

Exploration

Cosmic Intelligence, Its Manifestation & Humanity (Part III)

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Abstract

This series of articles are further syntheses of “Singularity & Its Manifestation (Part I)” published in Journal of Consciousness Exploration & Research 4(8). The intention of this synthesis is to stimulate the imagination & introspection in others about this mysterious process of creation. Apart from dwelling on the subject ‘how we got here, and where we are going’, some rational steps forward in our onward journey shown by some scientific mystics find a place here. I hope the above purpose has been fulfilled through these pages.

Part III of this five-part article contains: 6. Universe; 7. Desire Energy Cycles; 8. Illusion; 9. Panorama; 10. Cosmic Intent; and 11. Cosmic Wisdom.

Keywords: Divine, God, singularity, absolute, universe, cosmic aberration, manifestation, Laws of Nature, laws of universe, evolution, Big Bang, big crunch.

6. Universe

Divine “Desire for self-expression as many” - Divine Lila - projected the Universe as its panoramic play field for self-exploration. The primal complementary pair namely the cosmic seed pervades as its aberrations i.e. as salient mass/vitality complementary pairs, in a variety of shades & forms, from atoms to stars, galaxies & sentient humans - products of disintegration of the cosmic seed - pervading as unions of desire oriented matter & consciousness, in different orientations & vibration rhythms & the totality growing as the cosmic tree. They all dissipate self-healing karmic vibrations to perpetuate the ‘many’ aspect of cosmic desire with the entities having more vitality influencing the lesser vital ones. However the evolution vitality it self-depletes from Big Bang to big crunch. This progressive depletion in evolution vitality results in the gradual transformations of all the entities thus retaining their stability.

Growth/Decay cycles

Desire is the driving force that initiates the transformations in all the aberrations contributing to the diversity in the panorama by disturbing the compatibility of the elements of their complementary pairs & unfolding them to create the energy out of their annihilation. This desire to perpetuate as many is also responsible for the instant compatible reunion of the released elements as fresh pairs in new space envelopes with energy thus completing their transformations. These transformations are only short lived because of the ongoing changes in the parameters of either the mass or the vitality or the desire contents in the pairs that lead to

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further transformations. These transformations function in various **growth/decay** cycles according to the environmental interactions among its varying mass/vitality/desire contents. The more developed sentient beings with autonomous desire attributes are more capable of deciding their **growth/decay** cycles as compared to others. Mass parameter varies according to the coherence of space within their matter. Vitality in the entities varies depending on their stage in the evolution cycle, growth/decay cycles & also by their environment. However when either the desire or the vitality is nonexistent, the complementary pairs cease to exist & the pair elements, namely, matter & antimatter get attracted to their respective source of origin in the cosmos.

*The basic driving force that operates the Universe is **desire & vitality** by sustaining the transformations as growth/decay cycles of all the entities.*

The 'complementary pair functioning' in nature implies the presence of basic similarity of forms & functions, in all the beings along their energy transfer axes.

The matter of the Universe comprises mainly non sentient matter undergoing progressive evolution changes into higher coherence modes based on their imprints derived from the source of origin. But some of these that gain coherence namely, consciousness, life supporting, gender identity imprints etc. as astral masses - - Atman with karmic imprints - -souls - beings - . The cosmic gender union vitality acting as a complementary pair of bindu (potency) / bija (seed) vitality, permeates the complete range of cosmic genome as the passive holistic consciousness enabling the propagation of various species.

Although the human beings possess autonomous, self-referral self-healing energy transfer faculty they are subject to the contingencies of nature i.e. all the entities have to collectively sport the one supra life form. More over a male or a female entity remains as a complementary to the other. Only their coherent & harmonious union has the potential for evolution intelligence - *a reproduction cell is a reservoir of holistic consciousness* - . The finer the coherence & harmony in the pair the closer it gets to the enlivening integral gender vitality of the divinity.

Human beings thus have only partial control over thoughts & perceptions in the evolution process whereas the divinity is invincible with its self-actualizing & radiant vitality. The human being either male or female, as an evolving vitality is thus closest to divinity & their gender union vitality namely the reproduction cell, is the reservoir of holistic consciousness contributing to the progress of evolution intelligence.

The primordial source (bindu) - cosmic potency - synonymous with male aspects, under the urge of its cosmic desire, fertilized its complementary (bija) - cosmic seed, - to pervade the Universe as the holistic consciousness of nature.

Aitreya Upanishad - Svetasvatara Upanishad

Cells are the beginning of life and human beings are the highest known life form. What gives the human beings the ethical intelligence and makes them fundamentally different from all other life forms is the human brain. Furthermore, the human brain consists of four complementary pairs of sub brains.

Each cerebral hemisphere is a complement to the other, as we now know from the famous left brain/right brain interaction. The highest and most recent known brain is the neo cortex, the fourth brain. This is the center of ethics and imagination. The next or third brain is the mammalian cortex, or the limbic system, the center of the emotion of love and its variants plus the higher biological drives. The next or second brain is the reptilian complex, the center of fear, rage, and aggression plus intermediate biological drives. The first and oldest brain is the fish brain, i.e., the rest of the nervous system, which is the basis for the most primitive biological drives and the automatic control of our basic physiology. The human brain is an autopoietic system of four complementary pairs which makes it possible for humanity to take the next quantum leap in evolution. (Ventral view of the human brain, consists of four pairs of complementary brains: fish, reptile, early mammal & human.) - - - John David Garcia (creative transformation)

Each human being is a complementary pairs of pairs namely that of body & the soul. On this basis a male/female complementary pair - 4 complementary pairs - - are the basic requirements to carry the evolution intelligence forward. Nature depends very much on male/female complementary pairs for the permeation of the holistic consciousness & the growth of evolution intelligence.

A human being, a sentient complementary pair of both self-& holistic consciousness - soul - , is thus individually empowered, by its own autonomous free will to support its body (medium) which is also a complementary pair of body mass & immanent consciousness, in the growth/decay cycles. This being is the representative of an allotted part of the divinity in the Universe. A male/female complementary pair contributes a lot to the creativity with intelligence.

The basic building block of the Universe is thus the self-referral complementary pair, the underlying principle of the divinity itself, existing in multifarious forms nurtured by cosmic forces as non-sentient matter. These complementary pairs gradually gain coherence, intelligence & other autonomous faculties to become the DNA - program/protein double helixes - of the-sentient matter - beings - .. The less vital entity remains a satellite of the more vital one, .in the makeup of the universal panorama.

The Universe thus is a product of true divine play of thought - divine lila - but it is a panorama sustained by the Maya forces, often mistaken as real.

AUM-OM - divine self-healing vibrations cosmic reverberations guiding the 'projection sustenance dissolution' functions govern our destiny.

In the worldly environment, desire based non radial energy dissipations perpetuated by the non-sentient & sentient matter interfere with each other & disturbing the orientations of the complementary pairs. But during the harmony of absolute relaxation when the sensory inputs rest in harmony, the energy vibrations of the entities during their passage from base to head are self-healed according to their salient mind/mass coherence e.g. during deep sleep & meditation modes they derive the vitalities of the universal rhythm i.e. With this self-healing they resume their karmic dissipations with prior orientations in replication cycles. Staying absorbed in the thoughts devoid of ego, while discharging karmic duties, retiring to rest in harmony, meditation

etc. aids attunement of self's rhythm, with that of the Universe thereby improving our empowerment.

Opting to be egocentric, one ends up in degradation.

Thus the overall progress in evolution up gradation/ degradation depends on the resultant of the collective vitalities of all the non-sentient & also the autonomous sentient entities. It is up to the collective will of beings to make a symphony out of all these energy vibrations.

The fundamental universal rhythm enhances the quality of all the energy transfers of major & minor dependent entities. This means, that when self-referral energy cycle of beings - harmonics - is in orientation with the universal rhythm during its cyclic change over, the coherence of the rhythm provides optimum self-healing vitality to the being. It should be the endeavor of all the beings to orient themselves with the universal rhythm, the instant at which its cycle changes over & also the durations in a day, week, month season etc when nature's energy cycles change.

The primordial source does not govern the affairs of individual entities in the Universe directly; it only sustains overall harmony through the coherence of the universal rhythm. Mundaka Upanishad.

New horizons are showing up from time to time, according to the interactions among the individual's innate energy vibrations, each having influence over the other & also the environment.. All these are random activities & yet they function in the overall harmony of the universal rhythm. But time to time deviations of harmony levels in different locations take place & are difficult to predict because of the self-willed autonomous nature of the energy transfers of the sentient human beings. To that extent randomness is inherent in Universe.

(Science is perplexed with this randomness -uncertainty principle - & is at a loss to explain further. Hence it is casting doubts on the intelligent design by the creator).

Mysticism understands the cause behind this randomness & is convinced about the overall controls of the collective consciousness & the universal rhythm.

Moreover the progress in evolution is dependent on the ongoing contingencies imposed by the cosmic environment whose vitality it self-progressively depletes from evolution to involution. In addition to this, each cycle of events leaves behind its imprints & momentum for the subsequent cycle - past leaving its ' self-healed'/stabilized imprints for the present. In this back drop, probability is the watch word in the evaluation dynamics. However the autonomous faculties of beings engrained with the vitalities to empower themselves even with the qualities of the divine raises the hope for making the Universe a place of possibilities.

The philosophies of the Upanishads envisage that the collective consciousness of the society will permeate optimism in the environment for co creation possibilities.

It is important to realize that all the energy vibrations currently encountered by the entities are all those that are in eternal perpetuation from inception, through transformations & transmigrations.

Since all energy vibrations exercise their influence on the environment, those with non-conductive traits i.e. those that have emanated out of ill feelings, displeasures, abuses & curses can have adverse effect on beings with 'weak' will power, till they are revoked or lose their vitality.

Strong will power is a key to good individual well-being.

Intuition, premonition, mysticism, vision etc. may aid in analyzing such conditions, but due care is needed to avoid delusions. Counselors, scientific mystics, gurus, visionaries etc. serve the society in this regard. A society that nourishes their thoughts flourishes.

Hence predicting individual cosmic scheme of events during the course of the evolution process becomes possible only if we can get a clue to the vitality & energy transfer functions of major operating entities of which others exist as satellites. This aspect is covered traditionally by astrology - based on intuitively perceived yogic observations of the effects of major planets & their movements over ages & also in modern times by scientific forecasts based on effects of estimated energy & forces in the environment. Both these fields depend on probability where statistics comes as a major tool for its evaluation.

Occurrences in our domain are beyond the reach of exact prediction because of the variety of factors in operation, not because of any lack of order in nature. Einstein

At present science is yet to acknowledge & evaluate the presence of the dark energy - 75% of the total - that controls the orbital motions of planets that means the cosmic intelligence of the source that sustains natural order amidst the seemingly chaotic Universe.

Cosmic intelligence eludes scientific enquiries.

A visionary outlook spiritual outlook 'yogic intuition' extra sensory divine perception in man enables one to visualize, feel & savor the cosmic intelligence behind the universal panorama.

Total harmony, in an environment of non-interfering orientations & rhythms, presenting a diverse panorama, flourished according to cosmic design & intent, among complementary pairs in the beginning of evolution - at Big Bang - when ego was not existent.

During passage of time, the vitality of the masses of various entities undergo gradual depletion in cosmic stages - yugas, from energy saturation at evolution till its ultimate depletion at involution, a destined feature of the evolution cycle. All the entities at the same time undergo constant transformations /mutations according to their genotype seed imprints - karma - -. Some of them acquire ego impulses that can cause energy interferences to various other karmic energy dissipations in the environment. These ego interferences while enriching the panorama can at times end up in extreme disturbing possibilities. All these contribute to disorder in harmony levels, climatic, social as well as spiritual.

The destiny is decided only by the resultant of the collective energy transfers in the Universe - collective will of the beings - from time to time & this only accounts for the progress or otherwise of the evolution.

The gradual decrease in cosmic vitality occurring from evolution to involution implies that corresponding changes in the cosmological constants, forces, motions, orbits etc. in physical terms along with variations in attitudes, traits, social laws, moral laws, shastras etc. in spiritual terms are inherent in the cosmic scheme of events till pralaya - total vitality depletion.

Newer & newer panoramas of unlimited variations spring out of the 'oneness' appearing as 'many,' where each one entity made of the same basic building block collectively sports the cosmic form of the source.

7. Desire Energy Cycles

The Universe is essentially desire driven. **“Let me be many”** was the primordial cosmic desire urge that brought the Universe to existence.. The Universe is all about the growth of the genotype cosmic seed into the phenotype tree. Multifarious complementary pairs dissipate their karmic energy as belonging to one entity to fulfill the desire.. In general the desire initiates the process by unfolding the complementary pair of an entity & releasing the energy. Then it also forms a new compatible pair in never ending variations to fulfill the **“many”** aspect of the cosmic desire.

Desire urge → disturbance to the compatibility of the complementary pair elements (matter / antimatter) of the entity → unfolding of the complementary pair elements with energy release - → recombination of the elements to form new complementary pairs with compatibility → Desire gratification → fresh desire urge & the cycle goes on.

This basic sequence in growth /decay cycles holds good for all cycles:

- ‘cosmic rhythm’ - primary energy transfer - cycles
- ‘universal rhythm’ cycles
- Nature’s cause & effect cycles
- ‘transformation’ cycles in matter
- ‘karmic, autonomous energy’ cycles
- ‘transmigration’ cycles in beings.
- soul refinement (meditation / yoga) cycles
- ‘self-healing’ – self-realization – cycles
- DNA - (program/protein double helix) - - replication cycles

This Cosmic primary transfer cycle of the coherent cosmic nucleus sustains the universal rhythm which in turn governs various replicating energy cycles in the Universe. There is a progressive decrease in evolution vitality towards involution & a corresponding deterioration in the stabilizing vitality of various entities. Ultimately the evolution culminates in involution when this stability is at its lowest.

In this back drop, the released matter, non-sentient & those of which that develop to become sentient & sustain autonomous energy vibrations undergo transformations & transmigrations, the more vital ones, exerting influence on the small ones. Different vibrations emanating according to encoded imprints from different entities represent different aspects of divinity - supra human form & so have 'material & spiritual implications' in the environment.

"If you want to understand the secrets of nature, look to the vibration and frequency..." said Nicola Tesla Great Humanitarian and brilliant scientist. He was the only one, who understood the Universe as vibrations, frequencies and knew how to utilize them, and benefit from it.

"All matter comes from a primary nucleus, the luminiferous ether," stated Nikola Tesla. He sensed the Universe was "composed of a symphony of alternating currents with the harmonics played on a vast range of octaves," wrote Margaret Cheney. "Exploring the whole range of electrical vibrations, he sensed, would bring him closer to an understanding of the cosmic symphony." Nicola Tesla

Universe is thus a spiritual arena, the domain of 'desire based' consciousness of all the released matters with their self-sustaining energy vibrations comprising the various harmonics of the universal rhythm.

Cosmic desire is responsible for all the energy available in all the masses of the aberrations & their functioning as complementary pairs. All the above energy cycles operate on account of the cosmic desire Hence desire in particular & also all the cause & effect occurrences of nature in general, the products of desire, cause the disturbances to the harmony of the complementary pairs - mass / vitality - initiating process. These disturbances unfold the complementary pair elements & the consequent release of energy from the elements due to their annihilation. At the same time the desire is also responsible completing the process of transformation by completing the reunion of the unfolded elements with compatibility. All the energy transformations follow similar routine.

Apart from various natural contingencies, the autonomous human energy transfers can also cause disturbances .to the 'mass/ vitality/space' envelopes - identity parameters - of other complementary pairs with the consequent unfolding of matter/antimatter from these space envelopes. The cosmic desire acts as catalyst in the annihilation of matter / antimatter releasing energy with which they become fresh compatible 'energy/vitality pairs,' encased in their new space envelopes accounting for the transformations in matter perpetuating the "many" aspect of the cosmic desire.

A non-sentient matter's identity is sustained by its self-consciousness (immanent) & the holistic consciousness of nature, both making a complement pair. This non sentient matter is fully governed by nature since its self-consciousness is inactive. As the evolution progresses the cosmic intelligence engrained in the DNA of various entities enhances their quality to become a sentient matter -matter engrained with autonomous self-consciousness -astral mass - that can support life in growth/decay cycles of a passive medium (non-sentient mass). Then it becomes a being that can savour desire / karmic gratifications. These autonomous sentient energy transfer vibrations interfere with the 'mass/energy/space horizon' relationship identity imprints of its own mass as well as other entities. This leads to breakdown of the astral mass / body mass

complementary pair –soul /body pair leading to death. On the death of the body mass - medium - the astral mass detaches from the medium. The cosmic desire urge naturally makes astral mass to seek a compatible reproduction cell as its new medium to become a new being for the perpetuation of its karmic gratifications. The lingering cosmic desire of the soul - astral mass - thus becomes a fresh being with previous traits & tendencies, through this transmigration. This means that the body mass goes through the process of death whereas the astral mass is immortal. *The DNA is immortal.*

This repetitive karmic energy dissipation cycles go on & on according to the encoded data, as acts of desire urges of the soul. Apart from this sequence, the above cycle may also come to an end abruptly by the disruptions to the body mass caused by environmental abnormalities. The astral mass in this case also detaches it self-from the body mass that undergoes transformations as non-sentient mass.

With this body mass decay, the detached astral mass with unfulfilled karmic desire (mind/ desire/ I ness /vitality imprints etc.), gets naturally attracted to a reproduction cell of male/ female union - an emerging passive medium & reservoir of holistic consciousness, from where the complementary attitudes & tendencies are derived by the transmigrating soul to perpetuate its karmic obligations as a new being. Or otherwise some astral masses with weak vitalities may form complementary pair unions through the cosmic gender enlivening vitality of nature, rather than through the male/female gender union vitality & maintain the karmic continuity in the environment as lower beings.

In some remote cases the totally dispassionate **souls** - the **body/soul complementary pairs devoid of total desire**, get merged with the source it self-through **cosmic attraction - no rebirth - liberation**. Transformations in non-sentient matters as also transmigrations in beings with their innate forms & traits undergo ceaseless replication routine of nature. Replications, transformations & transmigrations are the means through which evolution progresses.

‘Desire for self-existence’ of the source permeates in all the procreation/reproduction, birth/rebirth cycles of its aberrations; eternally perpetuating their immortality in the Universe through the complementary pair phenomenon even though the body mass is apparently mortal. **Since the DNA retains the imprints of the complementary strings & replicates ceaselessly it is an immortal entity.**

Mind energy field

Science has established that, the Universe is not made of solid stuff only but also of energy of consciousness. These energies contribute to various sensory experiences of observers savouring gratifications. There is a mind field (measurable aura) present in all entities to feel & recognize the same.

Everything in the Universe is made up of ‘luxon’ various types of light particles, electrons, quarks, sub atomic particles & components of DNA, encased in respective space fields that make it a holistic entity. Mind is not contained in the body; rather the body is contained in the mind, the reservoir of thoughts with its space field. The body & mind are not separate from each other.

We become more aware of what is happening to our lives by steering away from strictly material goals & then only we gain more insight into the mind. Mind control techniques aid co-creation activities in all fields of activity.

DNA - replication cycles - transmigration cycles.

Non-sentient matter. It exists as mass/immanent consciousness complementary pair. Its DNA double helix comprises one strand (active) with the identity imprints of its mass & the other (passive), the holistic consciousness of nature's vitality, both forming a complementary pair.

Sentient matter. It is a non-sentient matter that has gained awareness in its I-ness imprints - astral mass with consciousness - whose self-consciousness is autonomous through which it savours the worldly gratifications by using a compatible non sentient mass as its medium to become soul & evolve further. Its DNA is made both its active self-consciousness & the passive holistic consciousness as its mating complementary.

DNA molecule is a complementary pair comprising four self-reproducing molecules-interchangeable "building blocks", called "bases" - which can be abbreviated A, T, C, and G; each base "pairs up" with only one other base: A+T, T+A, C+G and G+C; that is, an "A" on one strand of the double stranded DNA with opposing & anti-parallel strands, will "mate" properly only with a "T" on the other, complementary strand. Replication is performed by splitting (unzipping) the double strand down the middle via relatively trivial chemical reactions, and recreating the "other half" of each new single strand by drowning each half in a "soup" made of the four bases."

Similarly we can assume that transmigration of beings as a process where the departing soul finds its complementary mate in a passive reproduction cell through the process of **quantum entanglement**. When science gets ready to probe the nature of soul seriously we will be able to get its validation for the above assumption.

(Quantum entanglement means that particles at origin are linked together in a way such that the measurement of the state one half, determines the possible quantum state of the other half. This connection isn't depending on the location of the particles in space. Even if the entangled particles are separated by billions of miles, a change in one particle will induce a change in the other, at a speed more than that of even light - spontaneous & instantaneous).

This entanglement likewise, can cause the unzipping of the DNA double helix of a compatible reproduction cell by the astral mass of the **soul** through its desire vibrations to become a compatible double helix pair & a fresh life/being encoded with the prior tendencies. This amounts to the transmigration of a soul into a new being.

*In a near death experience the microtubules - **souls** - - lose their quantum state, but the information within them is not destroyed. Instead it merely leaves the body and returns to the cosmos. Roger Penrose*

Let's say the heart stops beating, the blood stops flowing, the microtubules - sols - -lose their quantum state. The quantum information within the microtubules is not destroyed, it can't be destroyed, it just distributes and dissipates to the Universe at large. Stuart Hameroff

It can be established that nature enables the manipulation of the DNA of a nascent reproduction cell - a complementary pair of mass & holistic consciousness - - by the vibrations of the transmigrating soul - -a complementary pair of the nascent astral mass & self-consciousness - of a departing being, to implant its own active imprints in a compatible reproduction cell of a womb & use the cell as a medium in the growth/decay cycles & become a new being. This new being's DNA - 'program/protein' double helix is a complementary union of the 'nascent' reproduction cell & that of the 'subtle' astral mass of the departing soul - -. These untainted attributes contribute to the divine qualities to the DNA of the new being at birth. The tendencies & traits of this new being acquire corresponding gross human attributes as they grow from the genotype seed to the phenotype tree depending on its environment.

If of course the astral mass - soul were to be in a right orientation & in resonance with the universal rhythm itself, at the instant of its dissociation from the body mass medium on death, it can attain the cosmic vitality & merge with the cosmos - **liberation** - no rebirth.

Replication, procreation, reproduction, co-creation are the normal modes in growth cycles of beings. Transmigration - higher order replication - goes through the medium of human male/female reproduction cells. Transmigration cycle in beings is synonymous with the cosmic desire cycle where the cosmic vitality enlivens the cosmic seed that grows into the tree of Universe & on the ultimate culmination of desire vitality a new cycle gets initiated. Likewise in transmigration of beings the departing soul - astral mass with lingering desire vitality enlivens a reproduction cell of male/female union & using it as a medium grows into a being & on its decay its astral mass with its lingering desire initiates its entry into a compatible reproduction cell of a male/female sex union, to carry on its lingering karma in fresh growth/decay cycles till desire exhaustion.

Kathopanishad - Brihadaranya Upanishad - Bhavagatham

So a male/female union plays a karmic & spiritual role in the up gradation/degradation of the evolutionary progress - . The cosmic desire (mass/energy affinity) serves as the catalyst in spontaneous energy generation (matter / antimatter annihilation) resulting in transformations in non-sentient matters. The lingering karmic desire in the astral mass of sentient being likewise acts as the basis for its transmigration through a compatible womb. It is through these transformations & transmigrations, the form & trait vibrations of the aberrations karmic dissipations of beings perpetuate the supra human form in variations yuga after yuga, as acts of 'cause & effect' phenomenon in an environment where one energy transfer influences the other's vitality.

It is the desire vibrations of the astral mass on death that enables its complementary union with the compatible fertilized male/female reproduction cell (genotype reservoir of forms & tendencies - reservoir of holistic consciousness) namely a union of program & protein as in a DNA double helix, through the process of '**quantum entanglement**'.

If on the other hand, the astral mass complementary pair remains devoid of vitality / desire its matter/antimatter elements get unfolded from their envelopes & attracted to their source of origin - merger with cosmos - liberation.

Soul refinement in transmigration cycles

The nature's cosmic gender union vitality - vitality of the primordial union of the cosmic bindu (potency) & the bija (seed) - perpetuates the replication /reproduction/ transmigration of low order sentient matters. The nature's mutually attracting forces of opposite genders of higher order beings through their union provide the holistic consciousness vitality in the female reproduction cells to enable higher order transmigrations.

Transformations in non-sentient matter & replication / recreation / reproduction / procreation/ transmigration etc. in sentient matter are desire initiated processes that carry forward the cosmic urge for exploring new horizons. In fact by being in resonance with the universal rhythm during their gender union, the human beings can upgrade the reproduction cells with optimum vitality to enable refined transmigration. Further refinement is possible if the transmigrating astral mass becomes coherent with the orientation of the holistic consciousness.

Ironically sentient beings merely dissipate their cosmic energy only in sensory pleasures during gender union, denying nature its chance to enrich the reproduction cells as reservoirs of cosmic genome for optimum evolutionary progress, thus only passing on degradation to posterity. Nature intends a being to strive & improve the coherence of its own astral mass through self-realization, meditation, yoga etc. thus enabling its mass to be in tune with the universal rhythm. When one is in unison with the universal rhythm at the instant of death the soul goes through refined transmigration leading to the birth of a refined soul. Enrichment of human species in particular & social up gradation in general, very much depends on proper orientation & rhythm of the complementary pairs undergoing transmigration. Furthermore, on being in resonance with the cosmic rhythm itself, it is possible for one to even transcend the zone of the Universe & merge with the primary cosmic transfer & attain liberation.

When the self-consciousness of a being gets into the resonance with the universal rhythm through self-willed dispassion, even before the end of a cosmic cycle - fulfillment of karma in the zone of the Universe itself - before pralaya, divinity itself is brought down to the being resulting in jeevan mukthi - worldly bliss.

Thoughts associated with the Absolute at the time of death are conducive for 'refined transmigration' & even merger with the radiance of the absolute.

While so much is possible by human efforts, very rarely do people reach these heights due to ego & lack of awareness –avidhya. Native wisdom says “you do not always get what you want, but are likely to end up with what you need.” This means that nature will any way prevail over ego to ensure basic social needs. It is prudent to wish for what you need. - what the source intended to savor through you without any effort on your part for realizing contentment & salvation devoid of sins. If otherwise, you act on the basis of your ego, you end up in frustration.

To be a co-creator & be in Bliss, you have to be aware of your innate nature & also the part it has to play in the evolution processes.

Energy vibrations that emanate from cosmic radiations have spiritual & social relevance.

Point to ponder

Science has since established that consciousness is a complementary version of matter. Now the probe into consciousness has to be undertaken in earnestness to solve the mysteries about life & its existence.

Anything that exists in the Universe is a complementary pair, for that matter even the traits & tendencies of beings. Researches based on this understanding will give new directions to various research studies to decipher the DNA alphabets..

8. Illusion

Truth - Lila - Maya - Silent Witness - Duality

Truth

Absolute Truth is realized as the eternity of the **cosmic consciousness** by the humanity as a whole.

Truth, which we identify with the Universal Being, must be applicable to whole of the humanity; otherwise whatever we individuals realize as true can never be called truth, at least the truth which the scientists have reached through the process of logic, in other words, by the interpretations of various their conclusions by transient human minds. The nature of this aspect of truth is an appearance, that is to say, what appears to be true to the human mind and is therefore human, may be only called maya or illusion. Truth lies in the rational harmony between the subjective and objective aspects of mind, both of which belong to the Supreme Being. Rabindranath Tagore

*Scientists believe that it is the **pure consciousness** that has brought the total vitality of the matter of the nucleus to existence & are working on the unification of all the laws of nature. This pure consciousness is the Truth, the Eternal. Maharishi Veda vision*

Truth is the eternal reality in the cosmic zone. But in the zone of the Universe it exists as the karmic imprints of its various aberrations undergoing transformations & hence truth in the zone of the Universe appears as an illusion. At best one can realize the truth here as the resultant of all these apparent realities, each relevant for the respective planes of its existence. We need the help of visionaries for the identification of these planes that a common human being will find it difficult to comprehend.

When you experience conflict of reason, intelligence and wisdom, you have to realize that there are different ways of looking at things. Conflicting 'truths' can exist in 'harmony' when they are

recognized as those emanating from one source but belonging to different planes of the Universe each comprising different compatible innate attributes & harmonics of one universal rhythm.

An enlightened consciousness - visionary, the one who is in resonance with the universal rhythm, is inclusive and not exclusive in its nature. The more the one is attuned to the oneness aspect, the more he is able to perceive the truth about reality existing in diversity. Enlightenment implies appreciating with equanimity a unified outlook that accommodates diversity in the manifestations & also the differentiating outlook that recognizes 'oneness' as the backdrop for all that exists. These visionaries only have clarity in perception.

Truth is hence to be understood only with the guidance of visionaries, gurus & counselors. Once this is done, your actions however are to be based on your dharma. For this also many need the assistance of Gurus. Gurus are the back bones of the society.

In simple terms, Truth is any a reality which, when we believe in, empowers our ability to envision & control any aspect of the objective world, without decreasing our ability to predict and control any other part of the objective world. Illusion is the information which, when we believe in, decreases our ability to predict and/or control any part of the objective world. It is to be realized that soul & Atma (pure consciousness) function as a complementary pair. This means each & everyone makes a complementary pair with truth. There is then no room for pessimism at all in God's creation.

Divine lila - Divine play of thoughts

The random fashion with which various events occur in the environment baffles both science & mysticism. The former looks for its solutions through theories on probability & the latter believes in some order behind this random behavior & is optimistic in recommending various possibilities to manage this situation.

Vedantic philosophy without any ambiguity attributes this order behind randomness to **Divine Lila** - Divine desire "**let me be many**".

Divinity projected the Universe as its divine play field in which all the possibilities are explored by the beings as its representations. The intended ultimate goals are **salvation, co-creation, bliss** etc. according to one's innate karmic traits. The basic game norm is '**unity in diversity**'. The game is played either individually or in groups. No one competes against the other as the goals are diversified according to the entity's salient karmic imprints speculation. This truly is divine **lila**, a concept that answers the question '**why creation**'.

All the world's a stage, And all the men and women merely players; They have their exits and their entrances - William Shakespeare.

Play is the very outcome of thought. Failure to appreciate the above is actually one of the major blocks to creativity. The Universe - divine play ground is a manifestation of this eternal truth. The notion that falseness can creep in this play of thought is depicted in the words 'illusion' & 'delusion,' but a thought which emanates from the 'vision' of the nucleus is invincible & here

lies the secret of divine creativity born out of **dispassion**. Thus thoughts play a prime role in the generation of desires.

A visionary does not strictly have an agenda. His activity is not based on problem solving efforts but remains simply as 'play of thoughts in dispassion'. Within this play it is not always taken for granted that any fresh input must always be either different or must in a significant way be similar to the previous ones. The more different they are the greater becomes the visionary intelligence in perceiving similarities in them & the more similar they are the greater becomes the worldly intelligence in establishing the differences in them. This intellectual expansion is the source behind the innovations & the creation of newer & newer horizons by the players, where free will flourishes in **dispassion – No Ego**.

Though all the aberrations of the divinity are endowed with all possibilities, there seems to be no guarantee of success. This makes the game highly speculative. At the outset it is a paradox. But the lila infuses optimism in all the human beings engrained with autonomous powers for realizing all the goals in the realm of possibilities & remaining in this realm it self-is enough for one to be in happiness irrespective of goals. . This is the Lila's glory.

The general movement of consciousness in the Universe is towards self-awakening: to find the self, to realize the self, and to engage the self-in the divine play. All the tendencies of **ego** must be transcended to achieve one's goal. Once this is done, one is at once left free with his own consciousness to pursue his goal through self-realisation.

This play of achieving the possibilities, progresses through the replication of nature's karmic desire imprints engrained by all the entities. As & when an entity gets enlivened & becomes a sentient & autonomous being, the first thing its self-consciousness recognizes is its I-ness - **ego** - imprints. Evolution intelligence progresses further on the basis of the gender union refinements & the up gradations of the body & mind masses of the entities. But selfish ego sways its self-consciousness towards negative orientations causing disruptions to the play.. The **collective consciousness** - the resultant of all the active self-consciousness of the beings - - governed by the universal rhythm oversees the quality of the game as a play field referee. This is nature's inbuilt safeguard that regulates this evolution game.

Evolution, as described here, is the outcome of Lila. Coming out of the nescience of the material Universe, one can recover his identity through self-awareness. Continuing to maintain that divine awareness during one's life time empowers him self-to attain supreme possibilities. This is the secret behind evolution. Our task as individuals and as groups is to grow from what we are now to attain the ultimate powers as co-creators. This attainment of Super humanity by human beings brings to culmination the intent of Divine Lila.

Divine lila - 'innocent play of thought of Divinity' - is not to be taken lightly as the word lila denotes. It is born out of the true vision of the divine for keeping the evolution cycle going withal its safeguards in its own momentum. That is the power behind this play that offers scope for a limitless varieties with unlimited potentials.

Maya

While '**Lila**' answers the question "**why creation**" has come about, "**maya**" answers the question '**How creation**' sustains by itself.

Because of the primordial disintegration of the cosmic nucleus & the consequent space gaps within the masses of its aberrations, the energy vibrations of the entities happen to exist as various harmonics of the universal rhythm & yet remain in overall harmony. However due to the progressive depletion of evolution vitality in all the entities till involution, the masses of these entities undergo cyclic transformations, mutation etc. This phenomenon i.e. the universal matter existing as harmonics of the universal rhythm & undergoing cyclic transformations, is termed **Maya** - illusion - . The forces of maya attribute harmonious meanings to these vibrations & enable all the beings to recognize & experience them accordingly while maintaining with the right relationship with one another & savour the worldly panorama.. This perhaps is the nature's precious gift to mankind for it enables the projection of a diversified universal panorama in limitless vibrations intended for the delight of the beings by empowering them with requisite faculties for savouring these vibrations in harmony. At the same time the **ego** urges in the beings while enlarging the diversity in the panorama, cause disruptions to harmony. However the maya forces are empowered to ensure the basic environmental order through the collective consciousness making the Universe an orderly play field. *It is worthwhile to note that in the cosmic zone, the immutable divine forces radiate with instant precision such that there is no scope there for the beings to savour these gratifications.* Lila & maya go hand in hand in the fulfillment of cosmic desire in the Universe.

All the projected sentient & non sentient matters of the Universe big & small, each of them existing as whole entity, as a representative of the source itself, are meant to discharge self-sustaining autonomous energy transfers according to maya forces. But some tend to 'play God' egoistic self-projection, with the conviction that they are in total control of their actions avidhya - ignorance - . . . Ultimately when they realize the truth, that only the cosmic transfer sustains overall harmony & their karmic order through the 'cause & effect phenomenon' i.e. through the universal rhythm that keeps the tendencies & traits of all matters in constant transformation & transmigration, it becomes clear that the ego of the individuals play an insignificant & futile role in the overall scene. The Universe is only an illusion & a karmic playground where some egoistic entities can even sport extreme but with futile possibilities only. The consequent karmic & ego conflicts that occur in nature appear as chaos - maya - & how they are resolved by natural laws, impart spiritual lessons as enumerated in the Puranas & Ithihasas - ancient scriptures. The knowledge thus derived is the very essence of Dharma Sastra.

Manas sakshi - Silent witness

"[O]neness grows as many" & "wholeness remains wholeness even after a portion is taken away that it self-is a wholeness." Isavasya Upanishad

This implies that the evolution is self-propelled & goes on by its own momentum eternally. The creator stays as a silent witness from then on.

“Two inseparable birds sitting on the same tree side by side, while one is enjoying the fruits of the tree the other, the invincible one, looks on silently. When in sorrow the first bird looks at the other one & realizes its invincibility” - Mundaka Upanishad

This is a vedantic portrayal of the complementary pair of jeevAtma & paramatma (soul & Atma). This analogy fits in perfectly with the definition of a DNA double helix.

In a DNA complementary pair, the base from the active strand “pairs up” with its mate from its complementary passive strand to make a double helix. This normally replicates eternally perpetuating its continuity in existence. Thus the active self-consciousness of soul mates with its complementary version from the passive holistic consciousness of nature available instantly at all times. The self-consciousness plays the active role in action completion. Its passive complementary i.e. the holistic consciousness of nature (Atma) only plays the role of a silent witness even though its vitalities are holistic & invincible. However the stability of one’s action completion effort is affected to the extent to which the orientations of the self-consciousness are not in unison with that of the holistic consciousness.

That much is the control the Atma can have on the actions of the soul. Truly it is silent witness though invincible.

“I cannot conceive of a personal God who would directly influence the actions of individuals, or would directly sit in judgment on creatures of his own creation.” Einstein, a believer

“The laws may have been decreed by God, but God does not intervene to break the laws” Stephen Hawking, a nonbeliever

Duality

“A micro atom on probing minutely shows up as a cluster of complementary pairs of particles” according to scientific research. Every particle has an associated, hidden "pilot wave" which served to guide its trajectory through space. Einstein

A change of parameter of one particle can instantaneously change that of another particle that may be light years away, if the particles are an entangled pair. Quantum theory

The presence of all the duality traits in the Universe is an essential part that sustains nature’s stability. Divinity is present only when the differences within the duality traits are ‘subtle’ when the complementary traits function in optimum coherence. Prasna Upanishad

The components of the complementary pairs function jointly for action & storage of information, one aiding the other simultaneously. Yet they are independent of each other & are not competitive.

In a complementary pair, the traits of the active strand mate with those of its passive strand to enable action completion with enhanced power & stability. This principle is empowered by the spontaneous availability of passive complementary traits from nature’s holistic consciousness.

Apart from ensuring stability, the essential function of duality is that it both causes behavioral actions and also stores their creative information as in DNA replication. Single cells are not known to possess this strong innovative behavior. That is why it took single cells three billion years to evolve into the metazoa.

Parabrahmam, the source, the cosmic nucleus it self-is a self-healing complementary pair in growth/dissolution rhythm. When it “desired to be many” it manifested with pervading vitality in various orientations, stabilized with “right/left” - “up/down” versions etc. So much so all its creations exhibit complementary similarities along their energy flow axes. Nothing exists, not even the traits, tendencies etc, without their spontaneous complementary versions that assure stability.

The Hindu world view holds the cosmos to be holonomic and symmetric, but within that symmetry the existence of complementary principles dualities, two opposites etc. are recognised. The Supreme Reality is an indivisible whole, but within that unity of the whole there exists a fundamental dualism: of a male principle Purusha and a female principle Prakriti. Various represented and described as Purusha Prakriti and Shiva Shakti pairs, these two complimentary principles also represent the active & the passive aspects the matter and the energy the subtle & the gross and the right and the left etc. This self-stabilizing principle underlies the evolution in totality.

In ‘oneness’ one can by instinct visualize the complementary pair & in ‘duality’ there exists ‘compatibility with stability’. Every active aspect, even a point of view, has its inherent & spontaneous passive, stabilizing version that is readily present because of duality. In the balancing of these dual components one can experience absolute harmony which is the very essence of cosmic nucleus - divinity - according to “charge parity violation theory” . .

The quest of science consists in trying to understand the cosmos. We can see, observe, study and analyze only the known part the Universe. The other, the unknown part, is invisible, as unmanifest and unobservable? The rishis (seers) of Hindu philosophy pondered over this question in the Vedas & declared thus: He created a portion of Him self-as this Universe. Where is the left over? Is it the black hole, its complementary version?

Masculine / feminine pair

The most subtle & the least understood aspect is the difference between the primordial characteristics of masculine & feminine attributes. The integration of the masculine & the feminine aspects within the same being generates some of the profoundest accomplishments & insights with beautiful resonance for spiritual & physical progress of the evolution. Nils Bohr

In Hindu scriptures the divinity is portrayed as **Ardha nareeswara** - right half masculine & left half feminine. This is a **personification** of nature’s **gender union vitality - holistic consciousness**. Sentient species replicate/reproduce when the active consciousness of the propagating cells mate with the holistic consciousness to become a complementary pair. The **reproduction cells** of the male /female gender unions of beings act as the source for **holistic**

consciousness in the transmigration of their souls in the higher order beings. The human gender union has a **divine** significance.

Point to Ponder

The one question for which convincing answers are elusive to believers & non-believers both, is about the cosmic wisdom of the Absolute (whom we consider invincible & also the embodiment of all that is goodness) that allows room for unpredictable imponderables in the Universe despite its ability to maintain precise day to day universal order.

Even though the 20th century science waccording toplexed with the randomness existing at the quantum levels, science can now predict the averages / trends of all the random fluctuations at the micro level. These averages make up the everyday world of objective reality at the macroscopic level. Even a renowned scientist like Einstein could only offer the following as his comments on the ‘randomness of particles at the quantum level’ & the ‘quantum entanglement’ of remote particles.

‘God does not play dice’ - “spooky action at a distance” etc.

He never ruled out at any time, an underlying basic order as other scientists. This is due to his mystical leanings, being a believer of God of Spinoza.

Recent developments brought out by the “hidden variables theory” & “charge parity violation theory” are establishing the presence of cosmic intelligence & a basic order in the creation process.

Vedanta with optimism attributes this randomness to ‘divine lila’ - divine play of thoughts – that projected the Universe to fulfill its desire “**let me be many**” & explore diverse possibilities. Had the Universe been planned according to the type of order which the scientists would like to have, the Universe would exist according to a **divine plan** instead, with only a limited diversifying panorama without speculative possibilities. **Divine Lila** - pastime - is the outcome of the thoughts that evolved from true **vision** of the absolute & not out of transient illusions. Lila is often taken in a lighter vein. This lila is a serious spiritual truth. Being a projection out of its urge to savour the diversity, the Universe shows up as the eternal panoramic play field displaying all the forms & traits, including the anomalies & imponderables that contribute to the diversity. These include the undulations caused by the interactions of nature’s the cosmic forces & also the egocentric energy dissipations of the autonomous beings, the totality being governed by stable universal order.

The dispassionate & invincible universal rhythm through its coherence also empowers the **self-& collective consciousness** to directly intervene with the anomalies, on an individual & selective basis through its active traits. Moreover all the entities have to exist in the complementary pairs mode only & this feature assures stability & safeguards from excesses arising out of anomalous traits & tendencies. The environment thus evolves by it self-with these controls nurturing all the compatible traits only. The negative oriented ego anomalies & imponderables are evened out by the coherence of the universal rhythm which derives its powers from the cosmic radiations. Being totally dispassionate in its nature it cannot act on a selective basis. If the need arises it can

even empower the active collective consciousness of the environment to emerge as a savior - **avatar** - .

‘God is blind,’ ‘god’s ways are strange,’ ‘god plays dice,’ are some of the remarks made to give vent to people’s frustrations. These only reflect the levels of their understanding of divinity’s nature..

God is **holonomic (wholeness grows as its parts which still remain as wholeness) & autopoietic (Oneness creates many & many creates the oneness).**

Hence there can be no room for doubts about the divine wisdom. Moreover this evolution cycle is meant by god to go on & on eternally & without need for his direct intervention.

9. Panorama

The nature’s diversity manifesting in the all-pervading ‘complimentary pairs,’ thus brings to exposure the panorama through Varna (shades)& Gunas (traits), that means projection of the divine presence in the Universe with all its diversity. If a human energy transfer can be enlivened to be in resonance with the universal rhythm & also further on to be in orientation with that of the primary transfer, the mass content of the ‘energy/mass’ union of an entity can acquire invincibility through cosmic radiations & attain the coherent glow aura tejas. This adds further brilliance to the panorama. When all these energy vibrations acquire such a quality in their coherence together i.e. when all the energy transfers in an environment tend towards dispassion radiating all round glow, invincibility pervades the environment itself. This is the ultimate human possibility that can enable the transcendence of cosmic radiations - invincibility down to the Universe - ‘bringing the heaven down to earth’ - ultimate realization of cosmic desire - descending of an avatar.

These diverse pairs are autonomously capable either individually or collectively upgrade/downgrade their mass contents, based on their innate karmic imprints & self-will. ‘Nature’ of the self-of a being can influence ‘Nurture’ in the environment or vice versa, depending on their comparative vitality strengths & this opens up extreme possibilities. This aspect contributes to the vitality of the collective consciousness & through this to the grandeur of the universal panorama.

Accidents & disasters happen due to overwhelming impact of individual or collective consciousness of entities sentient & non sentient i.e. the resultant of all the energy transfers of a particular environment, leading to the breakdown in harmony of the self-referral dynamics in that location. Even in such cases the overall harmony is any way maintained by the coherence of the universal rhythm that again is governed by the invincibility of the cosmic energy transfer. The pervading & enlivening vitalities of light & sound cosmic OM reverberations thus sustain the totality eternally.

Collective will power vairagya of the autonomous sentient masses plays a big role in realizing this self-healing possibility bringing the karmic dissipations in harmony with the universal

rhythm & from thereon with the cosmic transfer i.e. transcendence of collective will power beyond the realm of the Universe reaching heavenly heights, that means also upgrading the earth's environment to that of the heaven, ascendance of universal vitalities to that of the cosmos. This ultimate transcending phenomenon brings the merger of worldly & heavenly bliss.

10. Cosmic Intent

“Let me be many” desired the absolute. Thus the Universe with all its aberrations came to being. The intent of the Absolute is that the Universe should exist as a diverse panorama & not as a dull monotony which it can savour through the human beings as its representations. The intent's optimum level is reached when cosmic rhythm prevails in the Universe unhindered i.e. when all karmic traits as encoded in their DNA namely the respective swabhava & swadharma of the beings are adhered to so as to create an environment devoid of sins leading to their salvation in a natural manner. ‘Desire’ & “unity in diversity” are thus the basic operating parameters of the Universe.

All the entities of creation are aberrations of the cosmic nucleus engrained with cosmic potential to engage in autonomous energy dissipation. With this vitality prevailing in the environment the possibilities exist for the establishment of following social orders such as survival of the fittest, ethical, moral, secular, spiritual etc.

Dharma Sashttra, the Ethical Codes based on natural laws, the laws that are voluntarily accepted, guide the ethical society for ensuring harmony, serving the basic cosmic intent. Moral codes / Rational norms etc. aiming at organized productivity, by contrast lay down mandates implying coercion. Secular Codes nurture optimum creativity in ethics. self-realization is nurtured in a spiritual society leading to bliss. The cosmic vitalities adequately empower all the entities to realize this possibility.

The intended way in which the sentient matters human beings have to progress in the evolution process is to exist as divine representations adhering to swabhava & discharging swadharma by not disturbing other energy transfers. Nevertheless, the ego based autonomous negative oriented energy transfers of beings impose counter creative influence in the environment. These energy dissipations exercise influence on one another & hence the collective consciousness which is the most powerful worldly phenomenon evens out these anomalies in the natural course.

All the sentient matters of the Universe when they realize that they come under the ‘cosmic oneness’ empower themselves individually & collectively, through the coherence of will power - vairagya to become co-creators. Nature's intent is to establish a productively blissful society by these co-creators & it is up to the collective consciousness to strive & meet this end.

“(desire/willpower)→ (manifestation/creation)→(fulfillment/bliss)” cycle forms the essence of the evolution.

If the energy transfers do not take place according to above intent, karmic cycle may end in disruption e.g. (selfish desire/will power) → (manifestation /disruption)→(futile fulfillment/frustration).

Nature's intent, purpose of evolution itself, is that human beings shall either coexist, realize salvation & be in contentment as divine representations in harmony or if they choose partake in co-creation activities in bliss & thus progressively upgrade themselves through transformations/transmigrations. Intense will power - dedicated yoga practices, pranayama, transcendental meditation etc. are some of the tools to realize the above objective.

Ironically some individuals more gifted with the nature's intuitive & occult powers become **self-deceptive** to '**play god**' in actually directing this special vitality against the universal rhythm - counter creation for selfish interests - .

Some who are obsessed with selfish passion - ego - direct their action traits in negative orientations for transient ego gratifications. Some others with mistaken ideologies, for getting away from karmic anxieties, even strive to attain 'liberation' & merger with the cosmos through intense transcendental spiritual efforts. These exercises fundamentally defeat the intended karmic & social purpose behind evolution.

The divine intent after all is to bring the heaven down to earth - bring blissful horizon here & now by one & all & not for anyone to transcend the zone of the Universe to merge with the cosmos, serving no karmic purpose in the Universe. Isa Upanishad

Point to Ponder

Divinity it self-pervades in its panoramic vitality & also in all entities in their basic building blocks enlivening their sensory & motoring organs enabling them to savor its panorama. Can there be any other scheme of arrangement that will help realize the cosmic intent any better?

11. Cosmic Wisdom

Scientific research in the Newtonian era was directed towards gross levels of matter & they were able to establish predictable formulae for the nature's forces. Hence they perceived the existence of a nature's order in the evolution process. But in the Einstein era they found unpredictable behavior of quantum particles & were confounded with the "uncertainty principles", 'probability theories' to get over them etc. Even an ardent believer like Einstein could only defend him self from his critics by saying "God does not play dice". Science interpreted developments as random behavior by casting doubts about the cosmic wisdom behind the god's creation it self-ruling out any hope for the future. It leaves for us only the probability theories with which we have to sustain further.

There are at the same time other scientific theories that give us the necessary hope by proving the existence of "**no charge / parity violations**" (absolute complementary pair compatibility) in the **quantum foam - cosmic nucleus** - prior to **Big Bang** - The disturbance caused to this harmony by the '**quantum fluctuation**' - **cosmic desire** - created the Universe comprising all the aberrations of the nucleus, that got tainted with various shades of 'charge parity violations' due to the forces of Big Bang & this accounts for randomness we experience in day to day life.

However the cosmic desire perpetuates the matter/antimatter compatibility of the source - **quantum foam - cosmic nucleus** - in the Universe also to maintain an overall order.

The vedantic axiom “Cosmic desire for self-existence as many is the cause for our existence” declares that each entity is an aberration of the cosmic nucleus infused with the invincible complementary vitalities of the divine & is also engrained with salient divine imprints that can be empowered by self-will - meditation - pranayama - yoga, etc. This emphasizes that the world is a spiritual arena & is full of **possibilities**, without any ambiguity. In fact by being in the realm of possibilities alone, whatever be one’s goal in life, one can attain happiness. This is the glory of this vedantic axiom.

According to this axiom the absolute mass evolved as its aberrations with various I ness imprints for carrying out its various karmic functions, in eternal replication cycles, with each one of them being infused with its prime faculties vision & vitality (self-healing rhythm & pervading orientations). These aberrations represent the supra form’s various shades & traits & function as the harmonics of the universal rhythm making use of their sensory & motor organs in their desire gratifications.

The ‘complementary pairs functioning’ of the nucleus is present in various shades in all the entities aiding in their static & dynamic stability.

These entities encased in their salient space envelopes savour the karmic gratifications as salient representatives of the nucleus eternally. That means the inbuilt vitality & stability in all these aberrations replicate their salient imprints in them even while undergoing transformations & transmigrations. This feature ensures the sustenance of the ‘**oneness**’ & ‘**holistic**’ nature of the Universe right from the very inception. Each & every part of all that manifests, is engrained with the cosmic capabilities of the cosmic nucleus it self-making the Universe a self-evolved product of **intelligent design**.

At the instance of Big Bang, “Intelligence” of the cosmos radiated the release of only **1/4th** of the Absolute according to voiding ‘mass & energy’ unions as self-sustaining ‘complementary pairs’ in varying orbital motions bringing to exposure a harmonious panorama as the Universe. This self-sustaining Universe is in turn stabilized by the cosmic vitality of the remaining **3/4th** - unmanifest singularity - -black hole.

“The wholeness remains the whole even after removal of its portion which is wholeness.”
Isavasya Upanishad

These features go to reveal that all the ‘forms & shapes’ - attitudes & tendencies - of all the projected complementary pairs when integrated backwards, could represent the cosmic form of the supra human, the absolute. The cosmic intelligence associated with this holistic growth of evolution is evident through the adaptability, versatility & even the invincibility traits etc. evinced by the human beings, the closest representation of the divinity, while engaging in their karmic duty cycles & also during their dedicated efforts to gain transcendental awareness that empowers them for co creation activities. These potentials can even be made to become as versatile, as that of the divinity it self-since the basic building block in all the entities is a part of the holistic nucleus. This makes the Universe the phenotype tree growing out of the genotype

cosmic seed in an environment full of wide range of co creation possibilities - a blissful panorama - as against the present day's scientific conception of the Universe as an environment of probabilities.

The evolution is karmic desire driven & this desire urge ensures salvation to all the entities when they exist according to their swabhava - innate nature & adhere to their swadharma - innate karma - i.e. when they are devoid of sins. This is the nature's prescription for happiness without any effort from individual beings.

A precise day to day planetary order is being maintained ever since Big Bang by the coherent cosmic radiations in dispassion through the universal rhythm. Even in extreme cases of violent disturbances to local harmony, the collective consciousness of that environment can even self-actualize & emerge as an avatar to directly intervene & become the savior to establish harmony. That much is the self-healing vitality of nature.

Point to ponder

The evolution is mainly karmic desire driven & when this desire becomes selfish passion - ego - the human traits tend to be in negative orientations to that of the nature bringing in anomalies in the environments. But they are routinely evened out by the dispassionate vitalities & the coherence of the universal rhythm.

It is up to the collective consciousness to draw a line as to how much of the ego traits of beings (that otherwise contribute to the enlargement of the panorama) can be tolerated in the environment to meet the individual aspirations.

The true intelligence according to the cosmic intent lies in the collective consciousness that makes this a place of possibilities as against probabilities.

Unlike the nature's vitality forces that pervade in total dispassion, the collective consciousness of the environment is active & is empowered to directly intervene in all the anomalous action traits that cause disturbance. The environment thus evolves by its self-with these direct controls that nurture all the compatible traits only - not the negative oriented ego dissipations, thus showcasing an optimum diversified panorama. The collective consciousness having intervening controls over all the ego action traits holds the key to environmental harmony.

Hence there can be no room for doubts about the divine wisdom in the creation & sustenance of the Universe. Moreover the evolution cycle is meant by god to go on & on eternally & without need for his direct intervention.

Cosmic intelligence is a higher dimension of intelligence that nurtures the qualities and vitalities of the souls to be in right relationship with wisdom, compassion, integrity, joy, love, creativity, and peace in the surroundings by giving a sense of deeper meaning to purpose to life.

In the worldly sense the spiritual intelligence is enhanced when intellectual and emotional intelligence are exercised with the soul awareness that means with an awareness of your inner personality with a corresponding shift from the ego to its soul. This way you gain a greater

clarity of mind. This wisdom realises your full potential, through your living by your soul, and thus transforms your life's destiny that would otherwise be dragged by your ego.

The creation of all the self-replicating entities in the Universe indicates cosmic programming of goal oriented concepts of its innovative design. Minor experimental and evolutionary tweaking and upgrading of these nature's design, do not in any way compare with the landmark appearance of the fundamental DNA code that signaled the arrival of the human species endowed with the capacity for intelligent thought. As science discovers more about genomic structure, we will want to re-engineer human DNA, perhaps even the DNA of other biological organisms. Some re-engineering may take the form of cosmetic adjustments, health enhancement, or be dedicated to producing a 'super species' perhaps an intellectually superior species. But all this may be a form of 'patching' up with the 'code of the cosmic nucleus' that originated human DNA.

Ultimately, we may build beautiful machines, indeed proxy humanoids, that surpass our biological limitations and which our brains, spirits, souls, and consciousness will be eager to occupy. Our intimate relationship with DNA, our origin and its origin, draws us inevitably into a quandary that demands resolution. We conclude that, although it is pivotal, DNA operating alone cannot account for the complexity of living matter, the cycles of life, or their origin. We are evidently here by a design and governed by rules that overcome entropy and bring order out of chaos, order that finds at least a provisional zenith in the human mind and its intellectual capacity and achievements. It is the patent existence of a pattern of rules that inevitably suggests a guiding hand outside the physical realm, namely the "cosmic" realm.

(Continued on Part IV)