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## WORLD WIDE JOURNAL OF MULTIDISCIPLINARY RESEARCH AND DEVELOPMENT

# Theory about having centre of universe and its rotational movement along with expansion

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### **Abstract**

Many interesting philosophies are under constant debate related to the theoretical views of the universe since past 20<sup>th</sup> century. Many such philosophies do not have confirm facts to prove the universes origin to existence and how or when it will end. Meanwhile, some of the theories have been proved wrong with current scientific evidence and theory models. Therefore, we can suggest that if previous scientific perceptions can be proved wrong then it is quite possible that in future, we might have some newer information that can be in disagreements with the current theories and perceptions. The current work is about presenting a theory or hypothesis about rotational movement of the universe and having a centre.

**Keywords:** Universe, Centre, Theory, Quran, Rotational movement

### **Introduction**

#### **1. Unproved Theories**

In astrophysics there are many theories that are experimentally untested and unproven. However, there is general consensus among scientific community regarding these. Since 19<sup>th</sup> century, scientists and physicists are trying to unify the theories associated with the origin of the universe and its endpoint (1). Age of the universe is one theory that is unproven, which states that total time elapsed since after the Big Bang which is around 13.8 billion years (2). Existence of parallel universe is another theory that is currently highly debatable topic among scientists and physicists (1). Stephen Hawking proposed different levels of parallel universes as “universe in nutshell” (3). Time travel, another theory that is still unproven states that we can travel forward or backward under a constraint space time and this can be achieved in dream i.e. dream will be the major path for this travelling (4-6).

#### **2. Superseded Theories**

Apart from theories yet to be proven but are acceptable among scientific community, there are some theories or ideas related to universe and our solar system that has been superseded. Some of those theories or ideas were presented in early ages when human race was starting to learn about earth and solar system. Flat shape of the earth and rotation of sun were the early human perception. Einstein proposed a model of static universe in 1917. Edwin Hubble's explained through red shift that universe is constantly expanding (7). In addition, physicists were in agreement that nothing can escape from black hole even light. However, Stephen Hawking proved that not everything falls into the black hole. Stephen Hawking discovered radiation escaping from the black hole in 1970, later this radiation was named Hawking radiation (8). Hawking radiation was one of the most famous works by Dr. Hawking which denied decades long human perception about black hole. Most recently, new set of distance measurements collected through radio telescopes provided the evidence that suggest that physicist need to revise the model regarding fundamental nature of the universe. Newer measurements has shown that revision of calculation of Hubble constant and the expansion rate of universe is required (9).

### 3. Quranic and Scientific Evidences

If we talk about atom, our solar system or even about galaxies, all have same rotational movement and possess a center. However, when it comes to whole universe the science says it is just expanding, it neither has any center nor having any rotational movement (10). The Holy Quran is not only known as a Holy book but a complete code of life and contains many scientific signs related to astronomy and cosmology (11). There are numerous cosmological facts in Quran which includes; birth of the universe (The Quran Al Anbiya, 21.30), expansion of universe (The Quran Adh-Dhaariyaat51.47), creation of cosmos in six days (The Quran Al-A'raf 7.54), big crunch (The Quran Yunus 10.4) etc. All these facts about astronomy and cosmology were revealed by the Holy Quran to humanity for more than 1400 years back. However, human race was able to prove these facts through science only couple of hundred years back. There are some verses of Holy Quran which talk about orbital movement of the objects as well (The Quran Al Anbiya 21.33, The Quran Yaseen 36.40). These verses may hint about rotational movement of universe.

Brian Koberlein's work titled "Study of 200,000 Galaxies Reveals the Entire Universe Might Have Been Spinning in One Direction Early On" was recently published in a conference proceeding. This work supports the idea of rotational movement of the universe around an axis. However, conclusions cannot be drawn yet as the work has not been peer-reviewed (12). Contrary to this belief, the general idea is that our universe is homogenous and isotropic which means average matter should be evenly spread out and total momentum should be about zero.

### Conclusion

If the universe was started from somewhere and it can be ended from where it was started (big crunch) then how come center does not exist. Secondly, studies about the beginning of galaxies say that first it was just a black hole (means center) then stars and planets started forming. But after their formation black holes remained there. Hence, existence of center never disappeared after the formation of galaxies. In the same way if it was only singularity in the beginning and it is possible that everything will collapse into the singularity again. Then question about having center of universe can't be raised. Furthermore, if center exists then it also supports the rotational movement of the universe.

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