

Experimental Verification of Dark Matter And Dark Energy

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ABSTRACT

The origin of DARK MATTER and DARK ENERGY in the universe experimentally verified. From which data estimated what happened about DARK MATTER and DARK ENERGY further in the universe. These results support the steady-state pulsating theory of the universe.

INTRODUCTION

From astronomical observations (1) scientists noticed that universe consists of ordinary matter that is baryonic 4.9%, Dark Matter 26.8%, and Dark Energy 63.3% (2)(3)(4)(5). The mass of galactic objects is greater than the observed mass (6). Most of the Dark Matter is present in our Milky-Way galaxy.

IN THE PRESENT STUDY

The experimental set up to estimate dark matter and dark energy by using COMMON BALANCE is already described in (7). Here also the same procedure is used, at first sound generator (cell phone songs) is in ON position continuous sound-producing in the sound generator is placed in COMMON BALANCE and doors are closed. The experimental readings are taken for different timings. After completion of the sound in the sound generator then also the experiment is continued, in the OFF position also again readings are taken. After completion of the total experiment (ON+OFF position), only the doors of common balance are open and the sound generator is taken from the common balance. The experiment is repeated so many times, so many days and readings are tabulated. While experimenting the following precautions are taken

- 1 The doors of common balance are completely closed.
- 2 The sound generator placed in a box is tightly fixed.
- 3 Should not disturb the common balance.
- 4 In both the ON position and OFF position of the sound generator the doors of common balance cannot open.
- 5 The readings are taken with the utmost care.

The readings are tabulated in two different ways.

- a) The sound generator continuously producing sound, that is “ON position” average of average resting point reading is taken against time and tabulated in Table-1.

After the sound generator is off (cell phone charge is over) experiment is continued in common balance in “OFF position” the reading of the average resting point is taken against time and tabulated in Table-2.
EXPLANATION OF TABLE-1

Readings of Table-1 indicate that as time passes an average resting point is continuously decreases. Further increase in time the pointer moves further left, there are no divisions on the common balance, so there is no chance to take readings. The pointer moves towards the left explains that time increases while the sound generator is in the ON position there is a loss of mass on the left panel.

TABLE-1

ON position of sound generator

S.No.	Starting time	Average of Average Resting Points	Ending Time	Average of Average Resting Points
1	12.00pm	11.5	12.44pm	1
2	1.50pm	10.5	3.50pm	1.5
3	10.51am	9	3.45pm	5
4	12.00pm	10	3.50pm	5
5	11.26am	10	3.30pm	6
6	10.26am	12	1.30pm	7
7	10.14am	9	1.10pm	4
8	10.19am	11.5	1.45pm	5.5
9	10.10am	10.5	1.30pm	4.5
10	10.15am	8	1.20pm	2.5



The readings are continuing after the sound generator in the OFF position means the cell phone charge is over, the cell phone is automatically switched off. In the OFF position also the readings are continued and given in Table-2. After completion of the total experiment, only a cell phone is taken from the Common Balance.

TABLE-2
OFF position of sound generator

S.No.	Starting Time	Average of Average Resting Points	Ending Time	Average of Average Resting Points
1	2.20pm	6.5	3.20pm	8.5
2	2.30pm	6	3.15pm	8.5
3	1.30pm	4.5	3.05pm	7

EXPLANATION OF TABLE-2

From Table-2 notice that the sound generator in OFF position as time increases the pointer moves towards the right side of the common balance. This indicates that as time increases the loss of mass is again increases. This explains that the disappeared mass in the sound generator ON position has again appeared.

COMBINED EXPLANATION OF TABLE-1 AND TABLE-2

Table-1 and Table-2 readings are combined and explained as follows. Table-1 readings conclude that by increasing time the pointer moves towards left means in ON position the mass of the sound generator (cell phone in a box) continuously decreases indicates that mass disappears. The process is continued the mass decreases continuously until the sound generator is OFF. After some time (few hours) cell charge is over, the cell phone is switched off (OFF position), in this condition also again readings are taken. From those readings of Table-2 notice that time increases the pointer moves towards right means disappeared mass again appears. The experiment repeated so many times the same result is noticed.

CLOUD THEORY TO FORM BIG-BANG

In this universe at first, only energy is present. Under suitable conditions, the energy combines to form the first primitive cell i.e., God Cell. This cell behaves as a center i.e, nucleus, energy becomes mass and added to this cell and continued this process. At that time, only attractive forces are present, so the process of addition of adding cells is continued, energy becomes mass. Like that mass concentrated in Geometrical Progression is continued and continued, so many crores of years are pass away. The concentrated mass reaches a certain limit, in this condition, intermolecular forces are dominated, the density of massive substance becomes very high. Then also energy becomes mass is added and added to this concentrated mass. The amount of mass reaches a steady state, then also some mass cells are trying to combine to this huge heavily denser mass, means energy and concentration of this mass increases abruptly, intermolecular forces dominated in a small space, then further adding of mass in this state is difficult. Suddenly a huge explosion takes place, that is known as BIG- BANG explosion. Just like water drops falling from the cloud after sufficient nucleation and concentration of water, Big-Bang mass becomes pieces and pieces then different Galaxies, stars, planets, etc. are formed. This explosion till continued indicates that the universe is expanding and moves with some velocity.

At first means at the time of concentration of mass, there is no space between god cell to god cell. After Big-Bang expansion, opposite charges are created due to rubbing of neutral particles, then atoms are formed due to force of attraction of opposite particles. Inter atomic and molecular distances are created From which atomic and molecular bonds are produced. As this universe expansion continued, some space is created between interatomic particles, i.e., between electron, proton, and neutron, etc. particles. If we remove all these distances the total size of the universe is equal to the size of the Big-Bang before the explosion.

INTERPRETATION OF EXPERIMENTAL RESULT TO THE UNIVERSE

At the time of BIG-BANG a very huge explosion that starts universe formation, an enormous amount of sound and energy is formed. This is the starting point ON position of our experiment. Time

passes means increases, then mass decreases slowly and slowly become dark matter and energy becomes dark energy. The process can be continued, like this so many crores of years pass away. The matter disappears from the universe and is called dark matter and energy as dark energy. This process continued till a steady saturation condition is reached, then the total mass of the universe becomes dark matter and energy becomes dark energy. The expansion of the universe is stopped because it reaches a steady-state condition further expansion cannot take place. Then a contraction of the universe starts and continued so many crores of years. In contraction just like the OFF position of the experiment the disappeared mass again appears and increases in the same fashion. The dark matter becomes matter and dark energy becomes energy, is observed at that time. The contraction continued and continued till it reaches a minimum saturated value. At that time the total mass and energy of the universe appear, there is no dark matter and dark energy at that state. Further contraction cannot take place, at that time matter effect from gravitation, magnetic field, etc. and these parameters act as dominated in the role. So further contraction cannot take place because of these effects. These effects increase and increase and become maximum, again explosion means Big-Bang explosion takes place. The universe starts expanding just like Table-1 and Table-2 results. For the universe, this expansion and contraction are equal to one step. Like this expansion and contraction is continued, this result supports STEADY STATE PULSATING THEORY for the formation of the universe.

The FIRST WORD CREATED IN THIS UNIVERSE

At the time of the Big-Bang explosion sound is created first then followed by light. The explosion starts from a small mass becomes pieces move with high velocity at first and then the velocity of the universe decreases slowly and slowly, finally stops expansion further contraction starts. These things are summarized to form a sound called AUM. Therefore AUM is the first sound created in this universe. It occupies or is produced in the entire universe continuously.

CONCLUSION

Table-1 and Table-2 conclude that the universe now in an expanding state this is similar to Table-1. The expansion of the universe is continued and reaches a steady state. Further expansion cannot take place because the inter forces of the universe, stop the expansion. After a steady-state, the universe starts contraction like Table-2 continued contraction up to so many crores of the years. The inter attractive forces of the universe can stop the further contraction. At that time the attractive forces are dominated and because of these huge forces contraction stops and these forces become more and more again Big- Bang explosion starts, which means the result of Table-1 and Table-2 supports STEADY STATE PULSATING THEORY of the universe formation.

The formation of the universe explanation is given in The Great Hindu Puranam Mahabharatham. In this book, the great scientist Sri Krishnudu says that all the things created from me, if the universe contracts mean combined (in Sanskrit they using the word LAYAM) then all these things are added to myself. Here myself indicates not a person, it is a god cell.

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