

## Exploration

# Logical Understanding on God

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## Abstract

In almost all religions, it is said that God is the supreme source of the universe. But it seems that God could not be sensed through any material sensations. Thus, we need to develop the logical understanding of God which would be only possible through the entities that are subtlest in nature and form the substrate of our awareness. This substrate is consciousness and, in turn, the source of consciousness is the divine, omnipresent, omnipotent and omniscient God.

**Keywords:** Consciousness, mind, brain, Self, quantum field, Atman, God.

## Introduction

Different religions describe the supreme source of the universe differently and the people in their respective religions have different opinions, beliefs and/or doctrines about God. We need to describe God in a more scientific way. The scientific perspective towards God would help to eradicate the effects of the extremists who interpret the scriptures wrongly and create fears in people.

The principle which needs to be proved scientifically that shall have to be experienced and/or logically understood by everyone. With this prerequisite, many saints elaborated God as the supreme most principle of consciousness, in such a way that no one would deny it. Such saints had represented their theory undoubtedly without any ambiguities that we need to see in the scientific perspective. Here, we will discuss this supreme most principle of God in the context of scientific advancements.

## Appearance of Consciousness & the “Self”

Through quantum mechanics, we have come to know that the living things and the universe are well entangled with each other. We have also seen how mind, brain and the entire body function to portray the living things. Thus, we have made a well proven and well defined premise on the scientific basis with which we are now ready to understand the divine principle of God. This premise has now well brightened up on the background of understanding of the quantum mechanics. Quantum mechanics has created a kind of confidence in us that will help us to understand the concept of existence of the divine and the supreme most principle of God.

We know that the universe is comprised of two fundamental principles such as energy and the universal source of consciousness. When the purest form and the subtlest state of energy allows transmitting the supreme most principle of consciousness through it then the awareness prevails.

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Scientists have been proving that the quantum state of the purest form of energy holds potential to transmit the supreme source of universal consciousness through it to call it as a “Conscious Mind-field” or the “Field of Awareness” as such.

We know that the Boson field and the Fermions field are the two forms of universal energy. Baaquie and Martin [1] described the phase entanglement of Boson field and the Fermions field. The Boson field or the field of force or the Compound Inter-etheric  $\emptyset(t, x)$  and Fermions field or the field of attributes or the Inter-etheric  $\varphi(t, x)$  together form a “Super Field”  $\psi(t, x)$  of the universal energy.

According to [1], such a supreme most state of energy possesses immense potential to transmit the supreme most sense of consciousness and the supreme most quality of the divine light through it. Let’s understand how such supreme sense of consciousness gets transmitted through the quantum field of mind to perceive it as a field of awareness as such.

In [2], Hu and Wu illustrated the mechanism of appearance of consciousness in the mind field through a spin mediated theory of consciousness with the quantum spin as a “Seat” of consciousness. The spins provide an interface between the composition of the brain and the electromagnetic waves that cross the brain. Consciousness is seen as emerging from the collapse of spin states that are entangled with one another.

Consciousness cannot be created out of any quantum phenomena and/or by the functions of the brain. Its material grounding is just next to impossible. As mentioned in [2], the consciousness emerges from the collapses of entangled quantum states which are able to survive the decoherence, where the collapses are contextual, irreversible and non-computable and the unity of consciousness is achieved through quantum entanglement of the mind-pixels.

Therefore, we need to consider the phase entanglement between the quantum states of two quantum fields as explained in the above research paper [1] that is capable of holding and transmitting the supreme most sensations through them as an emergent event of the feelings of “Self”. Thus, the transmission of the supreme sense of “Being Conscious” is said to be mediated by the spin of bosons through its own quantum field of force. And simultaneously the Fermions-field of attributes characterizes the sense of “Being Conscious” generating the “Self” within.

Thus, we can say that the consciousness triggers the quantum mechanisms in the quantum field to create a fundamental element of the virtual reality of the “Conscious Mind”. Such a fundamental virtual reality of the “Conscious Mind” brings the universe in its ambit of awareness with the collapse effect upon observation or the measurements. Thus, the apparent reality of the physical world is brought into the mind to initiate the meaning mechanism in light of consciousness that brings this physical world into its material existence through collapse effect [3].

The fundamental supreme sense of consciousness in the form of “Being Conscious” is universal whereas the response given by the mind in the form of “Self” becomes its personalized “Self” and is limited to the individual person or the sentient being only. The personalized feelings of “Self” are further categorized into Esteem, Ego and Pride according to the behavior of the

person, whereas the supreme sense of consciousness cannot be further categorized as it is the only supreme most sense of source of consciousness.

The process of appearance of consciousness in the microtubules of the brain was also explained by Penrose and Hameroff [4]. The quantum field of mind thus becomes conscious to perceive the worldly sensations. Once one describes the mind-field as a quantum field, the characteristic quantum field behavioral pattern gets applicable to it. Upon measurement quantum field undergoes perturbation and response. Thus these behavioral qualities of getting perturbed and responding to it become the fundamental characteristics of the mind-field. In [5], I explained in detail the cycle of Measurement-Perturbation-Response-Measurement pertaining to the mind-field. It is speculated that this cycle becomes the “meaning mechanism” in the entire process of knowledge building.

The “Self” is a virtual reality that cannot be seen but is being experienced by every one of us and appears as a truth on the physical plane of reality. Thus, the science has now proved that the “Conscious Mind” that has given birth to the “Self”, is a spontaneous source of universal energy.

Our mind-brain system has been playing the role of the Doer/Survivor/Consumer. We know how the mind-brain system functions creating their own field of awareness. In order to enlighten this functionality with awareness, there shall have to be the subtlest entity of consciousness in and out of the mind-field. For example, in the dark-room we cannot see anything; we get confused and go wandering. But as soon as the room gets lightened up, we feel comfortable to be there. Similarly the mind-brain functionality shall have to be continually enlightened by the consciousness. The experience and the thought of “The room was dark and that was required to be lightened up” are understood in the light of consciousness only. Therefore, the consciousness is said to be beyond all the illuminations, enlightenments, elucidations that does exist in every sentient beings. The consciousness is responsible for the “Meaning Mechanism” to appear through “MPRM” cycle. Therefore, the scientific study has been proving that the “Consciousness” is said to be the supreme most principle of the universe.

The awareness of experience and knowledge gets enlightened in the mind and the observer-“Self” perceives it. It is that “Omni-illuminate” which enlightens our intellect and wisdom within. If intellect and wisdom were the eyes of a disciple, then the supreme most principle of consciousness is said to be analogous to the Sunlight. The supreme most illumination of the source of consciousness is described as “Atman” in Vedanta/Hinduism. “Atman”, the divine and the supreme most principle of God is a source of consciousness and its divine light which has potential to illuminate, elucidate and enlighten every function of the mind and everything in the universe. The consciousness is a character of the mind-field that emerges from the source of consciousness - “Atman”. We need to logically understand the scientific existence of God that has been elaborated below.

## **Logical Understanding of God as the Supreme Source**

We perceive the universe in all its different forms of object and subject with a medium of our body and mind. We also are aware of all the merits and demerits along with all the attributes of

the mind. We cannot directly perceive the consciousness through our mind-field. It is said in the Vedanta (Hindu Scriptures) that unless we dissolve the mind-field into consciousness itself, we cannot even imagine the supreme source of enlightenment “Atman” behind it. As soon as the disciple brings the consciousness in the ambit of its awareness, that “Self” dissolves into the supreme source of consciousness- “Atman”. Thus, till the time there is an observer “Self”, it is quite impossible to experience the virgin state of consciousness. It is never possible for the intellect and wisdom to directly experience the consciousness as that consciousness itself is the illuminating principle of those two entities. Or we can say that wherever the intellect would reach, the light of consciousness would have already been reached there before it. Therefore, we need to logically understand the consciousness and its supreme source -“Atman” and rationalize it to understand the concept of God.

### **Logical Understanding (1)**

Many times we experience that the five sensory organs of material body do have their associative mind-based subtlest sensory organs that play their roles within the mind-brain functionality in light of consciousness. For example, just visualize the face of a friend living far away from you since long time. The “Self” projects the memorized picture of a friend on the mind-screen and observes his image in light of consciousness. At the end of “Meaning Mechanism” the awareness of “being memorized” is enlightened by the Omni-illuminating principle of consciousness. In Vedanta it is said that such a source of divine light within the mind is called as a principle of God that remains aloof from every act of mind. In a nutshell, we now can say here that all the events of realizations are enlightened by the consciousness that can be described as a supreme most principle of God. This logical understanding in the context of quantum mechanics and the advancements in the science, we say here that the light of the consciousness is the supreme most principle of God in which the awareness itself deserves its own meaningfulness.

### **Logical Understanding (2)**

The alacrity of the speed, stability of the stable one, glaze of the brilliance, enlightenment of the science, plenum of the completeness, beautifulness of the beauteous, serenity of the peace, piousness of the pious, tenderness of the love, infiniteness of the infinitude, abstraction of the formless, altruism of the altruistic one, incredulity of the incredible, creativity of every creation, liberation of the liberty, meaningfulness of every meaning, the gentleness of the motherhood and the parentage of the fatherhood etc. are the highest principles of the human life those have been getting enlightened by the consciousness. No doubt that these highest principles are the product of mind-brain functionality of human beings but there should be something superior to them to enlighten. And such a supreme most principle of consciousness -“Atman”, thus gives meaning to these highest principles of human life. The Vedanta has been telling us with a bellow, this truth, since thousands of years.

### **Logical Understanding (3)**

According to Vedanta and spiritual science, body, mind, intellect, objects and their subjects do not possess any potential to bring the experience of pleasure and peace to the observer “Self” within sentient beings. Spiritual science says that as soon as our desires get satisfied, the mind

and body become calm and quiet. Their awareness dissolves into the conscious feeling of the completeness of the desire. Scientifically we can say that at that instance, all the quantum superposition states of mind in the form of thoughts and desires get disappeared for a while. Or in other words, we can say that the “Self” extracts its attention and awareness from all the thoughts and desires momentarily. Such an empty mind-field then immediately gets filled up with the purest and virgin sense of consciousness. This momentary touch of the flooding sense of consciousness creates the feeling of pleasure. We generally presume that the accomplishment of the materialistic desire is a cause of pleasure. But on the contrary; it is the touch or the flood of a “virgin” feeling of the sense of the consciousness without any hurdle or the disturbance in the mind-field that creates the pleasure. The sense of being thirsty and incompleteness disappears and the “Self” gets submerged into the ocean of bliss and peace. This effect of “flooding the mind” with a “virgin” sense of consciousness remains for a fraction of a second because that is based on the dialectical materialism or to say on the material acts of the person.

Let us try to understand this process of getting in touch with the supreme most principle of universe “Atman” through the following steps.

- 1. We know that the desires are quantum superpositions of the mind-field itself. Such desires are nothing but the expectations of some or all of the possible material sensations from the universe as such. We receive 5 different types of sensations from the universe through our 5 sensory organs. Due to successive efforts by the sentient being such a superposition state of the mind reaches to its quantum decoherence state to further enter into the quantum collapse effect. Such quantum effects ultimately bring the material sensations into the ambit of awareness of the sentient being.*
- 2. At the moment of fulfillment of a desire the mind leaves its awareness of “Self” and the observer disappears. This period can be compared with the quantum time that cannot be perceived by the sentient beings.*
- 3. At the same time of fulfillment of the desire, the “Self” or the observer disappears. The mind temporarily loses its entanglement with its own “Self”. As the “Self” disappears, all the remaining awaited quantum superposition-states of the mind disappear in the substrate of memory unit. In the absence of an observer the intermediate quantum collapse effect [5] also disappears from the mind field. Moreover, the “Self” loses its awareness of existence from the surrounding physical world. Thus the entire field of awareness of the mind gets cleared off from all the debris of thoughts that were created by it.*
- 4. Subsequently the field of awareness of the mind gets completely filled with the supreme sense of consciousness. Immediately after getting the awareness of the surrounding world, the “Self” gets overwhelmed due to such supreme sense of consciousness. Such an overwhelming experience of the “Self” is blissful to create immense pleasure within itself.*
- 5. Due to the infinitesimal time lag and inability of “Self” to perceive the virgin source of consciousness-“Atman”, it gets deluded by itself and assumes that the fundamental cause of its pleasure is the bundle of sensations that were transmitted from the worldly matters by virtue of its own efforts.*

#### **Logical Understanding (4)**

The “Self” is a centralized state of mind appears due to the spontaneous response of mind-field to the supreme sense of consciousness within. The existence of “Self” prevails till the mind-field remains in the state of duality or the dialectical materialism. If a disciple through deep meditation, let his/her “Self” to leave everything from our minds, then there would be no disturbance of “What’s next?”, no disturbance of an unbreakable chain of thoughts, no disturbance of any superposition of desire or any passion, no disturbance of expectations, no disturbance of love, affection and hatreds, all the contradictory feelings would vanish, all the tendencies and feelings based on the duality would vanish and the mind would become empty. Such an empty mind would immediately get filled with an abundant and supreme sense of consciousness within. The mind-field thus will get transformed into the wave form during deep meditation. After coming out of deep meditation the “Self” realizes the spellbound state of mind that was flooded with bliss and peace as such.

This is called as a non-materialistic pleasure or the immeasurable bliss. The awareness of this divine experience would be enlightened in the light of consciousness. At the higher level of spirituality, this becomes a permanent state of mind connected with the experience of consciousness that would be blessed upon by the quantum effects. Scientists say that the Quantum Zeno effect appear through deep meditation and the repetitive practice of yoga as were described by Vedanta and also practicing Anapana and Vipassana as described in Buddhism. Thus, quantum science that underlines the consciousness and mind is said to be the science of liberation and the science of universal bliss and peace.

Thus, we can say that all the functions of the brain and the mind have been enlightened by the consciousness, which is omnipresent. This is the divine light that is outside the limits of quantum field. It is the supreme most principle that is superior to the science that will always remain outside of its definition and expression. The trios such as observer-observable-observation and view-viewer-vision have been getting enlightened by the source of consciousness. Thus, it is proved that the consciousness is aloof from all such trios but essential to enlighten them. As the consciousness enlightens everything in the universe, it is said to be the supreme most principle of God.

#### **Logical Understanding (5)**

In this way the consciousness in every living being is common, identical, equal to all of them. “Atman” as a source of consciousness helps to form the identity of all the sentient beings on the earth through their “Self”. Down the line the mind particles in their waveform possess their potential to manifest unanimously to appear in their physical forms of sentient beings. With the potential of the universal waveform to manifest, the universe has been spontaneously and unanimously manifesting itself in the space of probability. The quantum science thus proves that there is no discrimination, no segregation, no differentiation and no varied objects exist in the world even though they appear like that. All the quantons in the universe have been entangled with each other with the principle of non-locality proving the oneness and unanimous state of the universe.

Therefore, we say here that “Atman” as a source and the supreme most principle of consciousness and it is the only one undifferentiated unique and divine principle of the universe. It has been enlightening the two realities of the universe 1) the states of abstraction as a virtual reality in the form of mind-field and 2) the material manifestation (Objects/Matter) as an apparent reality as such. It is omniscient, omnipotent and omnipresent principle.

The spiritual characteristics of consciousness are as given below based on the description of Atman/God in Vedanta that exactly matches with its scientific perception:

1. Beyond all knowledge systems. (*Enlightens all knowledge systems to call as omniscience*)
2. Omnipresent, omnipotent, Omni-illuminating and omniscient.
3. Enlightens the seclusion from everything.
4. Beyond all time spans and beyond space-time. (*Enlightens Present, Past and future with equal intensity of their perception*)
5. The supreme source which enlightens all the senses, intellects and wisdoms.
6. This enlightens all the thoughts, feelings and pervasive.
7. This enlightens position and momentum of everything.
8. This enlightens the meaning of everything. (*For example, it enlightens the meaning of darkness and the glittering light of Sun with equal intensity*)
9. This enlightens characteristics of all objects, subjects, matter and forces and their interacting events in the world.
10. Enlightens all the behavioral characteristics, attributes, merits and demerits of all sentient beings.
11. The principle in which the experientialist and experiential dissolve into.
12. The entity in light of which all above characteristics and events are understood.

Thus, such an astonishing and miraculous sense of consciousness in the brain distinguishes itself from body, mind and rest of the universe. But as a combined effect of all of them; they are separately perceived by the conscious mind. The characteristic state of the quantum field as a mind-field becomes media of this supreme sense of consciousness. The Quantum science has been proving this supreme state with its postulates and theories that have been becoming the strongest “SEAT” of the ultimate reality of the universe. The spirituality flowing through the scriptures and preaches delivered by our great Saints has now acquiring a sound scientific base.

This supreme sense of “Being Conscious” is universal and unchangeable irrespective of caste, creed, colour, language, gender, age and any other objective or the subjective differences as such. This “Self” within us, can experience the meaning of Vedic doctrine as “Aham Brahmasmi i.e. I am God” through deep meditation. Therefore now with such a rationalized approach by logical understanding, we can conclude here that the source of supreme most sense of the consciousness “Atman” is said to be the supreme most principle of God.

## **The Principle of God within**

Various religions define such a divine principle with different names. But still it is unique and expresses oneness only. We will be delighted to understand that the “Seat” of the divinity of all the religions that is getting proved here on the confluence of quantum mechanics and spirituality. It is the supreme most principle of consciousness prevails in all sentient beings that underline the existence of God.

We learnt here that by virtue of the source of consciousness “Atman” all the attributes and characteristics, their presence in the mind, their acknowledgement in the mind and their representation through the mind is possible for all the living things. The quantum field of mind assumes the role of an observer and becomes responsible for the measurement, perturbation and responses to occur therein. However, the consciousness does not get affected due to this very functionality of the mind. As it is getting proved here that we are the source of consciousness – “Atman”, we cannot experience it separately. If we would logically sense the consciousness in every living thing, then we will realize that we are far away from all the tendencies related to all the attributes and characteristics, their presence in the mind, their acknowledgement in the mind and their presentation in mind. To come out of the delusive game of duality of apparent and virtual realities this is the golden way to see the Supreme source of Divinity or the consciousness or Atman in every living thing. Such a golden way has been laid by the saints of different religions that goes towards the supreme most principle of God - Atman.

We also understood easily that we as a source of consciousness are aloof from the body and the mind. We are not quarks and gluons just to witness the quantum field of the mind within. Mind acts as a medium of divine consciousness, but roves like it is the owner of consciousness. The supreme sense of “Being Conscious” is a representative of its source-“Atman”. As a source of consciousness, we shall have to decide whether we allow mind to use the consciousness as per its whims and fancies and let it get carried away by its Ego/Pride in the doom of Maya or to control it and dissolve it into the supreme source of consciousness “Atman”. There are many ways to dissolve the mind into the awareness of virgin consciousness, such as through Anapana, Vipassana, Dhyana, Devotion and Recital etc.

Unknowingly, we get carried away due to the various quantum effects in the mind-field and thus surge ourselves in the dialectical materialism or the Maya. We vividly and apparently have seen that every act of body and the mind is being carried out by virtue of consciousness. Hence now such a ladder of solid affirmations of the supreme reality will help us to transcend on the higher plane of consciousness. Such a shield of divine thoughts based on the scientific approval in the context of quantum mechanics will save us from sinking into the pool of all delusions. Quantum science is helping us to come out of the material entanglements and walk on the path of spiritual practices.

We comprehend that before observation/measurement or before expressing the intention of observation/measurement, the consciousness already exists there on the spot. Thus, now in light of such a divine consciousness, our mind will not now dare to mislead us. We can easily control the demerits of the mind without blaming ourselves. Our minds would get filled with love and respect to every living thing in the universe.



Now our mind will become pure and clean. Such an internal and external cleanliness and purity would help mind to dissolve its “Self” into it. Now the desires and tendencies would not be able to hold the “Self” as it would remain aloof from them. Therefore the potential of such desires and tendencies would vanish and they would not push the “Self” in the cycle of birth-life-death cycle.

Quantum science has been witnessing the source of consciousness “Atman”. We have reached to the destination which is now far beyond all the belief systems. Our mind will wake up in the universal awareness of oneness that the quantum science has proved it unambiguously. The consciousness is becoming the connecting media between the science and the spirituality.

The ambrosia of this ultimate truth and its knowledge system based on the quantum science has been found by churning on universal energy through the act of incarnation, the act of awareness, the act of responses, the act of improvements, the act of being dissolved into the self and the act of reincarnation since millions of the years. The quantum science has become a mirror of universal energy, which in the light of sun of consciousness has recognized its own eternal identity. It is amazing to know that the mind engaged in the materialistic acts of life, is now ready to come out of its own mesmerizing acts with the help of its own wisdom. It is an astounding thought that such a weird but unimaginable process of mind has been evolved by virtue of quantum science only.

Vedanta also guides mankind to liberate the “Self” from the material delusions before the body ceases to function. Lord Gautama Buddha also guided all mankind to dissolve the mind in its own field through the practice of Anapana and Vipassana. Here the quantum field of the mind dissolves in its own Quantum Zeno effect such divine practices leading towards liberation, bliss and peace. Now the quantum science is explicitly expressing our eternal existence, omnipotence and omnipresence of the supreme source of God through consciousness and perfectly coincides with the outcome of spiritual practices. Therefore, now we shall leave behind all the materialistic acts of superstition and delusions and let us ready to transcend on the higher plane of consciousness.

However, we need to keep in the mind that neither the highest state of energy nor the supreme most principle of consciousness-“Atman” would be able to describe their own supremacy as there would not be any observer to observe or measure such supremacy at all during deep meditation. Thus “God” is a term that can be described and witnessed on the logical ground. Its experience on the highest plane of consciousness is possible but cannot be described by anyone.

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