



Spiritual Aspect of Cosmology (The Concept of Neo Physics)

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Before the birth of modern science, as well as the development of the philosophical and metaphysical system of concepts that gave birth to the duality of the ultimate structure and of the material and consciousness.

The curiosity about the vastness of the universe which has been inherent in the human mind from the very beginning, to know about which he sometimes resorted to spirituality and sometimes to science, but according to all the discoveries that have been made so far from the point of view of modern physics, the concept of "elemental entities" in the construction of the universe has not yet been recognized. However, in this context, the physical world has been successfully and satisfactorily explained by atoms, electrons, protons and neutrons, but none of this has been accepted as the ultimate truth as expected but every time the elemental structure of the particles has been proved. The cosmic structure is a complex, awe-inspiring, and enigmatic creation, but the concept of interpreting complex structures in simple terms is so deeply ingrained in Western era that physicists are still constantly on the hunt.

Fritjof Capra is an American physicist of Austrian descent who, after researching theoretical physics, researched particle physics and came up with a new concept. His concept of modern physics is related to the philosophy of physics beyond rational scientific establishments, which is based on the philosophical knowledge of the mysterious traditions of Eastern civilization and Experiments, and





under the purview of which modern western principles also found to be correct. The concept of innovative physics presented by Capra is deeply connected not only in the field of science but also in the whole of the multidimensional systems and disciplines of human culture with realism and with movements representing different forms and gradually making social transformation possible all over the world and are coming together as one force.

Remarkably, today the concept of 'modern physics' in front of which stand today, it in fact had become part of the philosophical perspective of Sikhism almost five hundred and fifty years ago when about the origin of the universe, its structure, its time and about its working, Guru Nanak Dev Ji had stated

ਕਵਣੁ ਸੁ ਵੇਲਾ ਵਖਤੁ ਕਵਣੁ ਕਵਣੁ ਥਿਤਿ ਕਵਣੁ ਵਾਰੁ ॥

What was that time, and what was that moment? What was that day, and what was that date?

ਕਵਣਿ ਸਿ ਰੁਤੀ ਮਾਹੁ ਕਵਣੁ ਜਿਤੁ ਹੋਆ ਆਕਾਰੁ ॥

What was that season, and what was that month, when the Universe was created?

ਵੇਲ ਨ ਪਾਈਆ ਪੰਡਤੀ ਜਿ ਹੋਵੈ ਲੇਖੁ ਪੁਰਾਣੁ ॥

The Pandits, the religious scholars, cannot find that time, even if it is written in the Puraanas.

ਵਖਤੁ ਨ ਪਾਇਓ ਕਾਦੀਆ ਜਿ ਲਿਖਨਿ ਲੇਖੁ ਕੁਰਾਣੁ ॥

That time is not known to the Qazis, who study the Koran.

ਥਿਤਿ ਵਾਰੁ ਨਾ ਜੋਗੀ ਜਾਣੈ ਰੁਤਿ ਮਾਹੁ ਨਾ ਕੋਈ ॥

The day and the date are not known to the Yogis, nor is the month or the season.

ਜਾ ਕਰਤਾ ਸਿਰਠੀ ਕਉ ਸਾਜੇ ਆਪੇ ਜਾਣੈ ਸੋਈ ॥

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The Creator who created this creation-only He Himself knows.

In this metaphysical perspective of cosmology where Western scientists have been deciphering in the last few years of the 20th century and early 21st century that the ultimate truth of the universe





cannot be reached not only from a scientific point of view rather a belief in the existence of a supreme-estate has been created within them who is the Creator of this universe.

Of particular importance in this whole chapter is the theory of modern physics espoused by Fritjof Capra. Capra believes that during his long educational and research work in the field of theoretical physics, he has realized the importance of ancient mysticism and the parallels between the two have become apparent. In full contact with the ancient Orientalist tradition, he gives priority to the divine idea of the universe. His foundations are based on Hindu, Buddhist, Jain and Chinese spiritual insights, but perhaps he did not have had the experience of reading Sikh texts, otherwise the basis of his core foundations would definitely have been the Sikh cosmological perspective. Sikhism is the latest religion in the world that glorifies the divine realization with scientific thinking and intellectual scholarship who is the creator of this universe. Guru Nanak, the founder of Sikhism, laid the foundation of an all-encompassing cosmic religion by brainstorming the spiritual practices of his time and the prehistoric traditions of the time. This is how they communicate their views by interacting with all religions. Under the modern concept of modern physics proposed by Capra, he embraced the divine realization of mysticism during the inter-journey from physics to metaphysics and acknowledged that parallel to modern physics, the ancient philosophy of enlightenment is perfection in the cosmic realm. He challenges the valueless unworthy myth. From this point of view, the scientific community is responsive to its research work not only intellectually and logically but also morally and humanely. So, in today's scenario, the idea of a combination of physics and spirituality towards the universe is not only interesting but also very important. One path leads us to the bomb, the other path leads us to wonder- Vismaad. Only new knowledge arising from the combination of the material and the metaphysical can help us to reach the ultimate truth of the universe.





In this context, Albert Einstein's view of cosmic religion is very important. While envisioning a religion, Einstein sincerely wanted a religion that would be free from the centuries-old ritualistic rhetoric of religions and would be at ease with the universe. Einstein considers himself too small and insignificant in the vast expanse of this balanced whole and magnificent work of the universe. This is where his faith in the cosmic religion begins. He believes that if we want to make the world a better place, we can do so not with mere scientific discoveries but with the knowledge of that aspect of religion which has to do with basic humanity.

Establishing comparisons and similarities between physics and mysticism is the greatest responsibility of today. A place where a human being is developed physically and is spiritually superior. From this point of view, the ancient mystical tradition provides a very philosophical basis for modern scientific theories on which human beings can attain truth while living in cosmic ease. Explaining the concept of 'Neo Physics' towards the universe in this field, Fritjof Capra establishes six main paradigms in his insights, the first two of which relate to nature and the remaining four to human epistemology. He points out that the six paradigms are common features of all branches of science throughout the world connected with ancient mysticism and divine experiences.

My purpose in quoting the above is simply to point out that in today's age of advanced knowledge, science and technology, when man himself has gone on the path of self- destruction and has reached the pinnacle of the development of knowledge and has sidelined mystical and divine realizations. So, this concept of modern physics is transmitting an insight that balances the physical and the metaphysical from a holistic/cohesive point of view. Today we have to believe that only the knowledge that comes from the combination of science and spirituality can lead to the truth about the universe.

The ideology in Sri Guru Granth Sahib proves to be the basis for the knowledge of this modern physics from this point of view where





the Gurus with their instinctively balanced vision gave clear instructions to it hundreds of years ago today. The concept of modern physics today expresses the same concept in the 20th and 21st centuries. In this article, when we study the cosmic concept in Guru Granth Sahib we clearly see that the knowledge in Guru Granth Sahib does not create any imaginary concept but represents the knowledge about the truth obtained from the supreme state of experience. The Guru sahib's view/attitude of the universe arises from a combination of intellect and sensibility. This is the reason why even after the most successful inventions of physics it is still believed that the ultimate truth is a divine power but Gurbani had already expressed this knowledge long before this modern researches and establishment. The concept of modern physics formulated by Fritjof Capra in the last decades of the 20th century is based on the ancient religious and philosophical aspects of India and other Eastern countries, in which Buddhism, Hinduism and Taoism predominate. These religious and philosophical methods are not merely illogical, irrational and unscientific, rather, they are the creators of the whole life philosophy of world knowledge, which establishes a coherence between intellect and cognition by adopting the path of holistic meaning with the cosmic reality as a whole.

These theological visions do not deny the highly developed worldview of science of their time and modernity of today, rather, the combination of experience and experimentation proves that the basic basis of cosmic expansion is some higher mysterious power. Although, Fritjof Capra did not study the Sikh worldview, but the Sikh religion I have examined is the latest religion in the world which, in connection with the search for the ultimate truth from a scientific point of view, states that the Creator and Operator of the universe is the ultimate truth. Can't be found

This Truth is the Aad Jugaad and the Eternal Truth which He Himself is the Doer and He Himself is the Creator.

In Guru Granth Sahib the basis of the supreme truth of the



universe is divine and the basis of the creation of the inner meaning is transcendental but its concerns are not separated from materialism because human is at the centre of Gurbani and its goal is divine.

In modern times, one-sided view of friendship and enmity between religion and science is not enough to reach the perfection of the supreme truth. The Guru Granth Sahib presents a holistic and earthly view of human life. The Guru Granth Sahib embraces the entire cosmic organization and human life as a radiant light. The bizarre concept that Dr. Gurbhagat Singh mentions in this context is related to the oneness between man and the universe. Bhagat Pipa Ji's statement:

“ਜੇ ਬ੍ਰਹਮੰਡੇ ਸੇਈ ਪਿੰਡੇ, ਜੇ ਖੋਜੈ ਸੇ ਪਾਵੈ
ਪੀਪਾ ਪ੍ਰਣਵੈ ਪਰਮ ਤੱਤ ਹੈ ਸਤਿਗੁਰ ਹੋਇ ਲਖਾਵੈ” S.G.G.S. Page 695

The One who pervades the Universe also dwells in the body; whoever seeks Him, finds him there. Peepa prays, the Lord is the supreme essence; He reveals himself through the True Guru.

In this regard there is quite a significant similarity between the universe and the human body. From a material point of view the creative elements of the universe and man are the same and are connected with the uniformity and harmony of the divine light of the inner reality. Here the word “Pinde” means the physical matter beyond the human body in all of which the divine power prevails. This is what is explained in the Guru Granth Sahib from beginning to the end. In the beginning “*Aad Sach Jugaad Sach Hai Bhi Sach Nanak Hosi Bhi Sach*” and in the end “*Sabh Nanak Brahm Pasaro*” is there, which means that only a divine existence is the absolute, total and ultimate truth of this universe, which is pervades throughout the universe.

According to this new insight of cosmology, in order to acquire knowledge of the universe which is viewed only from a scientific





point of view, only the physical and historical aspects are revealed because according to science there is nothing ultimate in this universe and only spiritual power from a spiritual point of view which is also the creator of the universe and pervades the entire universe. This mystic realization makes the human being detached from the relativity of the material world and time and unites him with the supernatural, with which the individual consciousness is transformed into the cosmic consciousness. This consciousness arising from the combination of materialism and spirituality is able to recognize the ultimate truth but it is a state of sheer realization which cannot be explained. Every concept of science is built on theory and technology. The basis of scientific foundations is experiment and the results that come from it. Scientists are not prepared to accept any phenomenon that is outside the laws of nature but they do not have the answer that who created these laws. Scientists themselves believe that science cannot reach the ultimate truth of all cosmic phenomena because science does not apply beyond the physical matter. Religious thinkers say that the basis of knowledge is metaphysical. Because science accepts logical knowledge but is not ignorant of divine sensory perceptions, it is very important for a scientist to be creative in his search for truth. The universe is a beautiful and balanced creation so only with creative insight can a human being be able to understand the universe. Today it is believed that science is one of the many attempts by religion to find out the ultimate truth. Newton, Einstein, Heisenberg, Fritjof Capra, Michie Kaku and many other modern physicists, in parallel with science and spirituality, formulate their views on the infinity of the universe and agree with the idea of reaching a conclusion from the combination of physics and cosmology. It is difficult for a human being to reach the ultimate truth of the universe by being completely connected with logic and science or completely detached from science, so the universe can be known only through the interaction of religion and science. Science is an external conscience while religion is connected with intuition and no final conclusion can be reached unless there is a



balance between internal and external knowledge. Only in the combination of the two can there be a true understanding of this infinite and vast universe which can create a benevolent vision towards a human being, a part of the universe. Today's cosmic concerns can only be resolved with the guidance of Sikhism and the cosmic Granth - Guru Granth Sahib. Today's emerging scientific thinking, called modern physics, has to do with a cosmic religious and cultural creation.

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