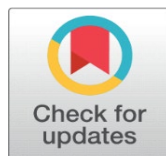


ORIGIN OF LIFE UNRAVELLED

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ABSTRACT

A clear meaning of "Life" is even more important for these two than the "Origin of Life," which is crucial to "Evolution" itself as an emergent property of matter where biology transcends computation. The idea of panspermia as a metaphysical proposition is in fact a scientific reality when one considers 'Jyotish' (Vedic Astrology). In the present study, it is established that the rationale behind the subject of Jyotish (A Vedāṅga) is astronomy, and its life side is astrobiology, the study of how electromagnetism interacts with matter to describe "life" as an emergent property of matter. The current study of panspermia focuses on the two most important aspects of advanced complex life on earth: the Cambrian explosion and the emergence of an even more complex and intricate human brain which refutes Darwin's Theory of Evolution and Natural Selection. Solar disturbances and their particle emissions are the most likely link between biological and extra-terrestrial events in both the Origin and Evolution of Life.

Keywords: Origin of Life, Panspermia, Jyotish, Electromagnetism, Cambrian Explosion, Human Brain, RNA World, Evolution, Natural Selection

1. INTRODUCTION

Origin of Life is the tenacious question in science. What is the Secret of Life, considering how life began on an otherwise dead planet? Life exists in the whole universe imperceptible to the naked eye except on the Earth. All life is energy with low frequency, perceivable in physical form, is unique and exclusive to Earth because of its magnetic field even though earth is departing from Copernican and Anthropic principles. The subject of 'Jyotish' affords the answer to Panspermia origin of life as it appears today on earth. This study affords scientific understanding

of the origin of life of all species including human beings who are uniquely special and the evolution on Earth.

Dr. James Tour destroys evolution by claiming that scientists are unable to put together a cell's components in a contemporary lab, let alone outside, or even in a rock or pool, even using a cell that just died nor can they revive it back to life [Pinterest \(2023\)](#). Every cell has the ability to duplicate itself with the aid of digital instructions stored in DNA. Modern digital technologies and DNA share traits such as digital layers of encoding, decoding, and data storage, as well as error detection, correction, and repair capabilities, as well as the ability to adjust creatively. Every cell has the ability to replicate itself with the aid of digital instructions stored in DNA. With layers of digital encoding, decoding, and data storage, as well as error detection, correction, and repair powers, modern digital devices share characteristics with DNA. How did the first cell come about is a big question. The more fundamental question is Where did we originate from? Where did the information come from? How is the information encoded in DNA? 'How does DNA store information?' An answer may be as big as the discovery of transistor or the discovery of DNA itself. How can evolving cells "know" how to change? What skills do cells have that we lack in? What causes consciousness to exist? Are cells conscious of themselves? It's unclear how the first cell was created. A solution might be as significant as the transistor or DNA discoveries. All these questions have been answered in this study in all of science but noting prohibits solutions from a faith which is based on all of science (Jyotish), a Vedānga of Hindu Vedic Paradigm.

The study of Jyotish (Vedic Astrology) is worthwhile for any civilised country, and the enormous minds of ancient India deserve recognition for their labours in this area. Leaving aside the myths that still exist regarding the origins of science, the best minds of ancient India, including *Parāśara*, *Gārgi*, *Sūrya*, *Vyāsa*, *Vasistha*, *Atri*, *Kaśyapa*, *Jaimini*, *Manu*, *Varāhamihira*, *Bhṛigu*, *Ārya Bhatta*, *Satyāchārya*, *Vidyāranya*, *Yavanāchārya* and many others. These illustrious men, judging from their works about Jyotish (Vedic Astrology) have said the last word on the subject.

The "think tank" believes that astrology is "nonsense" and should not be taken seriously. They believed that in order for astrology to be taken seriously, it needs to obtain academic credentials. The academics questioned the need for astrology to have a role in higher education. After all, it exhibits no desire to be associated with scientific disciplines. After all, it demonstrates no interest in being connected to the arts, the social sciences, or any branch of science (not even astronomy, biology, psychology, or statistics). In fact, the think tank took notice of dictionaries that described astrology as "nonsense" and not to be taken seriously. [Rao \(2015\)](#).

2. SCIENCE AND HINDU VEDIC LITERATURE (SĀSTRA)

Science and Sastra are not essentially at odds with one another; rather, they are both components of the same grand quest for knowledge and enlightenment that motivated Hindu sages. For a peaceful existence here and beyond, scientists may turn to religion for comfort, but they should stick to the theories that already exist in science. Science and spirituality make a wonderful partnership and amply demonstrate the need for close collaboration.

In contradistinction to Robert Shapiro's assertions that scientists might take recourse to religion for solution, that he would stick to existing scientific explanations [Robert Shapiro \(1986\)](#), many stalwarts of science and highly respectable authorities in their own fields to name a few such as Carl Sagan (1934-1996) of Cosmology, Arthur Holmes (1895-1965) of Geology, JBS Haldane of

Evolution, Alan Watts of Indian Philosophy have an immense praise for the uncanny ability of the ancient Hindus and Hindu Religion.

Astrophysicist and cosmologist Carl Sagan (1934–1996) asserts that Hindus believe the universe is cyclical and has a lifespan of billions of years. He also recognised that Hinduism makes reference to the universe expanding and contracting, which is consistent with modern cosmology [Subba Rao \(2017\)](#). According to Stuart J. Inglis Stuart (1962), the ancient Hindus created a calendar that encompasses spans of time up to 4.32 billion years, which is supported by the branch of nuclear physics based on the half-life of uranium 238 and lead 206; The ancient Hindus' calculation of the age of the earth and the cosmos in their holy text "Manusmriti" was done with great accuracy, according to Professor Arthur Holmes (1895–1965), a geologist (Hinduism and Scientific Quest, by T. R. R. Iyengar, p. 20–21). [Iyengār \(2020\)](#); and British evolutionary biologist, J.B.S. Haldane had been awestruck by the 'striking' similarity of Dasāvatāra (ten incarnations) of Hinduism with the vertebrate evolution.

3. JYOTISH, A VEDĀNGA, IN THE QUEST OF ORIGIN OF LIFE

The most puzzling issue in science is "Origin of Life." 'Jyotish', (Vedic Astrology) unravels the mystery. Jyotish is not the faith and 'God of the Gaps'. The subject of Jyotish is perfect science. In the present study, God (Sun) is not proposed as an explanation for gaps in the current scientific account of creation as 'God of the gaps' but providing a more accurate and genuine gap picture of the relationship of Nature with the aspect of reality in question in pure terminology of science help in understanding the processes associated with the life. For instance, human biological clocks and human female menstrual clocks keep time with the planets. Any number of theories may be demonstrated to be false from the perspective of the philosophy of science, but it would be bad science to draw the conclusion that no astrology hypothesis can function.

Where did we originate from? has always been a subject that mankind has pondered. How could life have arisen from a collection of inert organic components, minerals, and water? International scientists, many of whom are chemists, who believe that life arose spontaneously from a mixture of chemicals in a prebiotic environment concur that more research into the spontaneous genesis of life is required. "In principle, biology today is no more thoroughly known than physics was a century or so ago. The guiding vision in both circumstances has (or has) come to an end, and a new, deeper, more energising portrayal of reality is (or was) required."

The renowned Miller—Urey experiment (1950) showed that abiogenesis, the process that results in the development of living organisms from inorganic chemistry's non-living substances or abiotic matter, could be created through an electrical discharge that caused lightning (Miller 1953). The idea of panspermia as a metaphysical proposition which holds that there are life-bearing organisms in space that can start living once they find a suitable habitat (especially the Earth) is a fact of Physics in Jyotish. Electromagnetism, one of the four fundamental forces of physics at work in the universe, is the criterion when one considers the rationale of 'Jyotish' (Vedic Astrology), one of the six Vedāngas belonging to the four Vedas of times immemorial. The design of the zodiac and the genesis of all principles of Vedic Astrology are governed by the principles of light optics of Physics. In the present study, it is established that the subject of Jyotish is the derivative of Astronomy, and its life side is Astrobiology. 'Jyotish' is defined as interaction of electromagnetism with matter [YVS, \(2019\)](#), [Rao \(2015\)](#). By tying together, the periodic table, the atoms that are accessible to us in the universe, and life as an emergent feature of matter, it

is possible to imagine how life could have developed from non-living inorganic chemistry. The evolution of an even more complex and intricate human brain on earth and the two most important aspects of advanced complex life of the Cambrian explosion can only be addressed by advanced panspermia.

4. RATIONALE BEHIND THE SUBJECT OF ‘JYOTISH’ (VEDIC ASTROLOGY)

Among the four forces of Physics, the basis for the genesis and evolution of life is electromagnetism. The subject of Jyotish has selectively adapted certain constituent members of Solar System and certain Star Constellations of the Zodiac for its studies.

4.1. RATIONALE BEHIND THE SELECTIVE ADAPTATION OF CERTAIN CONSTITUENT MEMBERS OF SOLAR SYSTEM INTO JYOTISH

The North and South Lunar Nodes (the two points where the orbits of the Sun and the Moon intersect) and the Sun (a star), which are solely responsible for the sunlight on Earth and its effects on our planet Earth and all life (flora and fauna), are the rationale behind the selective adaptation of certain Solar System constituents, namely the Sun (a star), Moon (a satellite of the Earth), Mercury, Venus, Mars, Jupiter, and Saturn (planets) [Figure 1](#).

The Sun shines directly on Earth, which is a moving telescope, and Mercury, Venus, Mars, Jupiter, Saturn, and the Moon, which is a satellite of the Earth, all reflect sunlight. The moonlight is modulated by the two points. For the simple reason that incident sunlight on Uranus, Neptune, and Pluto is so negligible, these planets are left out of the research. With its typical frequencies, wavelengths, energies, and resonances, sunlight is an electromagnetic pulse of light [Figure 2](#).

Figure 1

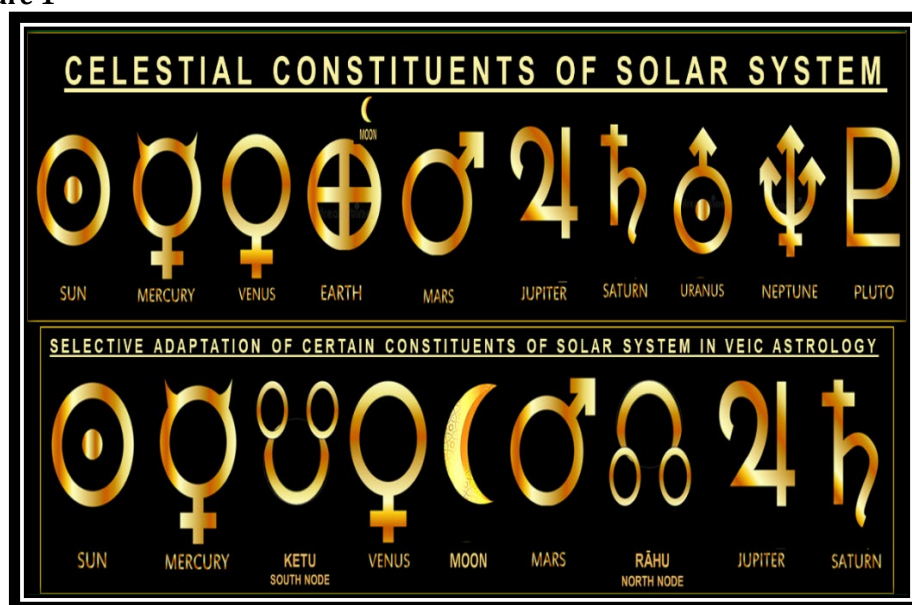


Figure 1 Selective Adaptation of Certain Constituents of Solar System

Figure 2

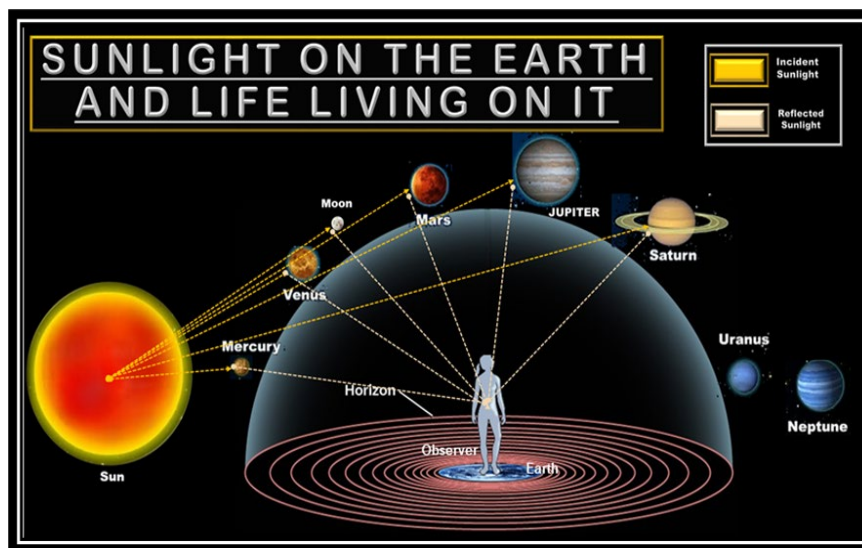


Figure 2 Sunlight Incident on the Planets and the Reflected Light from them onto the 'Earth and all Life Living on it'.

4.2. RATIONALE BEHIND THE SELECTIVE ADAPTATION OF CERTAIN STAR CONSTELLATIONS IN THE ZODIAC AND THE WHEEL OF LUNAR CONSTELLATIONS INTO JYOTISH

The 88 bright star constellations defined in Astronomy lying at random in the Zodiac, are adapted by the ancient Hindus and regrouped them into 27 Constellations, each of $13\frac{1}{3}^{\circ}$ extent along the ecliptic, which distance the Moon transits in 24 hours. Further, these lunar constellations are divided into 4 parts each of $3\frac{1}{3}^{\circ}$ extent. Thus, we have, in all, 108 Quarters which signify the complete cell. Also, the rationale behind the use of these 27 Lunar Constellations for its studies in Vedic Astrology is that the stars give out natural elements of inorganic chemistry (matter) from Hydrogen No.1 to Uranium No.92 described in Periodic Table of Elements, comprising matter (inorganic chemistry) with the 'Big Bang' [Figure 3](#).

4.3. 27 LUNAR CONSTELLATIONS SIGNIFY THE COMPLETE CELL

Interestingly enough, the 27 lunar constellations selectively adapted in Jyotish and further subdivided each constellation into 4 Quarters and thus yielding a total of 108 Quarters which signify all the constituents of a complete cell.as follows [Figure 4](#):

- **92 Quarters** - Naturally formed Elements of Periodic Table (from Hydrogen to Uranium). These 92 Quarters - also signify 92 chromosomes (including sex chromosomes of Male and Female X-X) of both parents, *In Hinduism, Ardhanāreeshvara symbolizes (half man and half woman) male and female principles cannot be separated in that the God is Lord Shiva is the male component, and Goddess Parvati or Shakti is the female component. It communicates the harmony of contrasts in the cosmos. In the Judeo-Christian and Islamic traditions, Adam and Eve are regarded as the first human relationship. The Ardhanāreeshvara is a representation of a

positive and generative force similar to them; humanity is essentially one big family, with everyone descended from a single set of first ancestors.

- **5 Quarters** - Natural elements of Nature (Panchamahābhūta) - Earth, Water, Fire, Air, and Ether which form the physical bodies of all species including humans.
- **4 Quarters** - 4 Bases of DNA – Guanine, Adenine, Cytosine and Thymine
- **4 Quarters** – 4 Types of RNA
 - 1) Messenger RNA (mRNA) mRNA is translated into a polypeptide.
 - 2) Transfer RNA (tRNA) tRNA will bind an amino acid to one end and has an anticodon on the other.
 - 3) Ribosomal RNA (rRNA) Ribosomal RNA (rRNA) helps facilitate the bonding of amino acids coded for by the mRNA.
 - 4) Micro RNA (miRNA).
- **3 Quarters** - 'Natural Qualities'(Gunās) Tamas (Evil thoughts and destruction), Rajas (Activity), and Sattva (Consciousness). These 3 Quarters also signify the three bodies, namely, The Physical Body, The Subtle Body, and the Causal Body.

Figure 3

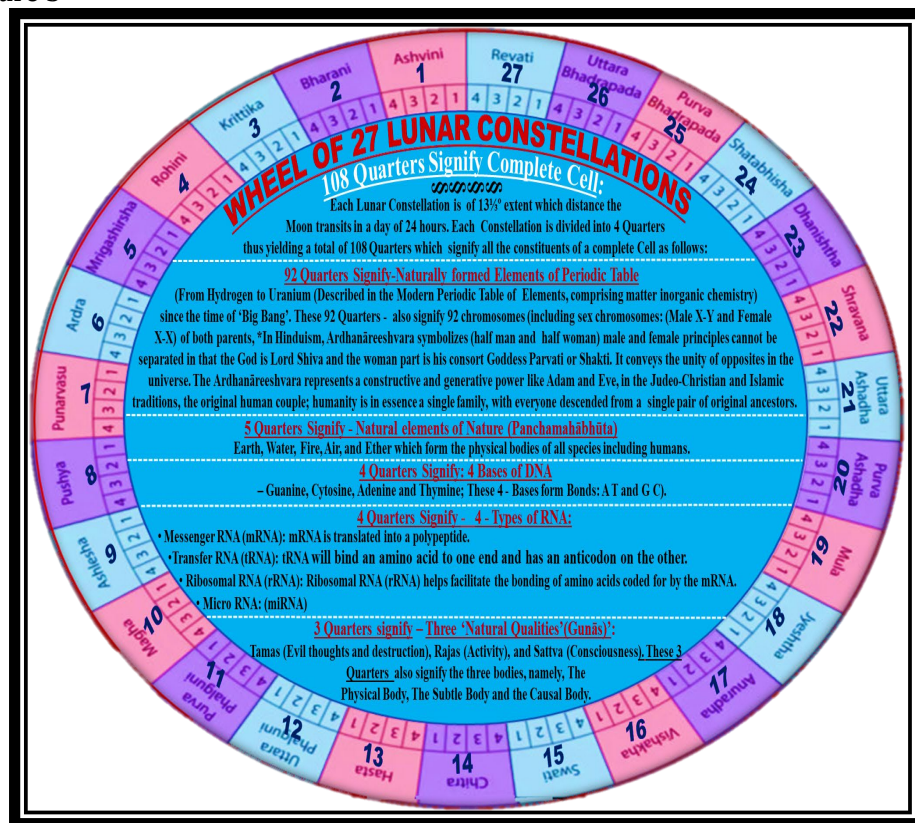


Figure 3 The Wheel of 27 Lunar Constellations Divided into 108 Quarters of the Zodiac being the Cosmic Components Signifying the Complete Cell

Figure 4

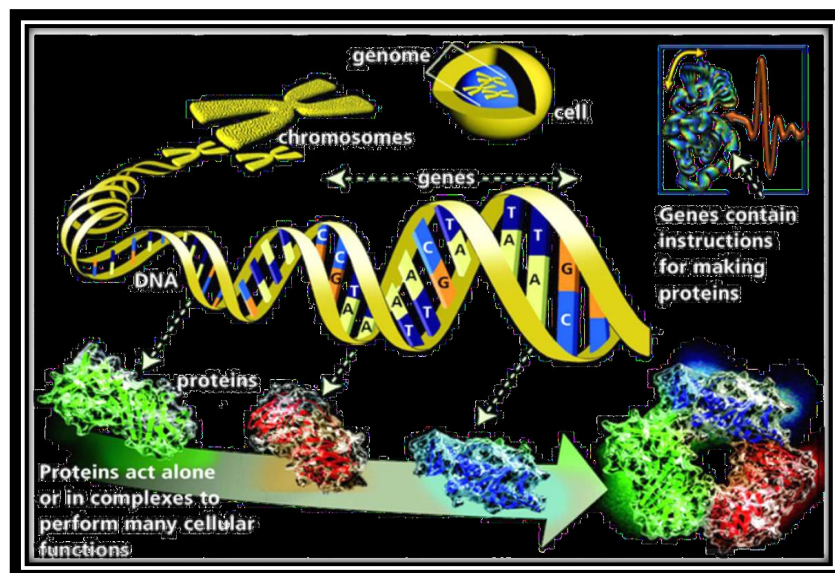


Figure 4 The Complete Cell

5. DISCOVERY OF LIFE BUILDING BLOCKS AND DETECTION OF SUGARS IN METEORITES PROVIDE CLUES TO 'PANSPERMIA ORIGIN OF LIFE'

It was discovered that meteorites contain important organic molecules rich in carbon in addition to ribose and other bio-essential sugars like arabinose and xylose, as well as other significant building blocks necessary for life like amino acids (components of proteins) and nucleobases (components of DNA and RNA).

5.1. HINDU CONCEPT OF METEORITES

दिविभुक्तशुभफलानां पततां रूपाणि यानि तान्युल्काः ।
धिष्योल्काशनिविद्युत्तारा इति पञ्चधा भिन्नाः ॥१॥

-Varāhamihira's Brihat Samhita of 520 A.D

Translation: Ulkas, also referred to as meteors, are the manifestations of entities that fall from Heaven after having moments of absolute joy. They can be categorised into the following five types: ignescent balls, meteors, thunderbolts, lightning, and shooting stars. In one of his major texts, "Brihat Samhita," Indian astrologer and astronomer Varhamihira (520 AD) claims that meteorites are nothing more than the forms of people who descend to be reborn after experiencing the blessings of their righteous conduct in Heaven. Ignescient balls, meteors, thunderbolts, lightning, and shooting stars are the five distinct types of meteors. (Comets).

ते तं भुक्त्वा स्वर्गलोकं विशालं क्षीणे पुण्ये मर्त्यलोकं विशन्ति
एवं त्रयीधर्ममनुप्रपन्ना गतागतं कामकामा लभन्ते ॥ 21 ॥

- Bhagavad Gita: Chapter 9, Text 21

*te taṁ bhuktvā swarga-lokaṁ viśhālaṁ
kṣhīṇe puṇye martya-lokaṁ viśhanti
evaṁ trayī-dharmam anuprapannā
gatāgataṁ kāma-kāmā labhante*

Translation BG 9.21: Once they have had enough of the immense pleasures of paradise and their merit supply is exhausted, they descend to the earthly plane. People who perform Vedic practises for recreational purposes thus come and go in this world.

The Bhagavatam (11.10.26), another Vedic text, says that heaven's inhabitants take pleasure in the heavenly luxuries until their merits are exhausted. Then, as time passes, they are regrettably compelled to return to their simple homes.

5.2. NATURE OF THE SOUL AND DNA

“Despite the massive shock wave and other extreme conditions of a comet impact, our research reveals that the basic elements of life may have stayed intact,” [Jennifer G. Blank \(1892\)](#) stated. “Comets would have been great packages for delivering elements for the chemical evolution that led to life. The comet delivery scenario appeals to us because it comprises all of life's essential ingredients: amino acids, water, and energy.” The amino acids did not break down due to the heat and shock of the simulated crash. Indeed, they began forming the so-called “peptide bonds” that link amino acids together into proteins. It is noted that the pressure from the crash appeared to offset the tremendous heat and provide the energy needed to form the peptides. Thus, despite the massive shock wave and other extreme conditions following collision, the building blocks of life in a Meteorite remained intact.

नैनं छिन्दन्ति शस्त्राणि नैनं दहति पावकः ।
न चैनं क्लेदयन्त्यापो न शोषयति मारुतः ॥ 23 ॥

-Bhagavad Gita: Chapter 2, Text 23

nainaṁ chhindanti śhastrāṇi nainaṁ dahati pāvakaḥ
na chainaṁ kledayantyāpo na śhoṣhayati mārutaḥ

Translation BG 2.23: The soul cannot be withered by wind, nor can it be moistened by water, nor can it be burned by fire [Bhagavad Gita Large Print Edition \(2003\)](#).

Because of the heat and stress of the simulated collision, it's plausible that the amino acids didn't break down because they are engulfed by an unseen and impenetrable shield known as spirit or Soul. It is a notion that only what can be shown by tangible evidence and tested in labs is real. Weapons and fire are incapable of shredding or burning the soul. It cannot be soaked by water or dried by the breeze.

6. THREE BODIES AND THREE GUNAS (QUALITIES) OF INDIVIDUALS

The presence of all molecules essential to life discovered in meteorites suggests their availability as readymade kits in space which can only provide a physical body but not life. In Vedānta, an individual is called a “Jiva” (“an immortal living substance” or “an individual soul”).

The "Jiva" is made up of three bodies: The Causal Body (also known as Krana Sharira), the Subtle (Astral) Body (also known as Skshma Sharira), and the Physical (Gross) Body (also known as Sthla Sharira). The Subtle Body is composed of subtle matter, the Gross Body of gross matter, and the causative Body of causative matter. One of the subtlest bodies, the causal body combines the astral and corporeal bodies [Module 7.1\(n.d.\)](#). The conventional biological model is chemicals → code → cognition and this model is misinterpreting the law of cause and effect. Yet, there are no instances to demonstrate that codes can be produced by the rules of physics and chemistry or that cognition can be produced by codes. Any information system's physical layer is only made up of chemicals [Marshall \(2021\)](#). The soul, which is eternal because it is separate from these three bodies and does not require a means of support, is carried from one life to the next by the causal body, which records our past thoughts, habits, and actions in all their states of existence as magnetic memories with different frequencies in accordance with Newton's Third Law of Motion. Death is separation of the soul from the physical body. It is upon death, the transmigrating soul together with the causal body and the astral body leaves the physical body dead. The five fundamental components that make up the physical body—earth (Prithvi), air (Vyu), water (Aps), fire (Agni), and ether (Ksha)—dissolve upon death [7.3 The 5 Sheaths \(n.d.\)](#).

The three Human 'Gunas' (qualities) according to Hinduism are *Sattva Guna*, *Rajas Guna*, and *Tamas Guna*. each with its own unique attributes: *tamas* (misperception, incorrect comprehension, dullness, dark mindedness and destruction), *rajas* (severe highs and lows in activity), and *sattva* (Righteousness and consciousness). All three gunas are always present in all beings and objects surrounding us but vary in their relative amounts. We humans have the unique ability to consciously alter the levels of the gunas in our bodies and minds. These three qualities occur in successive cycles [8.1 Managing The 3 Gunas \(n.d.\)](#).

7. DEFINITION OF LIFE AND PANSPERMIA ORIGIN OF LIFE

It is frequently stated that "Panspermia" is the philosophical thesis that life can begin when its progenitors reach an appropriate environment (especially the Earth). 'Panspermia Origin of Life' is a scientific fact of Astrophysics and Astrobiology, the rationale of 'Jyotish' (Vedāṅga). The presence of all the key organic molecules that are rich in carbon besides other important building blocks including HMT and amino acids essential to life are discovered in meteorites validates the theory of 'Panspermia'.

There is no difference in matter between the living and the dead except for 'life with information for movement and energy' in the living. "Information is what distinguishes living from non-life" [\(Davies, 2019\)](#). Making the distinction between life and death is one of the difficulties in defining death. Death would appear to refer to the point in time when life ceases. The complete termination of all biological processes that support an organism is known as death. Death can also be described as the complete cessation of brain function in species that have them. Nearly all species eventually experience death, which is an inevitable process. What is 'Life' is the fundamental question in Biology. Wherefrom life comes to the physical body. The concept of death is crucial to human understanding of the phenomenon of life. The simple logic of the matter is that what is abstract and unperceivable left the physical body leaving it dead is the 'very thing' that brings life to the foetus on its entry which is the transmigrating soul or 'jiva' together with the astral body and causal body for evolution.

The inorganic chemistry (matter) that is accessible to us in the universe has an emergent property called life. Throughout their life spans, stars subject to one or more processes emit inorganic chemical elements. In the existence of an external energy source, abiogenic materials could produce organic molecules. and help in building the Physical Body as a framework for Sūkshma sarira or the subtle body shaped by the causal body. The Physical Body comes to life upon the manifestation of the transmigrating Soul/Spirit (Jiva) together with the astral body and causal body with its DNA (Genomic DNA → Morphological DNA) stored with information as magnetic memories. Genomic DNA is stored with information of Heredity in the subtle body. Genetic inheritance, which gives us our fundamental congenital personality, is what causes the neural antennae to be imprinted. Morphological DNA, created by Genomic DNA, has liquid crystalline structure that acts as a sort of antenna. Information stored in the causal body, based on cause and effect of one's past actions in the form of magnetic memories, is imprinted in the Morphological DNA in resonance with the frequencies of solar magnetism. Physical body is prone to changes as we grow directed by the causal body. Evolution occurs with the expansion of species until the entire planet is populated once life is present in a suitable setting, notably the Earth.

7.1. CAMBRIAN EXPLOSION IS CONSISTENT WITH 'PANSPERMIA ORIGIN OF LIFE'

The two crucial aspects of advanced complex life of the Cambrian Explosion [Fox \(2016\)](#), a period of rapid diversification in the evolution of life on Earth, and the development of an even more complex and intricate human brain with capacities for cognition and consciousness on earth, can only be addressed by the theory of "Advanced Panspermia Origin of Life." Phyla of various animal groups, including the vertebrates, arachnids, and molluscs of the animal world, suddenly appeared during the 20-million-year Cambrian explosion around 540 million years ago. They did not emerge in order from simpler to more complex forms, but rather almost simultaneously. Geologically speaking, the Cambrian boom occurred quickly and was caused by a number of different factors. The basic problem is that a new phylum, like the Cambrian explosion, appeared suddenly while "Natural Selection" is the gradual accumulation of changes. Natural selection states that the emergence of high-level complexity in organisms with no known predecessors should take longer than the emergence of a new class, order, family, genus, or species, but this unexpected development may point to unusual evolutionary processes. As a consequence, only the mechanism of advanced panspermia could have brought about such development. Additionally, the natural elements released by the stars during their life cycles occasionally give birth to ever-newer species delineated as 'Forms of Life' in the Geological Time Scale and with the content of all the 92 naturally formed elements filled the Periodic Table, plausibly Humans arrived last on the Earth 2 million years ago endowed with intellect. The reality that this is the correct perspective on the issue that during the Hadean Eon (4500 - 4000 MYA), the Earth was still in the process of forming, and the environment was very hostile. Additionally, the early atmosphere was inhospitable to life as we know it today since it was primarily made of hydrogen and helium and contained little to no oxygen. During the Archean Eon (4000 - 2500 MYA) witnessed the emergence of the earliest simple ecosystems and the evolution of the first single-celled living forms and the formation of the first continents and stable ecosystems conducive to life. The first multicellular living forms emerged and the first simple ecosystems were established during the Proterozoic Eon (2500 - 541 MYA). The emergence of oxygen-producing

photosynthetic organisms, which finally resulted in the accumulation of free oxygen in the atmosphere, was one of the most important events of the Proterozoic Eon. This had a significant impact on how life developed on Earth and paved the way for the emergence of complex living forms with corresponding increase of extra-terrestrial naturally formed elements.

7.2. UNIVERSE IS FULL OF VIBRATION

There are vibrations, frequencies, and energies everywhere in the world. The frequency of the cosmos is 432 Hz, while the Earth vibrates at 7.83 Hz (known as the Schumann resonance), the Sun at 126 Hz, the total number of lunar constellations is 27, the age of the universe is 4.32 billion years, and the heart beats at 72 beats per second. 108 Quarters make up the 27 Lunar Constellations in the Zodiac that Jyotish uses for its studies. There are nine solar system constituents used in Jyotish research. Each of these vibrations adds up to "9," which is the secret code of Tesla's cosmos (3 6 9).

Perhaps specific magnetic memories from the solar system are absorbed as we grow and develop and eventually become a part of our earliest memories. These stored magnetic memories may be triggered later in life if comparable magnetic memories are played repeatedly. A kind of antenna in the developing foetus's neural network can detect variations in the Earth's magnetic field.

The imprinting of the neural antennae is necessary for genomic heredity, which provides us with our basic congenital personality. The foetus is therefore genetically predisposed to hear specific planetary signals, just as a radio is resonantly tuned to receive a particular channel. Therefore, the idea that planets produce humans is untrue. Instead, the planets label a person's genetic porosity to react to specific magnetic signals.

8. COMPLEX AND INTRICATE HUMAN BRAIN AND COGNITION

Cognition is the process by which knowledge and understanding is developed in the mind. What is the origin of consciousness? Do cells have consciousness? How the initial cell was made is unknown. No codes or intelligence are produced by the rules of physics or chemistry. What is the character and origin of cognition is thus the central question in biology. We need to comprehend information flows better in order to respond to this important issue. The boundaries of mathematics are not applicable to biology [Marshall \(2021\)](#). Although awareness, a sign of the soul, can be detected by material devices, the soul itself cannot be reached by anything made of material. This is so because the soul is divine and doesn't interact with physical objects; instead, it lives independently of them. The common factor among the genetic code, the beginning of life, evolution, awareness, and artificial intelligence is cognition, which is the capacity to perceive and react to the world.

There have been significant changes in human thought and awareness over the past 6000 years, despite the fact that the genetic makeup of the human brain has stayed constant. Examples include concern for the environment, global warming, epidemics, and the future of the Earth. This shows that the human brain plays a part in ongoing development independent of genetic or evolutionary factors.

There are five elements earth, water, fire, air, and ether that make up the overall creation. There are three attributes to these five elements. These are three human 'gunas', each with its own unique attributes: 'tamas' (dark mindedness and destruction), 'rajas' (activity), and 'sattva' (consciousness). All three human gunas

(Qualities) are always present in all beings and objects surrounding us but vary in their relative amounts. These three traits regulate every aspect of this creation in the world.

Although the fundamental genetic makeup of the human brain has not changed, great strides have been made in human awareness and thought, with levels of intelligence ranging from the "less intelligent" to the "intelligence square." The use of so-called "junk DNA," which is no longer considered to be "junk DNA," according to recent studies, is probably the cause of this diversity in IQ. All humans have functional DNA, but it is likely that the use of "junk DNA" has contributed to the evolution of human thought and awareness, including worries about the environment, global warming, and the future of the Earth. Recent investigations have shown that the brain receives more impulses from the heart than the heart receives from the brain.

These heartbeats also affect how the brain processes emotions and higher-order cognitive processes like attention, perception, recollection, and problem-solving. Large portions of the human genome that were previously believed to be useless waste now contribute to the maintenance of our intelligence, thinking, and awareness. In other words, the brain constantly communicates with the heart as well as the other way around. The Energetic Heart by Rollin Mc Craty, published in 2003, shows that the heart, like the brain, produces a powerful electromagnetic field. "The largest electric field in the body is produced by the heart.

According to [McCraty and Tomasino \(2014\)](#), the electrical field detected by an electrocardiogram (ECG) is roughly 60 times as large as the brain waves captured by an electroencephalogram (EEG). According to Schumann's Resonance, the earth's frequency of 7.83 Hz corresponds to the normal alpha frequency of the human brain.

The subjective response of the individual to the objective forces in the environment is by mind and deed severally or jointly through one of the three modes, namely, cooperation, opposition and neutrality largely based on which of the three 'gunas' or the three qualities is predominant in the individual which forms the basis for cause and action during the life of an individual. The levels of the gunas in human bodies and minds can be changed deliberately for the first time in the universe. The last to evolve, humans have remained distinct from all other species due to their irreducible complex organs that are essentially tuned to the harmonic frequency of the Earth. According to Schumann's Resonance, the earth's frequency of 7.83 Hz corresponds to the normal alpha frequency of the human brain [Rao, and Rao. \(2021\)](#). It is inconceivable how this design could be implemented in people using any technique other than the one described.

9. RESULTS

Science and faith can co-exist. Science and Sāstra are not fundamentally opposed to each other. Jyotish (A Vedanga) unravels the mysterious and tenacious problem in science 'Origin of Life'.

The concept of panspermia is a metaphysical claim that the first forms of life are already present in space and are capable of beginning when they encounter an environment that is appropriate for life. (Especially the Earth).

Biology transcends computation. The causal chain in the conventional biological model is misinterpreting the law of cause and effect.

The two most important aspects of advanced complex life—the Cambrian explosion and the emergence of the even more detailed and complex human brain

on earth—are addressed by advanced panspermia. The elusive and persistent scientific issue is "Origin of Life."

10. DISCUSSION

Science and faith can co-exist. Science and Sāstra are not fundamentally opposed to each other for they both endeavour in search of truth. Vedic literature, written in Sanskrit language where each hymn when chanted produce vibrations.

Jyotish (A Vedanga) unravels 'Origin of Life', the mysterious and tenacious problem in science. The Rationale behind the subject of Jyotish (A Vedāṅga) is astronomy and its life side is astrobiology which is the interaction of electromagnetism with matter that defines 'Life' as an emergent property of matter.

The idea of panspermia is a metaphysical proposition that the precursors of life are present in space and able to initiate life on reaching a suitable environment (especially the Earth) is in fact a scientific reality when one considers the subject of 'Jyotish', a Vedanga, of times immemorial, being the derivative of astronomy and its life ide is astrobiology.

Biology transcends computation. The causal chain in the conventional biological model is misinterpreting the law of cause and effect. Yet, there are no instances to demonstrate that codes can be produced by the rules of physics and chemistry or that cognition can be produced by codes. Any information system's physical layer is only made up of chemicals. It should be noted right away that the causal body carries the person's soul or spirit from one life to the next during reincarnation, whereas the soul is eternal as it is separate from these three bodies and does not require any means of support. The causal body records our past thoughts, habits, and actions in all their states of existence as magnetic memories with different frequencies in accordance with Newton's Third Law of Motion. Simple Panspermia origin of Life cannot explain advanced human life with Complex and Intricate 'Human Brain, Cognition and Consciousness'. The most likely connection between biological and extra-terrestrial events in the origin and evolution of life is only advanced complex life from the Cambrian explosion and the development of an even more intricate and complex human brain on earth with the capacity for cognition and consciousness.

The origin of life is a difficult topic that crosses many scientific disciplines because it requires an explanation for how life came to exist on a lifeless planet. The issue has a great deal of complexity. Instead of believing that many stars and portions of the heavens are uninhabited and that this earth is the only one that is populated, panspermia becomes a scientific hypothesis in the 20th century. Life, as it is known to exist on Earth in the form of people, animals, and plants, is likely to be found in a higher form within the solar and stellar regions rather than believe that many stars and parts of the heavens are uninhabited and that this earth is the only one that is populated. All life is energy with low frequency, perceivable in physical form is unique and exclusive to Earth because of its magnetic field fundamental to humans, even though earth is departing from Copernican and Anthropic principles. This study affords scientific understanding of life of human beings who are uniquely special.

Advanced complex life of Cambrian explosion and the development of even more complex and intricate Human Brain with the ability of cognition support 'Advanced Panspermia Origin of Life' since Biology transcends all forms of computation particularly information provided in the DNA (Gnomic DNA and

Morphological DNA). When these pre-programmed magnetic memories are triggered later in life,

11. CONCLUSION

The only prerequisite for the "Origin of Life" and "Evolution" is electromagnetic energy with its typical frequencies, wavelengths, and wavelengths. The most likely connection between events in the biological and extra-terrestrial realms is caused by solar disruptions and their particle emissions. The Panspermia Origin's living cells were produced completely and without the need to produce anything on Earth, and they were likely propelled to the planet for further development and proliferation. As soon as life appears on Earth, it spreads until the entire planet is populated, according to the straightforward tenet that "life gives life."

According to the Geological Time Scale, the "Origin of Life" of every species is solely extra-terrestrial, whereas the "Evolution" of every species has only occurred on Earth. The best life is living it as an intelligent person, and humans have only existed on Earth for about 2 million years. Hinduism maintains that even souls do evolve from one life to another of a higher order to the point of liberation from the never-ending cycle of births and deaths through goodness raising the frequency of the subtle body to the highest value fundamental to the Brahma Loka of 8.64 billion years, which is twice as old as the earth. Not only is the universe cyclical, but the origin of life is also cyclical and follows the same pattern as determined by the Geological Time Scale, which is in accordance with Hinduism's Ten Incarnations of the Almighty and Moore's Law of Genomic Complexity [Rao, and Rao. \(2021\)](#). The ancient Hindus were praised by many great scientists of our time, including Sir Arthur Holmes, Albert Einstein, Carl Sagan, and a few others, for their extraordinary talent and brilliance in all fields that provided the most room for abstraction and reflection. Therefore, it was left to these individuals to advance all the disciplines. It is inconceivable how this design could be implemented in people using any technique other than the one described.

CONFLICT OF INTERESTS

None.

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