

## Beyond the horizon

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### ABSTRACT

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*The ultimate aim of my research is to find the actual process of evolving matter in 'DARK VACUUM' from 'NOTHING' (having no space as well) to construct and design this 'Wonderful Universe'. The research is divided in two articles; 'Beyond the Horizon' and 'The Ultimate Truth'. In the article 'Beyond the Horizon', I tried to draw attention of the renowned physicists and astronomers towards the consensus made by them (completely ignoring the facts and realities without understanding the real features of the three discovered huge objects white dwarf, neutron star and black hole and without knowing the actual process of their formations) that white dwarves, neutron stars and black holes are formed due to the gravitational collapse of the remnant cores of the dead stars after 'Supernovae' at the red giant stage according to the basic size of the stars; which mislead them and rest of the world also in solving the 'GREATEST MYSTERY' of the universe that how it evolved extremely slowly through its elementary stage from 'NOTHING' even having no space as well. White dwarf, neutron star and black hole are the key objects of our universe which are able to solve and have solved the 'Greatest Mystery' of evolution of the universe by knowing the actual process of their formation and the real role played by them. Infact the actual process of forming these objects is the process of evolving matter in the 'DARK VACUUM' from 'NOTHING'. Knowing the actual process of their formations the most expected and most desired 'Standard Model' would itself be established which would able to explain the cause of each and every event occurring in the universe without introducing quite imaginary physical quantities like dark matter and dark energy; and without introducing quite unnecessary theories to explain, anyhow, the cause of the events (like distortion of light and accelerated expansion of the galaxies) LOOKING MYSTERIOUS. The article 'Beyond the Horizon' is the way to step in the complementary article, 'The Ultimate Truth', which describes the actual process of forming black holes, neutron stars and white dwarves in the 'DARK VACUUM' which is the actual process of evolving matter, the life, in the dark vacuum from 'NOTHING', (having even no empty space); and therefore the process of forming the 'GALAXIES', and so the 'UNIVERSE'.*

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### I. INTRODUCTION

The paper explains the way to establish the perfect concept of evolution of the 'Universe'. There are number of concepts about the evolution of the universe. Most of them are religious and based upon the existence of God. The science community believes, on the basis of continuous inflation of the universe, that the universe is evolved with the occurrence of the Big- Bang of an infinitely dense particle which is based upon the 'Ever Present', unestimatable, mass/energy contained, in any unknown form, even in the dark vacuum long before the occurrence of the big-bang. The concept, therefore, seems to be similar to 'the existence of God' assumed to be ever present everywhere. So these renowned physicists are doing 'NOTHING' except they are trying to replace 'GOD', quite illogically, with the idea that the entire space remains ever filled with unknown kind of matter, energy and field; though accelerated expansion of galaxies totally condemns the big-bang concept of the universe. The paper explains that how some discovered mysterious objects and some mysterious events try to say everything about the evolution of the universe and it's afterward development in unlimited number of things; and are helpful to design the Standard Model, the unique theory to explain everything happening all around. Among unlimitedly large number of forms of the matter and things we feel lives in some limited kind of things because we have assumed and assigned some specific type of symptoms and values for the things to be alive; but it is impossible to decide, on proceeding gradually towards the previous stages of the things, at which stage the non living things would had turned into living things. In this way nothing can be assumed to be non living in the universe except "NOTHING", as anything lying in the universe has at least one or more characteristic properties influencing the other things less or more; so even a single quite poorly interacting ability of the things is sufficient to consider them alive.

### **Literature Survey--**

The required literature, for my research work, is studied by me in the 'Wikipedia' of the Big Bang, Black Hole, White Dwarf, Neutron star, Dark Matter, Dark Energy and galaxies; The Big Bang – NASA Science – Science @ NASA; What is a Black Hole – NASA; White Dwarves –Imagine The Universe – NASA; and some knowledge from 'Discovery Science Channel' also.

### **Research Elaboration**

The great physicists and so the science community believe that the Universe came into existence as the result of Big-Bang. No one logically stated about the object who suffered the big-bang and how only hydrogen, the building material of the stars, was evolved in that phenomena. I think this idea would have been developed in their minds, perhaps, after the discovery of the 'most mysterious' object recognized as Black-Hole believed having infinite density and gravity, keeping the fact in their minds that the universe is expanding continuously.

Science has discovered all type of smallest to largest features of the matter which are sufficient to explain complete feature of the universe. The molecules, atoms, hydrogen, neutron, proton, electron, interstellar dust and ever invisible mysterious particles to be discovered etc are smallest features of the matter while planets, stars, red dwarves, red giants, black dwarves, white dwarves, neutron stars and black holes are the largest features of the matter. Knowing all required features of the matter to understand the complete/real feature of the universe it is yet impossible, in many circumstances, to decide which feature represents the previous stage of the matter and which of them represents the next stage; so we have yet no way to reach any conclusion except we can only guess perfectly logically. Perhaps the great physicists, too, did the same to establish the present concept of the universe. In which manner they adjusted interstellar dust, hydrogen, stars, red giant, red dwarf, white dwarf, black dwarf, neutron star and black hole in the whole life cycle of stars/matter, the present concept of the universe could be the only result/way of that exercise which carried them far away from the truth.

This concept is based on the belief that the whole mass/energy contained in the universe (which can never be estimated) ever present even in 'NOTHINGNESS'; and that 'appearance and disappearance' of the universe is 'CYCLIC'. As the concept has neither any proper phenomenon nor any process of the appearance of the matter from 'NOTHINGNESS' and it's disappearance in 'NOTHINGNESS' nor any proper logic about their ever presence in the entire space, it can never be reliable in any sense and ultimately draws our attention towards the existence of "GOD" and takes us again to believe in God only; which, in my view, is merely a MYTH in HUMAN'S MIND. If, however the above known features of the matter would had been arranged in some different manner, the concept would be quite different.

Large Hadron Collider is the dream project of the great physicists and astronomers which is established basically to demonstrate the Big-Bang (in the laboratory level) in the black hole expected to be produced in L H C; about which they are yet very confident after being failed time and again. The higgs particles and field are believed to be produced in the big-bang expected to be occurred in L H C and are believed to give mass to some kinds of particles which are believed to be ever present in the mass less form in the entire space (as mankind believe in God) and after getting mass from higgs start playing their set roles in the universe; though no clear picture/concept of higgs is there in the minds of the great physicists and no any procedure that how it provides mass to those mass less particles and on which priority basis higgs provides mass to them. But they claim that they have experimentally got the desired higgs on March 14, 2013 which was decayed immediately. In which manner they announced their success in hurry creates doubt and raises question that 'have they really got such particle or are they telling lie and deceiving the world to hide their continuous failure'. If their claim about getting any new thing is genuine even then how can it be decided that it is able to produce mass and provide it to some mass less particles, believed to be ever present everywhere, while higgs itself requires mass and huge amount of energy to be produced. What is meant by mass-less state of elementary particles? Are all elementary particles distinguishable in their mass-less state? On which priority basis higgs provides mass to these mass-less elementary particles? As no, hypothetically required, big-bang is occurred in L H C, I doubt whether the observed thing is the same as theoretically designed by Peter Higgs and other renowned physicists and claimed to be the same by L H C community. If the obtained thing is claimed to be the same even then the physicists can never get any encouraging thing/result; as the obtained particle requires plenty amount of mass and huge amount of energy to come into existence; wherefrom the required huge amount of raw can be available in vacuum having no mass and almost zero energy density. Let, for instance, higgs exists everywhere in vacuum, as believed /expected by the physicists, then question arises that who produced higgs and wherefrom it had managed the required mass and huge amount of energy as raw to produce them in vacuum, in the very beginning, having no mass and no energy. Also the idea that 'higgs is ever present everywhere' is just nonsense,

because it is almost impossible to show the existence of (or to produce) even a single (so called) higgs particle with a lot of mass and huge amount of energy being used; then how can its existence be justified in 'NOTHINGNESS'. The scientists who are claiming the discovery of higgs are still not in position to ignore the existence of God. They still realize that God is 'ALMITY' because they are really unable to understand the actual or reliable process of evolving 'MATTER' from 'NOTHING' other than the 'concept of God' as they realize it to be impossible. It means there is something black in the bottom that is why they are unable to explain anything about the discovery of, so called, higgs that how it works except saying that 'it will have a wide scope in future just like other discoveries'. So neither theoretical nor experimental approach is reliable for the discovery of the desired thing which is still looking mysterious to the renowned physicists.

In my view this situation would had been created because of the false opinion of the physicists about the black holes that they possess infinite density and gravity. I think, before making such opinion about the black holes and establishing such a large and expansive L H C like project physicists should had to pay attention towards such nonexistent objects of density more than the density of neutron/proton and towards such non existing elements/nuclei containing even two or more protons with no neutron. I am surprised that how this idea of uniting / coalescing extremely large number of protons together was struck in their minds to get extremely compact, hypothetical/imaginary, particle of density and gravity tending to infinity against strongest electrostatic repulsive forces. As no object has density more than the density of proton/neutron and gravity more than the gravity of the neutron stars, then why and how do the black holes are believed to possess infinite density and gravity; perhaps due to merging of light in them which created a misunderstanding that the escape velocity from them is much more greater than the speed of light. Before we think over the cause of merger of light into the black holes, we should discuss about some characteristics of light, viz.

- (a). that, no change in the speed of light takes place due to its reflection at any surface of any object.
- (b). that, when light enters from one transparent medium to another, the speed as well as the direction of propagation of light get change abruptly with no lagging of time as well. Physicists have, yet, no any proper explanation for this behavior of light; perhaps, they have accepted the phenomena as universal truth.
- (c). that, no deviation of light and change in its speed takes place due to gravity in any gravitational field, even too close to the neutron stars.
- (d). that, if light could be influenced by the gravitational field, all the light rays in any parallel beam of light must converge till to become a single ray of light of very high intensity and that the beam of light converging at some point should not diverge again due to the gravity of photons.

So, merger of light into the black holes can never be seen as evidence that objects of infinite density and gravity do exist. It tells something else about the black holes. Let me start with the fact that stars are basically made of hydrogen; undoubtedly hydrogen would be there all over in the beginning before the stars would have been started forming in the space. The widely spread hydrogen atoms come close together under the mutual gravitational pull. When they come very close to one another, the pressure as well as temperature start increasing gradually and become very high at some stage making furnace of the "HELL" when nuclear fusion starts among hydrogen atoms to form nuclei/atoms of helium and then other elements of higher atomic and mass numbers and a tremendous amount of nuclear energy is produced. The large increase in the temperature due to this energy tries to expand the gases/plasma exerting an outward pressure while the nuclear fusion, causing a decrease in the moles, creates an inward pressure aiding the gravitational pull. Equilibrium is attained between these pressures which maintain the size of the stars almost stable. Due to high gravity of newly formed stars the surrounding huge amount of hydrogen in the form of heavy clouds starts falling into the stars; which is a kind of nebula. The fusion process continues in successively higher order nuclei/elements also and in the youth age of the stars nuclear fusion occur between all possible pairs of elements/nuclei of lowest to highest orders. At this stage as many radioactive elements/nuclei are also formed in very large scale; just like savings for our old age. After the end of the youth age the rate of nuclear fusion gradually falls down and almost stops at the later old age of the stars. At this stage the radioactive elements, the savings during the youth age of the stars, become active and nuclear fissions become the source of nuclear energy of the stars to make them alive more. Thus stars are the 'SECOND STAGE HELLS', among so many kinds of 'HELLS', where hydrogen is treated by itself to create and manufacture elements of gradually higher atomic and mass numbers of all possible kinds. The 'FIRST STAGE HELL' will be discussed later in the article 'THE ULTIMATE TRUTH' where 'HYDROGEN' is manufactured in extremely large extent under the similar condition. Hells are assumed, realized and always defamed by the mankind in a quite negative and extremely bad sense. Infact only the 'Hells' are the places where the raw is treated and refined for the advanced creations and the new generations of the 'NATURE' and

therefore are the 'NATURAL FACTORIES' of making "EVERYTHING". So to go to the "HELL" is a good sign which makes us refine, pure, modern and advance in the real sense.

The inward pressure, caused by the nuclear fusion, is now completely ceased and an outward pressure, due to the increase in the moles of the stars caused by the nuclear fission, starts acting aiding the outward pressure due to the thermal expansion of gases/plasma. As the result of two outward pressures against the only inward gravitational pressure, the size of the stars grows rapidly causing cooling effect; so the temperature of the stars falls down gradually. Continuous radiation of energy from the surface of the stars increases the rate of cooling of the stars. The rate of production of the nuclear energy falls down gradually and at one stage it becomes so less than the rate of radiation energy that the growth of the stars stops completely. At this stage the size of the stars become greatest and due to large fall in temperature, first, the surface of the stars starts appearing red. This stage of the stars is recognized as 'Red Giant'.

At the red giant stage the stars start dyeing and contracting. So with the passage of time the stars start freezing from the surface and with the large passage of time a very thick outer hard solid layer is formed, ceasing almost the conduction of energy from core to the surface of the stars that is produced by the nuclear fissions at the core of the stars as a result of which continuously produced nuclear energy in the core due to nuclear fissions increases the temperature in the core of the star continuously as a result of which the pressure in the core increases to such an extremely large extent that extremely hot plasma in the core starts agitating violently and a violent explosion known as nova, supernova or hyper nova, according to the basic size of the stars, takes place throwing not only very thick and hard outer solid layer bursting out extremely widely in the empty space but a large portion of extremely hot plasma contained in the core also leaving behind a remnant core. Because of high gravity of the remnant core of the stars a large portion of extremely hot thrown out plasma starts falling back quickly into the remnant core. This seen is recognized as a certain kind of nebula. Due to the explosion the thrown out fluid expands adiabatically as a result of which and due to continuous radiation of energy starting again from the surface of the remnant core of the star, the remaining star starts cooling rapidly and starts freezing again from the surface side forming a very thick hard solid layer in the same manner. In this way the phenomena of supernova may take place more than ones according to the basic size of the stars. Infect volcanoes, too, are supernovae of quite low intensities. The whole phenomenon is called death of the stars.

The small and big pieces of the outer hard thick solid layer and plasma of the dead stars, thrown out widely in the space become meteors, comets, asteroids, satellites and even planets of some live stars. The remnant core of the dead stars after suffering one or more supernovae become black dwarves through the red dwarves which contain extremely hot agitating plasma mixture of almost all heavy elements including much more radioactive materials in their cores producing a high magnetic field. Black dwarves may fall into other stars or may become planets of some stars or may be satellite of any planet in future. No life can evolve in the planets and satellites made of only outer solid spherical shell of the stars thrown out in the supernova as they have no proper magnetic field of their own. But in the planets or satellites made of the remnant cores of the dead stars or made from the thrown out material containing much more portion of plasma having sufficient amount of radioactive elements, the possibility of evolution and development of lives is most in future due to their proper and sufficient long lasting own magnetic fields provided they start orbiting in the safe gone round the live stars required for the evolution and development of lives. Definitely our earth, too, is a remnant core of any dead star where life is going on and has been evolved, perhaps, so many times and in so many ways also. It is believed that planets and satellites of a solar system are formed by the thrown out material of the star regulating the system. But which kind of elements are found in the planets and satellites of a solar system it seems impossible as the stars regulating the system are quite young and possess elements of quite lower atomic and mass numbers only. So planets and satellites of any solar system can never be the parts of the star governing the system. Definitely all the planets and satellites are made of the material of dead stars as I explained above.

The great physicists and astronomers and so the science community believe that after supernova at the red giant stage, the remnant core of the dead stars may end either in a black dwarf through a white dwarf or in a neutron star or in a black hole according to the basic size of the stars, due to the gravitational collapse of the remnant cores; among them black holes are believed to possess so extreme density and gravity that everything start merging in them. Ultimately they believe that when everything would be merged in them, they would start merging together to become a single object of density and gravity approaching to infinity which would ultimately go on shrinking in a point termed as singularity until a 'New' big bang would occur for the further evolution of the universe 'time and again'.



But it is beyond the imagination that how the entire matter of the universe, which can never be estimated, can exist anywhere at any time in infinitely compact particle form and how would it be, if, broken into hydrogen only, in the big bang, which is the building material of the stars and why not into billions of black holes, stars and so many other objects. Therefore pre-existence of the entire matter in infinitely compact particle form anywhere at any time is just nonsense. As I explained earlier, the stars die to give a large number of meteors, comets, asteroids, some satellites and planets also; the remnant core of all the dead stars end to become black dwarves only through the red dwarves after suffering one or more supernovae which may become planets of live stars in future. The great physicists adopted white dwarves, neutron stars and black holes as the dead bodies of different stars of different mass category as they believe that all the three are formed due to the gravitational collapse of the stars after supernova at the red giant stage. I could never understand HOW!! Clearly in my opinion none of them represent the dead stage of the stars. Then question arises that which stages of the matter/star they represent in the life cycle of the stars and how they are formed in the empty space.

I do feel when the great physicists would have become unable to give proper places to white dwarves, neutron stars and black holes in the life cycle of the matter/star they probably decided to make a consensus to adopt them all to adjust for representing dead stages of the stars and for this purpose they, perhaps, decided to divide the stars into three categories of masses QUITE IMPROPERLY. This 'IMPROPER JOB' of the physicists, of dividing the stars into three categories just to adjust the three discovered 'Mysterious Key Objects', anyhow, in the life cycle of the matter/star when they failed to adjust them otherwise, MISLEAD them and 'REST OF THE WORLD' also in solving 'the great mystery' that how the matter would had evolved first from 'NOTHING', even having no space as well, and have been continuously evolving in the empty space from NOTHING with gradually increasing rate to construct always a 'NEW UNIVERSE', inside and outside the present universe. The right places of white dwarf, neutron star and black hole in the life cycle of the matter/star can only be found after knowing the complete process of their formation and the real job done by them and not by just guessing.

The concept of ever present matter in the universe in infinitely compact particle form anywhere at any time is seemed to be quite illogical. Another concept of ever present matter in the universe, may be that it would had been homogeneously distributed everywhere in the entire space in so rarest form that as it would have been nowhere. As hydrogen is the building material of the stars and it is the lightest form of the matter also, hydrogen could be homogeneously distributed in the entire space in the above manner. But as believed by the physicists, the stars end in either of the three mysterious objects and finally they all merge in black holes which will go on shrinking gradually after merging together to become a single particle of infinite density and gravity and ultimately will completely be collapsed/annihilated in future ; so there will be a complete collapse of the entire matter of the universe and the universe will remain no more; the entire space will become quite empty having no matter, no energy and even no field too. In this way the concept of ever present matter/energy in the universe in any form creates a great controversy and seems to be quite illogical in every sense and the belief that black holes possess infinite density and gravity is merely a MITH; their nature must be quite different. So we have the only concept of 'NOTHINGNESS', in the VERY BEGINNING, even having no space as well. Undoubtedly, hydrogen would be there in the space before the birth of the stars; then wherefrom hydrogen was evolved in such extremely large scale and what is the mystery of black hole, neutron star and white dwarf!! Is there any relation between them?

To answer these questions we have to pay our attention towards the theoretical and experimental approaches/attempts of the physicists to understand the missing aspect of the universe by discovering the mysterious key particles that may help us to explain each and every phenomenon occurring in the universe, quite logically. As the basic concept, in the minds of the physicists, about the evolution of the universe as well as the opinion about the black hole, neutron star, white dwarf and ever invisible mysterious key particles are quite faulty as all are based on the belief that entire mass/energy of the universe is ever present in any form even in the 'NOTHINGNESS', no 'Standard Model' can ever be designed by the physicists on the basis of the present concept. My opinion about the features of white dwarf, black hole and ever invisible mysterious key particles and so the concept of evolution of the universe is quite different that helped me to understand the missing aspect and so the clear picture of the universe. The three mysterious key objects white dwarf, neutron star and black hole are trying to say everything, even about the missing aspect of the universe as well as about ever invisible mysterious key particle who has been playing the greatest role in constructing and designing the universe since very beginning when the universe would had been started forming elementarily and infinitely slowly from 'NOTHING' but unfortunately physicists have made a false opinion about them that they all are

formed due to the gravitational collapse of the stars after supernova; that is why physicists are unable to reach 'the ultimate truth' and could not solve the 'GREATEST MYSTERY'.

As I stated earlier, the concept of the universe will become quite different merely by changing the arrangement of some discovered known features of the matter in the whole life cycle of the matter/star but the only concept can be reliable which will have no illogical aspect. The proper and perfect place can never be given to any discovered huge object in the life cycle of the matter/ star without knowing the actual process of its' formation. Though a number of elementary particles have been discovered so far and some other are expected to be discovered but most of them are quite unstable. So those unstable particles can never be the building blocks of the universe which are produced in certain occasions and in various hard and tough conditions in the phenomenon taken place too long later, during the development of the universe, from the event when the universe would had been started evolving elementarily in the dark vacuum in the form of one or two kinds of stable elementary particles, creating corresponding space, from NOTHING. So the only stable elementary particles can be the fundamental elementary particles and can be the building blocks of the universe. The discovery of quite unstable elementary particles may be useful in some researches, inventions and in some applications and developments also as catalysts but they can never help us to solve or even to understand the GREAT MYSTERY of 'Evolution of the Universe'.

The renowned physicists and astronomers working on B I C E P 2 are so happy and celebrating after finding the signature of the primordial B-mode polarization of the C M B radiation on March 17, 2014 which is seemed as direct evidence for 'Cosmic Inflation'. By detecting it what they are trying to justify and want to prove; as the inflation process has already been proved otherwise in the past. Only the confirmation of the 'Cosmic Inflation' by another way is not sufficient to prove the presumed cause of INFLATION. The observed signature of the residual heat may be of any supernova/hyper nova or may be of the explosion of any neutron star or of any white dwarf happened long ago. It will be explained in the next article 'The Ultimate Truth' related to this research that how violent the explosions of the neutron stars or white dwarves are. Infact the obtained signature is the residual heat of the extremely violent explosion of any 'Neutron Star / White Dwarf' happened long-long ago long after which a huge lot of millions or may be billions of stars came (comes) into existence known as "GALAXY". If the physicists and astronomers, working on the project, are trying to justify presumed 'Big Bang Theory' by proving the reality of 'Cosmic Inflation', then they must remember that the INFLATION has already been proved 'ACCELERATED' in the year 1998; which is sufficient to rule out the 'BIG BANG' concept. So, it actually needs to find the real or, at least, logic reason of this inflation rather than justifying, anyhow, the 'Big Bang Theory' which presumes 'ALL NONSENSE'. The matter would had been started evolving elementarily in the very beginning with extremely slow rate from 'NOTHING' that went on evolving with gradually increasing rate and presently is going on evolving at the largest rate than in the past and also will go on producing gradually with more and more rate in future instead of the entire matter of the universe evolved abruptly. The former has a logic process and reliable explanation but the later presumes 'ALL NONSENSE'. Continuous evolution of the matter at extremely large rate is already observed, in the elementary form, at the center of the galaxies which proves the reliability of the former theory and the proper explanation of the accelerated expansion of the galaxies and so of the entire universe.

It's my pleasure that I have discovered the 'Natural Phenomena' of producing matter continuously in vacuum inside and outside the galaxies with gradually increasing rate from 'NOTHING', having even no empty space as well in the very beginning, by just rearranging 'White Dwarf, Neutron Star and Black Hole' quite properly and perfectly in the life cycle of the matter/star after knowing the complete and actual process of their formations, which is the only cause of the 'ACCELERATED EXPANSION' of the galaxies and so of the universe. The theory explains the cause why the cores of the galaxies are producing matter at the greatest rate in the form of interstellar dust clouds, a little bit of which turning into hydrogen, which will go on producing gradually more and more in the future. The theory also explains why and how photons become able to travel in vacuum suddenly with such a great speed after being just emitted from the exited atoms and that why they start moving much faster abruptly without being accelerated when enter from denser to rarer transparent medium. It also explains the phenomena how the produced energy changes into matter again. The physicists have now introduced a 'New Idea' of 'Dark Energy', a quite 'Imaginary Physical Quantity', to explain the cause of the accelerated expansion of the galaxies and so of the universe. They argue that the, so called, dark energy exerts an outward force pushing out the things away from one another dominating over the gravitational pull. But

before introducing such idea they never thought that how then will they explain the formation of stars from hydrogen as hydrogen atoms, too, should had to go farther away from one another with continuously increasing rate due to the same effect believed to be produced by the, so called, dark energy after the, so called, 'Big Bang' along with its more and more expanding tendency in vacuum ; continuously diluting the entire space with matter up to that extent till now that it would almost be impossible to find out even a single atom anywhere in the space by the other at the present age and the entire space would look 'QUITE EMPTY'. So fitting the 'BASELESS IDEA' of 'Dark Energy' just to explain, anyhow, the cause of the accelerated expansion of the galaxies is another senseless job done by the physicists to justify their baseless and senseless concept of 'big bang', about the evolution of the universe/multi verse, of such 'a hypothetical particle of infinite density and gravity' who is believed to contain the entire, unestimatable, mass of the universe or even multi verse. The complete process of 'The Natural Phenomena' producing matter with gradually increasing rate in vacuum from NOTHING and the actual process of forming black holes, neutron stars, white dwarves and galaxies will be discussed later in the complementary article 'THE ULTIMATE TRUTH' related to my 'ACTUAL RESEARCH'.

### **Result and Discussion**

The result of the research is the establishment of the most expected and desired 'Standard Model', a perfect unique but simple theory/equation that may explain the cause of everything happening all around. Construction and designing the 'WORM HOLES', the galactic and intergalactic short routes, is the future scope of my research. But this article is the way to step in the complementary article 'The Ultimate Truth'.

### **Conclusion**

The paper describes that the 'Standard Model' can never be designed by introducing 'QUITE IMAGINARY' physical quantities and 'Unnecessary Theories' to explain, anyhow, the causes of the 'Events' and 'Phenomenon' looking 'MYSTERIOUS'. Beyond the Horizon is the way to advance to the complementary article 'The Ultimate Truth' which explains the complete process of the 'Natural Phenomena' of producing matter in vacuum from 'NOTHING' and therefore establishes the most expected and desired 'Standard Model'.

### **REFERENCES**

- [1]. 'Wikipedia' of number of discovered things, described in my article; The Big Bang Theory, concept of Black Holes, Neutron Stars, White Dwarves and galaxies recognized by 'NASA'; and the 'Discovery Science Channel' are the 'Survey Sites' of my research.