Secret of the sacred – Chidambara Rahasya a drop of it revealed

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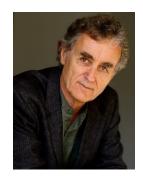




Statue of Nadarajah, the Dancing Siva at the CERN – Centre for Nuclear Research in Europe – in Switzerland.

• Ananda K. Coomaraswamy (1877 – 1947), seeing beyond the unsurpassed rhythm, beauty, power and grace of the Nataraja, wrote in his book of **The Dance of Siva** in 1918 as "It is the clearest image of the activity of God which any art or religion can boast of."

• Fritjof Capra, a physicist says in his book "The Tao of Physics" released in 1979 as follows. "I had a beautiful experience which set on a road that has led to the writing of this book. I was sitting by the ocean one late summer afternoon watching the waves rolling in and feeling the rhythm of my breathing when I suddenly became aware of my whole environment as being engaged in a gigantic cosmic dance. Being a physicist, I knew that the sands,



rocks, water and air around me were made of vibrating molecules and atoms and that these consisted of particles which interacted with one another by creating and destroying other particles. I knew also that the earth's atmosphere was continually bombarded by showers of particles of cosmic rays of high energy undergoing multiple collisions as they penetrated the air. All this was familiar to me from my research in high energy physics, but until that moment I had only experienced it through graphs, diagrams and mathematical theories. As I sat on that beach my former experience came to my life. I saw cascades of energy coming from outer space, in which particles were created and destroyed, in rhythmic pulses. I saw the atoms and the elements and those in my body participating in this cosmic dance of energy. I felt this rhythm and I heard its sound and I knew at that moment that this was the Dance of Siva, the Lord of dancers, worshiped by the Hindus".

Fritjof Capra explained that "Modern physics has shown that the rhythm of creation and destruction is not only manifest in the turn of the seasons and in the birth and death of all living creatures, but is also the very essence of inorganic matter," and that "For the modern physicists, then, Shiva's dance is the dance of subatomic matter. It is indeed as Capra concluded: "Hundreds of years ago, Indian artists created visual images of dancing Shivas in a beautiful series of bronzes. In our time, physicists have used the most advanced technology to portray the patterns of the cosmic dance. The metaphor of the cosmic dance thus unifies ancient mythology, religious art and modern physics."

• Carl Sagan, an Astrophysicist/ Astrobiologist/ Cosmologist says in his book Cosmos released in 1980 as follows. "In India there are many gods,

and each god has many manifestations. The chola bronzes, include several different incarnations of the god Shiva. The elegant and sublime of these is a representation of the creation of the universe at the beginning of each cosmic cycle, a motif known as the cosmic dance of Shiva. The god, called in this manifestation Nataraja, the Dance King, has four hands. In the upper right hand is drum whose sound is the sound of creation. In the upper left hand is a tongue of flame, a reminder that the universe, now newly created, will billions of years from now be utterly destroyed. These profound and lovely images are, I like to imagine, a kind of premonition of modern astronomical ideas".

Carl Sagan said further in his book that "The Hindu Religion is the only one of the world's great faiths dedicated to the idea that the cosmos itself undergoes an immense, indeed an infinite number of deaths and rebirths. It is the only religion in which the Time Scales correspond, no doubt by accident, to those of modern scientific Cosmology. Its cycles run from our ordinary day and night to a day and night of Brahma, 8.64 billion years long, longer than the age of Earth or the Sun. And there are more longer times scales still".

Carl Sagan is an Astrophysicist/ Astrobiologist/ Cosmologist with following credentials:

- Recipient of NASA medal for exceptional scientific achievement
- Director of the laboratory for planetary studies of Cornwall University
- Chairman of division for planetary sciences of the American Astronomical Society
- Chairman of the astronomy section of the American Association of the advancement of science.
- President of the planetology section of the American Geophysical Union
- Editor in chief of "Icarus", the leading professional journal devoted to planetary research.

