



Vedic Hypothesis of Parallel Universe in Modern Physics

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Abstract:

Subtle senses can save subtle knowledge from physical cosmic knowledge; that is why the possibility of the reality of the thing imagined in our mind cannot be rejected. For example, in the Vedic period, it seemed impossible to imagine Lord Ganesha having the head of an elephant and the torso of a human being, but today it seems possible with organ transplantation. Being beyond the limits of the earth seemed like a joke, which is practical and relevant in the present. Similarly, the theoretical discussion of parallel universes started in scientific circles in 1954, but its outline has been reflected in Indian philosophy since the Vedic period. The area of the infinite universe and the homogeneous universe was not a matter of mystery in those times. These could be known through Yoga-siddhi and could also go beyond the limitations of time and travel uninterrupted. Through some references to Vedic literature, we come across the facts of the parallel universe.

Keywords:- Time Relativity, Vedic Cosmic correlation, Vedic-Physics Cosmic Concept.

Introduction:

In the foreseeable future, the acceptance of a religion will be contingent upon the direct or indirect applicability of its principles to current science. In order for religion to attain universality, it is imperative to possess information pertaining to consciousness and matter that can be substantiated through theoretical and experimental means, relying on scientific reasoning. The theories in modern physics have been founded upon Indian philosophy and knowledge derived from the Upanishads. The spiritual books of ancient civilizations exhibit a higher degree of complexity and advancement in their portrayal of the traits of civilization in comparison to the contemporary age.

The inclusion of parallel universes and the concept of time relativity can be attributed to the contributions made by ancient Indian poets. The text provides a rational and scholarly exposition of the fundamental tenets of quantum physics, the concept of self-emergence, and the insights derived from Upanishadic wisdom. The contemporary manifestation of the timeless Advaita philosophy is being observed in the realm of quantum physics. This programme will examine the concepts of parallel universes and time relativity as explored in Indian philosophy and literature. According to the quantum theory, the universe is not simply an assemblage of material entities, but rather, these entities are intrinsically linked to the emergence or alteration of consciousness, which manifests itself as energy. Consequently, the understanding of the world varies based on the distribution of energy. The occurrence of spirituality acts as the impetus for the rebirth and progression of civilization, and it is this phenomenon that serves as the trigger. Within the confines of this particular structure, we will investigate the idea of parallel universes as well as the relativity of time in relation to spiritual Indian philosophy as well as scientific experiments and ideas.

Explanation:

1. In the Leelopakhyan of Yogavashishtha which is also called Maharamayana, there is an incident of a couple Leela and Padma. This incident was mentioned by Maharishi Vashishtha to give knowledge related to the world to Shri Ram. According to this incident, Leela did not want to live in separation from her husband Padma because she was very infatuated with him. Accordingly, after pleasing Mother Saraswati, Leela asked for a boon that her husband's inner consciousness should not go out of the designated room even after death. When Padma passed away, with the help of subtle senses, Leela in the company of Mother Saraswati saw that –

सर्गेसर्गेपृथग्रूपंसर्गान्तराण्यपि ,
तेष्वन्सन्तःस्थसर्गाःधाःकदलीदलपीठवत |
आकाशेपरमाश्वान्तर्र्द्रव्यादेरगुकेअपीच,
जीवाणुर्यत्रतत्रेदम्जगद्वेत्तिनिजम्बपुः ||4/18/16/17

Within this world, the world is moving separately and independently in the same way, or the order of creation exists in the same way as there is a sequential chain of stems inside the stem of a banana. Just as a dream world exists in every atom of consciousness present in the world, in the same way the creatures of infinite matter and its world are expressed in the world.

In confirmation of her above statement, Mother Saraswati showed that apart from the body of Padma inside the specified room, many worlds are being manifested in this room itself, and in each world, Padma is living her life in a different body. The total time taken by him to visit various worlds was equal to 7 days of that Kalpa.

ताद्रशावरणान्सर्गान्ब्रह्मांडेषुदर्शसा ,
कोटिशःस्फुरितानव्योत्रीत्रसरेषुनिवाअतपे || 2|30|3
महाकोशमहभोधौमहाशून्यत्ववारिणी ,
महाचिदद्रवभावोत्थानबुदबुदानर्बुद्प्रभान |2|30|4
काशीदापततोअधस्तातकाशीर्च्योपरिगच्छतः,
काशीर्त्तिर्यगतीनन्यानस्थितांस्तब्धानस्वसम्विदा||2|30|5

This verse, a glimpse of parallel universe as well as time relativity is visible. According to which Leela saw millions of Tressarenu visible in the sky, in the sunlight and he saw millions of creations with similar coverings in all the universes which were manifested by self-luminous Adhishtana Chaitanya. In the ocean of the great space filled with water in the form of ignorance, saw innumerable bubbles in the form of the universe arising from the fluidity in the form of the inspiration of Mahachaitanya. There are thousands and billions of universes like this

2. In another story, in the second volume of Shrimad Bhagwat Purana, there is a description of the childhood pastimes of Shri Krishna, in which details are given to calm the ego and astonishment of Indra, which confirms the multiplicity of the universe.

अम्भोजन्मजनिस्तदन्तरगतो,मयार्भकस्येशितु – र्द्रशसृष्टमंजुमहित्वमन्यदपि,तद्वत्सानितौवत्सपान |
नीत्वान्यत्रकुरुद्वहान्तरदधात,खेअवस्थितोयःपुरा,दृष्ट्वाघासुरमोक्षानंप्रभवतःप्राप्तःपरंविस्मयं||13|10|15
एकदाचारयनवत्सानसरामोवनमाविशत ,पञ्चषासुत्रियामासुहायनापूरनिष्वजः |13|10|28
ततोविदुराच्चरतोगावोवात्सनुपावञ्जम , गोवर्धनादिद्रशिरसिचरन्त्योददृशुस्तर्णं || 13|10|29
आत्मादिस्तम्बपर्यन्तौत्मूर्तिमद्विश्वरचरे, नृत्यगीताद्यनेकाहैपृथक्पृथगुपासितः ||13|10|51

Accordingly, cows are abducted by Lord Brahma to test the divinity of Shri Krishna. One year on Earth and the momentary time interval on Brahmaloaka are proportionally equal.

तावदेत्यात्मभूरात्ममानेनत्रुत्यनेहसा , पुरोवदबदंकृदंतीददृशेसकलंहरिम ||13|10|40

After this relative time, when Lord Brahma again sees the same cows of Shri Krishna at the same place, it becomes clear that the cows are at both places at the same time. To solve this doubt of Brahmaji, Shri Krishna gave proof of his divinity by making Brahma of many universes present at one place at the same time. It is clear from this that, compared to current physical cosmic knowledge, Vedic cosmic knowledge appears to be more solid.

3. The phenomenon of time relativity is also mentioned in Harivanshpuran, and Vishnupuran, whereas modern physics had not even entered this field at that time. While any branch of modern science does not have complete knowledge of the creatures and nature of the lowest surface of the sea, there is a description of the process of churning it according to mythological beliefs. After the churning of the ocean, King Kukudami decided to go to Brahmaloaka along with his daughter in search of a groom for the marriage of his daughter Revati. Kukudami had to wait for some time due to Brahmaji being in samadhi. When King Kukudami asked about the marriage of a suitable groom for Revati, Brahmadev told him that during the time he had waited in Brahmaloak, Satyayuga and Tretayuga (whose duration is 1728000 and 1296000 human years, respectively) had passed in the earth, and Dwaparayuga was going on.

तावच्चब्राह्मणोअन्तिकेह्यह्यहूहसंज्ञाभ्यामगन्धर्वाभ्यामतितानामनामदिब्यंगान्धर्वमगीयत|
तच्चत्रिमार्गपरिवृत्तैरनेकयुगपरिवृत्तितिष्ठन्नपिरैवातश्चंन्वन्मुहर्तमिवमेने || 1|4|68-69

Therefore, in Dwaparyug, Sheshavatara Balram himself is the only suitable groom for Revati. In this context, there is a difference in the speed of time at different places, and Brahmaloak and Prithvilok appear to be two different places in which the speed of time is different.

This phenomenon is followed by the theory of special relativity of the father of modern physics, Albert Einstein, which was proposed in 1905, according to which time is not fixed, that is, time moves more or less fast in a particular place. The rate at which time passes depends only on the reference frame.

In modern physics, such questions that pass the test of truth but whose answers are not acceptable because they are illogical are called paradoxes. Since curiosity gives rise to questions that inspire one to acquire knowledge minutely. This curiosity is the reason for the scientific progress of living beings. Therefore, the contradiction cannot be rejected. Thus, it is necessary to study the contradiction of the cosmic concept according to physics.

1 Fermi Paradox:

Enrico Fermi, a physicist, proposed this paradox in 1950, which states that there may be life in universes other than the Earth. They believed that the galaxy was a short period of time relative to an era. High-level technology makes a promising prediction that the ability to colonize will lead to the completion of knowledge of the universe. If life is common throughout the galaxy and the development of intelligent, technological civilization is not unique to Earth, then why do we see no signs of this life?. This puzzle inspired the famous "Fermi question" – "Where is everyone ?"

The so-called Fermi Paradox claims that if technological life exists elsewhere, then there must be signs or evidence of its existence and evidence of its arrival on Earth. Therefore such life does not exist. He is known to have mentioned this on one occasion, asking "Where is everybody ?"- explicitly suggesting that we do not see extraterrestrials on Earth because interstellar travel may not be possible, but not suggesting that intelligent extraterrestrial life does not exist or suggesting its absence is contradictory. The claim "They are not here; therefore they do not exist" was first published by Michael Hart, which claimed that if intelligent extraterrestrial life existed then interstellar travel and colonization of the galaxy would be inevitable. This is simply a contradiction because it is possible that they may not need to come to Earth at all or may be using higher levels of energy in other dimensions.

1. Drake Equation:

This equation was first presented by Frank Drake in 1961, according to which A is the number of extraterrestrial civilizations with which communication is possible in the galaxy while R* is the average rate of star formation in the galaxy and L is the length of that period. Unless these detectable signals are sent into space by civilizations for detection.

$$\text{Number of Universe} = \text{Average rate of star formation} \times \text{Speed of light} \times \text{Length}$$

The most complex problems to be solved in science are multidisciplinary problems, including the problem of explaining the physical essence of physical reality and imaginary numbers, discovered more than five hundred years ago. However, the authors of the special theory of relativity, created more than a hundred years ago, were unprovenly trying to claim that they had solved this problem and that imaginary numbers with the principle of not exceeding the speed of light could be materialized, not are real, and the physical experiments of Minos at the Tevatron Collider and OPERA at the Large Hadron Collider also seem to confirm such a claim, since they cannot refute the theory of not exceeding the speed of light. However, since mathematics is the universal language of all exact sciences, the theory of the physical reality of imaginary numbers was still provable, but proved otherwise, with theoretical and experimental studies of vibrational processes in linear electrical circuits that could be repeated and verified. In any radioelectronic and electrical laboratory. And that is why they are certainly reliable and decisive. Using the very general scientific theory of the physical reality of imaginary numbers allowed to correct the relativistic formula of the special relativity theory and to create on this basis the theory of a hidden multiverse consisting of more than two mutually invisible parallel universes. The nature of his invisibility has been explained. It is proven that the existence of these invisible parallel universes explains the phenomenon of dark matter and dark energy. The quaternary structure of the hidden multiverse was discovered using data obtained by the spacecraft WMAP and Planck and revealed that our hidden multiverse is not the only one in nature.

2. Boot Straps Paradox:

This hypothetical theory was proposed for time travel provided by modern physics. According to which the present can be influenced by going back in time, but by doing so a loop will be created and the cosmic law will be broken. The solution to this problem is that by going back and tampering with time, a new universe will emerge in which the cause of the effect in the past will be effective.

3. Modern Physics:

In modern physics, worm hole related to parallel universe is a theoretical concept which is a way to connect one place to another located at infinite light years distance. This hypothetical theory for time travel and accelerated travel in other universes proves that modern physics accepts parallel or multi-universes.

Conclusion:

Prior to the advent of quantum physics, concepts such as quantum entanglement and quantum teleportation were implausible; nonetheless, scientific inquiry has since substantiated their validity. Hence, the scientific community considers the assertions presented in Vedic literature as hypotheses, initially appearing implausible. Hence, it is asserted that the sensation of ignorance does not imply a denial of its presence; instead, it necessitates the undertaking of more profound experimentation. In order to comprehend the concept of parallel universes, it is necessary to develop a method for accessing transcendent experiences beyond the limitations of our physical senses. Specifically, this entails cultivating the ability to transcend our physical bodies and explore the realm of the microcosmos, since it encompasses a broader scope than that of tangible items in the physical world. In the same way that quantum mechanical laws don't apply to large objects, we still can't use our physical senses to learn about dimensions that exist in parallel universes. The absence of written documentation and the reliance on oral transmission account for the unavailability of the knowledge contained in the Vedas in written form, hence necessitating its complete transmission through oral means. Similar to the limitations in precisely describing the intensity and kind of physical discomfort, conveying experienced information with precision through written means is also challenging. Just like 1 mm. A wire of length 100 cm will be two-dimensional for a human being, but the same wire will be three-dimensional for an ant because, along with its length and width, it can also perceive its height. For this, we will have to try to understand the parallel universe through Vedic methods along with scientific techniques, in which subtle elements and subtle worlds are explained. It is imperative to employ the Vedic practices that encompass the utilization of concentrated energy to transcend physical constraints. In this sequence, individuals will need to seek solace and refuge in the practices of yoga, such as meditation, dharana, and samadhi. The human brain possesses the capacity to conceptualize entities that hold the potential for existence. This theory is located someplace in either our conscious or unconscious mind, it relates to the activities and recollections of the past. And the reason for that is rooted in values. As a result, the beginning of the parallel world must be someplace in the universe. In order to acquire this knowledge, one must combine the practices of the Vedic tradition with those of modern science.

Acknowledgement:

The authors would like to express their appreciation to the Head of the Department of Sanskrit at ISBM University, Nawapara - Kosmi, Chhura, Gariyaband, C.G., India, for providing the research facilities.

Conflict of interest:

There are no conflicts to declare.

Supporting information:

Not applicable.

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