

A REVIEW ARTICLE OF SRUSHTI UTAPATTI WITH AYURVEDA AND MODERN ASPECT

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ABSTRACT

Human beings are always curiosity to explore reasonable analysis to know about origin and mysteries of universe throughout evolution. The universe is so vast in both space and time and was beyond the reach of our instruments and our minds. Man has achieved cosmic new heights today because of scientific revolutions. The colonization of Mars is the proposed process of establishing permanent human settlements on the planet Mars by astrophysicist. In *Ayurveda* perspective *Sharira Rachana* deals not only with 'constructive aspect of the human body but also with explores the fundamental nature of reality, existence and constructive entities like *Avykta*, *Mahat*, *Ahmikara*, *Panchmahabhuta*, *Atma* etc. In Hinduism, *Brahma* is Lord of the universe and their *Maya* who has created this multiform universe. *Maya* is wizardry power of *Brahma* that creates the cosmic illusion have no ultimate reality. While in *Ayurveda* The *Prakṛti* comes into contact with *Purusha*, the equilibrium of essential *trigunas* characteristics (*Sattva*, *Rajas* & *Tamas*) of *Prakṛiti* is disturbed then unmanifest *prakṛiti* comes along with consciousness *purusha* gives rise to manifest universe. Evolutionary biologists and modern scientists supported to Big Bang theory in the origin of universe. The Big Bang theory explains many phenomena including how the universe expanded from a very hot and dense state And how all matter in the universe came into existence at the same time, about 13.8 billion years ago.

KEYWORDS: Cosmology, Big Bang, *Prakṛiti* –*Purusha*, Philosophy, Science, God, energy, matter.

INTRODUCTION

Who are we? Where do we come from? What is our purpose? Where are we going? Are we alone in the universe? Is there alien life out there? What is the future of the human race? The people who lived on this earth for thousands of years are always wanted to know the origin and basic concepts of the life and the universe. The universe, at present, is said to possess about 100 billion galaxies, each comprising an average of 100 billion stars. In comparison, Milky Way Galaxy is believed to possess 100 billion to 400 billion stars.^[1] The origin of the Universe, the earth, the life, and the human socio-organization and all other important sections has evolved in an ascending manner. Science has confirmed that the universe have been developed over billions of years ago. There are stages in a human life: conception, birth, babyhood, childhood, puberty and adulthood. The life of the Universe can be similarly divided into stages, for it too was born and has grown up.

Literature reviews

Christianity, the *Bible* states that God created the universe in the beginning. In *Islam*, as supreme power Allah created the universe. As per *Bhagavad-Gita*, God is the source of all spiritual, intellectual, and material world. He is the beginning and the end. The cosmic universe is under his divine control. World is a product of the creative play of *Brahma's* *maya* (illusion). The life span of Lord *Brahma*, the creator, is 100 '*Brahma*-Years'. One day in the life of *Brahma* is called a *Kalpa*, which is calculated to be 4.32 billion years. When 'night' falls, *Brahma* goes to sleep for a period of 4.32 billion years, which is a period of time equal one day (of *Brahma*) and the lives of fourteen *Manus*. The next 'morning', *Brahma* creates fourteen additional *Manus* in sequence just as he has done on the previous 'day'.^[2]

Srushi utpatti in Vedas & Upanishads: *Vedas* hold rich knowledge, regarding astronomy, physiology, medicine, mathematics etc., *Rishi's* explanations are reasonable and objective. Both the *Rig Veda* and *Brahmanda Purana* describe a universe that is cyclical or oscillating and

infinite in time. The universe is described as a cosmic egg that cycles between expansion and total collapse. The universe, as a living entity, is bound to the perpetual cycle of birth, death, and rebirth.^[3] *Kaivalya Upanishad* says that *Brahma* is the Creator of the Universe. *Chhaandoya Upanishad* is said that before creation the universe was existent. In another *Upnishad* mentions the word “*Sarvam khalu*” which means the whole universe is God, all other things are nothing but God. The great god transformed himself into multifarious universe. They are the cause of the whole universe.^[4] *Mandukya Upanishad*, stated that Universe is derived by *Brahma* As similar to a spider throws out and retracts its web, as herbs spring up in the ground.^[5]

Srushti Utpatti in Darsana Shastra: *Vaisheshika darshana* postulated theory of *Paramanuvada* (Atomic theory). When *Paramatma* (God) has the interest to do *Srishti Rachana* (Origin of universe).- there were some actions noted in *Prithvi Aadi Asamkhya Paramanus* (Atoms) combined to form larger molecules while *Paramaanu* do not do any action during *Pralaya Kaala* (Disappear of universe).^[6] In *Sankhya* philosophy has described 25 *tattvas* (entities / principles) that are contributed to creation of universe (*Srishti utpatti*). These are – *Avyakta*, *Mahat*, *Ahankara*, *Manas* (Mind), 5 *Jnaanendriyas* (Sense faculties), 5 *karmendriyas* (Motor faculties), 5 *Mahabhutas* (Great elements), and 5 *Tanmatras*. When *Prakruti* (nature) and *Purusha* (Consciousness) come in contact with each other, then remaining elements begin appear to take gradually development to universe. *Yogdarshana* has too said the same concept of *Sankhya Srushti utpatti*. He has added one more *tattwa* – *Ishwara* (God).^[7]

Srushti Utpatti in Ayurveda: The Origin of the universe is termed creation (*Srishti* or *Sanga*) and the Disappear called deluge or inundation (*Laya* or *Pralaya*). The material cause is the *Prakriti* which is the material used in the making of the universe. All ordered changes in material things depend for their occurrence on God and the soul.^[8] According to the *Acharya Sushrut*, The whole universe is produced by *Avayktha*, which consists of components like *Purusha* and *Prakriti*. *Acharya Charaka* considered The concepts of creation and dissolution of the Universe is very similar with the *Saamkhya* concepts. He has said only 24 *tattva* as against *Samkhya* 25 *tattvas*. *Purush* and *Prakriti* as only one component hence explained as *Chaturvimshatikatatva* (24 *tattva*/principles).^[9] In *Ayurveda*, The cycle of life and death has been said like the changing of Clothes from ones to the new ones by *Purush/ Atma*. *Aatma* (Soul) leaves the body at time of *Marana* (death) Enters into another body at time of *Janama* (birth) is based on the person's past deeds. (*Karmaatmaka*).^[10] *Ayurveda* accepted various views of Indian philosophers to utilization their clinical application as well as understanding the various functions and creation of universe and in human. The *Karya Karanavaada* is actually based on *Sankhyas* philosophy where the cause is the essential prerequisite of

an effect. **Satkaryavaad** (Theory of Causation): The *Kaarya* is present in the *Karana* before it's manifestation, Postulated by-*Saamkhya* system. **Paramanuvaad** (Atomic Theory):- Postulated by the *Vaisheshika* philosophy. *Paramanuvaada* in *Charaka Samhita*: *Paramanus* are innumerable and very minute. *Ayurveda* is supported the theory of *Paramanuvada* for all creation of the gross universe and body organs under *Karya-Karana Siddhanta* (Cause and effect theory).^[11] *Avyakta* is the root cause of all living being but it is causeless. According to *Acharya Charaka*, in the process of universe creation *BuddhiTatva* is produced by *Avyakta*. *Ahamkara* is produced by *Buddhi* but further this *AhamkaraTatva* produces *Mahabhuta* and then *Mahabhuta* give origin to *Panchatanmatra* and *EkadashaIndriya*.^[12] According to *Sushrut Samhita*, *Parinamavada* is one of the factor responsible for *Uttapatti* of *Srushti*, as it includes *Swabhava*, *Ishwara*, *kala*, *Yadriccha*, *Niyati* and *Parinam*, *Acharya Sushrut* opines that all effects of origin or development or existence of *Srushti* arises from pre-existing causes only.^[13]

When *Triguna* goes back into equilibrium, Person achieve *Moksha*, that is, transcend death, the universe will go into dissolution (matter to energy). The *Prakriti* and *Purush* individually can not form the Universe. When these two are interconnected then only the universe can manifest.

The various steps of *Srushti Utpatti* (evolution of the universe) in *Ayurveda*: **Avyakta**: *Avyakta Awastha* of *Prakriti* is the equilibrium stage of *Sattva*, *Raja* and *Tama*. Where *Prakriti* in separate stage from *Purusha*. The *Avyakta* principle is the unmanifested form where universe in dissolution stage. **Prakriti**: It is the cause of all the creatures but it self it is causeless. *Prakruti* is the creative, primordial and active form that plays the main role in the creation of the Universe. **Purusha**: *Purusha* is absolute, pure consciousness and does not take an active part in the creation. It is only a witness or observer to the creation. In *Upanishad Atman* (Soul) is a part of *Brahman*. The Hindu philosophy's goal in human life is to reunite the *atman* with the *Brahman* (*Paramatma*). *Purush* depicted a lord of the universe. **Mahat** -This is the first primordial matter developed from *Prakruti* and *Purusha*. **Ahankar**- When *Mahat* attains ego, it gives rise to *Ahankar*. *Ahankar* is associated with separation and differentiation to gives *Indriyas*, *Tanmatras* and *Mahabhutas*. **Indriya**- By the combination of *Aatva guna* and *Rajas guna*, 5 sensory organs, 5 motor organs and mind, are developed. **Panchatanmatra** are derived by the combination of *tamas* and *rajas* guna. *Panchatanmatra* gives origin to **panchmahabhuta**. These are as follows: *Akash Mahabhuta*, *Vayu Mahabhuta*, *Teja Mahabhuta*, *Jala Mahabhuta*, *Prithvi Mahabhuta*.^[14]

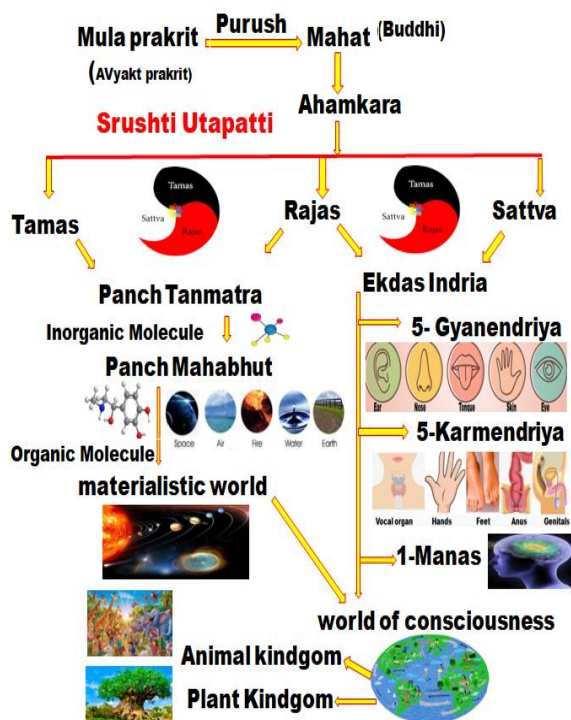
Modern View: Scientists N. Copernicus, G. Galilei, Kepler, I. Newton, Einstein, Stephen Hawking etc have created dispute to mythological ways of thinking with

origin of universe. A new Big Bang theory is developed to origin of universe (space, time and matter). The big bang theory is most accepted explanation for the origin of universe. The universe started as a singularity, a very dense and hot point. The singularity exploded, expanding space and cooling the universe. Subatomic particles merged to form atoms. Gravity pulled matter together to form stars and galaxies. Universe is a special manifestation of that energy. The energy produced during the conversion of its mass corresponded to the question proposed by Einstein: $E=mc^2$. in quantum mechanics on particles was another type of conversion that represented a micro-state conversion process.^[15] The cosmos began 13.7 billion years ago with the big bang. A fraction of a second after the beginning, the universe was a hot, formless soup of the most elementary particles, quarks and leptons. As it expanded and cooled, layer on layer of structure developed: neutrons and protons, atomic nuclei, atoms, stars, galaxies, clusters of galaxies, and Finally super clusters.^[16] The Oparin-Haldane hypothesis is the theory that life originated from non-living chemical substances, or abiogenesis. The theory states that the first organic compounds formed on Earth from carbon, hydrogen, water vapor, and ammonia. The theory also states that these compounds gradually organized into the first cells. The theory has been

verified in laboratory conditions, such as the Miller-Urey experiment.^[17]

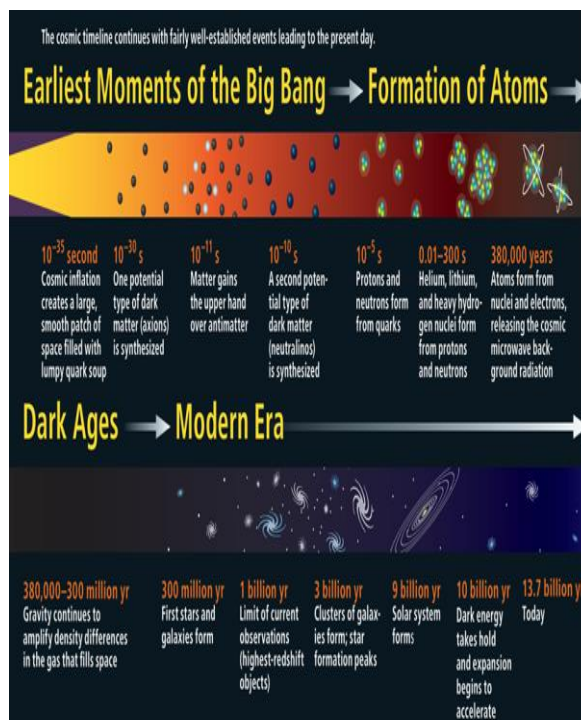
DISCUSSION

The *Ayurveda* which is nourished and established by different *darshanas* to teaches many theories of longevity and transformations, in every developmental mile stone of *Srushti Uttapatti*. The *Parinamavada* is the fundamental law of transformation, which presupposes cause to be continuously transforming itself into its effects. Modern sciences have explained a material or the world through electrons, protons, atoms or molecules. The '*Parmanu*' of '*Vaisheshika*' could be correlated with the atom explained by the modern sciences.^[18] *Purush* is the form of energy that exists in-universe as to *Brahman* (God). According to *Albert Einstein* ($E=mc^2$), Material and energy form go back and forth into each other. Material (as compared to *Maya*) is the manifestation of energy and is destructible. Civilization runs on energy for the simple reason that all ordered, complex systems need energy to survive and prosper. Closer analysis suggests that energy is plying major role in survive & development of living or non-living with evolution of universe. Universe is a special manifestation of that energy. The energy produced during the conversion of its mass corresponded to the question proposed by Einstein: $E=mc^2$.



CONCLUSION

Ever since man has always been a conflict going on his mind as to how the universe has originated. In today's modern age man has taken the help of science to satisfy this curiosity. Its principle is basically based on philosophy. The process of creation, existence and destruction of this animate and inanimate world has been going on since time immemorial and will continue till



eternity. The doer of this work is unknown. material science is spiritual in nature and the basic principles of ayurveda has been describe in abundance in it. In *Ayurveda*, the process of creation is believed to be initiated by six factors: *Svabhava*, *Eeshwara*, *kala*, *Yadrucchaa*, *Niyati*, *Parinama*. *Vedas* and *Upnishads* are supported to divine power (*Brahma*) in the creation of universe. According to modern scientists, the existence

of atoms has been accepted since time immemorial which keep moving in universe, the creation of the universe continues due to their union and destruction continue due to their separation.

REFERENCE

1. International Journal of Research Publication and Reviews, 2023; 582, 4, 2: 574-583.
2. Sajedi, M. (September), "A critique of Big Bang Theory and a look at a new theory of how creation was created", Researchgate.net, P.No, 2020; 21: 23 to 26.
3. International Journal of Research Publication and Reviews, 2023; 580, 4, 2: 574-583.
4. By Maharishi Swami Dayanand Saraswati, The Satyarth Prakash, Publish: Arya Sahitay Prachar Trust, Edition, 2008; 8.
5. European Scientific Journal November, 2018; 14: 33. ISSN: 1857-7881 (Print) e - ISSN 1857- 7431.
6. Dr shubham M, Chaukhambha Orientalia A textbook of padarth vijnaana evam ayurveda itihasa, edition, 2022; 233.
7. Dr. Shailaja shrivastav, Chaukhambha Orientalia, A textbook of padarth vijnaana, edition 2018, page-264 15 Philosophy Study, March, 2020; 10, 3: 214-223. doi: 10.17265/2159-5313/2020.03.005, DAVID Publishing, Philosophical Reflection Over the Origin of the Universe.
8. Dr shubham M, Chaukhambha Orientalia A textbook of padarth vijnaana evam ayurveda itihasa, 2022; 247. ISSN:2277-7881, 2021; 10: 10(8). October: DOI: <http://ijmer.in.doi./2021/10.10.183>
9. Dr shubham M, Chaukhambha Orientalia A textbook of padarth vijnaana evam ayurveda itihasa, edition, 2022; 223.
10. Dr shubham M, Chaukhambha Orientalia A textbook of padarth vijnaana evam ayurveda itihasa, 2022; 225-232.
11. Pandit Kashinath Shastri and Dr.Gaurakhnath, Charaka Samhita of Agnivesha Vidyotini Hindi Commentary, published by Chaukhambha Bharati Academy, Varanasi, Sharirshathna chapter, 2014; 1: 814.
12. Sharma VDR. PadarthVigyana, Vaidyanatha Ayurveda Bhavana Limited, 1984; 7: 77.
13. Dr. Shailaja shrivastav, Chaukhambha Orientalia, A textbook of padarth vijnaana, 2018; 254.
14. www.ijrpr.com ISSN 2582-7421 The Creation of the Universe with Respect to Hindu Methodology and Scientific Cosmology.
15. International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 Index Copernicus Value, 2015; 78: 96. Origin of the Life and the Universe- from the Vedic Era to Modern Scientific Investigation)
16. <https://www.britannica.com/science/Oparin-Haldane-theory>
17. Dr. Arun Bhatkar. Padartha Vigyana evum Ayurved Itihas. Ayurved Darshana Nirupana. Nagpur: Meherbaba publication, 2018; 5: 44.