



## **Editor's Note**

Scientific revolution has made significant impact on human life. Think about life of early humans, around ten thousand or hundred thousand year back, that era is known as Stone Age. Our ancestors were roaming in the forest. They were foragers. To satisfy hunger they know a few mode of subsistence i.e. Food gathering, hunting and fishing. For shelter, they do not have even huts; rather rock shelters were their home. For transportation, they had only two legs. They were without cloths, almost naked. The life was very difficult. They were prey of wild animals like tiger and panthers. The life expectancy was merely 30-40 years.

Gradually they evolved the technique of making tools from stones. Their skill to modify and use any natural objects like stone helped them to evolve more effective tools. With the advent of agriculture, they understand their strength of producing surplus and helping the others. The era of industrialization made scientific revolution which consequently resolved many of the problems. We conquered the deadly diseases, our movement has broken the boundaries not only on land, water and air; rather we generated force to go beyond the gravitational range of the Earth. The journey of space is really marvelous achievement of modern man and science. All these become possible because of science and technology. Perpetual search for scientific way and technology; and to achieve it, the development of scientific temperament among masses were lead us to this advanced state of success.

The idea to initiate the journal of scientific discourse is to inculcate scientific vision among the scientist, technocrats, educationist, social reformers, politicians and masses in general. Even in the era of science and technology, its practicers are lacking the scientific temperament.

It is being observed that the scientists or a professor of science/engineering are miles away from scientific temperament in their day to day life. They are irrational and illogical. A great Anthropologist Bronisław Kasper Malinowski in his essay Magic,



Science and Religion elaborated that science is evolved from Magic and Religion and replaced them.

Almost in all religious scriptures the Earth is described as a flat body. There is Hell beneath the earth and Heaven in the sky. There are three different worlds in the Universe i.e. Hell, Heaven and Earth. The Universe is geo-centric. All celestial bodies, including Sun are orbiting around the Earth. But, with the advent of science, these understanding of human being are replaced with observed and experimented facts.

In 1610, Galileo Galilei (1564-1642) by the help of his telescope observed that the Earth is orbiting Sun, contrary to religious believe of geocentric model of the universe and approved the heliocentric model of Nicolaus Copernicus (1473-1543). As his discovery was against the Bible, hence he was sentenced to imprisonment for rest of the life and publications of his work were banned.

Whether the Universe and life on this planet is the creation of any supernatural entity or it is a result of natural phenomenon? Is there any God like Brahma, Vishnu, Ram, Alah etc.? Who have created the Universe and the Human Being? These questions always come during the course of maturation of an individual. Many of us ignore it. They don't want to dig the mystery, but the thinkers and scientist like Galileo Galilei has broken the established conventional thinking. The science has revealed the truth behind such ambiguous questions.

When on July 20, 1969, Neil Armstrong and Lunar Module Pilot Buzz Aldrin stepped onto the surface of the Moon, the religious myth of Hinduism of swallowing the Moon by the Demon known as *Rahu* and *Ketu* is vanished; alongwith that the related myth of 'churning of the ocean' by Gods and Demons is also vanished and the existence of God itself too has vanished. In this way science and scientific discoveries has evolved our understanding better and better state of facts.



Now, we are able to think more rationally and logically and behave accordingly in our day to day life. The populations of rational thinkers are increasing day by day, although the prevalence varies from country to country e.g. China, Japan, Sweden, United Kingdom, Norway, Austria have 70-90% population of atheist. In India, too the populations of atheist are increasing gradually, currently 18-20% population falls under this category.

India being the oldest civilization in the world, it has longest tradition of social reform. Many people dedicated for the task of rational thinking viz. Periyar, Kabir, Nanak, Gadge Baba, Jyotiba Phule, Savitri Bai Phule, Ambedkar, Dabholkar and others. They made wise effort to eradicate superstition and inculcate scientific thinking.

In Indian constitution there is provision to inculcate scientific and rational thinking [Article 51A (h)]. But, still masses are miles away from it. This is not unique to India only, but there are many such countries and region where major drawback is unscientific understanding of masses, which not only affect their day to day activity but it affect the overall development and progress of the society.

The beginning of anything is small but gradually it progresses and takes shape. The first issue of Journal of Scientific Discourse is a starting point to change the thinking and understanding of masses by revealing scientific facts. We will be qualitatively trying to improve its content and context.

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