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### **Did Any Body Feels, The Gravitational Force?**

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#### **ABSTRACT**

Gravity, or gravitation, is a phenomenon by which all things with mass are brought towards one another. Gravitational Force is one of the non-contact force, and which may be the assumption force, and it may be developed for success of atheists (or) anti-believer of god. There are some phenomenon like heliocentric, elliptical orbit and  $23^{1/2}^{\circ}$  slanting earth were help towards success of this believe. Those concepts may be proposed against the Christian cosmology of geocentric universe. This article may justify whether the gravity is there or not. To maintain the scientific secrecy the study was done by secret.

**KEY WORDS:** Geocentric, heliocentric, elliptical orbit, Christian cosmology.

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## INTRODUCTION

Number of Philosophers, Researchers and Scientists who were contributed to the construction and the unraveling of the notion like Gravitational interactions. Include the Atomists, such as Democritus, the Platonic and Neo platonic policies. Physicists like Aristotle, John Philoponus, Nicholas of Cusa and John Bouridan, the famous ideas of Johannes Kepler and Galileo Galilei, continued to the publication of the Isaac Newton's *Principia*, the further developed works of Euler and Lagrange, Mach and Poincare, helps to reaches its peak with the formulation of theory, Einstein's Relativity in its first proposed form. (Panayiotis Papaspirou and Xenophon Moussas, 2013).

Kepler was faced a serious difficulty on designing the elliptical paths of the planets, as per the statement of his first Law of planetary motion, do correspond to a usual motion dictated by a Physical Law (Dreyer, 2011). Galileo, in his effort about the Kinematics of the physical bodies, announces the concept of the inertial frame of reference and the Galilean Principle of Relativity (Ferraro, 2007).

Newton, transmits to a continuous, absolute and endlessly flowing physical substratum, while the mixture of Entire Space and Entire Time built the outline, constitute the "theatrical section" where all impacts of physical bodies proceeds, generated by contact or by gravity, a framework that acts, but cannot be acted upon. According to Newton, Complete Space is being acquaint with as the correlate with Mass, following the steps of the Atomists who regarded the void as the correlate to the atoms (Ducheyne, 2007). Euler efforts to construct all the structure of the Mechanical Science, the Discipline of Newtonian Mechanics, within a system of Apothegms, Definitions and Postulates, thus representing the Apodictic character of Newton's Law of Gravity and of his three Sayings of Motion (Suiskey, 2008).

At the end of the 19th era a measureable, operational determination of the concept of mass, of the gravitational interaction and of the idea in the field is being introduced by several great Physicists and Philosophers of Science. The concept of the field attain a very depth impact and a most prominent place by, the Theory of General Relativity (Vizgin, 2011).

Alexander Friedmann, who expired early in 1925, deserves to be called the father of Big Bang cosmology. But his formative contributions had been extensively distorted and undervalued. (Ari Belenkiy, 2012). Ernst Mach, through his philosophical involvement and his reformulation of Classical Mechanics, stances as a landmark in the History of Gravity, even indirectly, with the design of his eponymous Principle and the influence he applied upon Albert Einstein for the formulation of the Theory of Special Relativity (Narlikar, 2011).

## **MATERIALS AND METHODS**

In the Introduction, few of the scientists and philosophers who had contributed towards the success of gravity were highlighted. For this work, samplings were done in selective manner, to maintain the scientific secrecy, by discussing the Activities and Observations.

### ***Sampling***

Samples were taken from 100 selected characters, particularly 80 from college students and 20 from well-known personalities, whose ever maintain the secret. Samplings in the form of oral interaction from questionnaire were discussed and got concluded. Respondent were eagerly answering the questionnaire, before discussing about concept everybody felt the gravitational pull, but after discussing of some activities and observations most them felt guilty on the believe.

#### **Activity: 1**

### **COT EXPERIMENT**

There were two persons, facilitated by individual cot on fifteenth floor of an apartment. They were slept. Morning they were discussed each another about an issue which took last night, one man questioned another, why do you lie on the floor? He answered, something drown me down.

#### **Activity: 2**

### **SWIMMING**

There were three friends, were planned to took bath in ground well. All together jumped in to the water, one of three drowned, others rescued him and asked him, do not you know swimming? He said yes, I felt something pulls me down.

#### **Activity: 3**

### **MOUNTAIN TREKKING**

Two men went to trekking, one men slipped and came few steps back. Another man got back to that spot, and asked, what happened to you? He answered, something pulls me back.

#### **Activity: 4**

### **SUPER MAGNET**

A teacher demonstrates and explains about the super magnet with help of magnetic needle. One student asked the teacher, could you give me some example for that? Teacher replied because of which the magnetic needle and roped bar magnet lies between north and south. Another student asked a question to the teacher, Is earth super magnet? Teacher replied yes, absolutely.

The student continued and said, I played with magnet which attracts magnetic, ionic materials and repels same pole of another, why it is not so with super magnet? Teacher did not give any reply to that student, and start thinking.

**OBSERVATIONS**

1. Living beings, one who did not know swimming let to be drowned, but dead body floats.
2. New born livings, jumped and run around accordingly, even Lizard walk across the roof.
3. Birds and Bees are flew on the air.
4. Water bodies are vaporised (water spout) they were collected on the clouds, Rainy clouds are loiter here and there without any control.
5. Trees are also grownup against the gravity.

**RESULT AND DISCUSSION**

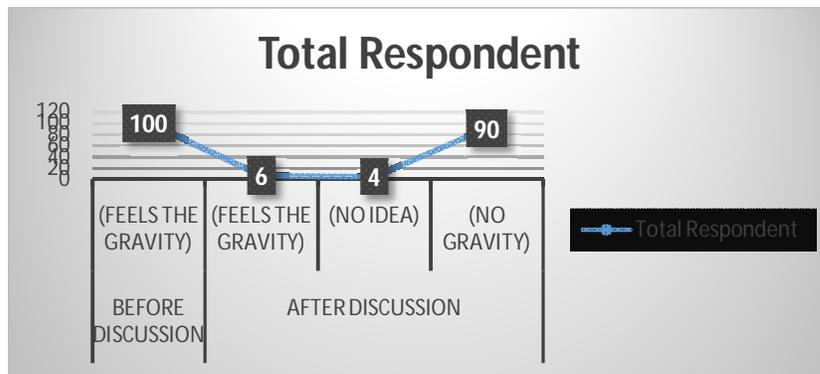
In education activity based learning is considered to be a best way of learning, which enhance understanding ability of all age groups. After discussing the activities and observations, most they did not felt the gravity. Very often few are not clear with that.

Only four parameters were chosen to measure, particularly from -1 to 2.

Total number of respondent = 100.

**Table: 1 Observation table**

Parameters	Before Discussion	After Discussion		
		(FEELS THE GRAVITY)	(NO IDEA)	(NO GRAVITY)
Total Respondent	100	06	04	90
Observations	feels the gravity	feels the gravity	No Idea	No gravity
Value	-1	0	1	2



**Fig: 1 Graphical representation of respondent**

From the (Table: 1) observations and activities, 6% of respondent feels the gravity, 4% No Idea and rest of 90% are did not feel the gravity.

**CONCLUSION**

The Earth’s gravity retains everything close to it like trees, water and air. All objects with mass have gravity. Mass of Hydrogen and Helium are 2 and 4 respectively, but result of gravity pulling is nil for them. In Tamil literature, there was a special grammar for expressing imagination, ie) actually happened things were correlated as per author’s imaginations are called Thatkuripetra Ani. Likewise the newton may imagine the fallen apple. Which fallen not because of earth’s pull,

may be by petiole dryness. Before concluded, we had to be clear with one property of air, which never holds the things. Therefore on behalf of this experiment, we cannot proclaim the assurance that “There is no gravity”. It is the combined responsibility of the science associations, research institutions and the people who are living around the world, to predict whether the gravity is there or not. Not only from the above mentioned activities and observations, whoever can check the gravitational pull by individually?

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