

## Exploration

# Cosmic Intelligence & DNA (Part I)

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### Abstract

In this series of articles, the author analyzes and explores the desire of the Absolute for giving self-expressions as many and how it permeates through its manifestations, non-sentient & sentient, in virtually the same manner in various stages of progress. The focus here is on an integrated thought process. The awareness that the 'God principle' forms the basic building block in all entities makes the understanding easy. The same thought is repeated over & over in different contexts to reinforce the operating principles in memory and also to establish their relevance from different planes of view. Each being is with unique cosmic imprints. Man & woman are complementary to each other. Embryological and neural anatomical studies support the existence of complementary differences between males and females. One's innate nature normally replicates only the data of a part of the primordial matter encoded as his DNA that may undergo modifications/mutations over time. However, all are empowered to enliven even the entire cosmic genome of the holistic consciousness when in resonance with the universal rhythm.

Part I of this series of articles contains the following: 1. Introduction; 2. Myths & Facts; 3. Upanishads; & 4. Parabrahmam - primordial source-cosmic nucleus.

**Keywords:** Absolute, universe, manifestation, life, self-expression, complimentary pair, DNA.

## 1. Introduction

Hindu Upanishads have given us exhaustive details on matter, consciousness, life *etc.* as compared to any scriptures from other sources. Hindutva (*universal way of life*) & Sanathana Dharma (*universal laws for all ages*) are their spiritual revelations.

*Vedic thoughts: 'desire for self-expression as many' of parabrahmam, the cosmic nucleus, culminated as the cyclic 'oscillating universe'. Only a quarter of the nucleus (cosmic seed) - radiated out of this holistic entity, as the universe, again a holistic unit, where each of its constituents remains a holistic entity, that means, each one functions as a holistic part of the holistic universe, subject to its inbuilt contingency, namely that it has to exist & savour the universe in its eternal growth / decay cycles adhering to the cosmic karmic norm i.e. unity in diversity. The rest 3/4th stays unmanifest as the singularity (black hole) / the abode of complementary functions – holistic consciousness - that radiate cosmic forces sustaining overall stability.*

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The 'mind/matter' - cosmic desire - of the radiated cosmic source urges its aberrations to replicate their respective karmic desire vibrations that show up as the universal panorama. These 'Cyclic self-healing replications' are the basis for each entity's karmic existence. This prime feature urges the non-sentient matters to advance through natural transformations & the sentient to progress through compatible transmigrations.

*This 'self-healing' aspect flourishes optimally when the entities remain in 'complementary' pairs mode & in 'compatibility' with one another.*

Neither does a fresh matter come in nor does an existing one go out during a cosmic cycle.

*Everyone is eager to know the scientific validations of all these.* Science, which basically engages itself in differentiation, as a rule, keeps delusions at bay by totally avoiding inputs of "mind" in its deliberations. Ironically, it has to depend on man's transient mind only, to arrive at meaningful conclusions on its findings. Due to this lacuna its pursuits invariably end up in being sterile leading to dismay. Visionaries, scientific mystics, who value human imagination & perceive cosmic oneness amidst worldly differences, can on the other hand by transcending the worldly vision, give apt meanings.

*The right approach probably is to follow the philosophies of Einstein & Tagore as below:*

"A human being is a part of a whole, called by us, universe, a part limited in time and space. He experiences himself, his thoughts and feelings as something separated from the rest... a kind of optical delusion of his consciousness. This delusion is a kind of prison for us, restricting us to our personal desires and to affection for a few persons nearest to us. Our task must be to free ourselves from this prison by widening our circle of compassion to embrace all living creatures and the whole of nature in its beauty." Einstein

"In science we go through the discipline of eliminating the personal limitations of our individual minds & thus hope to reach that comprehension of truth, which is in the mind of the *Universal Man*. ...whereas spirituality is the reconciliation of the Supreme-personal Man, the universal human spirit, in our own individual minds...." Tagore.

*'Do not analyse, but savor the nature's delight'.* Hindu proverb

Scientific progress thus far: Science has established that the universe comprises basically complementary pairs of particles - fermions & bosons. Special kinds of bosons carry the forces of nature through particles, for example- photons (the electromagnetic force), gluons (the strong nuclear force); graviton (the gravitational force); W and Z bosons (the weak nuclear force). These bosons, of which we are all thought to be made of, get their masses through another mediator, the Higgs Boson, the god particle.

"If we do discover a complete theory of the universe, it should in time be understandable in broad principle by everyone, not just a few scientists. Then we shall all - philosophers, scientists and just ordinary people - be able to take part in the discussion of why it is that we and the universe exist. If we find the answer to that, it would be the ultimate triumph of human reason. For then, we would know the mind of God." Stephen Hawking.

## 2. Myths & Facts

MYTH	Micro atom is the smallest single entity.
FACT	On probing it shows up as a cluster of complementary pairs of particles.
MYTH	The basic matter may be different in different planets of the universe.
FACT	The complementary pairs of particles, the basic building block of the universe, are the same all over. Only their forms & shapes may vary. However the complementary nature contributes to the functional similarity around the energy axis of all entities
MYTH	Each matter has its stable geometry
FACT	Matter, comprising complementary pairs, exists within its unique space horizon & undergoes transformations as per environmental contingencies.
MYTH	The evolution process sustains on fresh inputs of matter into nature from time to time.
FACT	Different entities undergo transformations from existing matter only, under the influence of environmental cosmic forces.
MYTH	Matter we perceive in the universe is the total matter evolved by Nature
FACT	Matter we perceive is 1/4th of the cosmic nucleus. Remaining 3/4 <sup>th</sup> - unmanifest matter (black hole) - accounts for the stability of universe.
MYTH	Science can eliminate all delusions.
FACT	It revolves only around 1/4th of the total matter (revealed). Mind control (spiritual efforts) enables to gain vision to transcend the universal horizon & unravel the whole truth.
MYTH	Matter of the universe exists as seen in volume.
FACT	It exists with gaps of space within, the space being charged with cosmic forces. Devoid of these space gaps total matter of the universe measures one cubic centimeter by volume.
MYTH	Matter- particle - is inanimate.
FACT	It has 'mind' - consciousness. Apart from its mass, it has consciousness & both exist in complementary pair mode encased within in its own space field. When the space envelope of the pairs breaks down, the liberated antimatter - its mind (cosmic desire energy) - annihilates with matter thus transforms the matter into another, compatible complementary pairs of mass/consciousness.
MYTH	Energy flow in the matter is in continuous motion.
FACT	Energy as vibrations gets self-healed by the coherence of mass as it flows from the base to head of matter & then projects as quantum bursts into its space horizon to finally converge back to its base in repetitive cycles till energy

exhaustion. However in singularity - dense 'energy/matter' bundle - the masses get attracted instantly & radiate as coherent bursts.

MYTH A non-sentient/sentient being has a single life span.

FACT It continues in existence in transformation/ transmigration cycles, till merger with the source - big crunch.

MYTH Matter appears the same to one & all.

FACT The energy of the viewing consciousness influences the nature of existence of particles. Different persons perceive the same thing differently.

MYTH All are equal.

FACT Each being is made of complementary pairs of particles, but with unique cosmic imprints. Man & woman are complementary to each other. (Embryological and neuro anatomical studies support the existence of complementary differences between males and females.) Ones innate nature normally replicates only the data of a part of the primordial matter encoded as his DNA that may undergo modifications/mutations over the time. But however all are empowered to enliven even the entire cosmic genome of the holistic consciousness when in resonance with the universal rhythm. Here only lies the equality.

MYTH Human beings are sustained by cosmic energy.

FACT They are also Cosmic Energy Controllers. They radiate measurable energy aura.

MYTH Divinity can intervene directly in worldly affairs.

FACT It is not a single entity. It forms the basic building block of all that exists here. Only the resultant of all the energy transfers guides the evolution course.

MYTH Follow the majority. (Manmade laws based on "rights & wrongs")

FACT Follow Dharma Shastras - spiritual guide lines - that enable the 'rights' to prevail over the 'wrongs', rather than to win them over.

MYTH Follow your conscience. Act on the basis of your rational judgment.

FACT Follow Manas Sakshi - holistic consciousness - the invincible Silent Witness - that forms a double helix & provides complementary traits to one's self-consciousness aiding in its action completion,

MYTH You seek knowledge from outside.

FACT Knowledge is within. Compassion reveals it. Dispassion makes you a co-creator, 'here & now'.

MYTH Self-realization is a long process. Once attained it stays permanently.

FACT It is like getting in & out of resonance. It can happen & vanish even instantly. Coherence in self-will is needed to sustain the same.

MYTH Beings can beget off springs with tendencies & aptitudes as their own.

**FACT** Departing beings - astral masses - transmigrate through reproduction cells compatible to them (quantum entanglement) & thereby perpetuate replication process.

**MYTH** The nature of life is immortality.

**FACT** It is immortality. DNA is an immortal entity.

**MYTH** IQ is a measure human brilliance.

**FACT** IQ leads to knowledge of the source. EQ leads to experiencing the same through empathy. SQ leads to realizing the same through transcendental awareness. Optimum mix of IQ, EQ & SQ only, as required by the environment, leads to worldly bliss.

### 3. Upanishads

The Upanishads (**Sanskrit**: उपनिषद्, **IAST**: *Upaniṣad*, IPA: [upəniʃəd]) are a collection of philosophical texts which form the theoretical basis for the [Hindu religion](#). They are also known as [Vedanta](#) ("the end of the [Veda](#)"). The Upanishads are considered by orthodox Hindus to contain revealed truths ([Sruti](#)) concerning the nature of ultimate reality ([brahman](#)) and describing the character and form of human salvation ([moksha](#)). The Upanishads have been passed down in [oral tradition](#).

More than 200 Upanishads are known, of which the first dozen or so are the oldest and most important and are referred to as the principal or main ([mukhya](#)) Upanishads & they provide a foundation for the several later schools of [Vedanta](#). The [mukhya](#) Upanishads all predate the Common Era, possibly from the Pre-Buddhist period (6th century BCE). The Upanishads continued being composed in the early modern and modern era, down to at least the 19th century.

The Upanishads were collectively considered amongst the [100 Most Influential Books Ever Written](#) by the British poet [Martin Seymour-Smith](#). Their significance has been recognized by writers and scholars such as [Schopenhauer](#), [Emerson](#) and [Thoreau](#), among others. Scholars also note similarity between the doctrine of Upanishads and those of [Plato](#) and [Kant](#).

The Upanishads give us the clarity of perception of matter & life along with ways & means for us to transcend the manifest universe to the un-manifest horizon i.e. gain vision, through mind control.

Science, understandably though, tries to avoid delusions by keeping the mind at bay during its deliberations. At the same time mind has to depend on its transient nature while arriving at meaningful conclusions for its findings. In general human mind is attuned to the egoistic & contingent universe & hence so to the transient worldly wisdom. Thus science often ends up in findings that do not offer true & lasting meanings. This is similar to diagnosis without cure that leads one to morbidity. Scientific mystics can offer apt meanings.

Upanishads can enable one to transcend the world horizon, gain vision of the holistic consciousness that guide nature & become a visionary - scientific mystic - etc. & find true meanings for our existence itself.

## Major Upanishads

### Isavasya Upanishad:

The Almighty, the embodiment of wholeness, desired to experience the delight of being in "many" & thus the universe came to being.

*Wholeness remains whole after removal of its portion which is whole. Each entity is whole, manifest universe is whole, unmanifest is also whole, The very essence of life is the spirit of sacrifice. - to live as per the nature's contingencies i.e. 'Oneness' savouring the delights as 'many'- This reality is shielded by nature's veil - maya - mind - . Wisdom –mind control - reveals the reality.*

Being in the focus with 'many' - in differentiating mode - subjecting oneself to egocentric orientations - even with knowledge of Vedas etc one may exist in avidhya. With this vedic knowledge one may only pass over fear of death but cannot avoid death & rebirth - pains & pleasures during life's existence, whereas in focus with the 'oneness' of the Absolute - vidhya - one can attain immortality (merger with the origin) - no rebirth - . Ironically the former ends up in darkness & the latter in greater darkness in as much as one is not choosing either way, to experience the bliss of nature in the world during his life,. 'Renouncing 'ego' & pursuing karmic life/ co-creation activities', rather than 'renouncing worldly life with its natural beauty for the sake of liberation & merger, to free oneself from worldly anxieties', is the right approach in fulfilling the cosmic desire.

### Keno Upanishad:

"[W]ho is the driving force" It is the very source of creation. This is revealed by Uma the consort of Shiva - the lord of death - the discontinuity in universe. This life/death discontinuity paves way for immortal continuity in the zone of the universe through rebirths. Transcendence of the soul to the eternal immortal zone however, is attained through liberation - merger with the cosmos - Shiva the lord of eternity.

Possession of knowledge alone is not enough. Austerity & earnestness in approach i.e. understanding of the nature's contingencies, is essential. This revelation occurs in flashes during the intervals between discontinuities & continuities (deaths & re births)

### Katha Upanishad:

The knowledge of the absolute is superior to worldly possessions & even life itself. Brahman exists in OM reverberations. These are revealed through gurus, the catalysts. But the actual

revelation is attained by ones sacredness of approach. Nada Brahman - moksha - transcendental bliss - is realized in liberation - , while Sabda Brahman - jeevan mukthi - self-realization in immanence. Dispassion reveals the reality at death.

OM reverberations are Brahman itself. When the mind is empty Brahman reveals itself. Only subtle mind can realise Atman / Paramatman.

What happens at the time of death?

When one follows Atman at the time of death the secret of death & life is known. *What is before follows after death in rebirth.*

Paramatman is like fire without smoke - pure & subtle. It is the size of a thumb with a potential to be smaller than the smallest or grow bigger than the biggest.

Roots of desire cause rebirth perpetuating worldly immortality.

When the roots are removed one chooses his condition in rebirth or can even attain transcendental immortality.

Prasna Upanishad:

Science aims at objectivity by keeping subjective sensory inputs at bay to discard delusions, but the meanings to its findings any way have to depend on man's immanent mind that may not differentiate true or false delusions. Immanent to transcendental transformation - true vision - is achieved by mind control.

Pranayama, Meditation Yoga etc. enable the control of mind, through prana energy to experience OM reverberations that sustain universe.

The creation is an exercise born out of Brahman's desire - play of thought of divinity for self-exploration sporting as 'many'. Day is synonymous with life/energy & night with tranquility/matter. Life & Matter form the dualities in creation. Prana is like the axle & spokes of the wheel of life. Mind directs prana & veils the reality. Subtle mind reveals the reality. OM reverberations are both immanent & transcendent.

Mundaka Upanishad:

Which knowledge reveals Totality? It is that "which when known, all becomes known" It is Para vidya, which knowledge that makes one see the creator in all its creations - obtained through the sacredness of approach aimed at fulfillment of common desire - . It is not that of the Vedas -Apara vidya - vidya of the soul conditioned by intellect & mind derived through the negation of mind. The three Vedas except atharva veda prescribe the rites to perform rituals aimed at results & this paves way for Para vidya the knowledge of the reality that can lead to simultaneous experiences of immanence & transcendence.

### Two Birds analogy:

Two inseparable birds -soul & atman-, while sitting on a tree, one is enjoying the fruits from the tree the other remains a dispassionate invincible silent witness radiating cosmic forces for sustenance.

### Mandukya Upanishad:

Beings are unmanifest in their origin, manifest in the mid-state & unmanifest in dissolution. In the midstate they exist in, waking, dreaming, deep sleep & awareness modes. OM reverberations pervade both in manifest & unmanifest states.

OM reverberations are both perishable & non-perishable. Waking mode reflects the memory of the self. Dreaming mode reflects racial - karmic - memory. Deep sleep is devoid of imprints of mind. Subtle mind accounts for the coherence during self-referral energy transfers - transcendental awareness - that paves way for the merger of the self with holistic consciousness, an experience beyond description.

### Taitriya Upanishad:

Enumerates the guiding principles of tapas - to exist as per nature's norms in austerity - for spiritual students. Reveals the 'Neti - Neti' process of enquiry, i.e., negation of traits inappropriate to the supreme nature of atman that dwells in eternal Bliss. This is realised through love-rasa-.

### Aitreya upsnishad:

Ennumerates the evolution stages

The evolution cycle is about the growth of cosmic seed into the cosmic tree of the universe ending in the cosmic dissolution. The universe is thus a spiritual arena.

### Chandogya Upanishad:

The fullness of the void in Brahman is immortal & invincible that incorporates forms but yet remains formless.

Atma enlivened with I-Ness karmic attributes becomes soul. It grows from void to many to make up the universe. The seed potential grows into the universal tree sporting various forms but yet is formless in its essence.

The fullness that is undifferentiated is total bliss, whereas the universe, a differentiated entity,



can at best only sustain transient happiness i.e. remain as maya in the play field sporting divine lila.

Brahadaranya Upanishad:

As long as there is no second one around there is no fear of death - mortality - i.e. in the transcendental zone of the source. But In the zone of the universe, immortality is perpetuated by continuity in 'death-rebirth' cycles-. This knowledge takes away fear of death. More over wisdom enables one to realize, that restraint in satwa (rhythm), charity in rajas (action) & sensitivity in tamas (stability) gunas are guiding virtues. This wisdom helps one to choose his ongoing condition through free will enabling him in cutting off of the roots of his present existence.

Svetasvatara Upanishad:

Brahmam is abode of cosmic forces - the size of the thumb - that radiate from micro matter to various life forms in the universe.

Paramatman pervades as the consciousness in the universal rhythm that exists in space & time. Souls - atmans (immanent consciousness) with I. Ness imprints - savour the gratifications, as complementary pairs, as products of duality subject to cause/effect contingencies.

Mind prevents realization of atman. Meditation negates the mind –makes the mind subtle - paving the way for self-realization.

Atma is neither male nor female, active but not aggressive, receptive but not inert. The universe is its panoramic projection, coherence in harmony.

#### **4. Parabrahmam - primordial source-cosmic nucleus**

THE SOURCE - THE ABSOLUTE PRINCIPLE - the Primordial effulgent mass–primary compatible complementary pair of 'Vision & Vitality' - monolithic integration of 'vision' (male aspects) & its complementary 'vitality' (female aspects). This Primordial egg, the size of a thumb is a self-effulgent nucleus engulfed in the darkness of its cosmic space - vitality field-. This micro matter with infinite mass & vitality is a 'mass/energy' complementary union bundle that draws self-sustaining eternal energy from its mooladhara, the base, the seat of attraction to its head - the seat of effulgence. The coherence along the path from its base to its head (vision axis) ensures self-healing stability in the cosmic emissions, emitted from the head, into the horizon of its own cosmic space field around. The cosmic energy depletes gradually from evolution till involution when the remnant mass converges back again to the base & reemerges due to its own momentum in eternal cycles.

### Svetasvatara Upanishad:

The prime source, the principle governing the cosmic existence even in micro & macro levels in the universe forms the basic building block in each entity. This cyclic self-effulgent energy flux engrained in each block owes its self-healing potential to ‘coherence & harmony’.

*“The wholeness remains the whole after removal of its portion which itself is whole. - Isavasya Upanishad*

*This infinite, unbounded, undifferentiated, empty potentiality in space, the source of holistic consciousness, is Parabrahman.*

*This unlimited, underlying reality is not created but self-evolved, and can never be conceptualized by any limited scientific principles that we can evolve in reality. This is the “ultimate power - the impersonal reality underlying everything in the universe - , from which everything comes and to which the same returns”.*

*The irony is that in its primordial unbounded state, it is “nothing”.*

(Continued on Part II)