

International Journal of Research Publication and Reviews

Journal homepage: www.ijrpr.com ISSN 2582-7421

Rotational View of Human Brain's Split Engineering & Communicative Hemispheric Technology Lead Bio-Rhythmic Yogis to the Soul & Supreme-Soul's Bi-Lateral Seaters of Composite Mythological Partnership

Rojukurthi Sudhakar Rao

M. Phil (Africa Area Studies), Centre for African Studies, University of Mumbai, Mumbai, Western India,

Currently, PhD-Preparatory Research-Learner-Explorer & Earlier, Pre-PhD-Applied Mathematics, Andhra University.

Formerly, Ex-CSIR (Council of Scientific and Industrial Research) Junior Research Fellowship with MSc (Applied Science)

E-mail: 1955sudhakar@gmail.com

DOI: https://doi.org/10.55248/gengpi.5.1224.250133

ABSTRACT

Prominent scientific-cum-spiritual truths cannot be hidden any longer in this 21st Century.

As educated human beings, many of us believe in the Scientific Truths because basically by the time we attain certain regulatory-level of standards in the field of academic education, it becomes an influence within our grasp and grip that the scientific truths do matter to us as human-advancement-contributors. Several kinds of specializations in Sciences & Technologies in particular and many applied fields of adventures cause the said influence. After all, the human body also appears to have been a team work of consolidated Departments of Nature's University situated far away in the Universe and out of bounds in human mind-set locations.

This Paper presents on the basis of bio-foundations and physical observations of the clock-wise and anti-clockwise rotational viewings of human biological brain as a shapely object of Nature's intrinsic yogistics imprinted in spiritual coinage of the symbolic secrets of balancer-laws of Nature's instrumentation. Evidence to this is the independent 'Brahma-Randhra-Hole' located on top as the Head of other Randhra-Holes which all from within are bio-mechanically connected substructures

The titled result from knowledge of replayed-recorded rotating images helps make explicit the implicit hard talk in spiritual fashion of hemispheric mythological accommodation that the yogistic spiritual truth of the 'Soul & Supreme-soul's Composite Mythological Partnership & Bi-lateral Seaters' is disclosed by the 'Rotational View of Human Brain'. Illustrations are in an economic mode of picture-perfect-limitation avoiding usage/ influence of lavish mythological Greek/Latin as well as India's Sanskrit/ Pali Scriptures/Grammar/Interpretations.

Keywords: Brain, Human, Rhythmic, Rotational, Scientific, Soul, Supreme-soul, Truth, Yogistics

1. EVERY RESEARCH HAS THE BEGINNING OF UNIQUE INDEX

1.Abstract	8. Scientific Times's Yogism's High Esteem	15. Artificial Intelligence's rotating gears inside human brain? Universe Rotates or not?
2.Introduction	Upper Brain vs Lower Heart Duel as Chief Center of Consciousness	16.Human Brain Yogistics as Rotation Inculcator
3.Literature Survey	10. Definition of Brahmarandhra in Abstract	17. Rotation-will-powered Simulations
4.Significance of Research	11.Bio-rhythmic-yogism's Proprietary Inequalities & Simultaneous Equations	18. Conclusion
5.The Knowledge of Divinity (KOD)	12.Rotation Feature @ Human Brain: Bhagwan Vishnu's Half-Human-Half-Tortoise Kurmasana	19.References
6.Two-Dimensional Theory of KOD	13.Spilt Engineering & Communicative Hemispheric Technology	
7.Non-Scientific Times' Yogism's Low Esteem	14. Rotational View of Human Brain	

2. INTRODUCTION

The World celebrates International Yoga Day every year on 21st June. Incidentally, a question may arise that between the Yoga and the Om, which is the first and which is the second in terms of potential as well as benefit to the mankind.

First and foremostly, the Yoga was revealed by the Almighty God Krishna to Arjuna (Chapter 6. verse 17 in Bhagavat Geeta) and thereafter, in continuity of His progressive lectured revelations at about the same time of the particular Vedic hourly moment, the Om was revealed by Krishna to Arjuna (Chapter 9. verse 17 in Bhagavat Geeta)) via the medium of His Divine Voice & Language, cumulatively called the gifted Bhagavat Gita Knowledge.



Fig> Arjuna being lectured by Lord Krishna on the war-soil

Therefore, it is justified to note that the World has begun to celebrate International Yoga Day since Yoga is the firstly disclosed knowledge while something like an International Om Day does not exist till now and has not yet been even contemplated for internationally common recognition, endorsement and carry forward celebrations, let alone its inherent value and potential internationally globalized.

3. LITERATURE SURVEY @ A RESEARCH PAPER & A BOOK

It is maiden practice for the author to bring in a Research Paper under Literature Survey's categorization and interest for the sake of current Paper's Title pointing to certain mythological dimensions in human life span inevitably learnt during the course and period of one's maturation/saturation in one's life-hood.

3.1 Left Brain/Right Brain Mythology and Implications for Management and Training

[Hines, T. (1987). Left Brain/Right Brain Mythology and Implications for Management and Training. The Academy of Management Review, 12(4), 600–606. https://doi.org/10.2307/258066]

In this Paper, the assertion has been put forth that the functional distinctions between the two hemispheres of the human brain carry significant implications for management and training methodologies. This paper examines the research surrounding hemispheric differences and concludes that these assertions constitute a "hemisphere mythology," which is at odds with the findings regarding the actual nature of the differences between the hemispheres.

3.2 Arthur Avalon (1974). The Serpent Power: The Secrets of Yoga: Dover Publications, New York

[https://books.google.co.in/books?id=TyX1OqLDb9gC&printsec=frontcover&redir esc=y#v=onepage&q&f=false]

This book elucidates the identity and significance of Kundalini in the context of life. From a mythological perspective, Kundalini is regarded as a manifestation of Shakti, representing power or energy, and is considered the consort of Shiva. Philosophically, she embodies the creative force that ultimately gives rise to both mind and matter, ultimately settling in the most fundamental form of matter. She represents consciousness, signifying the ability of matter to attain self-awareness. In the realm of Tantric practices, Kundalini is perceived as a profound energy residing within the human body, which can be activated through specific techniques, including specialized meditations and yogic practices.

4. SIGNIFICANCE OF RESEARCH

The leading focus of this Paper is differently composed in objectivity as if more scientifically relevant and researched essence on the lines of the Titled originality that the 'Rotational View of Human Brain's Split Engineering with Hemispheric Communicative Technology has led the Bio-rhythmic-yogis to Composite-Brain-Seaters of the Soul & Supreme-soul's Bi-lateral Partnership of Hemispheric Mythology in terms of the 'Knowledge of Divinity (KOD)' and its associative 'Two-Dimensional Theory of KOD'.

5. THE KNOWLEDGE OF DIVINITY (KOD)

During the human life span, at one time or the other, the human brain and the human heart are overpowering and dominating each other as the contract-role-models in terms of the Soul, the Supreme-soul, the Yoga-maturation and the Om-saturation. One can state that they are like two Lighthouses in the human body of the Nature's Infrastructure through Organization & Operations of Human Body serving from within same cause of Knowledge of Divinity (KOD) with outstanding twin objectives ranging from the Bio-Yogism-Maturation to Om-Saturation enshrined in the Constitution of Divine Philosophy. In practical experience of the ageing process of human body subject to naturally occurring wear and tear, the KOD of Bio-Yogism-Maturation takes precedence over and much before the KOD of Om-Saturation. In addition to these understandings, it could be further realized in living experiences that the segregated Bio-Yogism-Maturation and Om-Saturation constitute two-dimensional Divine Theory of the KOD while being mutually inter and intra reciprocative within the apparatus, namely human being.

6. TWO-DIMENSIONAL THEORY OF KOD

Moreover, interestingly my own scientific observation is that both of the Yoga and the Om, have been revealed by the Almighty Krishna as the 17th verse in their respective chapters of #6 and #9 of the Bhagvat Gita. This conveys the lower Chapter # 6 is destined for Yoga and the higher Chapter # 9 for the Om enabling one to easily deduce from the Divine's numerical organization that the Om is more effective by three times [9 > 6 = 9 - 6 = 3] than the Yoga, based on the respective numerical organization @ chapter-verse-status. This culminates into conclusively saying that there exists the two-dimensional Divine Theory in terms and conditions specific to the most respected "Knowledge of Divinity (KOD)". The two dimensions are self-obviously, the lower KOD of Bio-Yogism-Maturation and the higher KOD of Om-Saturation throughout the indelible, indispensable and invaluable Divine Philosophical Lectures represented by the syllabus of the Nature's University (referred to by the Author in the Abstract of the paper). In contrast to this type of scientific interpretation, the modern World as a Global whole has indeed celebrated the International Yoga Day paving the way to ask ourselves when an International Om Day will come into vogue to spread its higher potential (thrice over and above that of Yoga) to the benefit of the mankind.

7. NON-SCIENTIFIC TIMES' YOGISM'S LOW ESTEEM

In non-scientific and underdeveloped industrial days, Yoga was used to be a forward and backward linkages in engagement to the attainment and display of extraordinary supra-human abilities. Many perceived it as an intriguing ancient practice that merged a variety of spiritual beliefs with an enigmatic and unique discipline. There existed a common misconception that yoga primarily revolved around these remarkable experiences. Additionally, it was thought that one must engage in strict physical and mental training to truly practice yoga. It is surprising how prevalent these superstitions were. In reality, most of these notions about yoga have been fundamentally misguided.

8. SCIENTIFIC TIMES'S YOGISM'S HIGH ESTEEM

Currently, because of the International Yoga Day's recognition and observation globally have become a popular custom on the Earth, Yoga and its education, training, self-employment, government jobs and research programs, are held in the high esteem of the denominations, either Bio-rhythmic-yogism or Bio-Yogism-Maturation. Hence, this Title of Human Brain Seats Soul & Supreme-soul in Bio-rhythmic-yogism emanates out of research-study-concentration to become equally notable in the minds of the readers & prospective research assistants and associates.

Recently, an increasing and growing number of scientists, technologists, engineers and space explorers have begun to study and experiment with the fascinating intersection of modern industrial research and yoga. This emerging area of interest suggests that there is a wealth of valuable insights to be uncovered. Despite the limited scientific understanding of the various trial and error methods inherent in yoga practices, today's dedicated yoga practitioners are not just casual enthusiasts; they are educated, intelligent individuals with strong character who are genuinely drawn to the transformative potential of yoga, no matter the bio-gender-technicalities of male, female and trans-gender.

9. UPPER BRAIN VS LOWER HEART DUEL AS CHIEF CENTER OF CONSCIOUSNESS

Different people have in the past assigned the seat of the soul or life to different parts in our body such as the blood or the heart or the breath. Generally, the brain was not so regarded. The Vaidika or Vatic followers considered the heart as the chief center of Consciousness because the Sadhaka Pitta or fire-like activity is situated (residing) in the heart for emotional balance of mental functions: knowledge/ intelligence/ self-consciousness/ life-experiences/sharpness/focus/clarity/making decisions/communicating ideas/analytical planning aided by brain, eyes & tongue. They felt that all this assisted human heart's performance of cognitive functions by keeping up the rhythmic cardiac contractions. This view of the heart's construction with auto-contractions created a predisposed notion in their minds that heart is the seat of cognition advancing the human goals of life.

However, the real factual chief center of consciousness is in the upper brain though the lower heart is a seat of atma.

10. DEFINITION OF BRAHMARANDHRA IN ABSTRACT

Brahmarandhra is a specialized term in Yoga that refers to an opening located at the crown of the skull. Often described as the "crevice of the Supersoul" or the divine entry point into the human body, it holds significant spiritual importance. Upon death, it is believed that the human soul departs through this passage, which explains why the skull may appear to burst open upon examination.

11. BIO-RHYTHMIC-YOGISM'S PROPRIETARY INEQUALITIES & SIMULTANEOUS EQUATIONS

The human form is a microcosmic reflection of the universal form. The 'Universal Consciousness' is realized by the 'Human Consciousness'. The latter enjoys its privilege of 'Oneness' with the former. Following nine thorough understandings are important fundamentals to be called Bio-rhythmic-yogism's Simultaneous Equations & Proprietary In-equalities

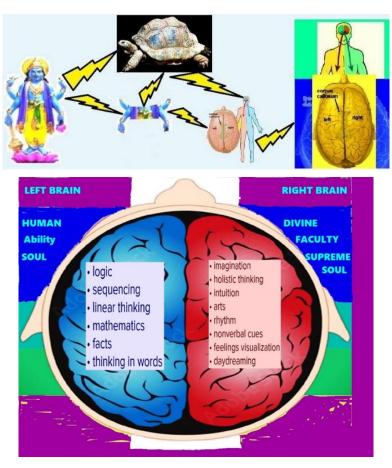
- ➤ Atma = Consciousness [= implies equality]
- Mind =/= Brain [=/= implies inequality]
- ➤ Brain =/= Body [=/= implies inequality]
- ➤ Mind+ Body = Veiled expression of Consciousness / Atma
- > Brain is a part of the Body
- Living Brain = Matter infused with Life-hood or Life Principle
- Living Brain's Matter = Bio-worked up materialistic means to express consciousness in the form of Mind
- ➤ Consciousness =/= Property of the Body
- ➤ Consciousness=/= Function of the Brain

Equalities & Inequalities

- Atma = Consciousness [= implies equality]
- Mind =/= Brain [=/= implies inequality]
- Brain =/= Body [=/= implies inequality]
- Mind+ Body = Veiled expression of Consciousness / Atma
- Brain is a part of the Body
- Living Brain = Matter infused with Life-hood or Life Principle
- Living Brain's Matter = Bio-worked up materialistic means to express consciousness in the form of Mind
- Consciousness =/= Property of the Body
- Consciousness=/= Function of the Brain

12. ROTATION FEATURE @ HUMAN BRAIN: BHAGWAN VISHNU'S HALF-HUMAN-HALF-TORTOISE KURMASANA

Kurmasana comes from Sanskrit words, 'Kurma' meaning Turtle or tortoise, and 'Asana' meaning pose or posture. In modern yogistics, this pose is dedicated to the second incarnation of Lord Vishnu as the Kurma (Half-Human and Half-Tortoise). assuming the form of the oceanic Kurma (Tortoise) as seen below.



In Indian mythology, the Devas (divine beings) and the Asuras (demons) collaborated to churn the cosmic ocean in a quest to obtain the divine nectar. They utilized Mount Mandara as the churning pole and the serpent Vasuki as the rope for this monumental task. To aid in this endeavor, Vishnu Bhagwan assumed the form of a tortoise, known as Kurma, to stabilize Mount Mandara during the churning process. Hence the so-called Kurmasana has an indelible place in modern yogistics applications of rotational significance including technological scope.

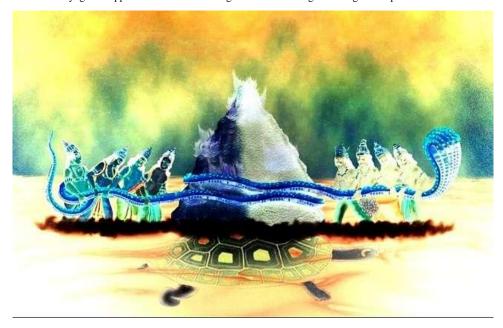


Fig. Vishnu Bhagwan took the avatar of tortoise (Kurma) to support rotations of mount Mandara

Kurmasana symbolizes a stage in yoga when just like a tortoise does by pulling itself into its shell shutting material senses in control of feelings owing to sensory stimulation so that helping brain to be conscious of the Supreme-self. One who has mastered the Vedic Texts knows the Vedic knowledge that the second incarnation of Lord Vishnu as the Kurma is 'Half-Human & Half-Tortoise' assuming the form of the oceanic Kurma (Tortoise) as seen in above picture. Hence the roots of human brain marvel in the so-called Hemispheric Mythology.

The Kurmasana pose involves starting from a seated wide leg stance, lengthening your spine, bending your knees, slowly dropping your upper body toward the floor, and sliding your arms below your knees in higher level of flexibility with a high level of mobility and rotational inkling. In anutshell, It is a seated intense forward bending pose.



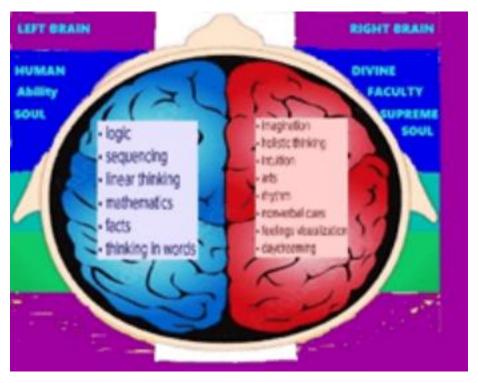
Fig. Pose of Kurmasana

13. SPILT ENGINEERING & COMMUNICATIVE HEMISPHERIC TECHNOLOGY

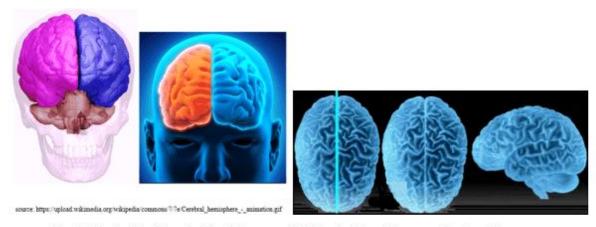
The human brain is an incredible organ. The left and right sides of the brain control different functions and different processes in the human body. The brain's left half controls the right side of the body while the right side of the brain controls the left side of the body. Both works together as a "command center" to control all of our survival. Cross-hemispheric communication within themselves facilitated lateralized brain functions

The cerebrum is divided into left and right hemispheres. The two sides are connected by the nerve fibers corpus callosum.

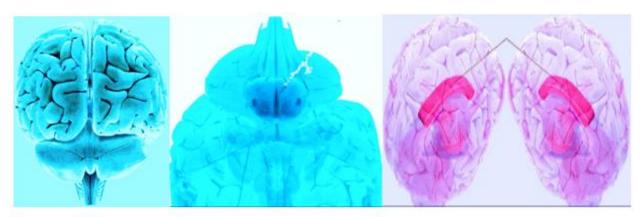
Despite the differences between the hemispheres, we need to remember that the complementary aspect of their relationship ensures brain's overall efficiency and the hemispheres are a team rather than individual role-fillers. In other words, the specific areas are responsible for different functions, but the brain works as a wholesome unit. Hence the phrase "left and right brain" refers to the anatomical hemispheres. And, yet, it has been established that those symmetrical left and right hemispheres are in vice versa fashion in charge of the opposite side of the body self-sustaining powerful bilateral connections.



Hemespheric Mythology



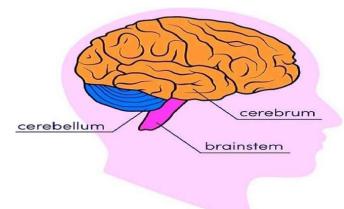
source: https://upload.wikimedia.org/wikipedia/commons/7/7e/Cerebral_hemisphere_-_animation.gif



corpus callosum or the communicator-handler between the brain's hemispheres

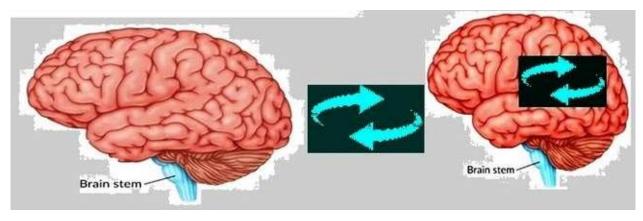
14. ROTATIONAL VIEWS OF HUMAN BRAIN

The Hindu expression of Yoga means that it is ultimate union with the Supreme-soul while obviously enough knowledge is already there that the human body in its natural state is unconsciously in Yoga forever. Otherwise, it would not have existed at all with manifested mental and moral qualities desirable for strength & health aroused by inherently will-powered origination of voluntary yogic actions and movements.



source: https://www.hopkinsmedicine.org/health/conditions-and-diseases/anatomy-of-the-brain

In the above picture, one could see that there exists the cerebrum, just above the cerebellum. The activity of cerebrum is ordinarily associated with conscious volition and ideation and the origination of voluntary movements. There is also the existence of a 'brain stem' which is located at the base of the brain as seen above which connects the cerebrum to the cerebellum. Therefore, the stem is the connector between cerebrum and cerebellum which are placed one above the other giving the plausible impression of their rotatability or rotation-ability imbued in the stem as vividly seen below.



source: https://www.flintrehab.com/brain-stem-stroke/

The notion of Consciousness is that Consciousness in itself is the Atma. Both mind and body, of which latter the brain is a part, are veiled expressions of Consciousness, which in the case of matter, i.e., brain, is so veiled that it has the appearance of unconsciousness.

In other words, the living brain is constituted of gross sensible matter infused by Life-hood/Life-principle. Its material has been worked up so as to constitute a suitable vehicle for the expression of Consciousness/ Atma in the form of the Mind. As Consciousness is not a property of the body, consciousness is also not a function of the brain which is part of the body. It is to be noted that the brain is created for the expression of consciousness called Atma even though that that consciousness is not inherent alone in brain or that it is the property of the brain altogether. At the same time, the assertion in the medical world is that brain is needed for the fact that mental consciousness is paralyzed or absent with a health disorder of the brain and the brain alone proves the expression of such mental consciousness of diseased brain.



15 ARTIFICIAL INTELLIGENCE'S ROTATING GEARS INSIDE HUMAN BRAIN? UNIVERSE ROTATES OR NOT?

It is still undecided-times in our 21st century. None could confirm rotation of the Universe. Scientists are for and against with their proofs-counter-proofs. Earthlings in their current level of faculty of Physical Sciences have come up with multi-Verses. Bio-rhythmic-Yogis @ Yogism Maturation are selectively installed higher personalities in the Universe by Divine Ordinance. Earthlings cannot fix right or wrong complicating matters further at Universities of Research Projects globally. *This self-directed author-researcher opines that the question itself is the Divine Physics of the KOD*. Only the Divine Court of KOD can deliver the Divine Justice sooner or later than excepted as none else but the author-researcher himself has already appealed for the Divine Court's cognizance *sua sponte/suo motu*.

As per the fast evolving 'Artificial Intelligence (AI)'s 'Concept of Idea of collective Thinking', it is modern research study undertaken to answer the question as to whether there are rotating gears inside of the human heads. The AI's intuition arises out of the prevailing notion that the Universe is in

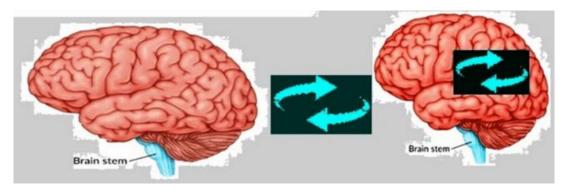
constant rotation such that measurement of the same cannot be computed owing to its infinitely small value forcing one to believe that Universe does not rotate at all.



source:https://www.gettyimages.in/detail/video/three-rotating-gear-mechanism-inside-a-human-head-stock-footage/1128038487?adppopup=true

Based on this scientific truth, this Paper proceeds giving below what are called certain will-powered Yoga Simulations as samples of rotational yogistics in action.

16 HUMAN BRAIN YOGISTICS AS ROTATION INCULCATOR



Source: https://www.flintrehab.com/brain-stem-stroke/

Not each and every pose of the popular yogistics in action lead to the sense of practically rotational and reputational view of inculcator yogistics of Human Brain. There might occur difference of opinion and/or conflict of interest among the several kinds of Gurus, Masters, Champions, Teachers, Trainers, Theorists, PR-actioners (Public relations actioners), Virtual Practitioners, Students, Experts and Researchers in this regard. However, at one moment or the other, the idea runs across one's mind even minutely because in anybody's boyhood times, if recalled to memory, the realization resurrects that there were sensations of the rotational effect that occurred within the human brain on account of the rotational movement of entire physical body in the of act of going round and round in a playful or sportive mood for more than three or four minutes standing on the ground or sitting on a revolving plane.

16. ROTATION-WILL-POWERED SIMULATIONS

16.1 Paschimotanasana (Brahma Randhram toward Sky)



16.2 Bhadra Posture (Face partly bent towards Earth with Brahma Randhram toward Sky)



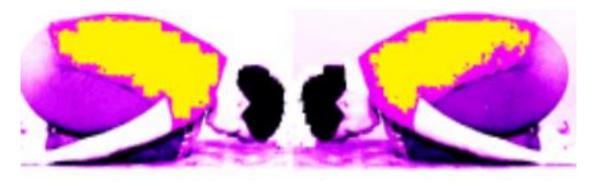


16.3 Vajra Asana (Brahma Randhram toward Sky)





16.4 Balasana (Brahma Randhram toward Sky)



17. CONCLUSION

International Yoga Day's Realism has had International Relations uplifting Indian Spirituality & Massaging India's Viswa Guruhood. In other words, asserting that 'Human Brain' seats Soul & Supreme-soul in Bio-yogistic-Realism (International Relations). India sponsored and UN (United Nations) endorsed International Yoga Day led divergent populations of brain-spoken languages of multi-variety to the one consolidated language-in-action called Yoga or the Humanly-Physical-Language.

Yoga serves to clarify the essence and role of existence of human beings throughout the journey of life. Mythologically, Yoga is depicted as an aspect of streamlining human power or human energy and is known as the partner of the Nature in the Universe while the outstanding human belief is also that the Universe lies within human body. From a philosophical viewpoint, human-Yoga philosophizes that the creative-productive-destructive human energy is like an "Export Citation" that ultimately gives rise to both the mind and the material world, finding its resting place in the most elementary form of matter. Human being embodies consciousness whereas Yoga is the potential of matter promising self-awareness. In this context of Yoga practices, any hidden power within the human body is made alert through various Yogistic-techniques through the human brain that has come to be regarded as the chief center for the inter and intra mutual consciousness with the Universe.

References

- 1. https://www.shrikali.org/asanas.php?asanas=Vajrasana
- 2. https://www.rehabilityjournal.com/articles/jnpr-aid1020.php
- 3. The Serpent Power, Dover Publications Inc., New York.
- 4. https://www.google.co.in/books/edition/ /TyX1OqLDb9gC?hl=en&gbpv=1
- 5. https://www.istockphoto.com/photo/medical-illustrate-gm484707882-71443503
- 6. https://www.hopkinsmedicine.org/health/conditions-and-diseases/anatomy-of-the-brain
- 7. https://myyogateacher.com/yoga-asana/kurmasana
- 8. https://www.yogasukshma.com/articles-and-lecture-presentations-by-ganesh/kurmasana-mythology-and-symbolism
- 9. https://www.flintrehab.com/brain-stem-stroke/
- 10. https://www.britannica.com/science/brain
- 11. Britannica, T. Editors of Encyclopaedia. "brain." Encyclopedia Britannica, November 19, 2024. https://www.britannica.com/science/brain.
- 12. https://www.brainfacts.org/3d-brain#intro=false&focus=Brain-corpus_callosum&zoom=false
- 13. Brain Anatomy and How the Brain Works [https://www.hopkinsmedicine.org/health/conditions-and-diseases/anatomy-of-the-brain]
- 14. https://pmc.ncbi.nlm.nih.gov/articles/PMC7307677/: Research Paper Alshareef A, Giudice JS, Forman J, et al. Biomechanics of the Human Brain during Dynamic Rotation of the Head. J Neurotrauma. 2020;37(13):1546-1555. doi:10.1089/neu.2019.6847
- 15. https://www.twinkl.co.in/teaching-wiki/tortoise
- $16. \quad \underline{https://www.medparkhospital.com/en-US/lifestyles/are-you-a-left-brain-or-right-brain-thinker}$
- 17. https://en.wikipedia.org/wiki/Lateralization of brain function
- 18. https://upload.wikimedia.org/wikipedia/commons/7/7e/Cerebral_hemisphere_-_animation.gif
- $19. \quad \underline{https://www.dropbox.com/s/z4hdrkpo7xtumnu/Screenshot\%202024-12-14\%2019.16.10.png?dl=0}$
- $20. \quad \underline{https://www.simplypsychology.org/left-brain-vs-right-brain.html}$
- 21. https://www.jstor.org/stable/258066?read-now=1&seq=1#page_scan_tab_contents
- 22. https://www.bbc.co.uk/religion/religions/hinduism/deities/vishnu.shtml
- $23. \quad \underline{https://encyclopedia.thefreedictionary.com/Ramtha\%27s + School + of + Enlightenment}$
- 24. https://mayfieldclinic.com/pe-anatbrain.htm
- 25. https://www.icrcanada.org/research/kundalinievolution/brahmarandhra
- 26. Hines, T. (1987). Left Brain/Right Brain Mythology and Implications for Management and Training. The Academy of Management Review, 12(4), 600–606. https://doi.org/10.2307/258066