

Towards Evolutionary Art, Science and Engineering of Consciousness **(TEASE Consciousness)**

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Discourses on Radhasoami Faith, the scientific exposition of Radhasoami Faith by Param Guru (Huzur) Maharaj Sahab, the third Revered Leader of Radhasoami Faith describes three Grand Divisions of the Creation namely: Region of Universal Matter, Region of Universal Mind and Purely Spiritual Region. Each grand division has six sub-divisions which makes it 18 sub-divisions with three separators i.e. Nether Pole (Absolute Zero or Ground Datum); *Chidakash* (Separator between Region of Universal Matter and Region of Universal Mind) and *Mahasunna* (Separator between Region of Universal Mind and Purely Spiritual Region).

Trikuti, the fifth sub-division of the second grand division of creation i.e. Region of Universal Mind is the location from where the *Darshan* of *Waqt* Sant Satguru starts. Furthermore, it is with the necessary and sufficient Grace of *Waqt* Sant Satguru that the final Separator between the Region of Universal Mind and the Purely Spiritual Region (or Division) is crossed.

The recent scientific advancements like membrane-based String Theory which has 10 degrees of freedom (or independence) and Time Crystal by Dr. Anirban Bandyopadhyay (from NIMS, Japan) has upto 11 degrees of freedom (independence). If we look at the holographic representation of Black Holes formed as a result of Big Bang (Research reported by Kathryn M. Zurek & Erik Verlinde) using basis vectors of abstract mathematics, we can obtain two normalcy (i.e. normalcy) vectors for each 2-dimensional plane of the hologram thus making it six dimensional.

If scientists today pursue this approach of basis vectors of abstract mathematics, a jump of 6 dimensions in one go (“or one fell swoop”) can be obtained, and if we consider 2 separators also, then it would make it 7 dimensions. So, 7 dimensions each for first 2 Grand Divisions will make it 14 dimensional which is fully consistent with the scientific exposition of Radhasoami Faith in the *Discourses on Radhasoami Faith with its Supplement* in Second Edition and that would be the real progress by the scientific community towards the pursuit of Ultimate Reality (or Truth) which is the common goal of Science and Religion.

Beyond the first two Grand Divisions of the creation with 14 dimensions, one can only traverse with the Help, Grace and Mercy of Radhasoami Dayal- the Supreme Lord God of blissfulness for the whole creation.**

References: 1. https://en.wikipedia.org/wiki/Shiv_Dayal_Singh

2. <https://en.wikipedia.org/wiki/Consciousness> (Spiritual Approaches)

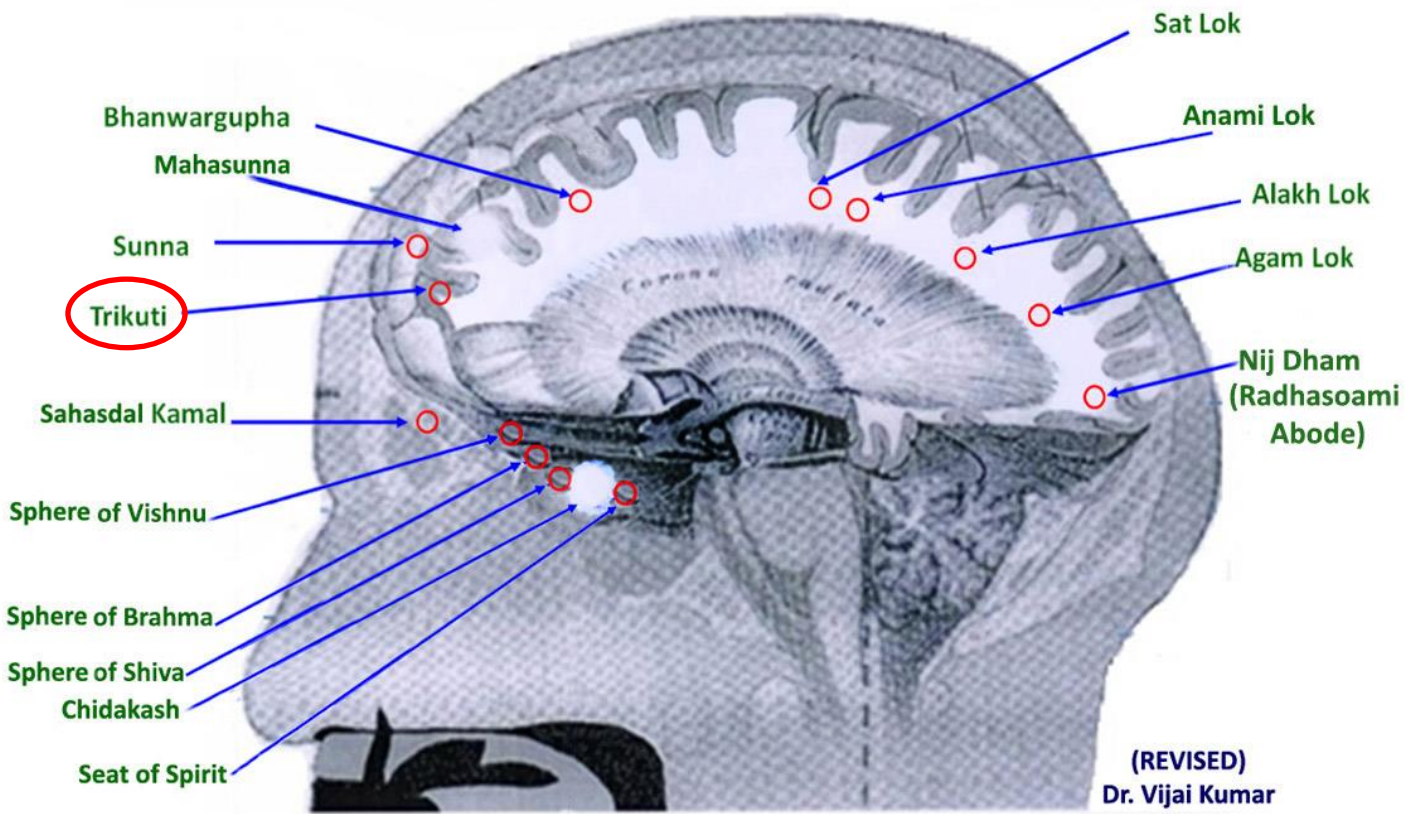
3. Satsangi, P. S. 2006, "Systems Movement: Autobiographical Retrospectives." International Journal of General Systems 35 (2): 127–167

4. Srivastava, D. P., V. Sahni, and P. S. Satsangi. 2016. "From n-qubit multi-particle quantum teleportation modelling to n-qudit contextuality based quantum teleportation and beyond" International Journal of General Systems 46 (4): 414–435. DOI: 10.1080/03081079.2017.1308361, ISSN No. 0308-1079.

** "Conceivably there is infinite variety to enrich the text of our aforesaid TEASE Consciousness on our Website- edeiwww.education" from time to time as and when due, in order to highlight our cherished policy of "Continuing Learning Process" on behalf of Dayalbagh Educational Institute (D.E.I.)- Deemed to be University (No. F.9-3/78-U-3, Government of India, Ministry of Education and Culture (Department of Education), New Delhi, the 16th May, 1981)

Appendix-1

**Brain apertures in the context of meditational practice of
*'Surat Shabda Yog'***



NANOBRAIN

The Making of an Artificial Brain
from a Time Crystal

Anirban Bandyopadhyay

 CRC Press
Taylor & Francis Group

