

# **OUR UNIVERSE EXISTS DUE TO BE IN A PAIR OF TWO OPPOSITE PHASES TO MAINTAIN AN EQUILIBRIUM IN BETWEEN**

**DIBYAJYOTI DUTTA**

*BE(Civil) Jadavpur University, Kolkata, Engineering Deptt. (Civil), Indian Railways, Maligaon, Assam*

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In this topic we are going to explain that why this thought is relevant that, “ Our Universe is in existence due to be in a pair of two opposite but complementary phases where in that opposite universe every natural rule which is responsible to maintain our visible real universe bound to be working in opposite manner to maintain an equilibrium between their pair in terms of time, matter, energy even if space.”

## **INTRODUCTION**

**A**s per modern astrophysics it is now a day’s well known fact that our universe is not stagnant but it’s expanding from its beginning which starts after big-bang and each galaxies contains a black hole in its centre which have infinite gravitational field. But now the question is how much our universe will expand and when it will stop expanding which will be followed by big-crunch. Another question is black holes also attract all matters into it, even if time also stops flowing inside these black holes. Then where do the matters go and what about the time. In this topic we are going to discuss those possible reasons to answer such kind of questions and will also explain multi dimensional concept which now a day’s very much required to explain our universe according to modern astrophysics.

## **DISCUSSION**

**I**t is well known from classical theory of Sir Issac Newton that,

$$S = ut + \frac{1}{2}ft^2$$

where,  $S$ = Distance passed by a moving object during a time interval ‘ $t$ ’ and with an initial velocity ‘ $u$ ’ with a constant acceleration ‘ $f$ ’

$$\text{If we assume, } u = 0, S = 1/2 ft^2 \text{ or } t = \pm \sqrt{\frac{2s}{f}}$$

which introduce a thought of negative time *i.e.* which flows in past beside by positive time which flows in future.

This means time flows in future and past in both directions. In our visible universe time flows in future and its flows is affected by speed /velocity and mass according to theory of relativity. But it never flows in past in our real universe. This means there must be an opposite but complementary universe which exists in pair of our real universe where time flows in past and it is due to make equilibrium between these two.

There are so many galaxies in our universe and each consists of a black hole in the centre. Due to infinite gravity of these black holes they attract all matter in to it and time also stop flowing inside these black holes due to excessive gravity lights could not come out from these black holes.

But where these matters, lights and time go? These black holes are also in a pair with white holes. In white holes gravity is nil or  $1/g$  is infinity. All matters which are fallen in to black holes comes out from white holes after being converted into antimatter or negative matter into that opposite imaginary universe where time flows in past. And lights which are absorbed by black holes also come out through white holes into the opposite universe. Time that stops in black holes also starts to flow in past beyond that white hole into the opposite but complementary imaginary universe. And all these are happened to maintain a equilibrium between these pair of universe.

In that opposite universe galaxies are made of white holes at centre alike that of ours which are made of black holes at centre.

After 'big bang' space is expanding in our universe and galaxies are running away from each other. On the other hand in that opposite pair of universe space is crunching which starts after 'big crunch' and galaxies are running close to each other. This happened to maintain the equilibrium of space between these pair of opposite but complementary universe. It is also to maintain the reduction in space that started after 'big crunch' of that opposite universe that was occurred at same time of 'big bang' in our universe.

As space is crunching in that opposite universe one time will come when space will be nil in that universe and all antimatter or negative matter of that universe will be confined into a single point and at the same time our visible universe will also expands as much as possible and its all matters will be fallen into black holes and then the crucial time will come when in that opposite universe 'big bang' will occur due to confined negative matters into a single point which repeal each other and at the same time 'big crunch' will start in our visible

universe after conversion of black holes into white holes or after changing the polarity of black hole-white hole pair. This ‘big bang’ also converts those negative matter into positive matter and the same procedure repeats itself in a continuous on going manner between these pair of opposite but complementary universes.

As everything has an opposite thing to complement or neutralize or to make equilibrium in our visible and understandable world. Same short of thinking may also be true for our universe where there is a pair of universe in existence which are opposite but complementary in nature but are essential to make equilibrium of energy, matter, time and space between two of them.

This kind of pair universe may exist in million numbers which may form a ocean of multiverse and that ocean is also exist or retain in an another reference frame. Thus when it required assuming 10 or 11 dimensions to work out according to this model as mentioned above may be as described as follows:

**In our visible real universe there are four dimensions:** Real  $x$ ,  $y$ ,  $z$  and (+ve) time. On the other hand in that opposite universe another four dimensions also exists: Imaginary  $x$ ,  $y$ ,  $z$  and (-ve) Time. Thus we got 8 dimensions which are:

$x/ix$ ,  $y/iy$ ,  $z/iz$  and (+ve)/(-ve) Time. Now, that ocean of multiverse is also a dimension which is 9<sup>th</sup> dimension and that reference frame which contains that ocean is 10<sup>th</sup> dimension. Now, if 11<sup>th</sup> dimension is required to imagine then intra-universal space into that Multi-versalocean may be assumed as another extra dimension.

Again that reference frame which contains that multi-versal may be a planet where such kind of oceans, lands and many other stars, galaxies exists which forms their universe. Now, this kind of thinking must generate a question of multi-dimensional existence which has no end. As we assume a point (.) as Zero (0) dimension and can’t measure any dimension which may exist underneath that point as a form of smaller space than ‘plank length’, similarly we can’t imagine how much more dimensions may exist beyond that 10<sup>th</sup> or 11<sup>th</sup> dimension. This short of thinking may also generate a question that our universe and atoms are same short of things but just differ in size only to a large scale and our existence is in a space-time frame of domains between  $10^{-\infty}$  to  $10^{+\infty}$ .

## **CONCLUSION :**

**A**ll these aforesaid discussions are the conclusion of my Topic which makes you have to think once again about our existence.

**R**EFERENCES

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