Shape of Our Universe

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Abstract - This work is basically about the shape of our universe. It has always been questioned that what is the shape of our universe. There are different theories related to this question but none is satisfactory. Possibly our universe is ring shaped with non-uniform thickness and this configuration explains various important phenomenon’s like big bang, expansion, big crunch etc. Using this configuration we can solve mysteries of our universe and we can get answers to some questions.

Index Terms- Big bang, big crunch, expansion, configuration, universe, ring shaped.

I. INTRODUCTION

The word universe is a big mystery for the scientists. Our scientists are still continuously researching on our universe. As the time is passing slowly – slowly we are exploring it.

Our research on universe was started from very early civilization. But some have contributed more to it like sir Galileo Galilee, Isaac Newton, Albert Einstein, Stephen Hawking’s and many more. Their work is tremendous in field of physics. They have solved some great mysteries of our universe like newton’s gravity, Einstein general theory of relativity. There are so many questions today also whose answers we are unable to find. One of the most curious, difficult and interesting question about our universe is that “what is the shape of our universe”?

This is a difficult one and there are so many reasons for it:

- We live in a three dimensional world and we can assume, observe or feel 3 dimensional objects or 3 dimensional quantities only. Possibly our universe is having some higher dimensions in which our universe is holded. And we are sensitive to only 3 dimensions.
- Physically we are not able to travel much distance in our universe. We have travelled only 12 billion km distance from our earth which mean that we are not able only to get out of our solar system. And our universe is possibly 10^26 times larger than our solar system (observable universe). It will take thousandth of billion light years to travel this distance and till then we may not alive.
- Till date we have not yet become an intelligent life. There are some energies we are not able to detect which govern our universe.
- Our strongest telescope in space which is Hubble telescope is not able to see and capture farther than 14 billion light years from us. James web telescope will be a good alternative of Hubble telescope and can solve many mysteries of our universe.

But these limitations cannot restrict our brain to think and imagine about our universe.

There are many theories which are result of imagination and thought experiments. Like general theory of relativity was a result of imagination and thought experiments of Albert Einstein. We can accept a theory if it explains certain phenomenon and observations. Because there are some mysteries which cannot be practically verified. But are correct because we have some limitations in our universe. So, sometime we have to come up with a theoretical concept.

Same is with this theory. It cannot be practically verified in present date but it explains certain phenomenon’s and can give answer to this question that…

“what is the shape of our universe”? 

II. RESEARCH WORK

According to many scientists our universe is a bubble shaped or spherical shaped. Recently, Stephen Hawking’s said that there are thousands of universe and they are bubble shaped. But actually spherical shape of our universe does not explain every phenomenon like big bang, big crunch, expanding of our universe, motion of our galaxies and the recreation of universe.

So, in my point of view, our universe is not spherical but ring shaped with a non-uniform thickness as show below:
This configuration is a result of my imagination and my imagination is based on certain phenomenon’s of our modern science as well as Hindu Vedic physics which was written thousands of years ago. I have concluded this configuration by merging both modern physics and Vedic physics. I appreciate both of them for their work.

Now, I will prove this configuration by certain phenomenon’s:

- **BIG BANG**: According to our scientists, our universe began with a blast from a point of singularity where all matter was concentrated. Suddenly, a blast happened and our universe was created with a bulk of energy and gases with some dust matter. So, our universe geometry be something like that it must have a point which should have very small cross-sectional area nearly about an small ball where all matter was concentrated at a particular point. And this configuration has that point with a very small cross section area.

- **EXPANDING UNIVERSE**: Our astronomers in 90’s observed that our universe is expanding by studying the distances between two galaxies. It was observed that the galaxies are moving far apart from each other. So, our universe must have a geometry like this which enables the matter to move apart from one another. And this configuration has that stage. It's area increase continuously from point of singularity.

- **TEMPERATURE**: Scientists say that at the time of beginning of our universe or we can say at the time of big bang, there was a lot temperature in trillion and trillion degrees because a lot of energy, matter and gases were concentrated at a small point but as the universe was and is expanding, the temperature began to cool down and it's very cold in outer space today. This is possible only when cross section area increases. And this configuration shows that the area is increasing after blast.

- **BIG CRUNCH**: Many scientists including many reputed scientists believe that after billions and trillions of years, our universe will again start contracting and collapsing and will again result in a point of singularity. This is possible only when cross section area stars decreasing after a certain period of expansion, and this configuration include that part.

- **VEDIC THEORY OF RECREATION**: According to our Hindu Vedas, a universe is created and destroyed and then same universe is again created by an energy named as Brahma. That universe consist of same energy and matter as previously destroyed universe consist. Again same incidents take place as taken in previously destroyed universe. From this we can conclude that boundary of our universe remain same which is made of higher dimension, only matter and time explodes, expands and gain contract and again explodes in the form.
of big bang. Time is same at every point in the universe and is situated in the form of frames. It is a just a process of recycling of matter and energy again and again. It means that boundary of our universe is made of higher dimension only matter and energy rotates inside. And the universe destroyed is recreated in the same media.

III. CONCLUSION

At last we can conclude that the possible shape of our universe is not like bubble or spherical but a ring shaped like structure which has a non uniform thickness which is narrower at one end and thicker at the other. It is like a close loop in which in which certain phenomenon's occur like big bang, big crunch, explanation and contractor again and again. When a universe is crunched up, a new universe is formed from the same matter and energy of the previous crunched up universe. It means that formation and crunching of universe is a continuous process.

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REFERENCES


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