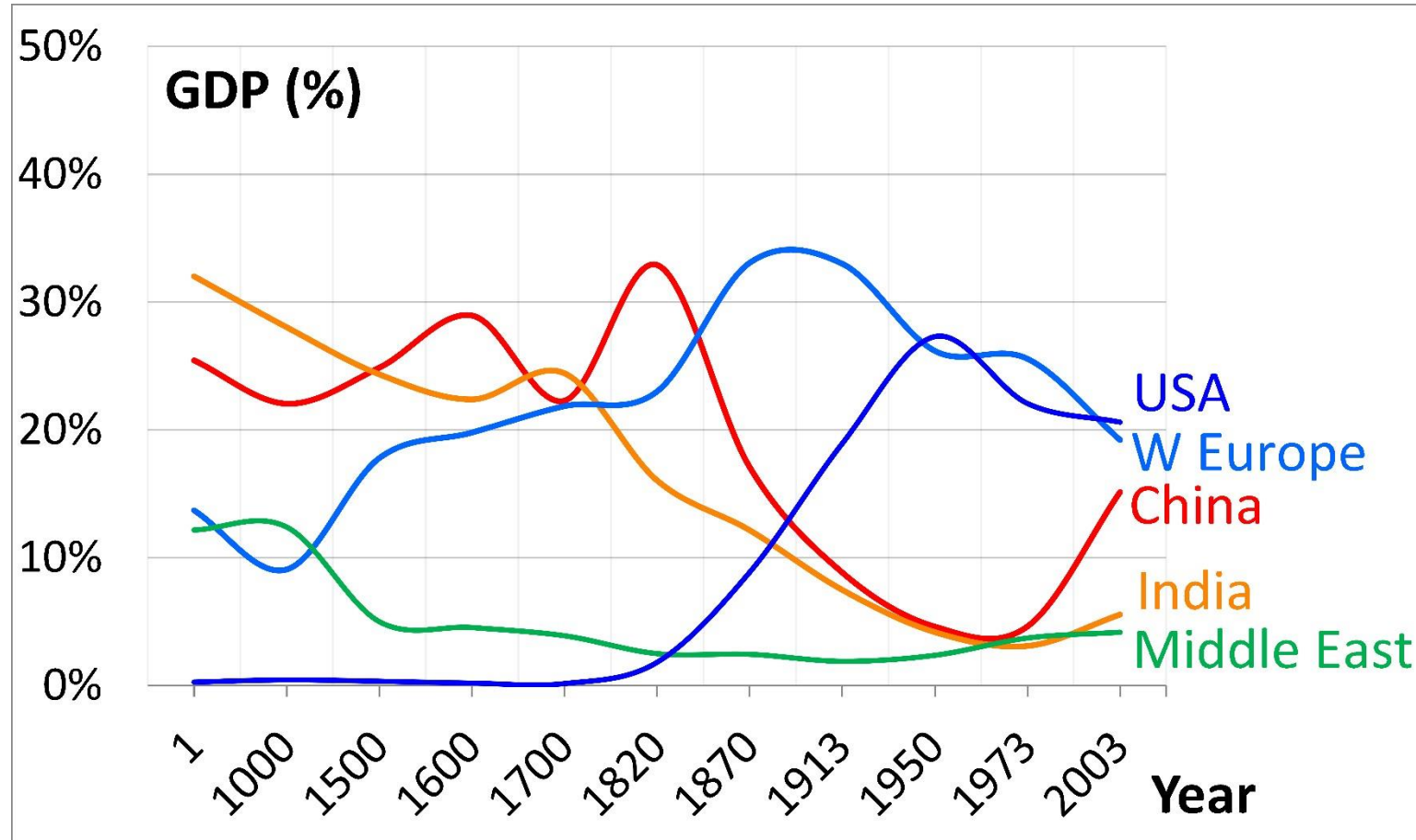
Country (1998)	Irrigated Area in million hectares
World	271.4
India	59.0
China	52.6
USA	21.4
Europe	17.1



Indian Economy



India's share in world GDP



III. IKS : How ?

Case I

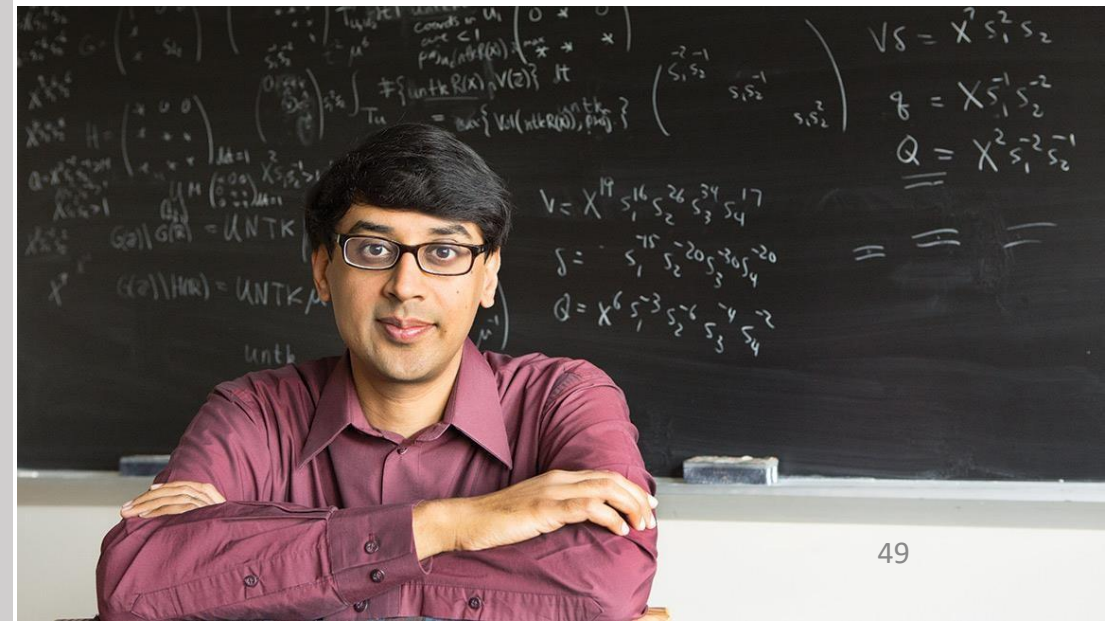


Manjul
Bhargava

Manjul Bhargava

(Princeton University mathematician and 2014 Fields Medallist)

“Students in India should be taught about the great ancient Indian mathematicians like Panini, Pingala, Hemchandra, Aryabhata and Bhaskara. Their stories and works inspired me, and I think they would inspire students across India. Many of these works were written in Indian languages in beautiful poetry, and contain important breakthroughs in the history of mathematics.”



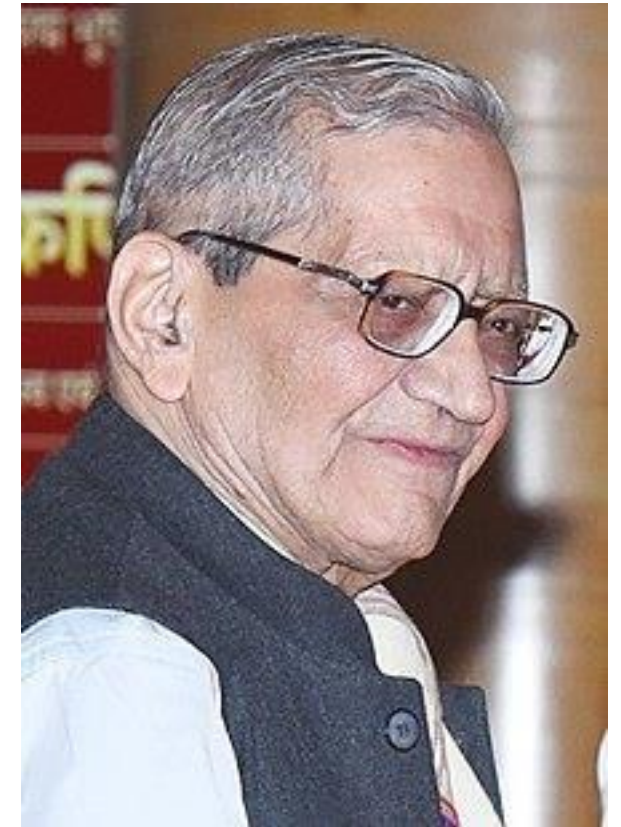
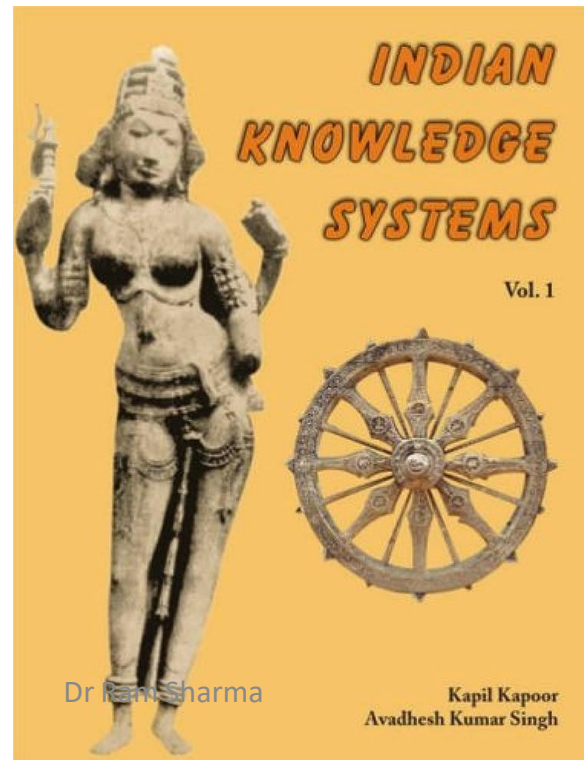
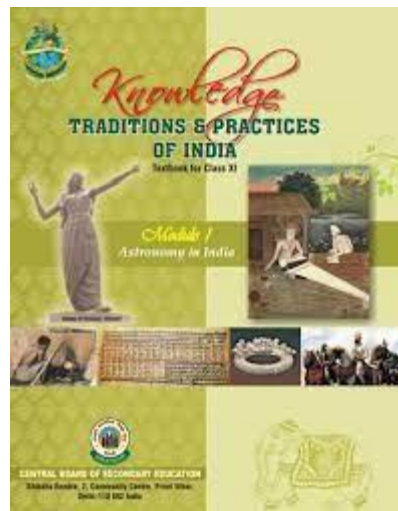
Case II

- JNU : India's Intellectual Tradition

- Indian Knowledge System (Two Volumes)


- NCERT – KTPI

Dr Kapil Kapoor



Case III.

Michel Danino : IKS



INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR

HUMANITIES AND SOCIAL SCIENCES DISCIPLINE OFFERS A UNIQUE SEMESTER COURSE ON

INTRODUCTION TO INDIAN KNOWLEDGE SYSTEMS

JANUARY - APRIL 2020

THIS YEAR'S THEME: *The Idea of "Ancient India"*

An insider's perspective presented by accomplished scholars, who will offer a wide-ranging introduction to ancient India's intellectual, scientific and artistic knowledge traditions, and to early Indian society

INSTRUCTORS

Prof Neelkanth Chhaya | formerly, CEPT University
Concepts and Practices of Architecture across India

Prof Michel Danino | IIT Gandhinagar
Foreign travellers' Views of India — or of Indias?

Dr Meenakshi Jain | formerly Delhi University
Pan-Indian traditions of image worship and safeguarding

Prof Kapil Kapoor | formerly JNU, New Delhi
Pan-Indian intellectual traditions

Prof Shonaleeka Kaul | Centre for Historical Studies, JNU, New Delhi
Sanskrit Kāvya as History

Dr Nanditha Krishna | CPR Institute of Indological Research, Chennai
Traditions of sacred ecology across India

Prof Srinivas Reddy | Brown University, USA & IIT Gandhinagar
Pan-Indic concepts and practices of governance, political theory, moral instruction and ethics

Ms Mana Shah | IIT Gandhinagar
Pan-Indian traditions of pilgrimage

Prof Amita Sinha | formerly University of Illinois at Urbana Champaign, USA, scholar-in-residence, IIT Gandhinagar
India's sacred geography: The mandala landscape and the mandala in built form

Dr M D Srinivas | Centre for Policy Studies, Chennai
Pan-Indian traditions of science and technology

CLASSES
3:30 – 5:00 pm on Wednesdays and Thursdays, starting

IIT Gandhinagar's course on
Indian Knowledge Systems, 2021

THE INDIAN WEB OF ARTS AND AESTHETICS

Interface of Sangam Literature and Sanskrit
and
Nāṭyaśāstra and Tamil Literature

Speaker:
Dr R. Nagaswamy
Archaeologist, Historian and Epigraphist



INTRODUCTION TO INDIAN KNOWLEDGE SYSTEMS

The Indian Web of Arts and Aesthetics

JANUARY – APRIL 2021

Prof Michel Danino
IIT Gandhinagar

The Mahabharata: India's First Anthropology Project

February 4, 2021

Presented by accomplished scholars, an insider's perspective on ancient India's knowledge traditions

Case IV

Centre for Indic Studies @ Indus University



IKS – Core Curriculum

Course Highlights:

- Ayurveda
 - Women in India
 - State and Society
 - Education in India
 - Temple Architecture
 - Indian Business Model
 - Indian Arts & Aesthetics
 - Indian Theory of Emotion
 - Sacred Geography of India
 - Indus-Sarasvati Civilization
 - Pramāṇa: Ways of Knowing
 - Indian Language & Literature
 - Dharma: The Essence of India
 - Indian Science & Technology
 - The Six Schools of Philosophy
- ...and many more topics

सुमेन प्रकशते ज्ञानम्
INDUS UNIVERSITY
Where Practice Meets Theory

Introducing
Certified Course on

INDIAN KNOWLEDGE SYSTEM

A comprehensive course to
reconnect young seekers to
India's Cultural, Spiritual
& Knowledge Tradition

The Core Curriculum
Indus University

For Students of Indus University 30 Lectures | 60 Hours | 02 Semesters

Integrating Indic wisdom in all **ACADEMIC DISCIPLINE**



INDIC
KNOWLEDGE
SYSTEM

Indian Aesthetics in Design Institute

Indic Architecture in Architecture School

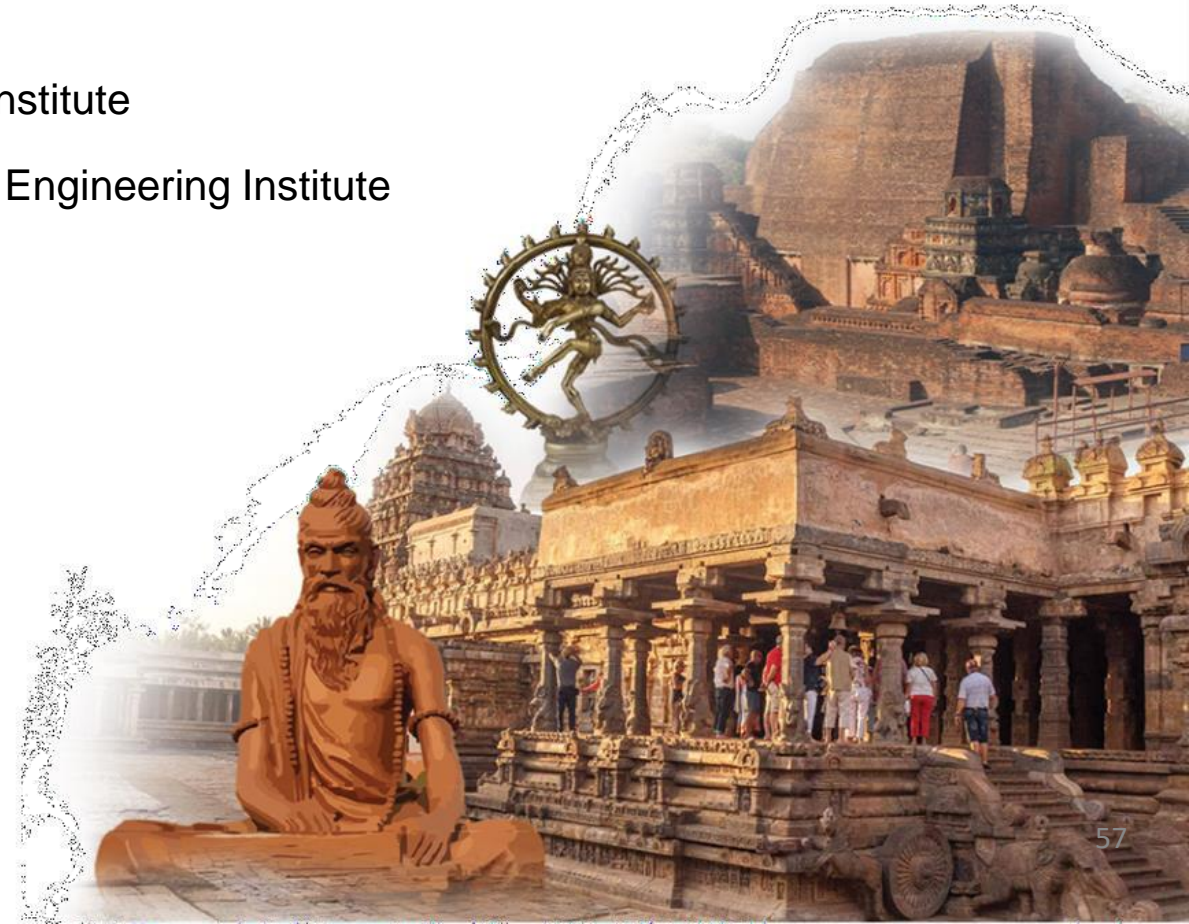
Indian Business Models in Management Institute

History of Indian Science & Technology in Engineering Institute

IKS Core Curriculum for all Institutes

Dharmic Ethic & Values for all Institutes

Indian Knowledge System is the most comprehensive, cumulative and continuous knowledge system of the world.



IKS : How ?

New Ideas and Innovations
come from original thinking
not through borrowed
frameworks.



National Education Policy 2020

**Ministry of Human
Resource Development**

Government of India

Indian Knowledge System is becoming an integral part of Education

The Education Minister Ramesh Pokhriyal 'Nishank' held a meeting on Indian Knowledge Systems today.

Education | Edited by Midusmita Deka | Updated: Dec 10, 2020 10:43 pm IST | Source: Careers360

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Advertisement: Paytm Maha Shopping Festival (7th - 14th JAN) Flat 50% Cashback, Extra 10% Cashback*

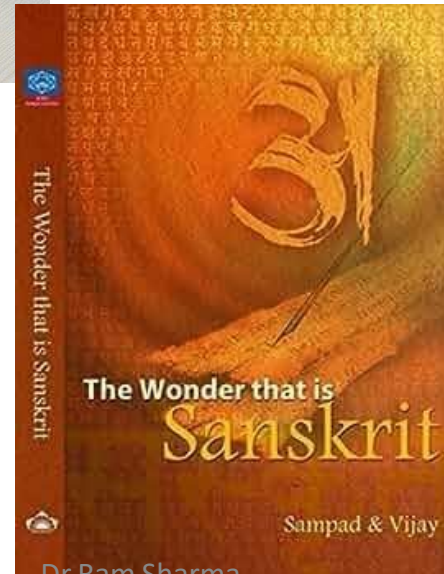
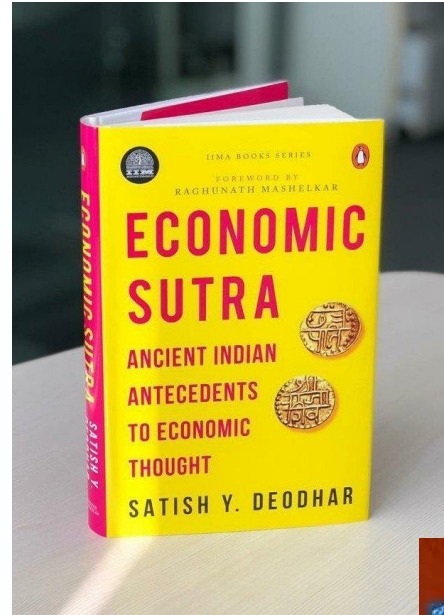
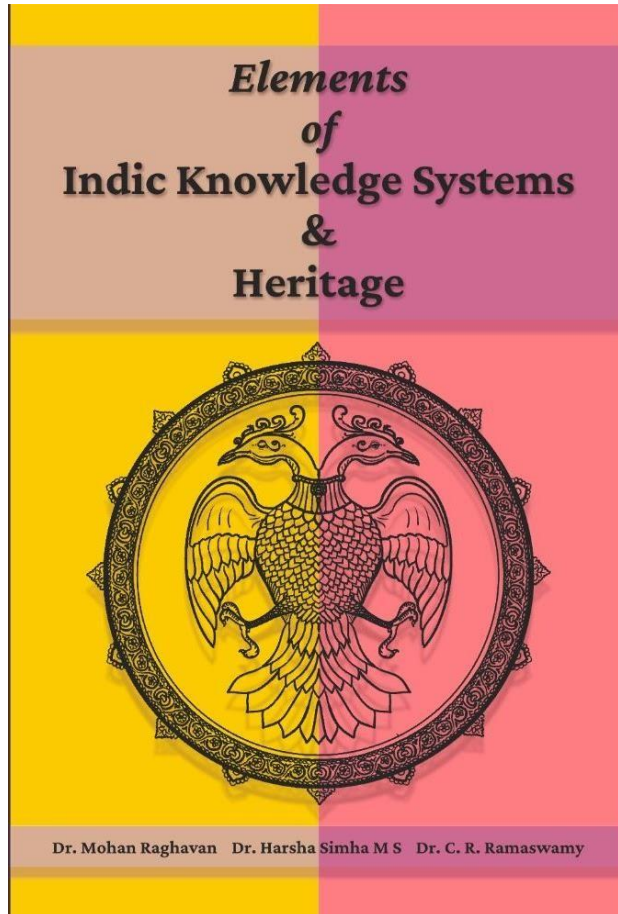
IIT Kharagpur to have new centre on Indian knowledge system

Source: IIT Kharagpur

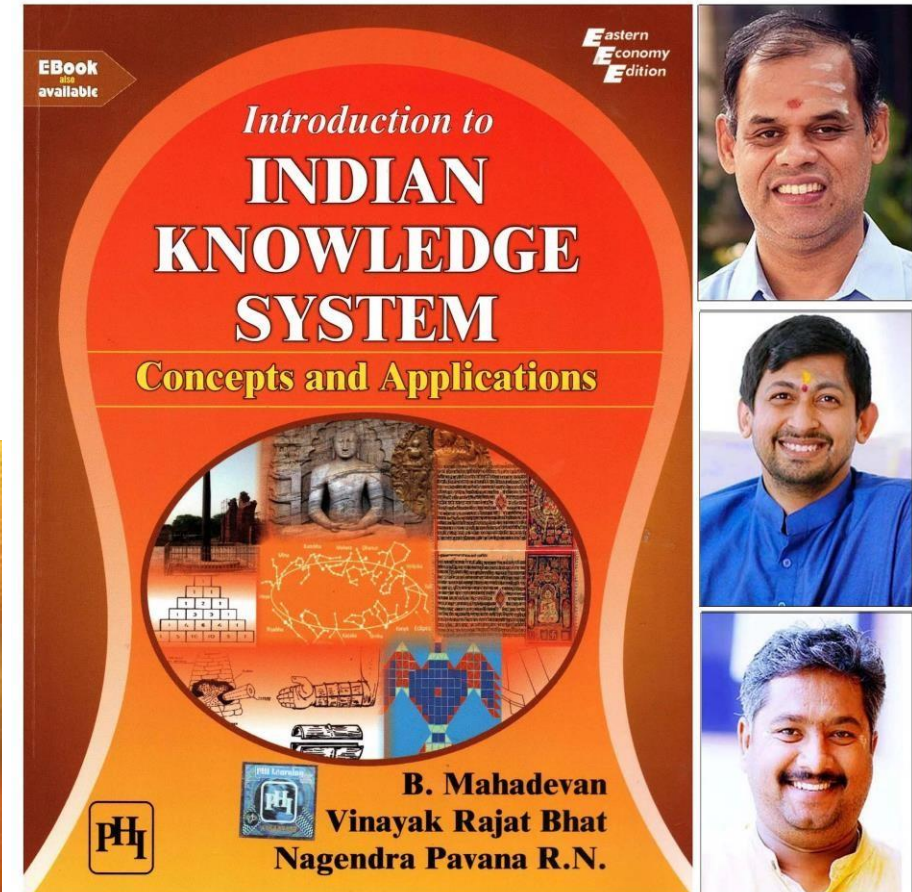
Advertisements: Le Monde (Prenez le temps de lire Le Monde)

Footer: Crack JEE with AI Based JEE Online Coaching

IKS Books



Dr Ram Sharma



Teaching IKS to Indians are paying our
Rishi Rina (ऋति ऋण)

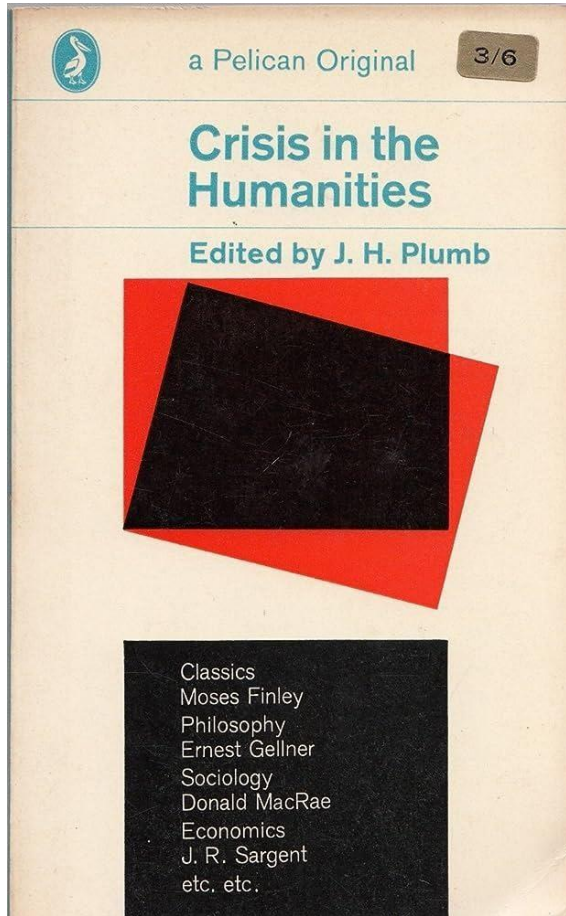
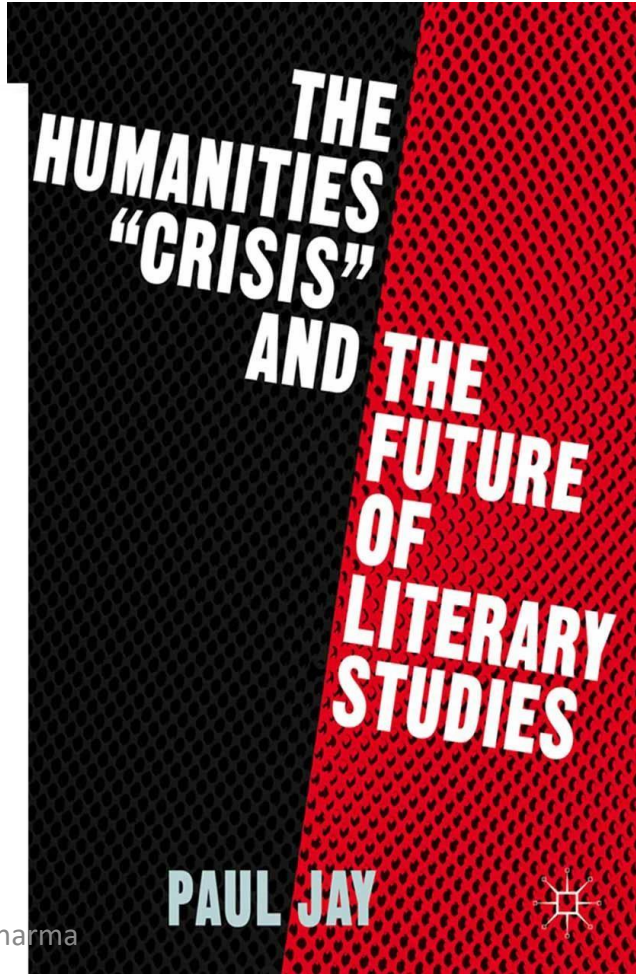
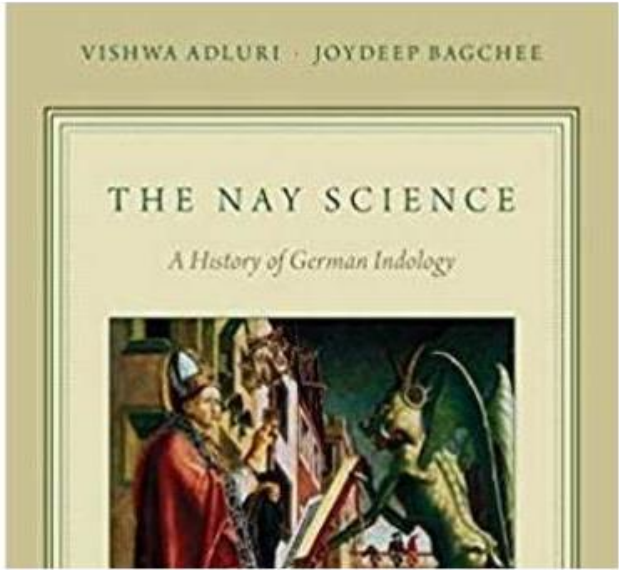
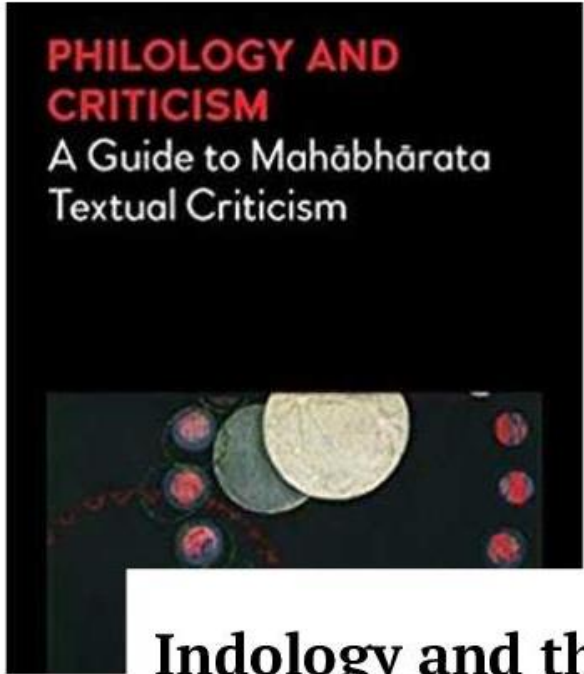
Start from your own expertise !

Importance of IKS

In this Presentation :

- I. The Crisis in the Humanities
- II. Where Scientific Studies are Headed ?
- III. Indic Minds & Western Thinkers : Important Conversations
- IV. Indic Insights and Latest Scientific Discoveries

The Crisis in the Humanities



Indology and the Crisis in the Humanities

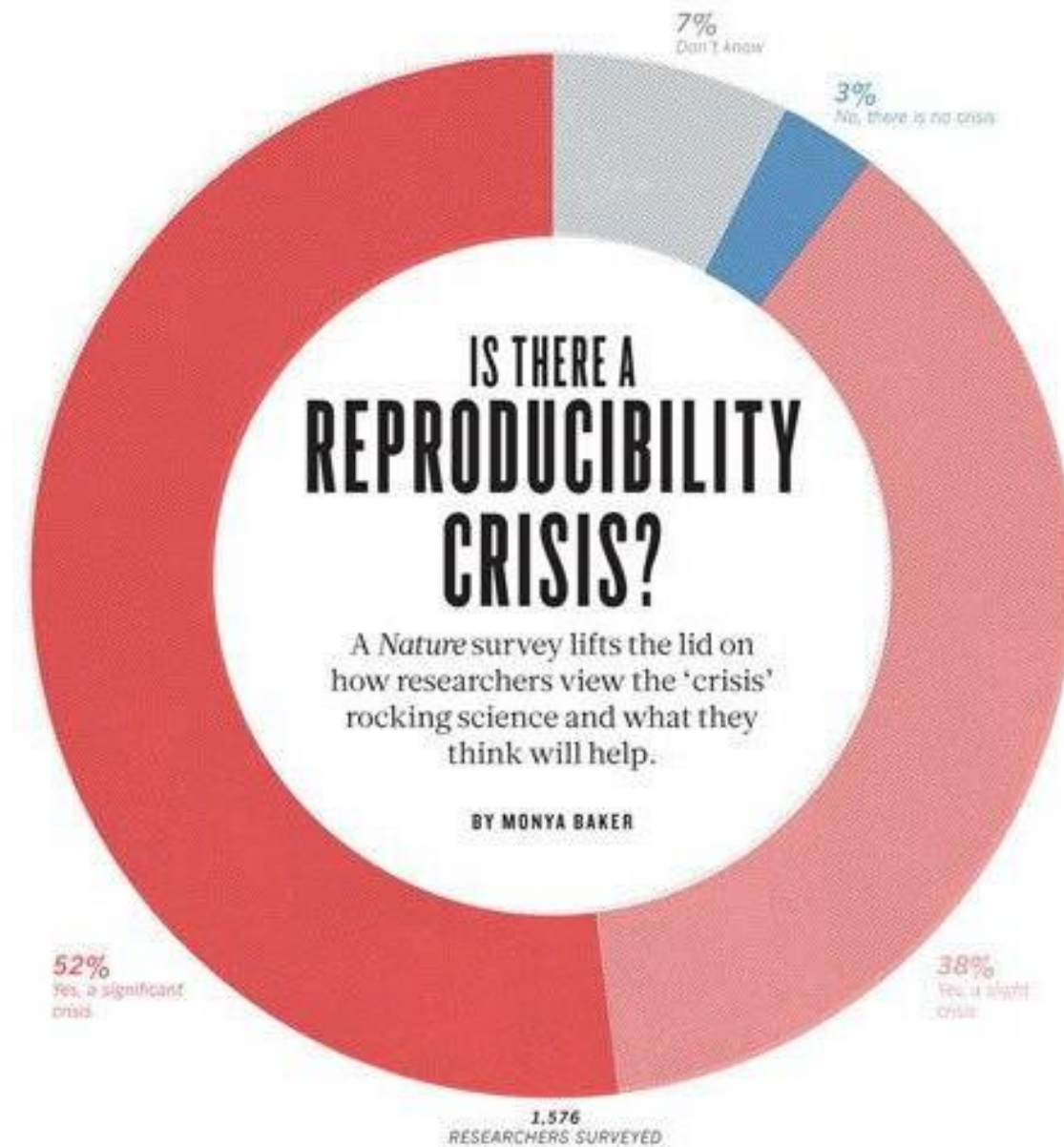
In Adluri and Bagchee's confrontation with Indology, the issue tends to be the extent to which this discipline has operated either according to no principles at all, or according to those it would not wish to acknowledge openly, such as Christian evangelism, racial theory or anti-Semitic biblical criticism.

08-Aug-23

Dr Ram Sharma

1,500 scientists lift the lid on

<https://www.nature.com/articles/583452a>



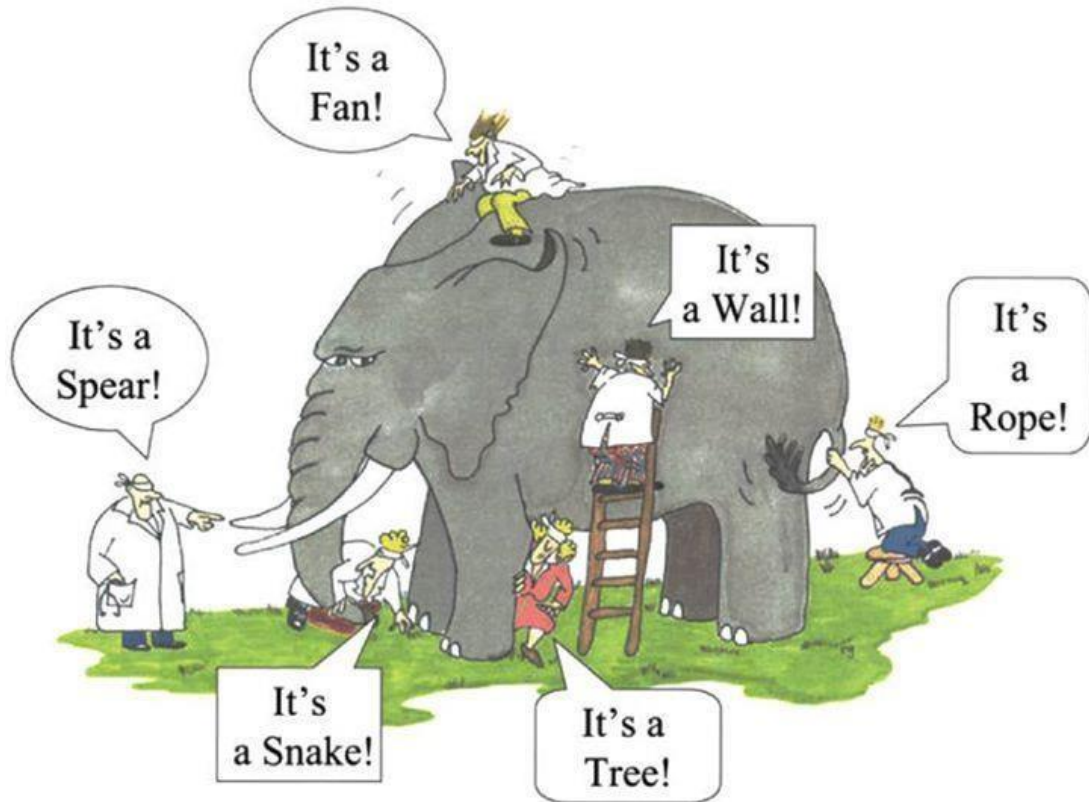
Meaning is the “Holy Grail”

Ray Jackendoff

“Meaning is the ‘holy grail’ not only of linguistics, but also of **philosophy, psychology, and neuroscience**—not to mention more distant domains such as cultural and literary theory. **Understanding how we mean and how we think is a vital issue for our intuitive sense of ourselves as human beings.** For most people, meaning is intuitively the central issue in the study of language—far more important than understanding details of word order or morphology”.



Multi-Valued Logic

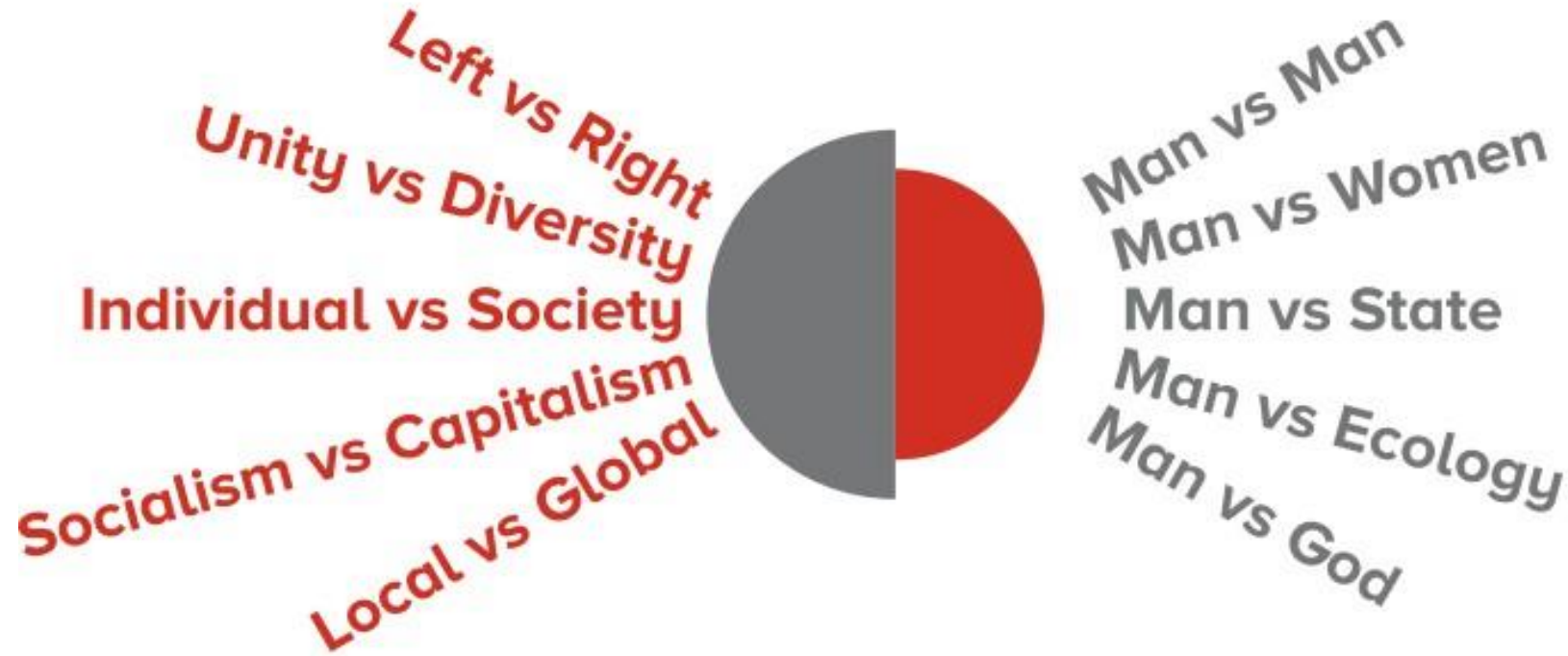


VS

shutterstock.com • 1354024703

I AM **RIGHT**
YOU ARE **WRONG**

Western Conflicting Models

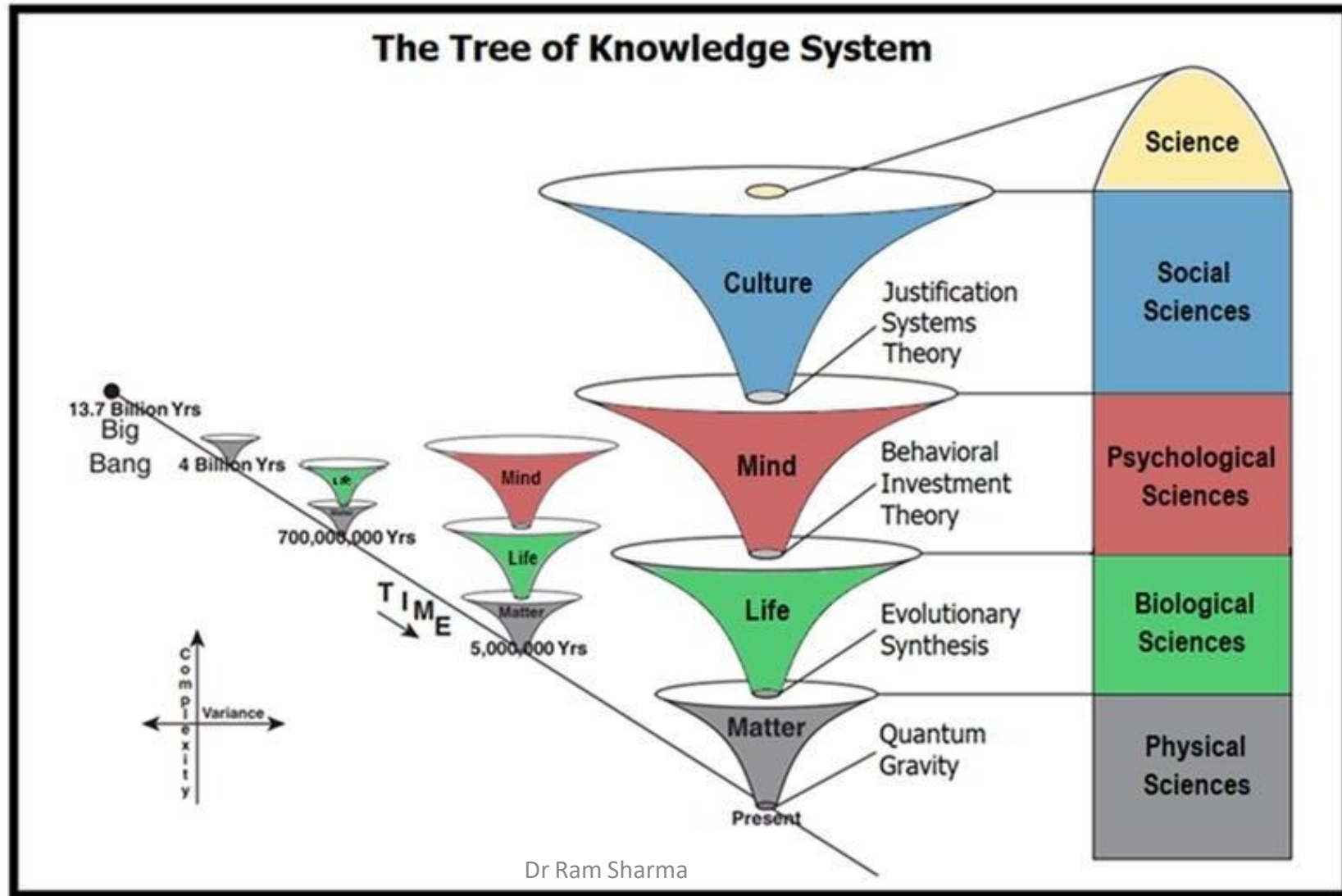


Dharma as the Third Way
Dharmic Model or Framework



Where Modern Studies are headed ?

Western Framework

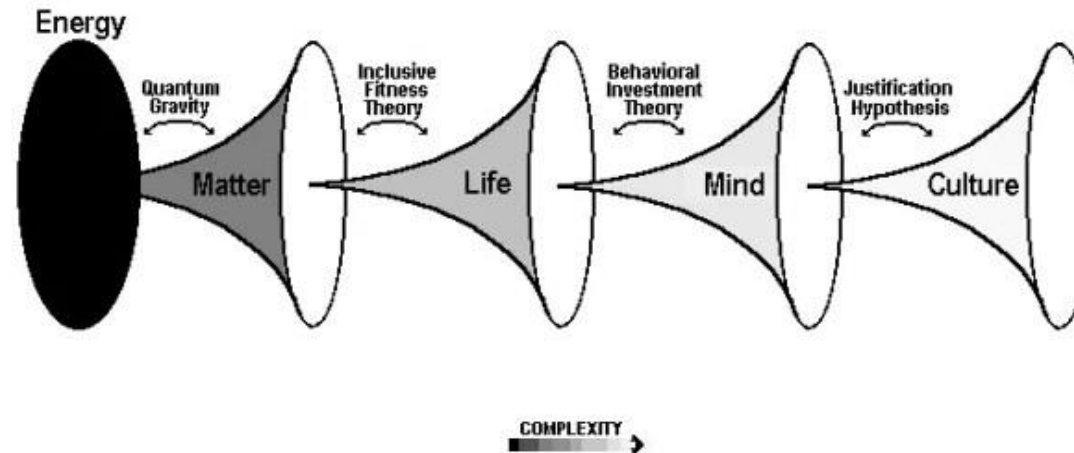


Western Framework

Figure 4

Tree of Knowledge

*FIVE ESSENCES LINKED BY FOUR JOINT-POINTS:
A Five Factor Analysis of Variance
Solution to the Problem of Knowledge*



Gregg Henriques
02/02/2001

The Three Strata of Reality

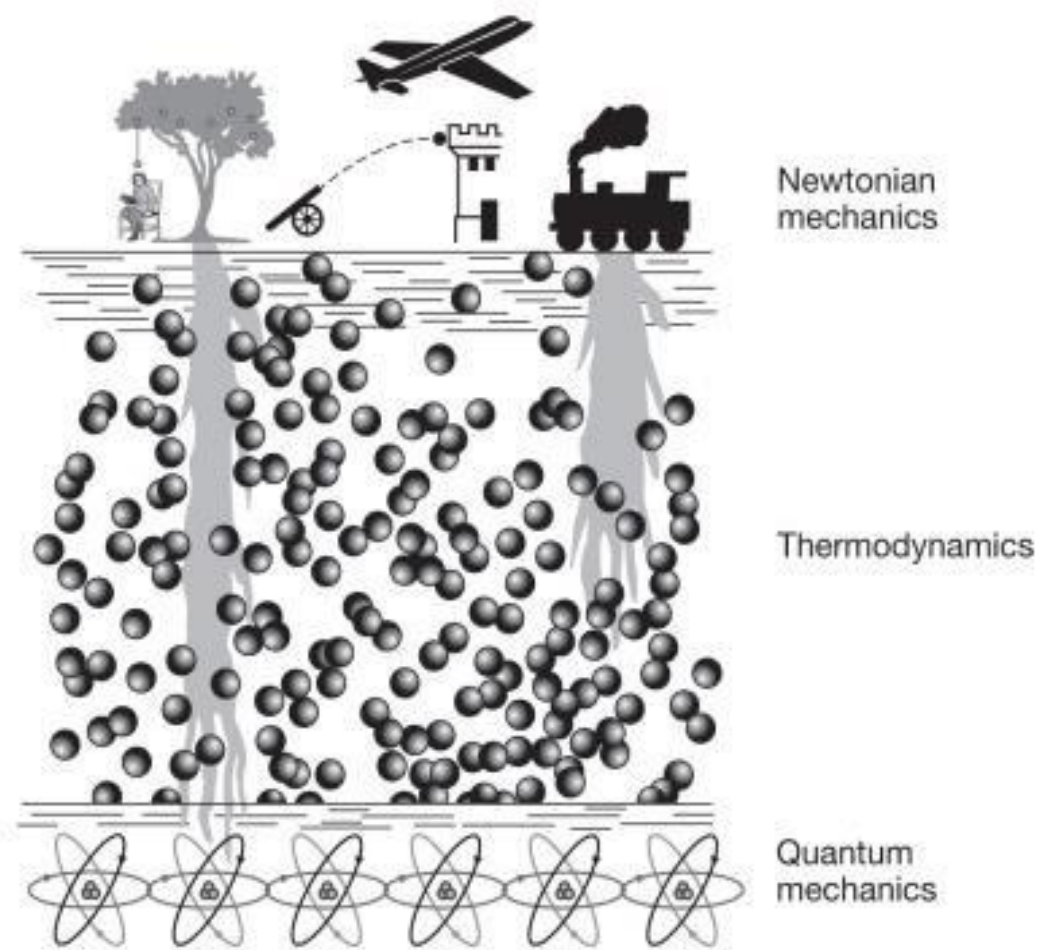
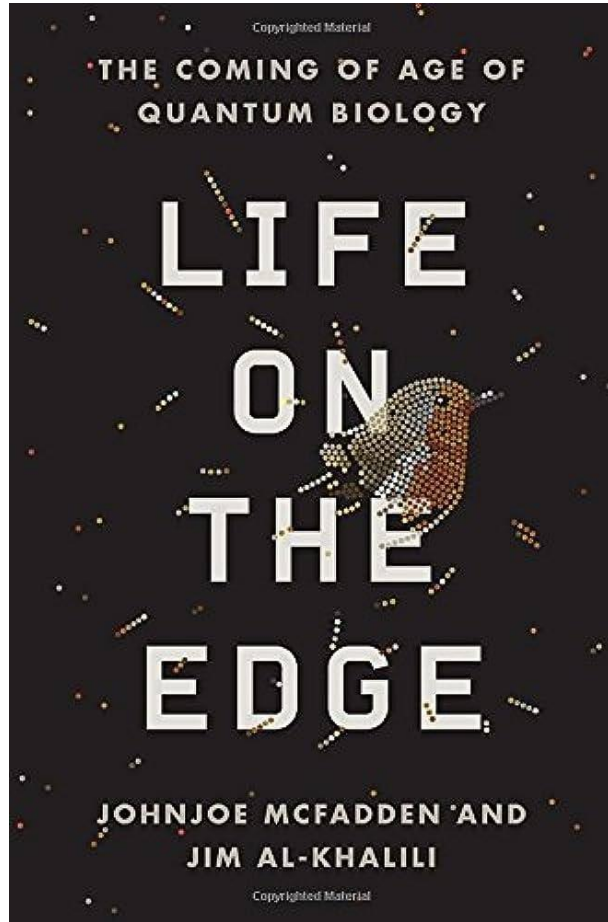
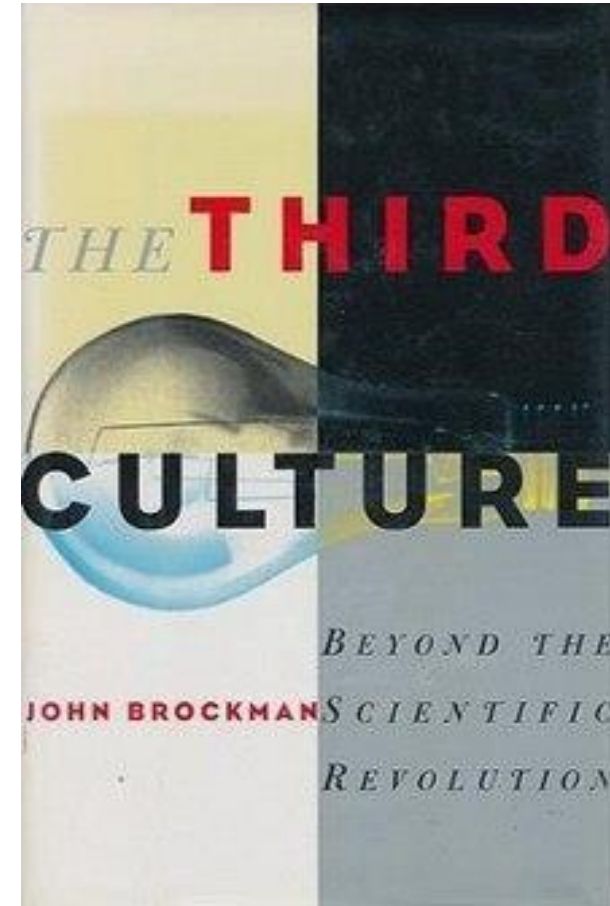
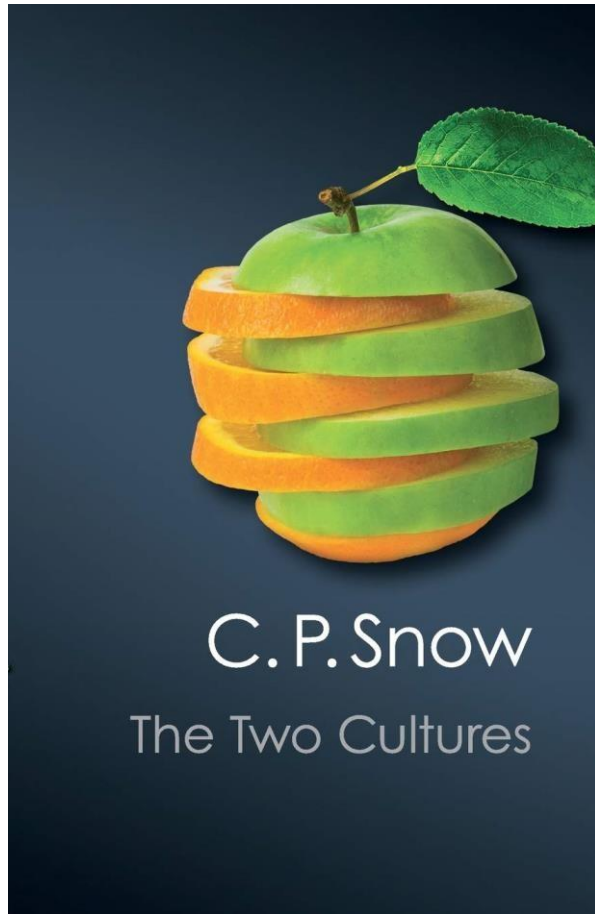
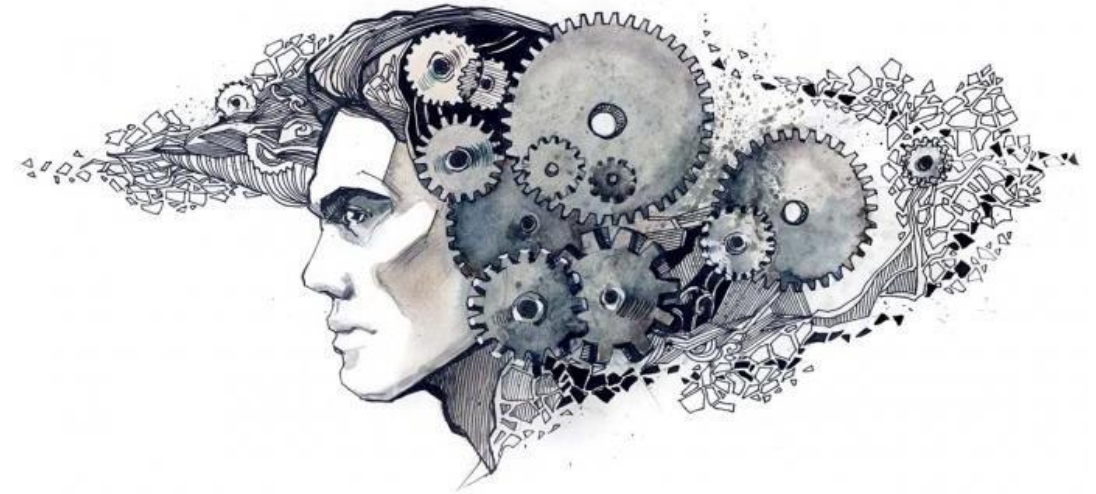
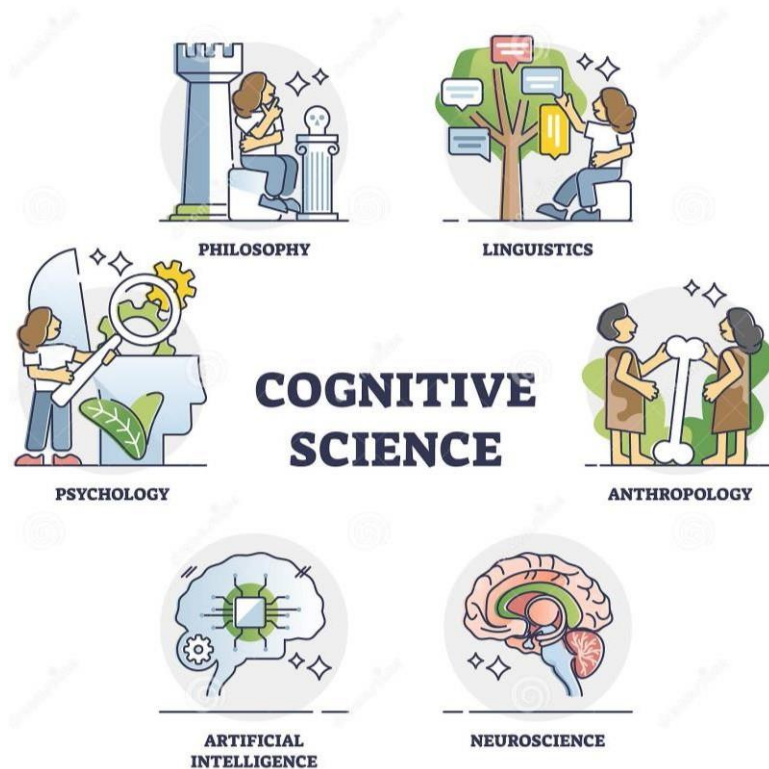


Figure 10.1: The three strata of reality. The top layer is the visible world, filled with objects such as falling apples, cannonballs, steam trains and airplanes, whose motions are described by Newtonian mechanics. Lying beneath is the thermodynamic layer of billiard-ball-like particles whose motion is almost entirely random. This layer is responsible for generating the “order from disorder” laws that govern the behavior of objects such as steam engines. The next layer down is the layer of fundamental particles ruled by orderly quantum laws. The visible features of most of the objects that we see around us appear to be rooted in either the Newtonian or thermodynamic layers but living organisms have roots that penetrate right down to the quantum bedrock of reality.

In 21st Century, Humanities and Science are merging after 300 years.



'Cognitive Science' Revolution

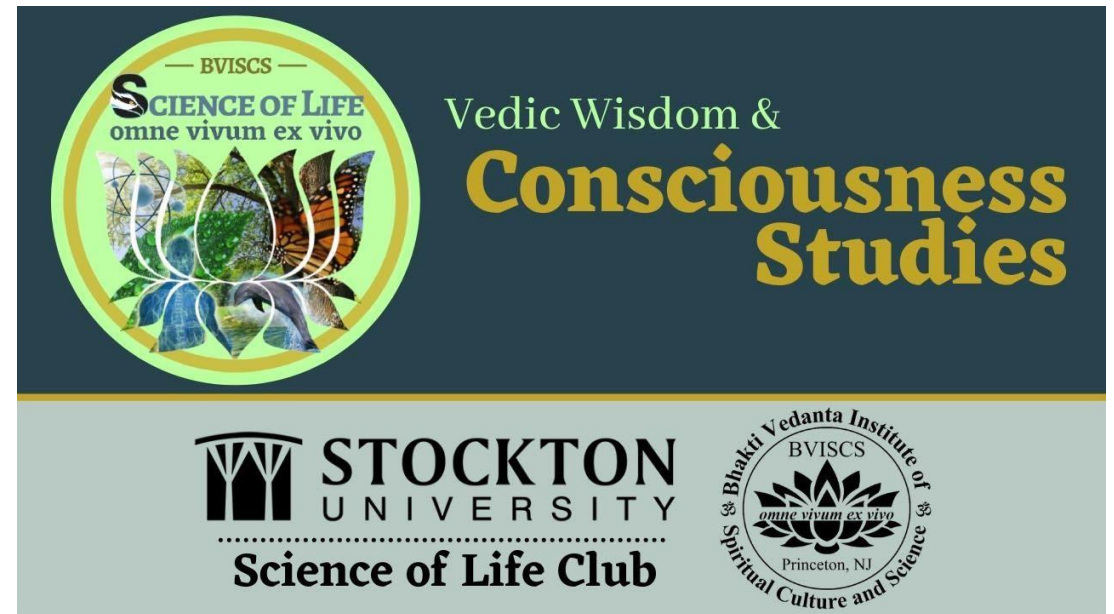


Indic Studies is all about cognitive studies – perception, cognition, consciousness are at the foundation of any art and science in India

Next Frontier : Consciousness Studies



Science of :
Complexity / Intelligence / Knowing



The Most Important Conversation between Indic Studies & Western Thinkers



Nikola Tesla & Swami Vivekananda

Vivekananda (letter dated February 13, 1896):

“

...

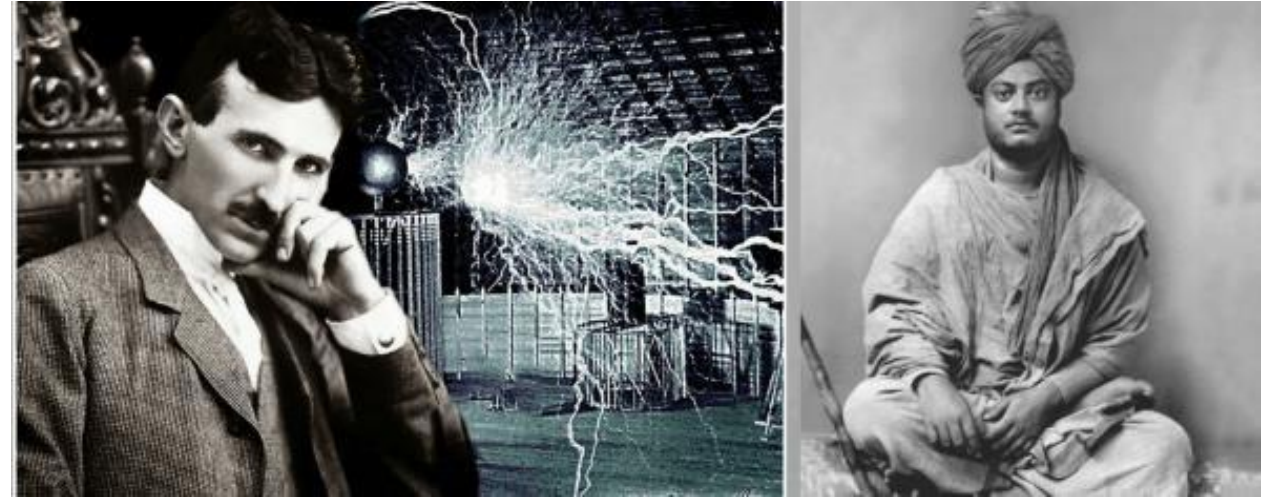
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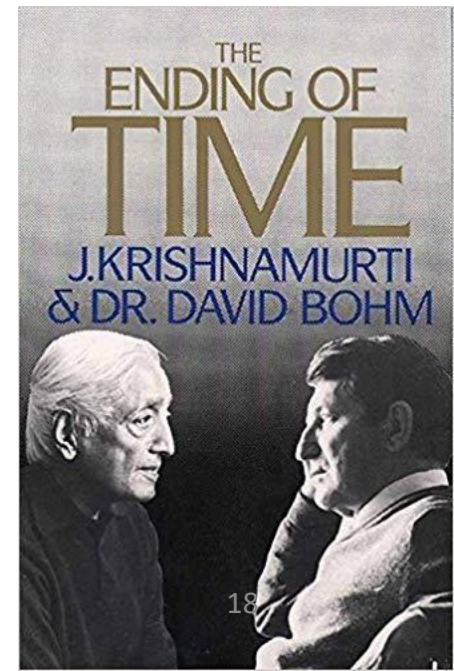
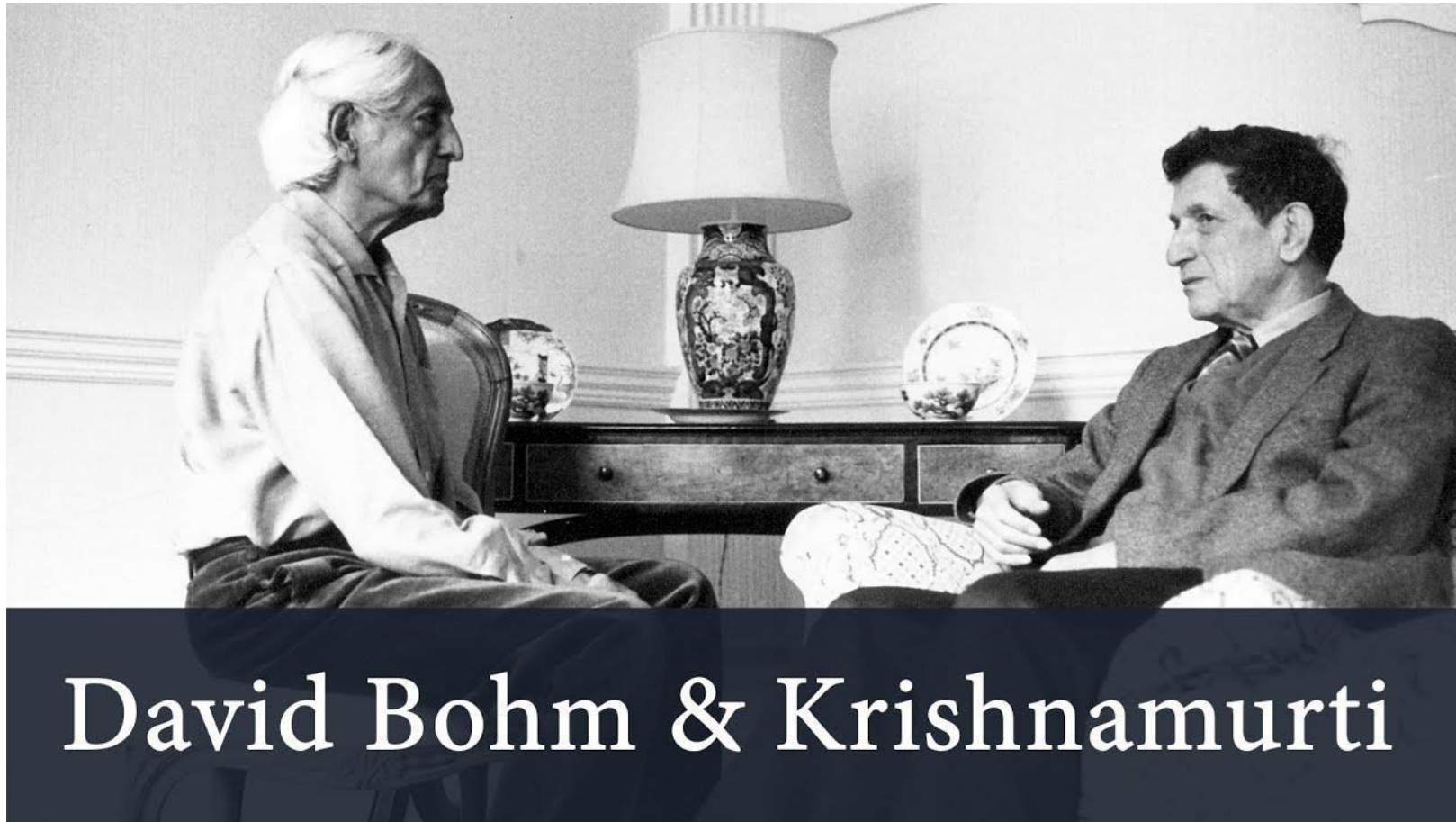
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SCIECNE meets INDIC STUDIES



When Einstein Met Tagore: A Remarkable Meeting of Minds on the Edge of Science and Spirituality

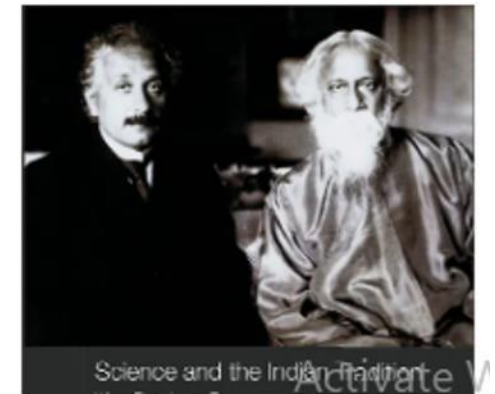
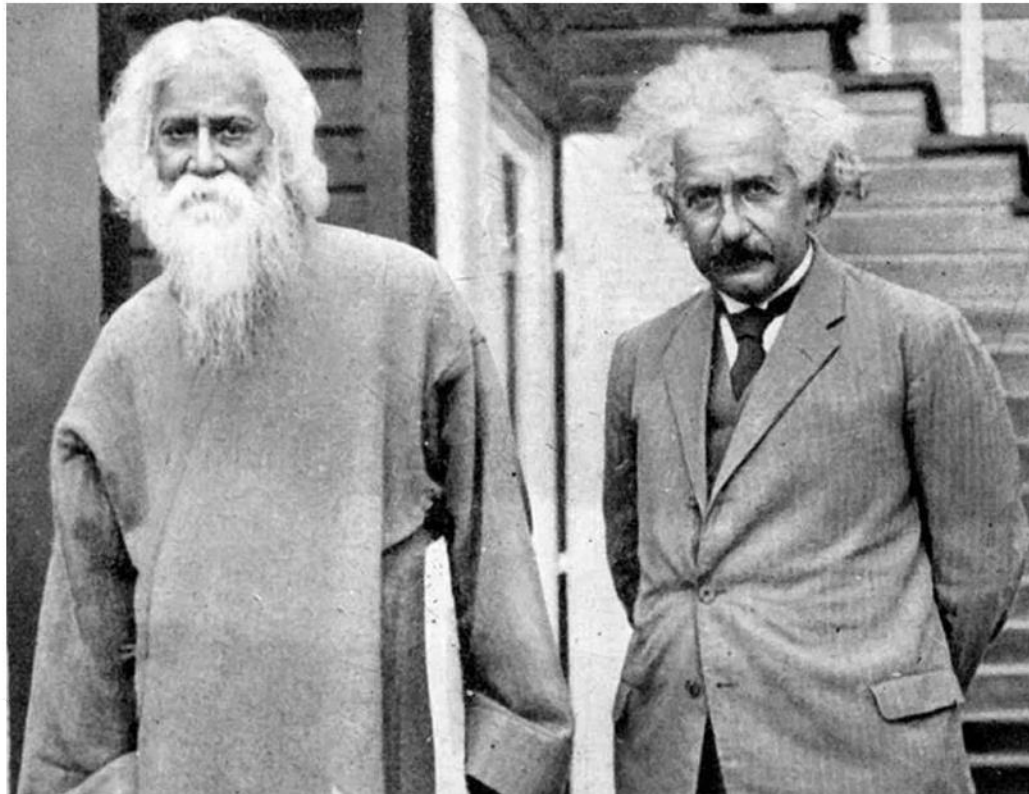
EINSTEIN: Do you believe in the Divine as isolated from the world?

TAGORE: Not isolated. The infinite personality of Man comprehends the Universe. There cannot be anything that cannot be subsumed by the human personality, and this proves that the Truth of the Universe is human Truth.

[....]

EINSTEIN: Then I am more religious than you are!

TAGORE: My religion is in the reconciliation of the Super-personal Man, the universal human spirit, in my own individual being.



The Science of Creative Intelligence

Dialogues with prominent thinkers of the West

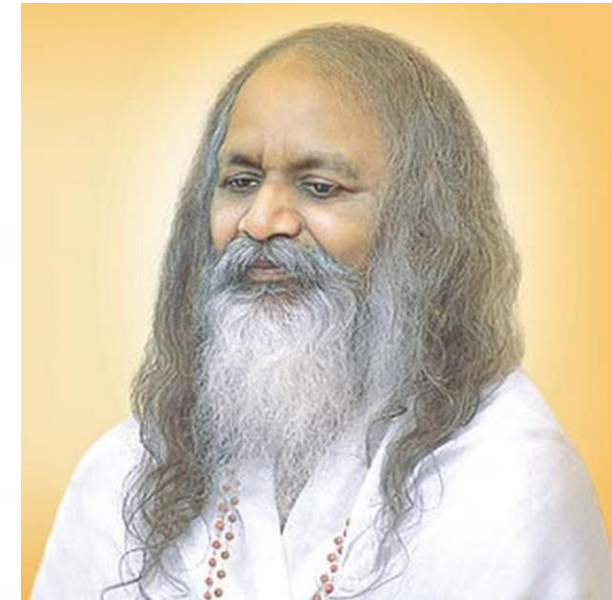
By 1971, the Maharishi had completed 13 world tours, visited 50 countries, and held a press conference with American inventor **Buckminster Fuller** at his first International Symposium on SCI at the University of Massachusetts in Amherst, Massachusetts. From 1970 to 1973, about 10,000 people attended the Maharishi sponsored symposia on his modern interpretation of Vedanta philosophy called Science of Creative Intelligence. During these conferences, held at universities, the Maharishi spoke with "leading thinkers" of the day such as **Hans Selye**,



Buckminster Fuller – Fuller in 1972 • Fuller in c. 1910



Hans Selye – Selye in the 1970s • Bust of Hans Selye at Selye János University, Komárno, Slovakia



Marshall McLuhan, and **Jonas Salk**.



Marshall McLuhan – McLuhan in 1945

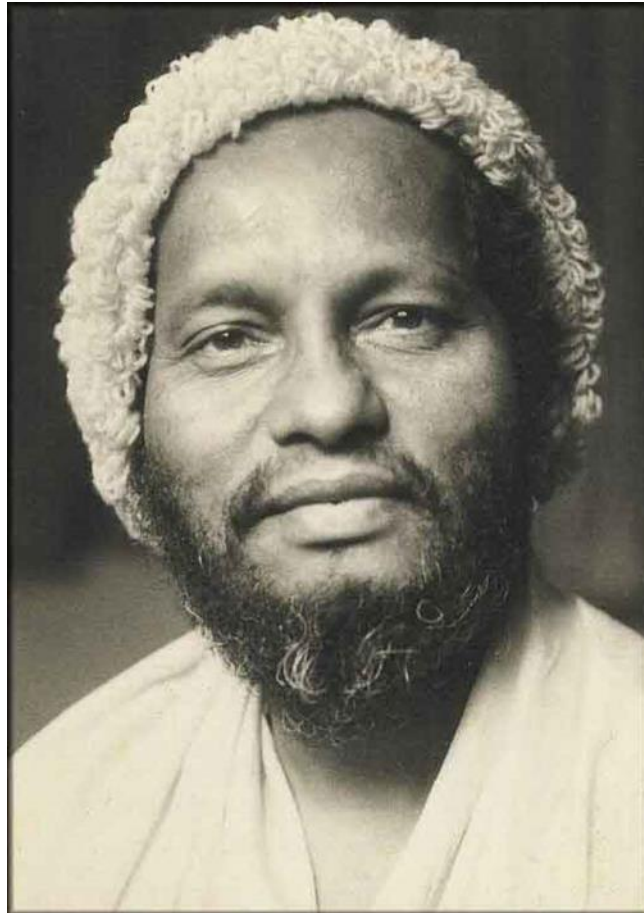


Jonas Salk – Jonas Salk at Copenhagen Airport (May 1959) • President Franklin D. Roosevelt meeting with ...



Fritjof Capra
Austrian-American physicist
08-Aug-23

Swami Muktananda



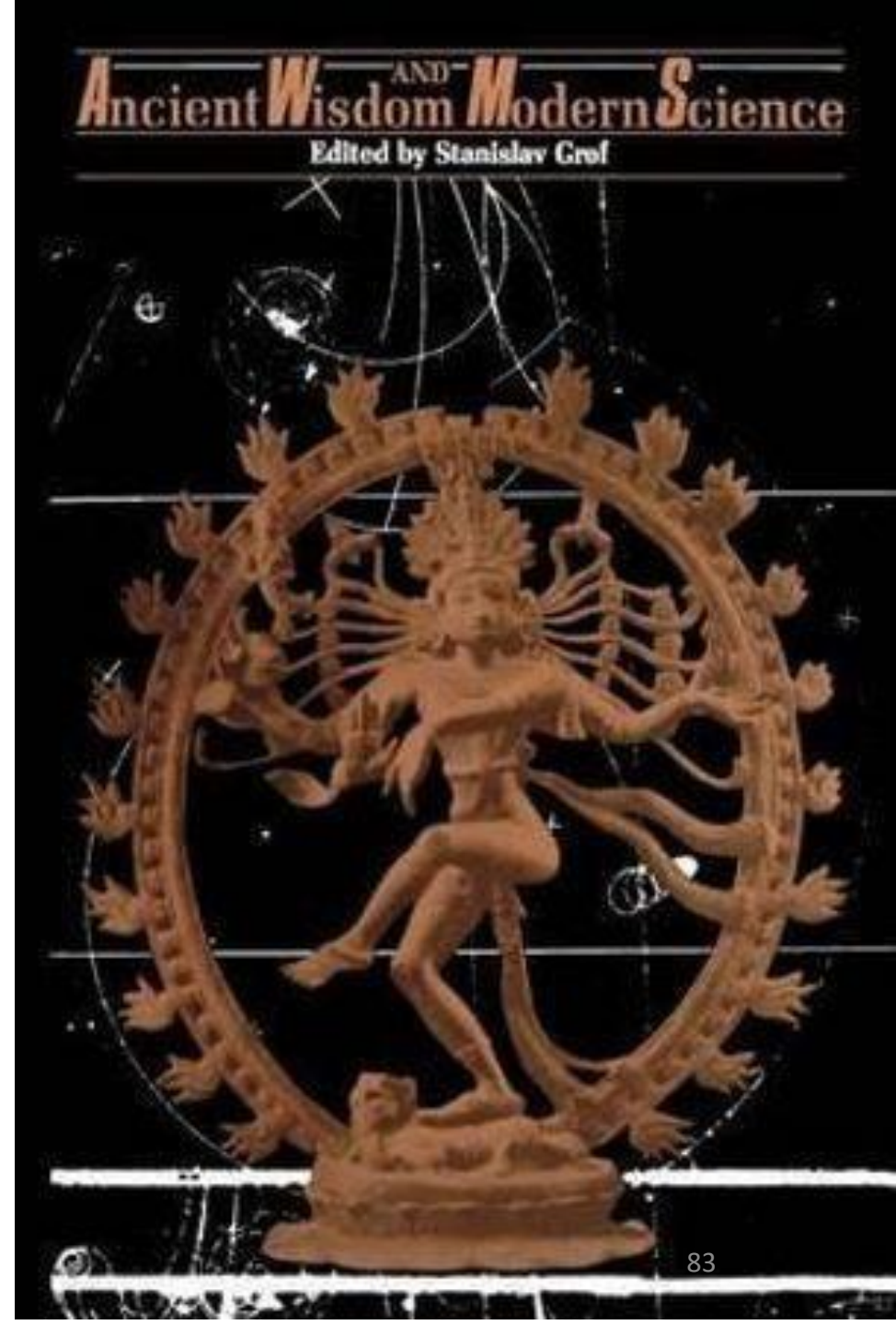
Dr Ram Sharma



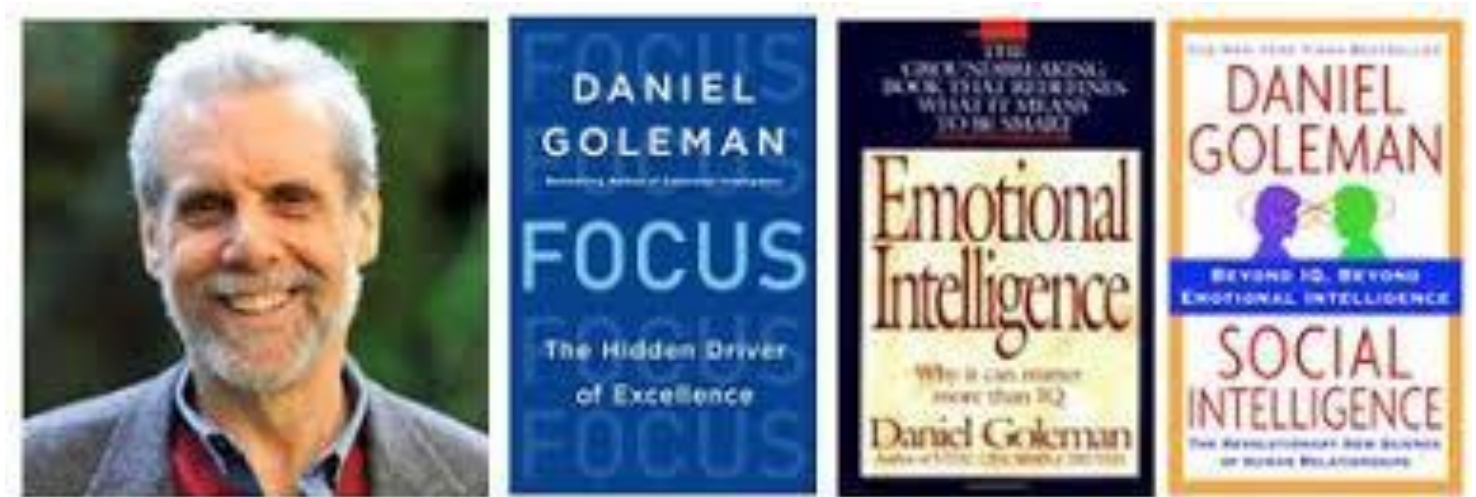
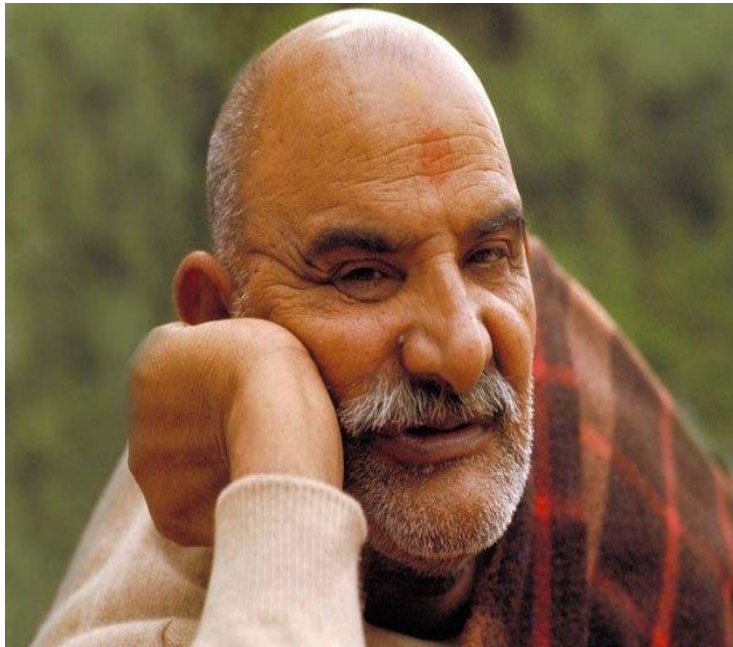
Stanislav & Christina Grof
(Transpersonal Psychologist)

Contents

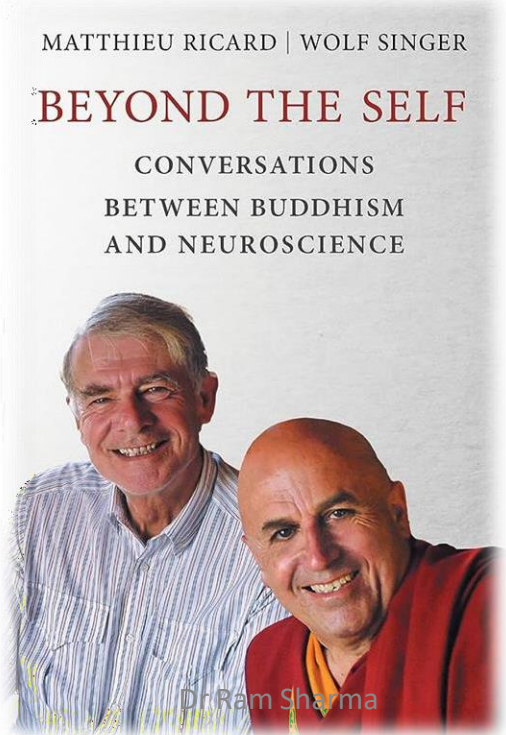
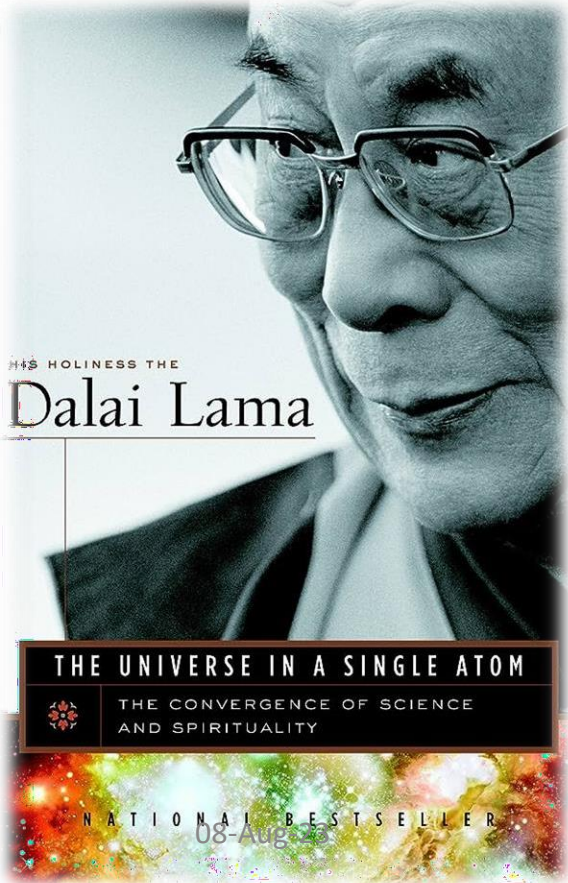
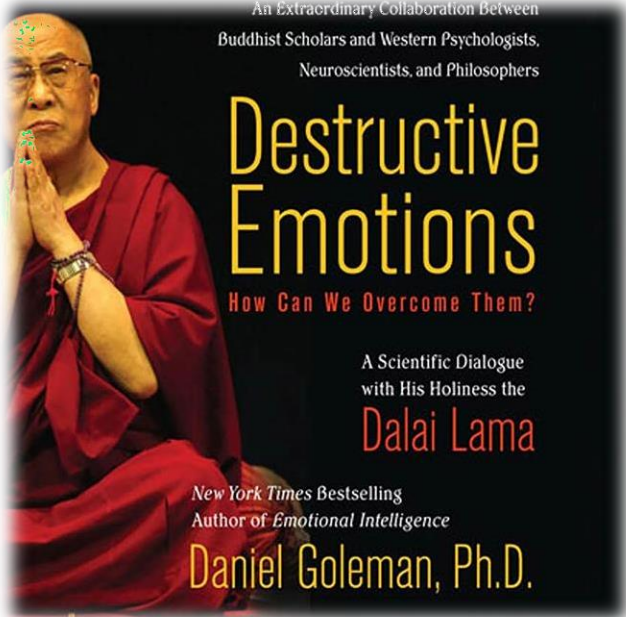
Preface	vii
Part I Introduction	
1 East and West: Ancient Wisdom and Modern Science <i>Stanislav Grof</i>	3
2 The Transpersonal Perspective <i>Frances Vaughan</i>	24
Part II Ancient Spiritual Traditions	
3 Understanding Your Own Mind <i>Swami Muktananda</i>	35



Daniel Goleman



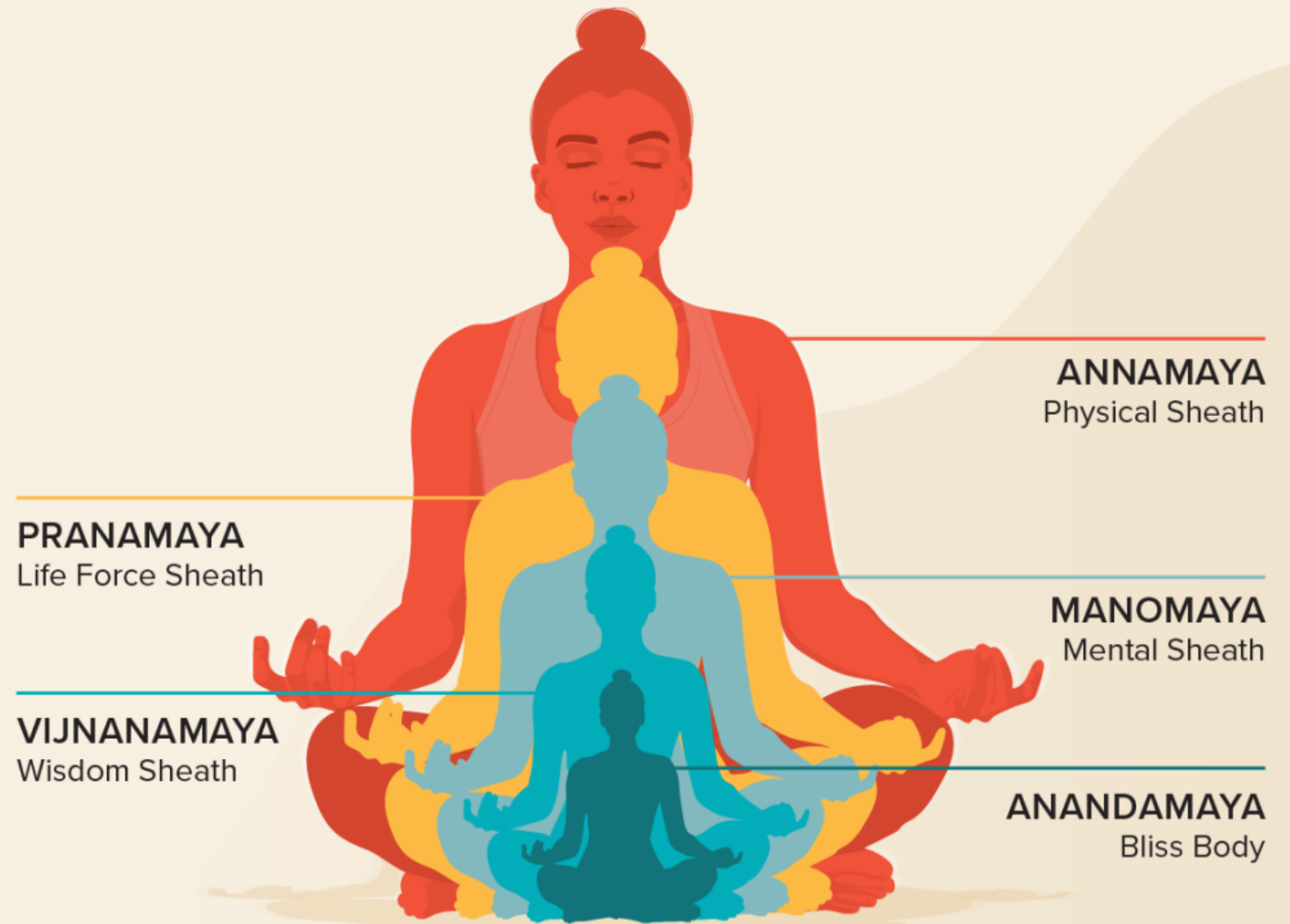
Dalai Lama and Neuroscientists



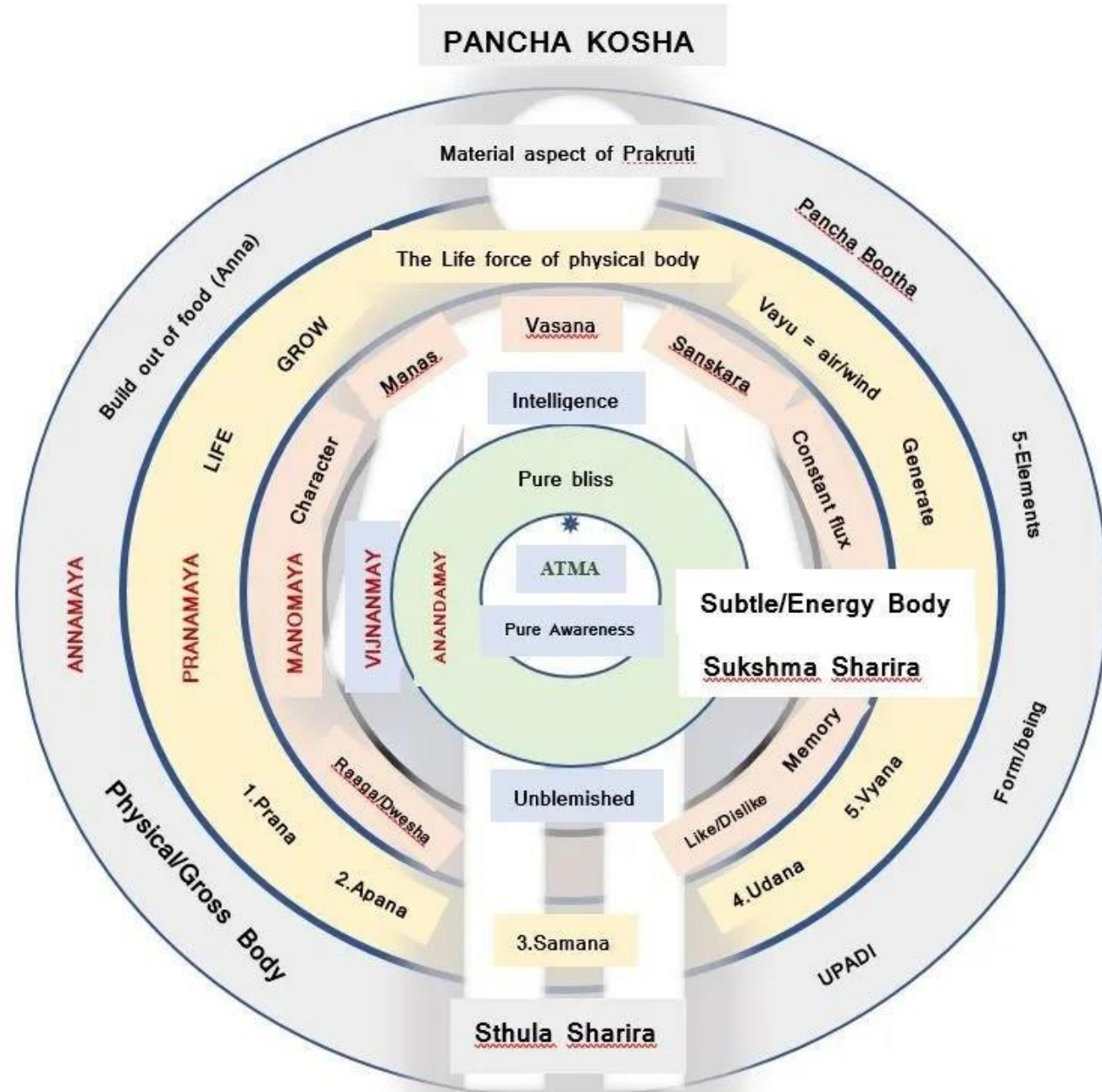
Five Levels of VEDIC Sciences

Indic Framework : Pancha Kosha

THE 5 KOSHAS



Indic Framework : Pancha Kosha



Five Elements

ETHER



FIRE



AIR



EATH



WATER



Hierarchy or Levels of Elements

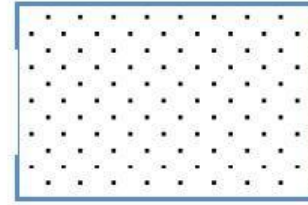
From this same self,
'ether' has arisen;
from 'ether', 'air';
from 'air', 'fire';
from 'fire', 'water';
from 'water', 'earth'.

- Taittiriya Upanisad

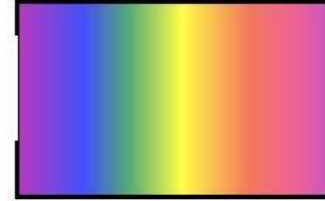


Five Qualities

Ether



Aeriality



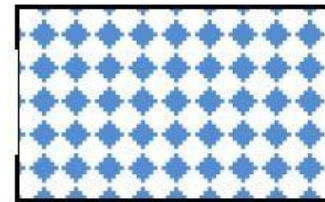
Fire



Liquidity



Earth



Five Elements

Traditional element

'Earth'

'Water'

'Fire'

'Air'

'Ether'

A modern interpretation

Matter

Energy

Information

Conditioning

Continuity

Level of modern physics

Material objects

Changing configuration

Relative observations

Conditioned fields

Space time continuum

Kinds of Information Processing

Examples

Inanimate Processing



Thermostat, Computer

Biological Processing



Living Organisms

Neural Processing



Animals

Processing Internal Representations



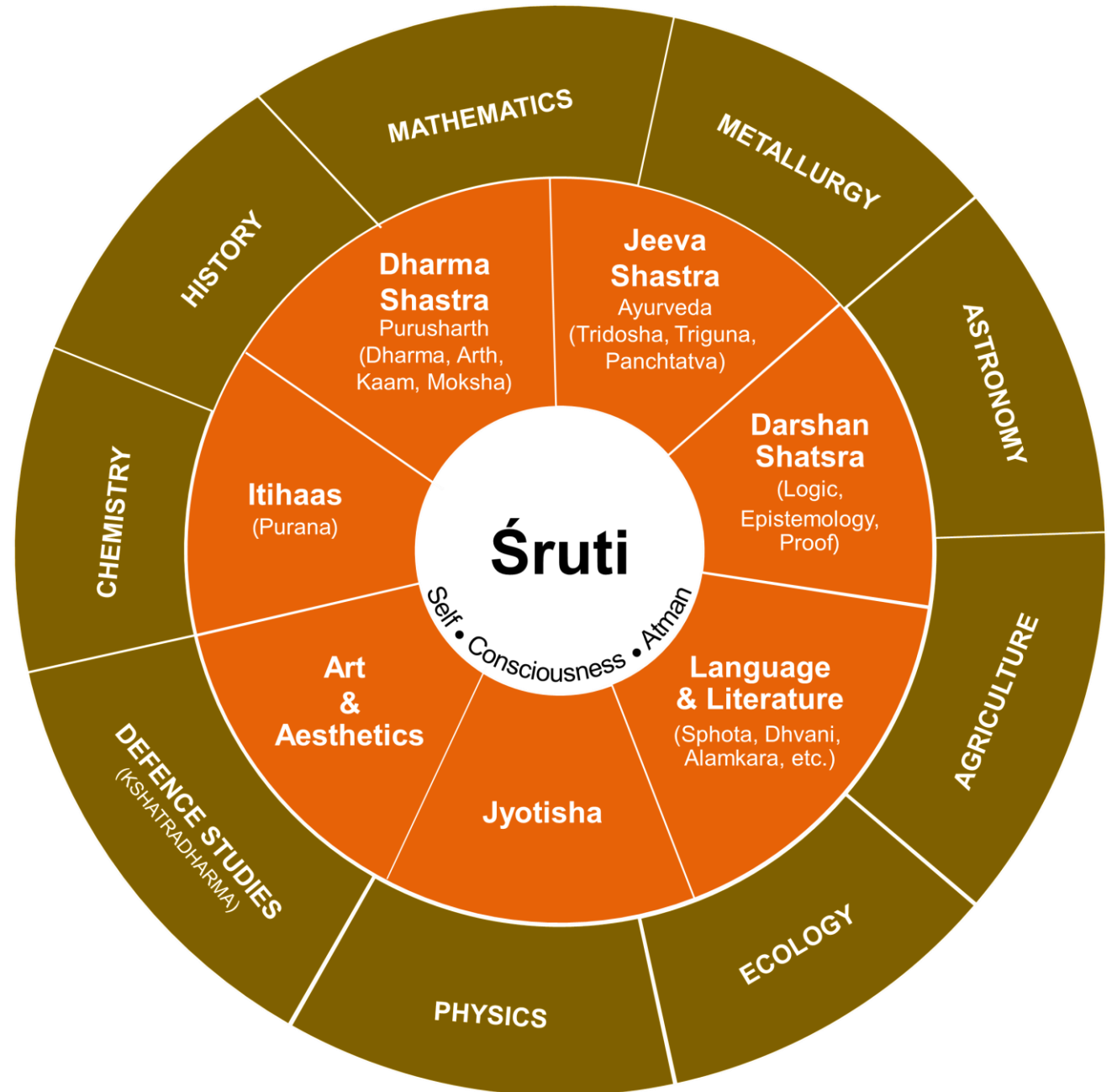
Birds, Mammals

Five Levels of Experience

Appearance of reality	Perceiving instrument	Examining disciplines	Level of physics
Pieces of matter	Physical body	Physical sciences	Material objects
Patterns of energy	Living organism	Biological sciences	Transforming configurations
Meaningful information	Conceiving intellect	Cultural sciences	Relative descriptions
Conditioned character	Intuitive judgement	Psychological science	Field conditioning
Continuing existence	Reflective reason	Philosophical enquiry	Space-time continuum

Non-dual consciousness

IKS FRAMEWORK

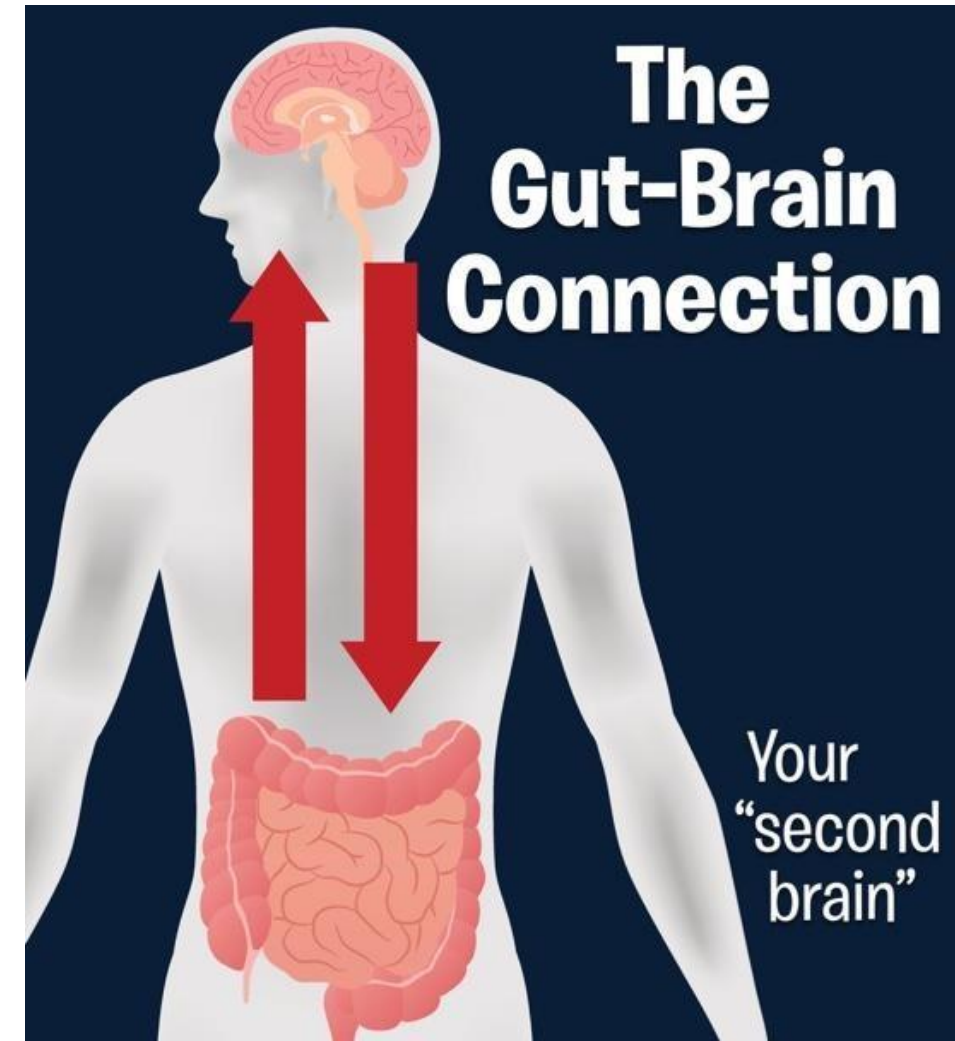


Itihaas vs History
 Manas vs Mind
 Loka vs Planet
 Bhava vs Mood

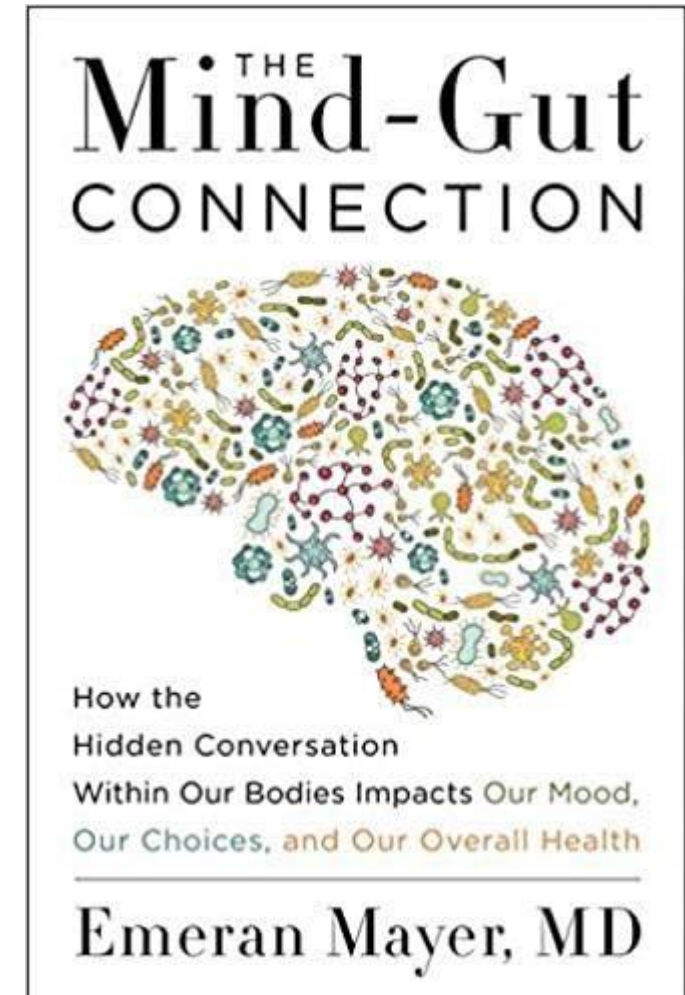
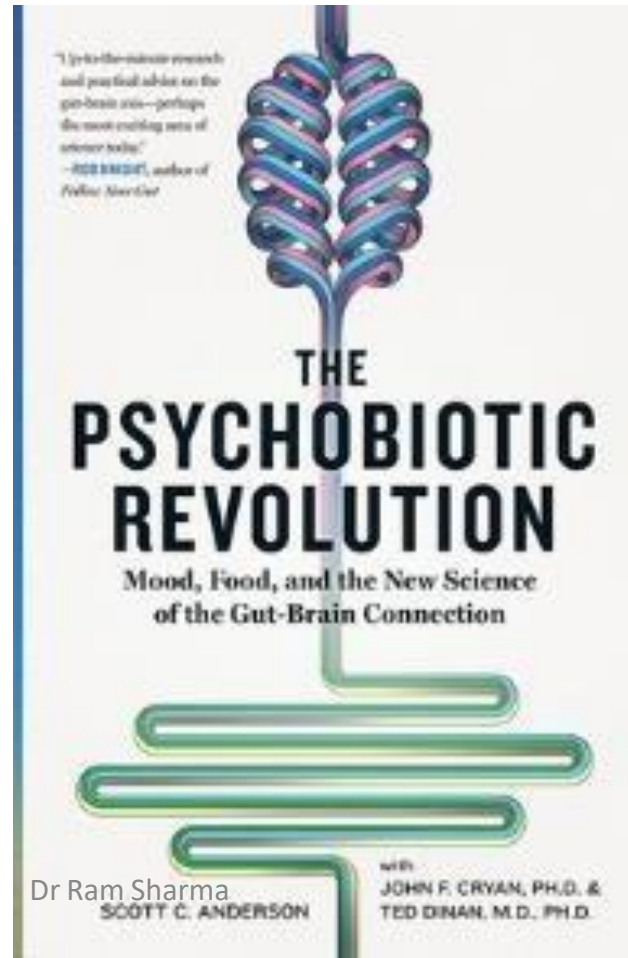
TEN Examples

Indic Insights and Latest Scientific Discoveries

1. How food affects your MIND and MOOD ?

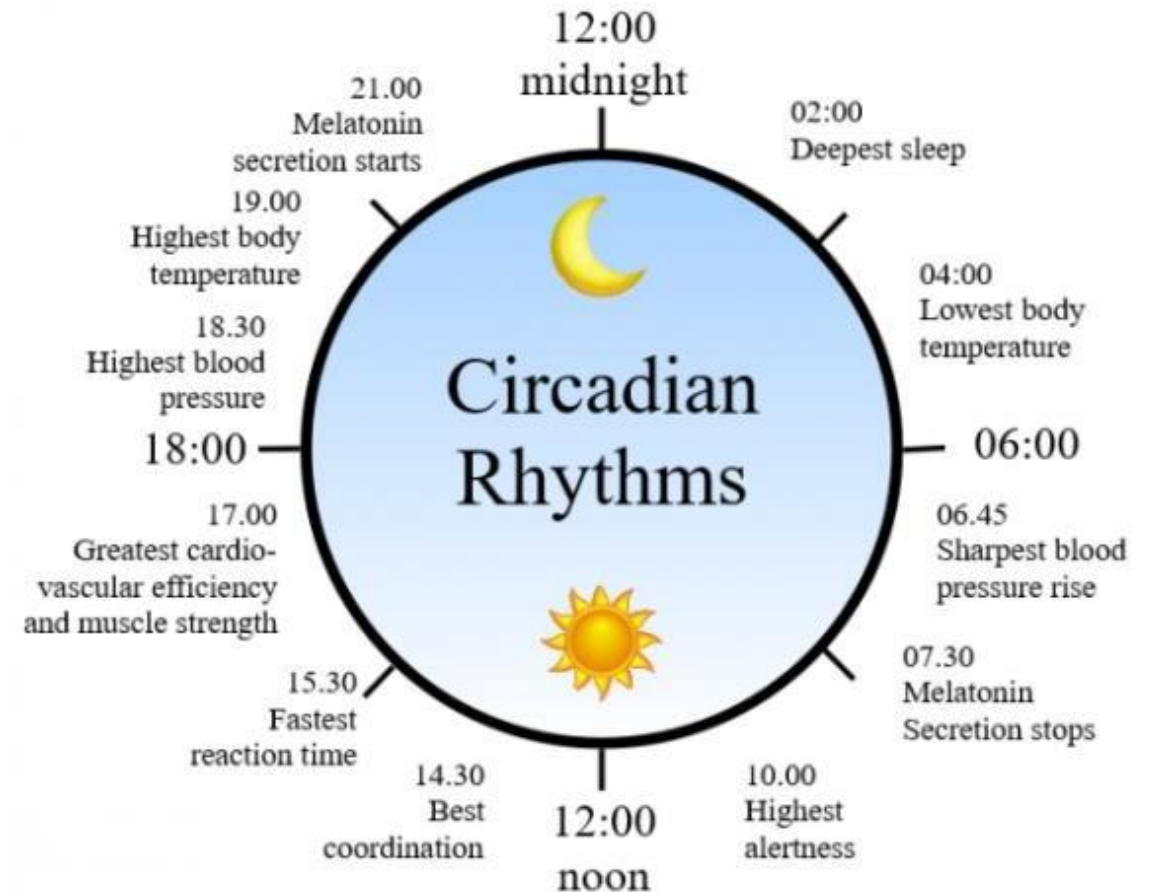


How food affects your MIND and MOOD ?

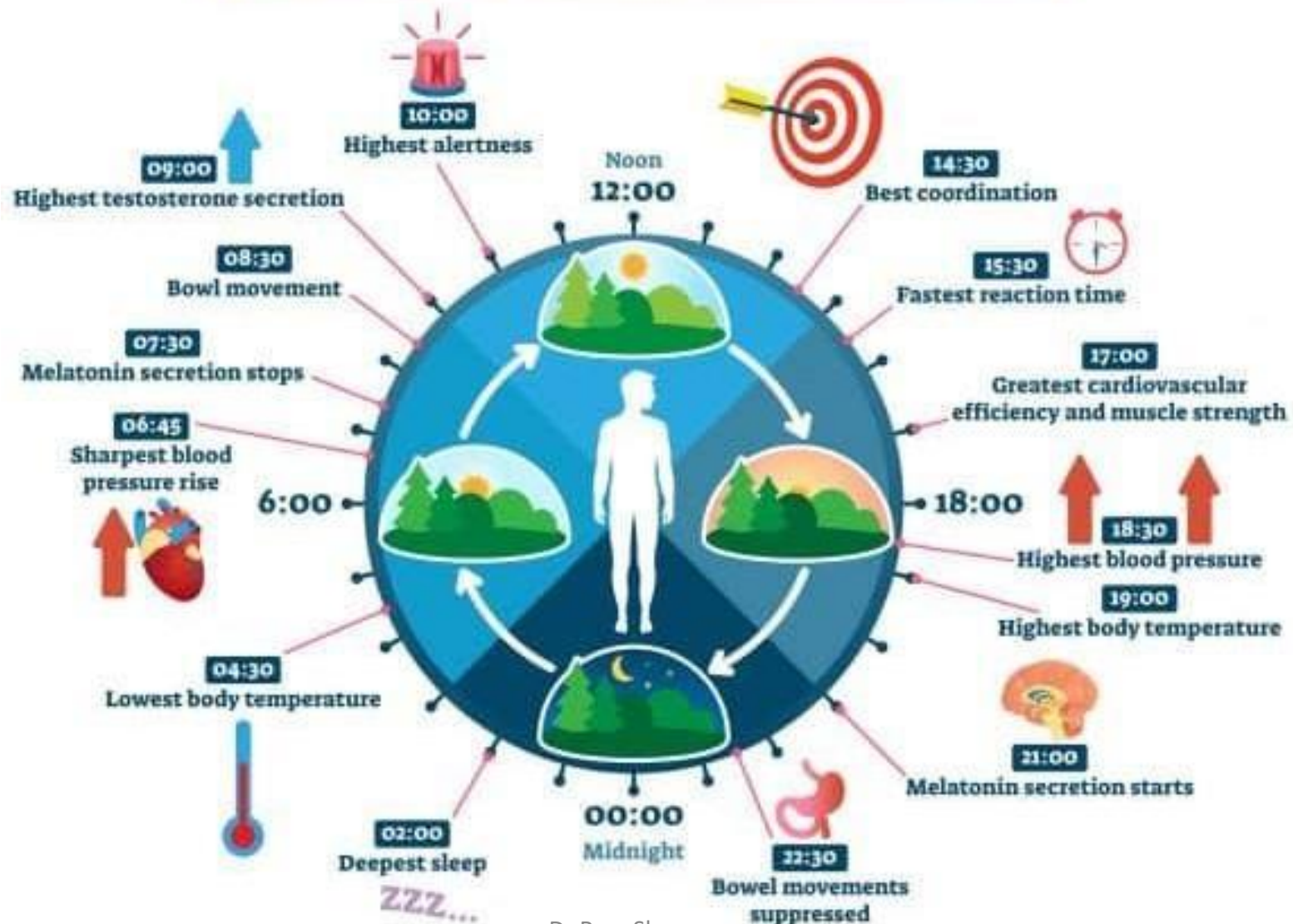


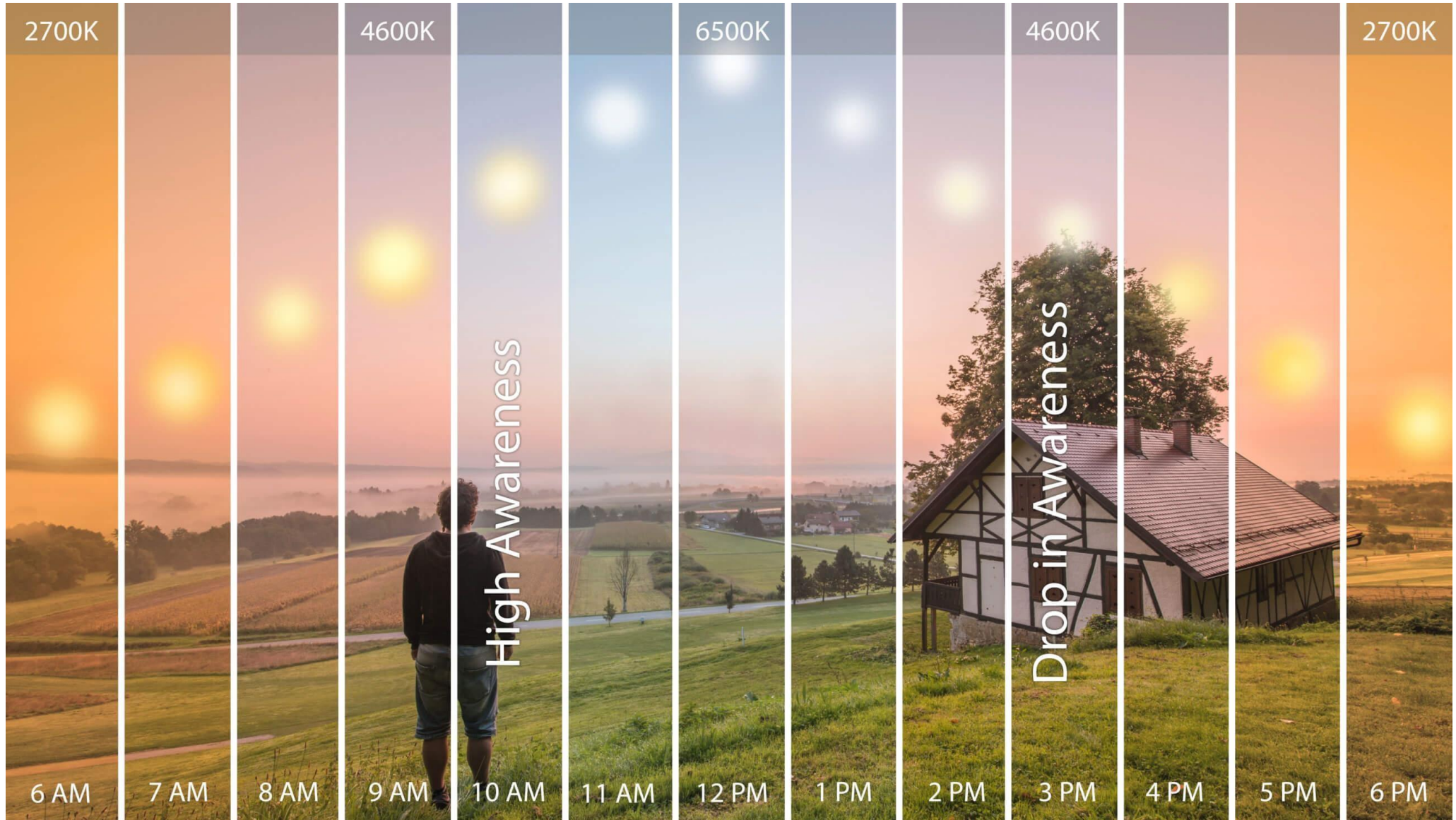
2. Circadian Rhythms

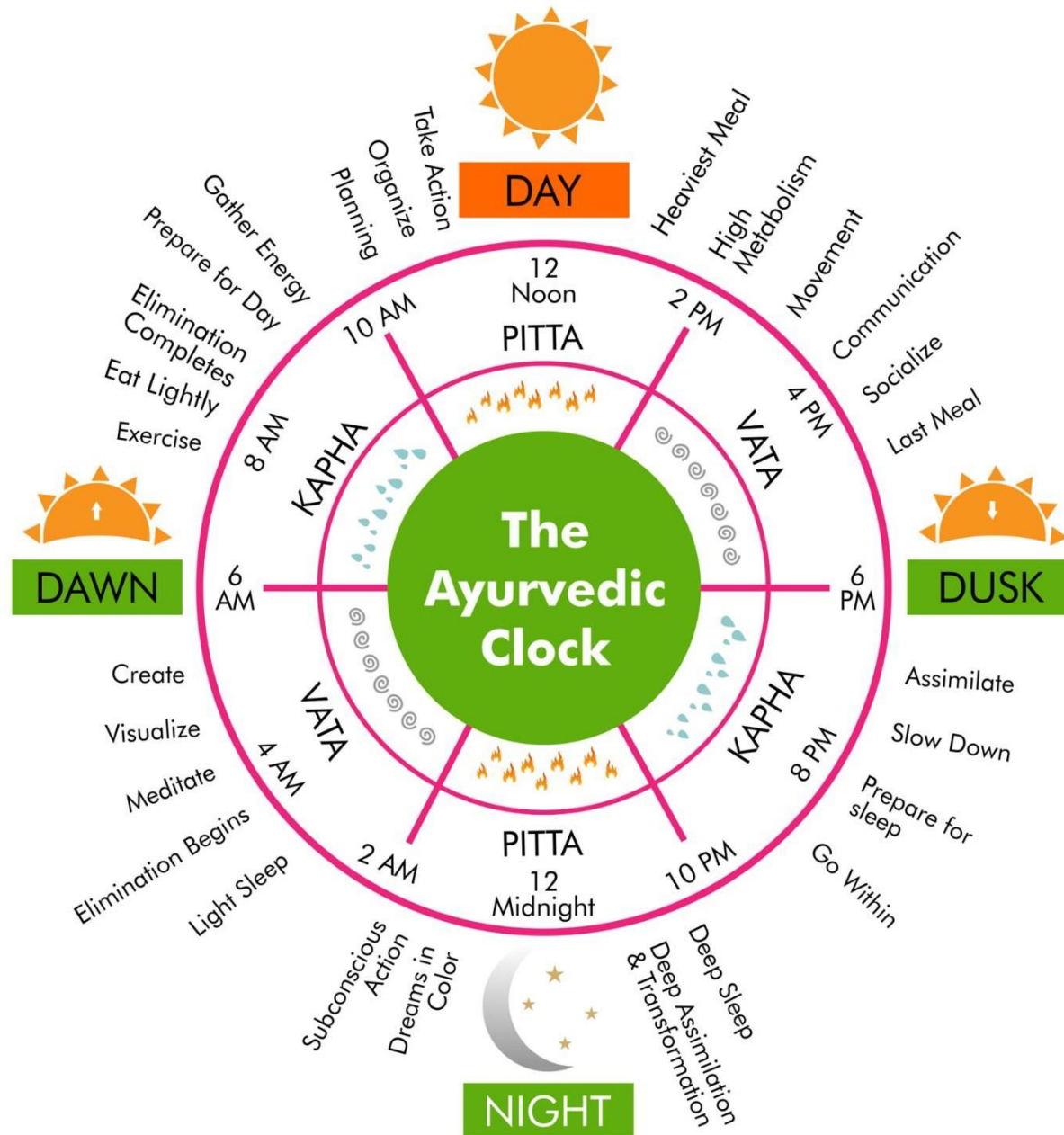
Circadian rhythms are **physical, mental, and behavioral changes that follow a 24-hour cycle**. These natural processes respond primarily to light and dark and affect most living things, including animals, plants, and microbes. Chronobiology is the study of circadian rhythms.



CIRCADIAN RHYTHM



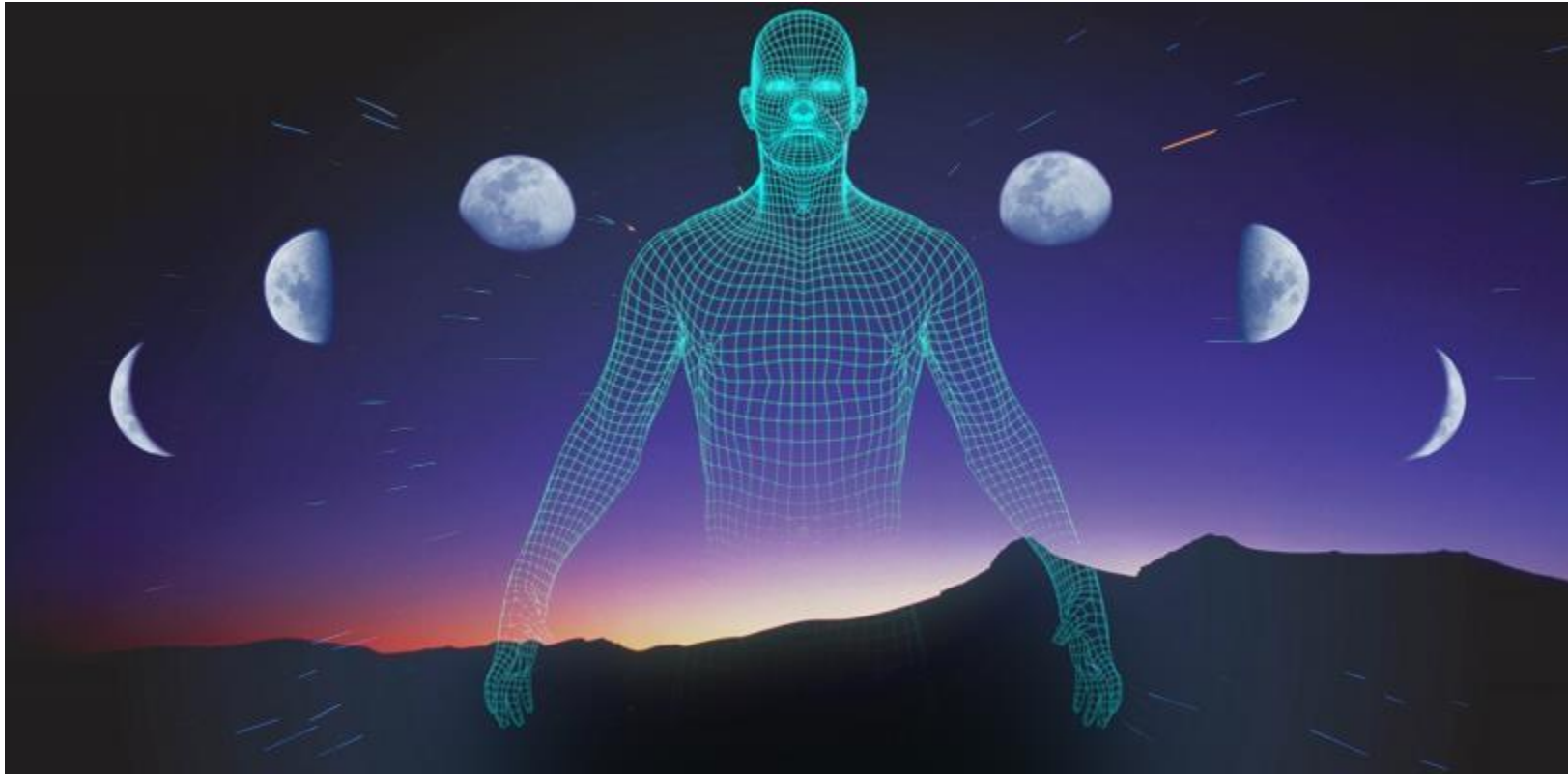




SUN & Digestive Fire (Jatharagni)

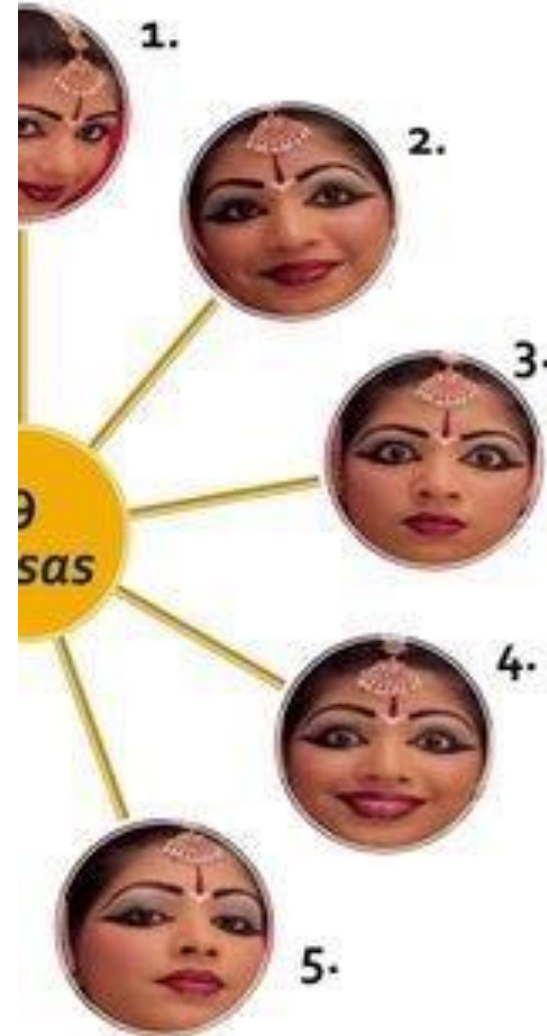
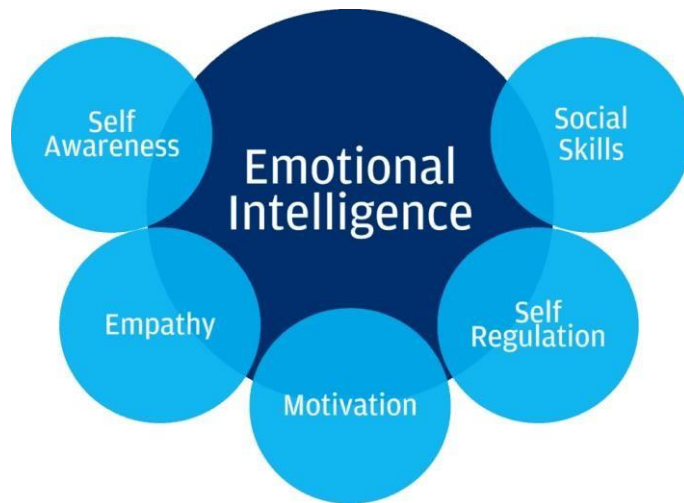


3. MOON & MIND connection





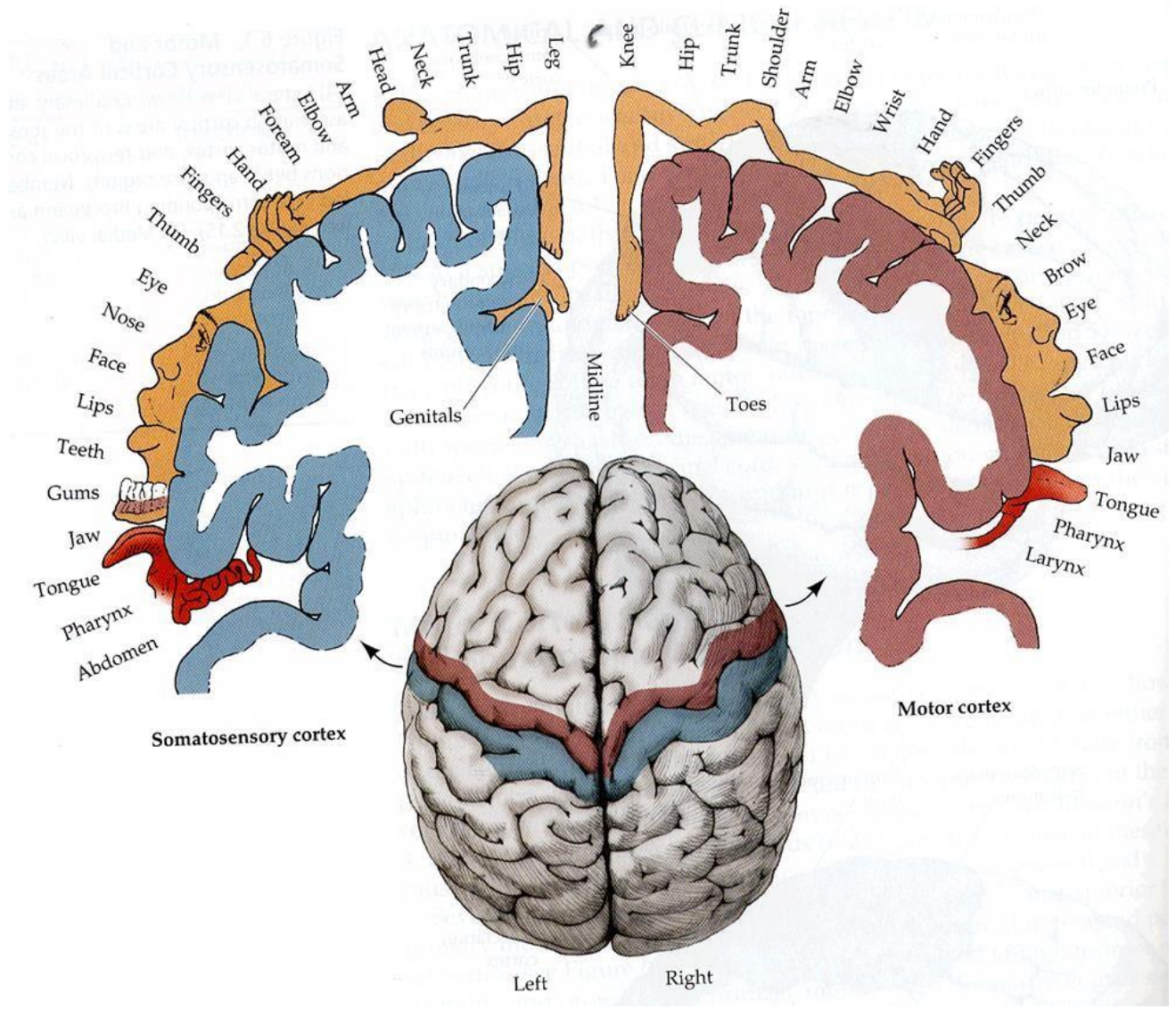
4. Emotional Intelligence



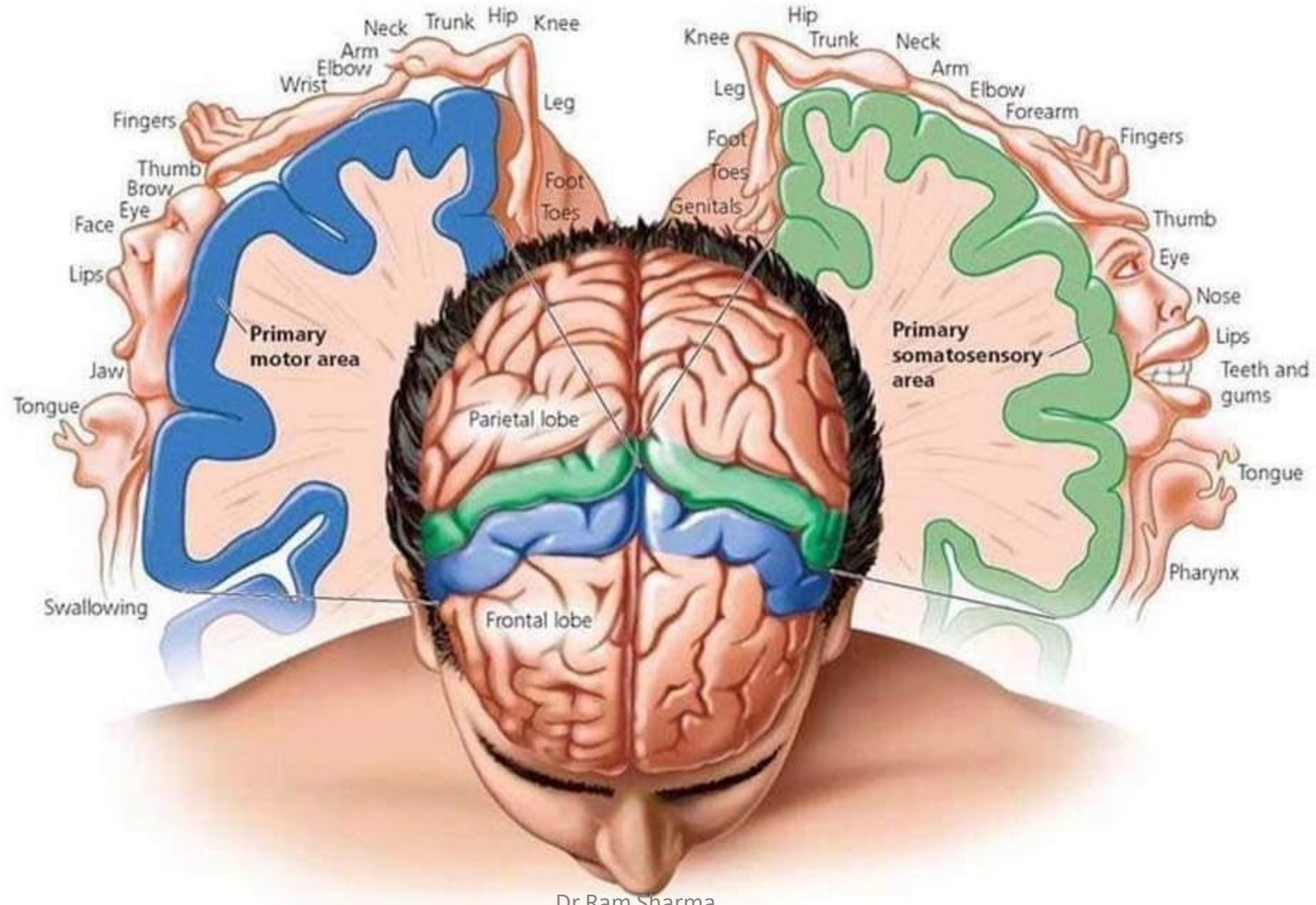
Navarasas (Nine Rasas)
1. <i>Sringaram</i> (Erotic)
2. <i>Hasyam</i> (Comic)
3. <i>Raudram</i> (Rage)
4. <i>Adbhutam</i> (Marvellous)
5. <i>Veeram</i> (Heroic)
6. <i>Bibhatsam</i> (Odious)
7. <i>Bhayanakam</i> (Terror)
8. <i>Karunayam</i> (Pathos)
9. <i>Santam</i> (Peace)

5. Brain-Homunculus- or-Little-Man

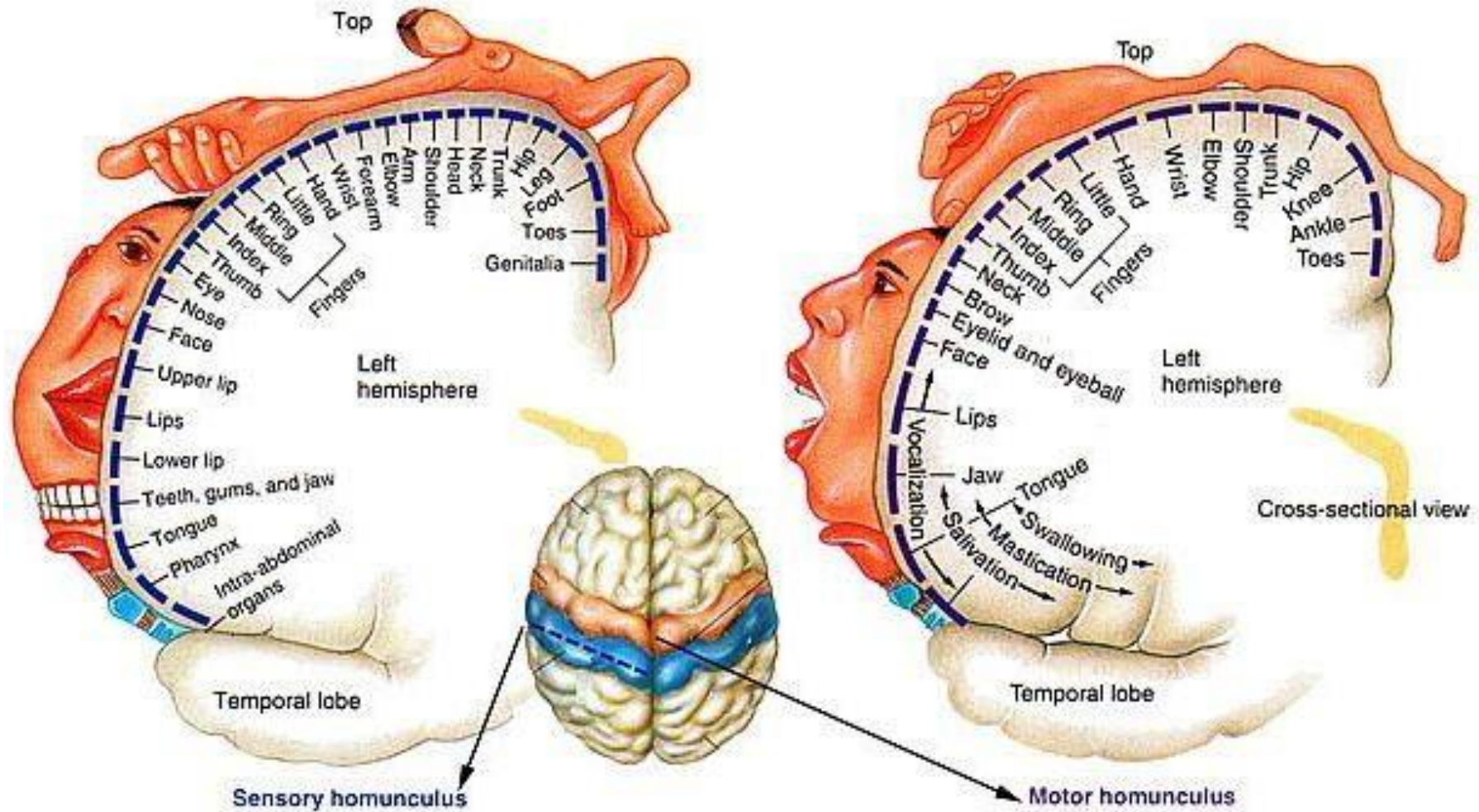
The Body Map



The Body Map



The Body Map



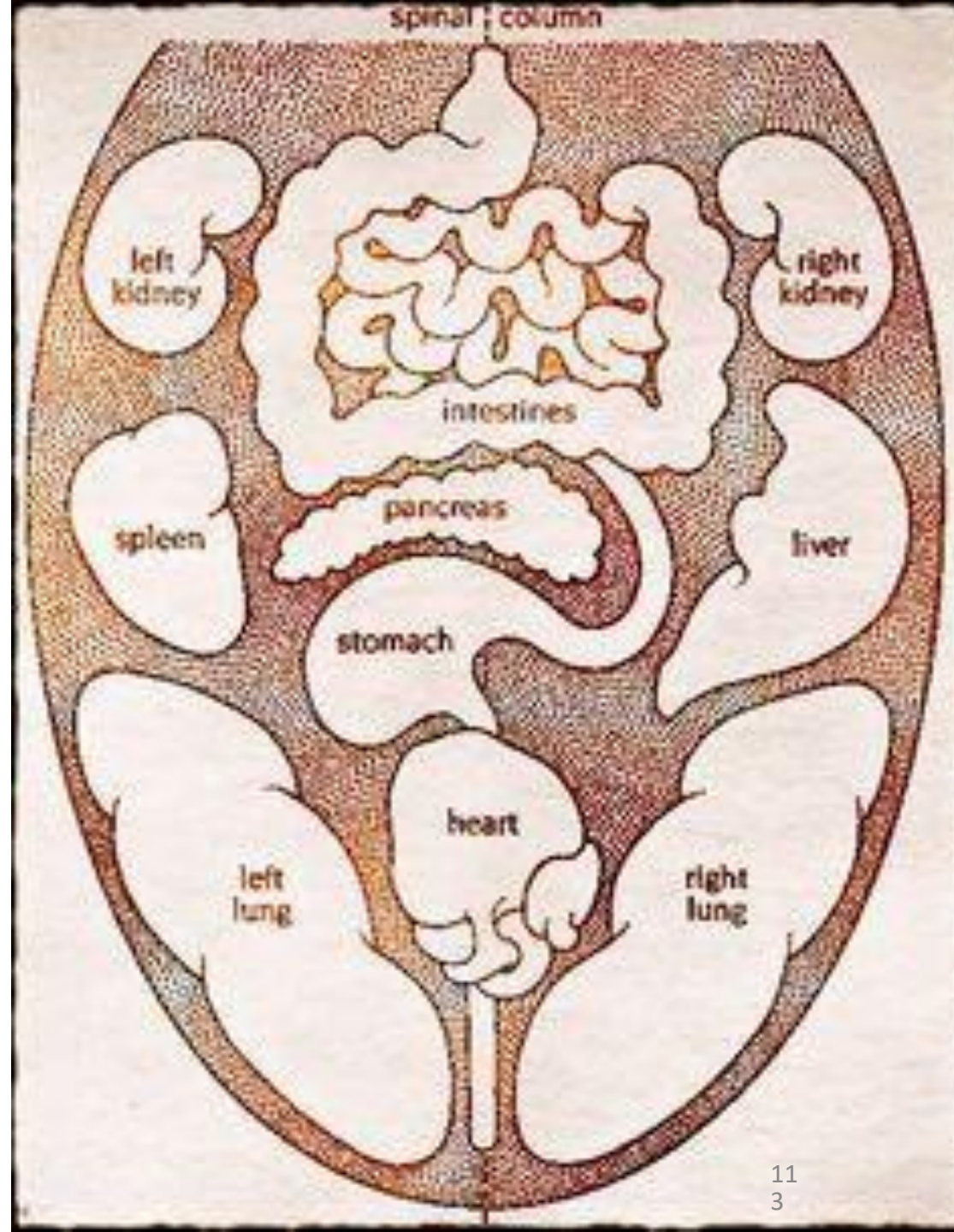
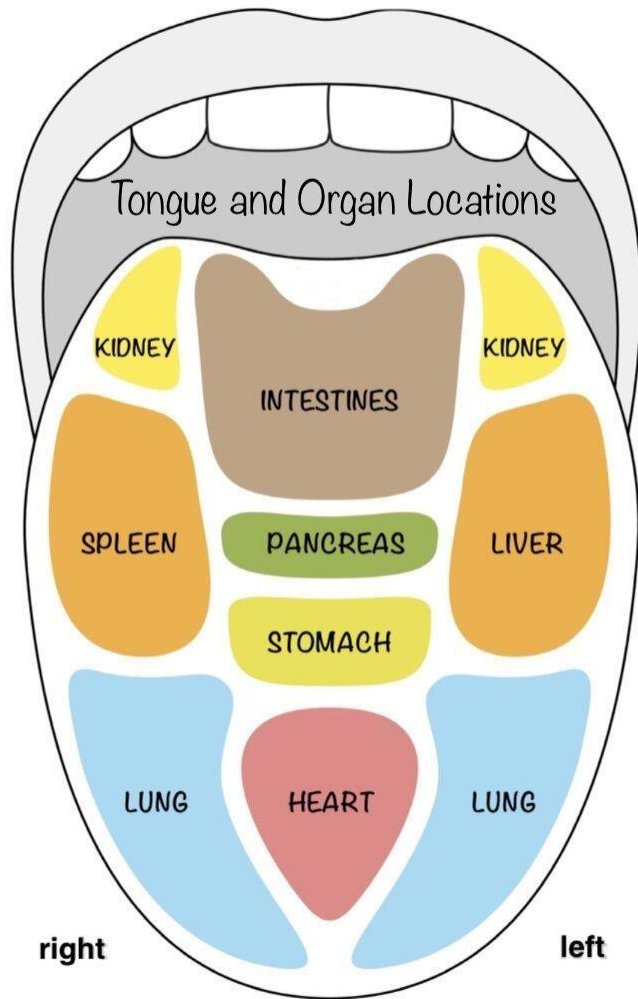
3-D sensory and motor homunculus models at the Natural History

The sensory receptors in your body are distributed unevenly. They are densely concentrated in the body parts where you need high acuity and dexterity, and sparse in parts where superior sensory resolution isn't paramount.

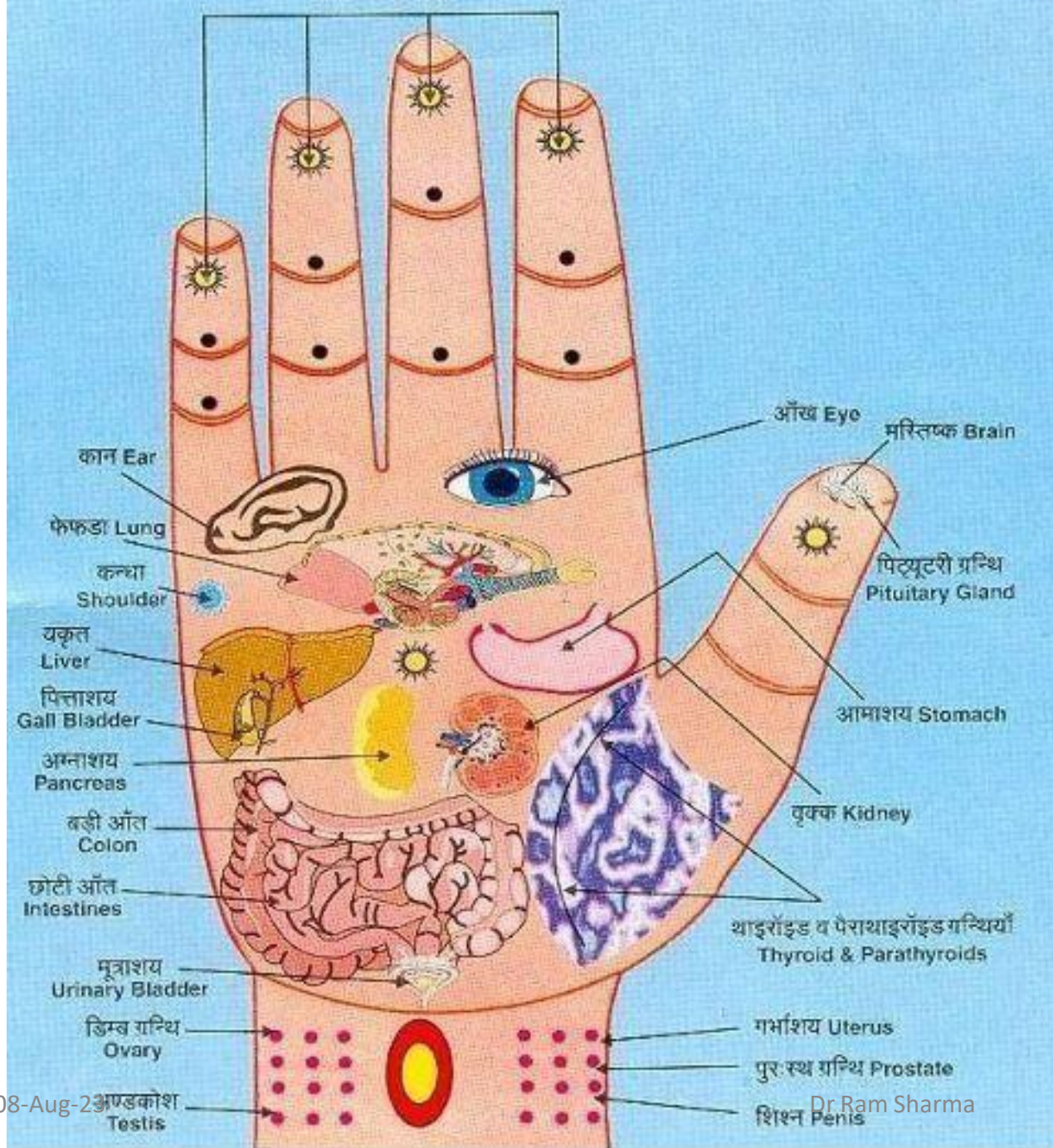


Body Mapping : Ayurveda

Tongue Mapping



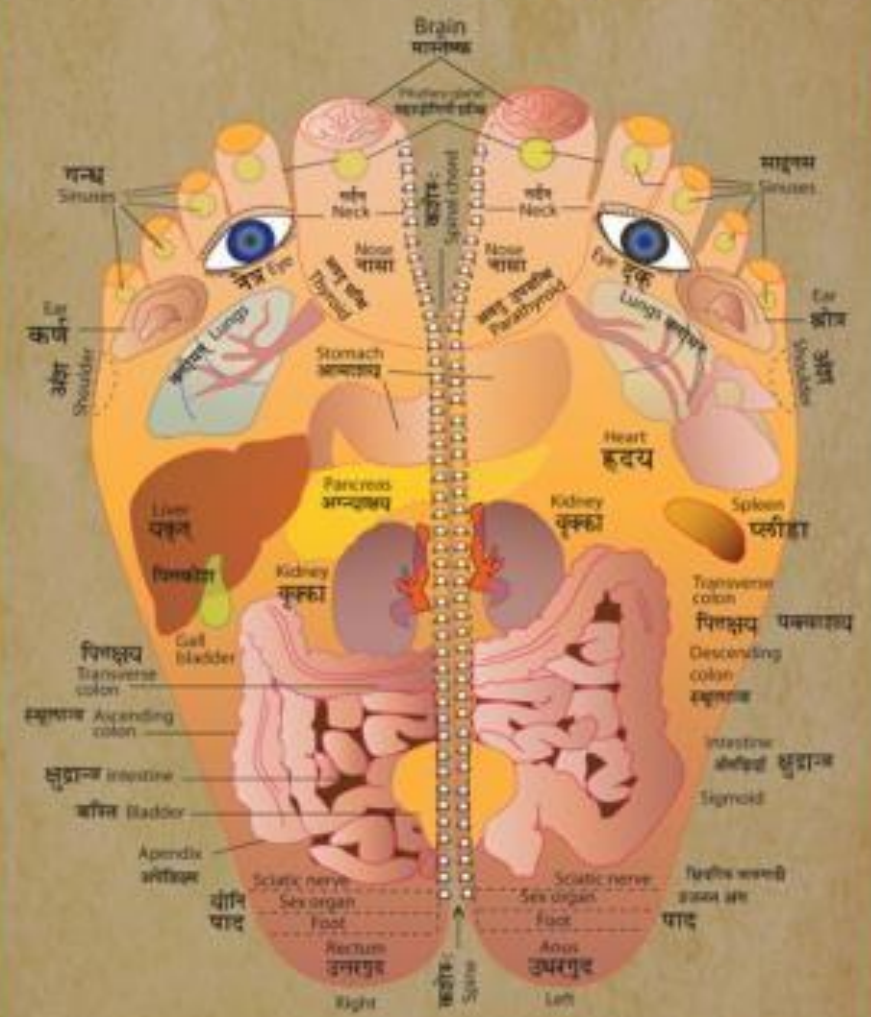
साइनस Sinus



08-Aug-23

Dr Ram Sharma

द्वयुपाचरद्वीट ठिठ रदीदरठोठद्वयु

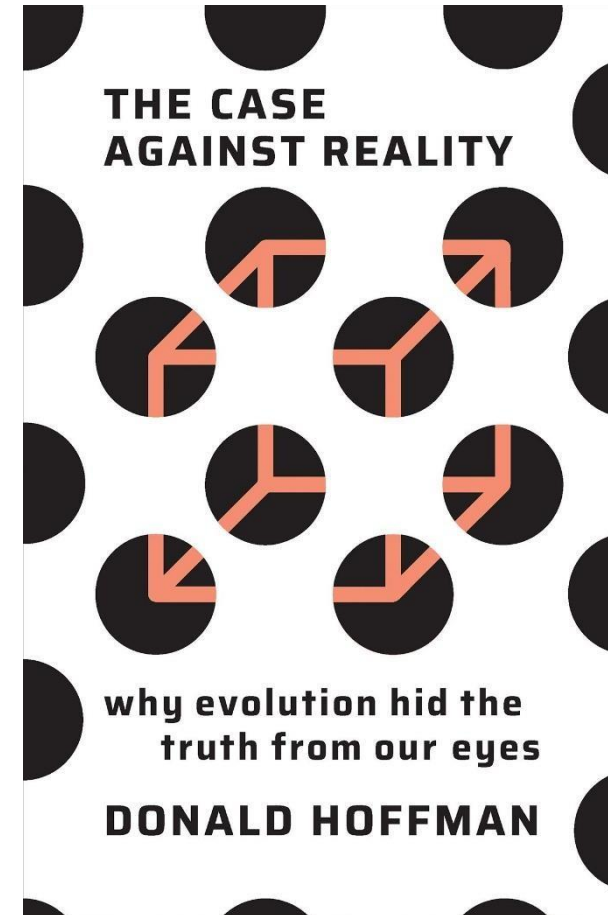


www.ayurvedaposters.com

6. REALITY

Science is catching up to these
Five Levels of Vedic Sciences

We do not see reality as
it is, but filtered by our
senses.

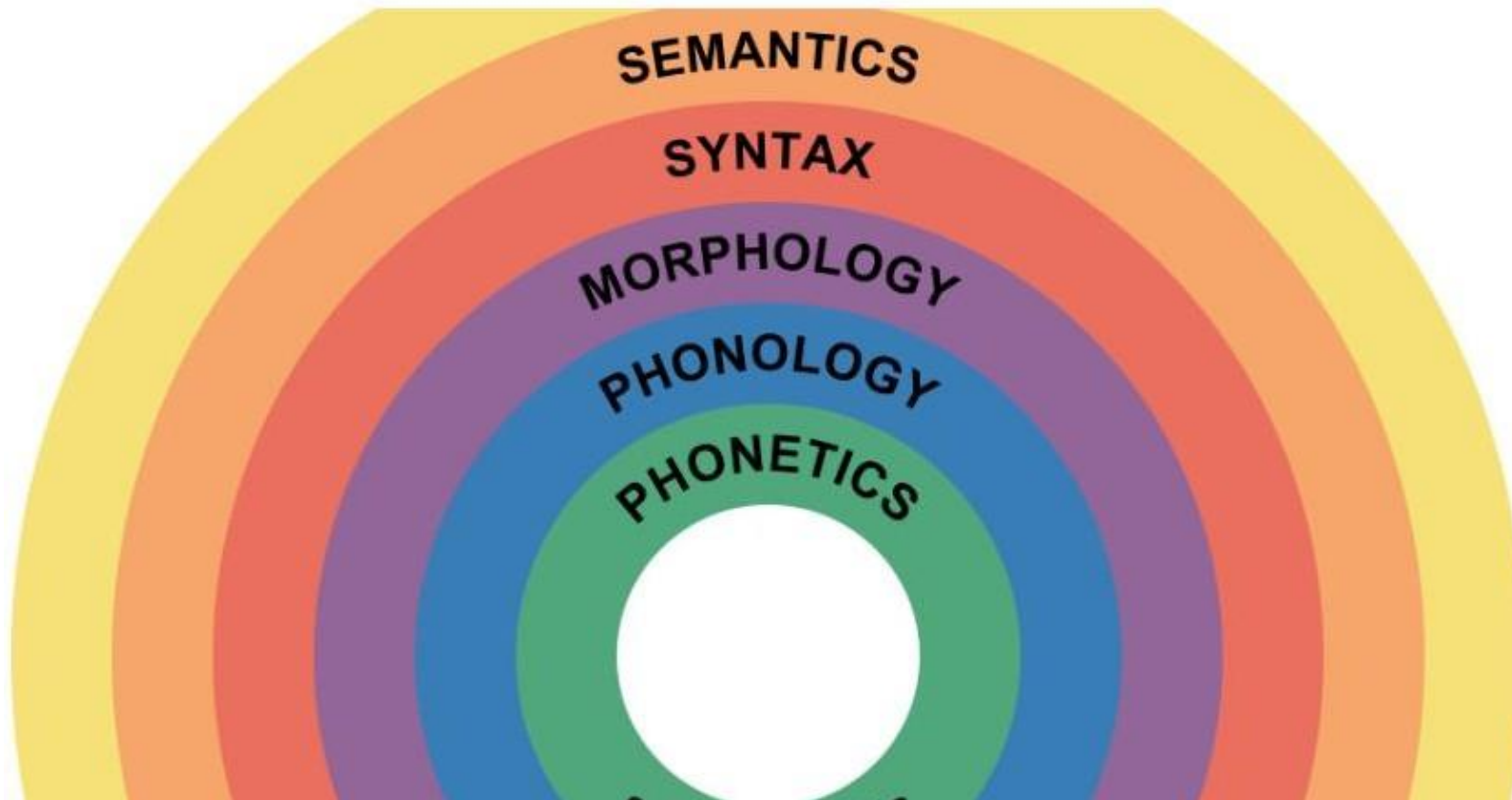


7. Free Will Science is catching up to

FREE WILL
ILLUSIONISM vs. **DIS-ILLUSIONISM**
FREE WILL

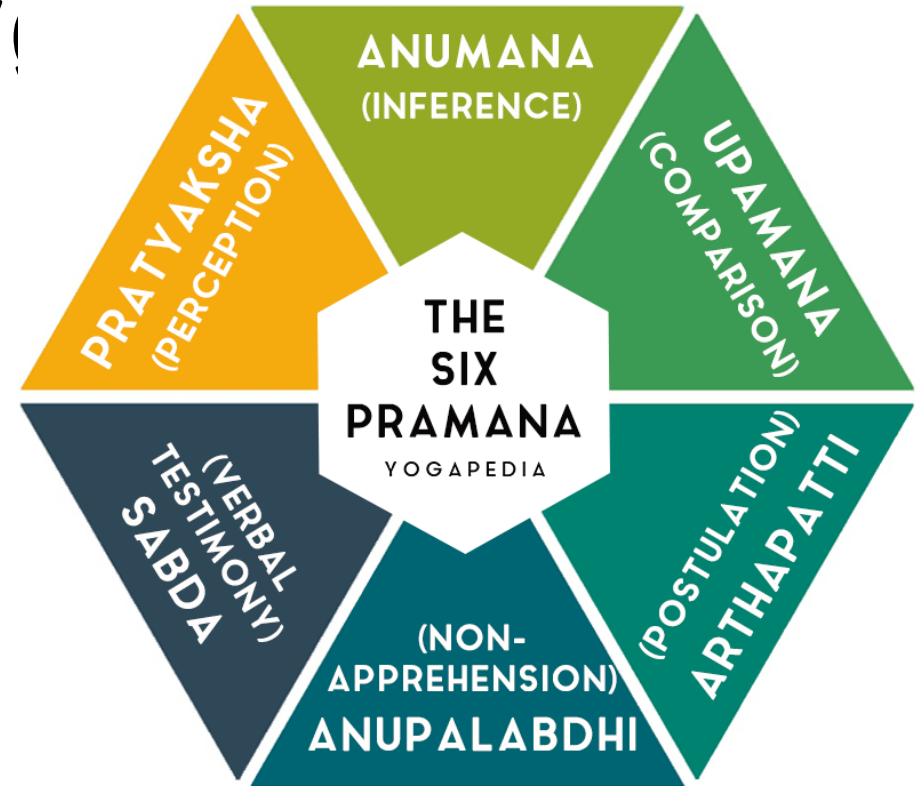
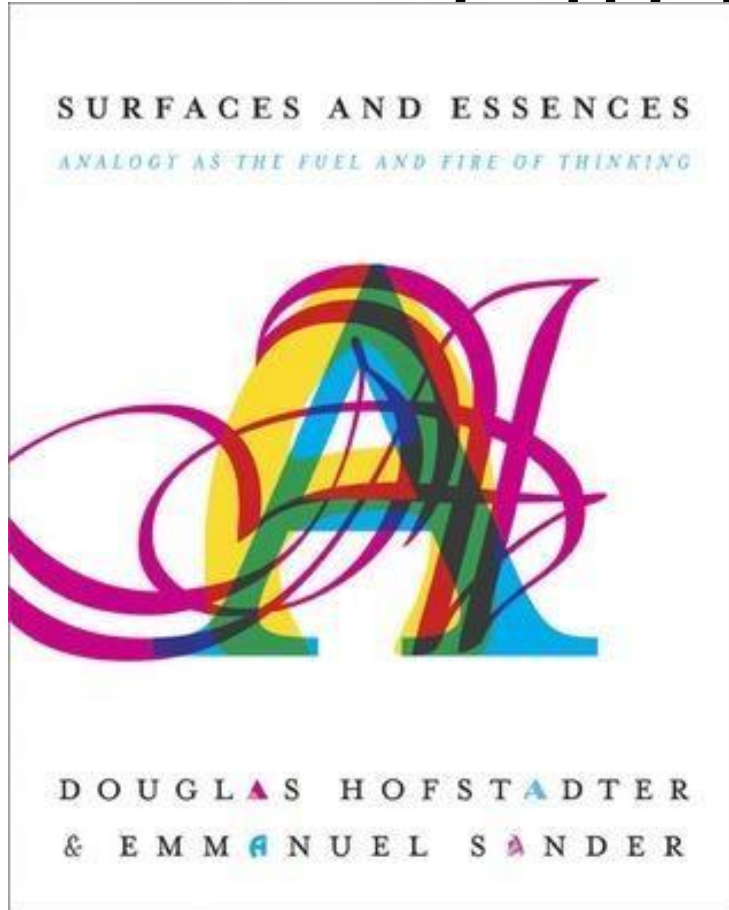


8. Linguistic



9. Pramanas

Science is catching up to
the five
sources



10. Altering consciousness is the science of

A dose of psilocybin, at the Center for Psychedelic and Consciousness Research at Johns Hopkins. Matt Roth for The New York Times

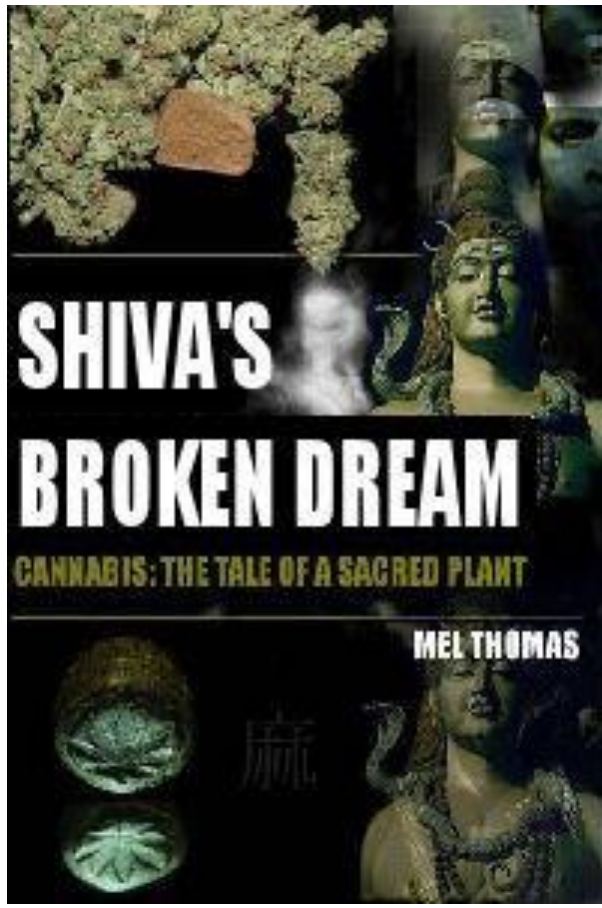
The Psychedelic Revolution Is Coming. Psychiatry May Never Be the Same.

Psilocybin and MDMA are poised to be the hottest new therapeutics since Prozac. Universities want in, and so does Wall Street. Some worry a push to loosen access could bring unintended consequences.



By Andrew Jacobs

May 9, 2021

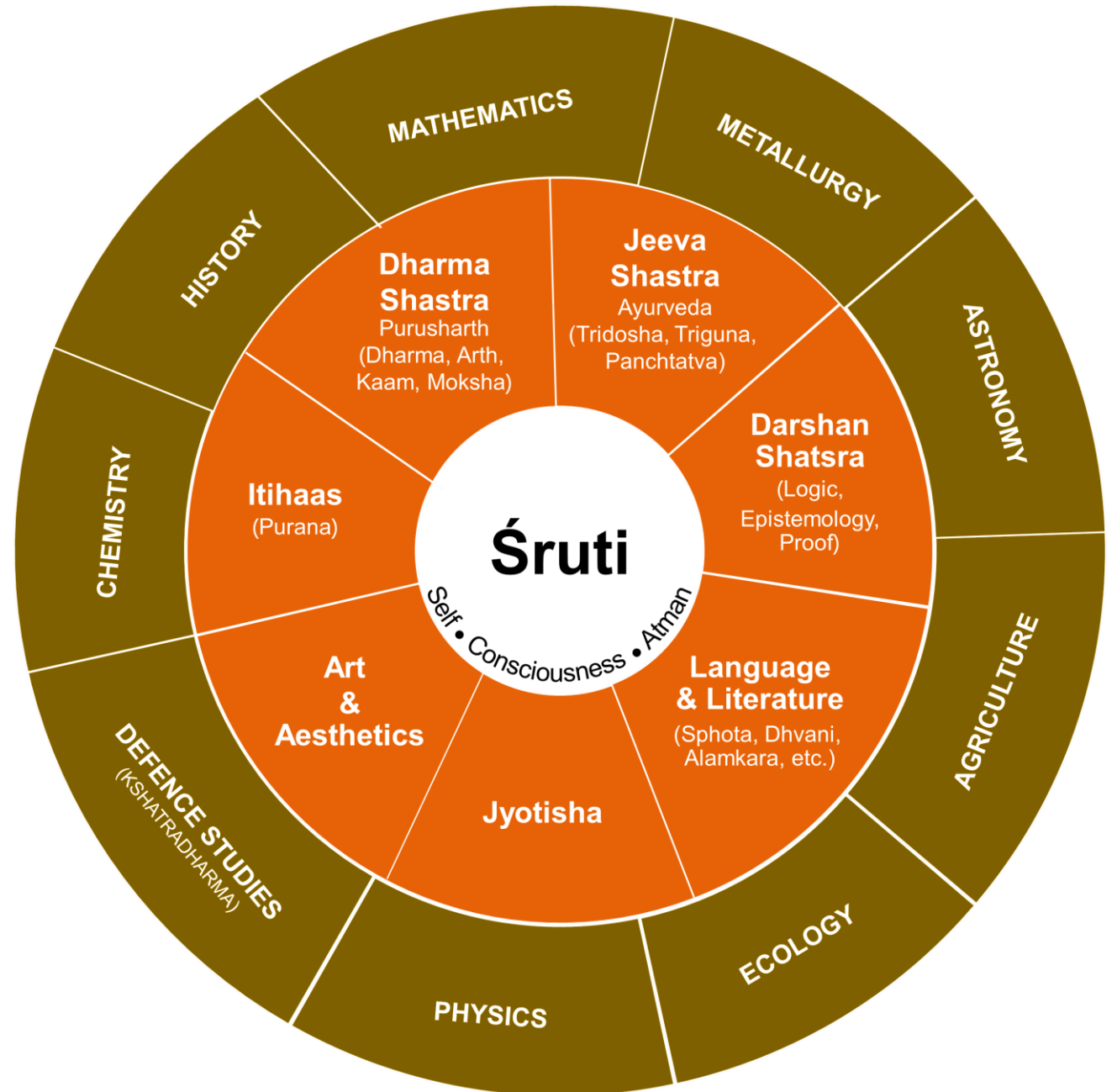


Five Levels of Experience

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Non-dual consciousness

IKS FRAMEWORK



Itihaas vs History
 Manas vs Mind
 Loka vs Planet
 Bhava vs Mood

