

## Editorial Article for Journal of Astrophysics and Aerospace Technology

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Free access to knowledge was never forbidden by ancients. In fact the knowledge created in different branches was written and compiled by many unknown authors and it was accessible by all and disseminated by those who had wisdom. Through the keen observation and innovative thinking about various phenomena in nature by humans who were transferring and creating new knowledge, it became possible to harness the newer products which gave momentary material comfort and happiness to humans. As an example, it has become possible to communicate from not only one part of the globe to another part but any object anywhere in the universe emitting certain signals. Moreover it has also become possible to travel long distances to different parts of the universe either with living beings or without living beings during the lifetime of humans and get many information about the distant object in the universe.

The experiment of open access journals adopted by OMICS publishing group seems to history repeating itself in the cycle of creating new knowledge as it will become major source of knowledge immediately and permanently available online without charge, in contrast to institutional or personal subscription to view other's articles, to global community and in particular to young and aspiring generation who are keen to pursue a career in Science. The quality of knowledge contained in papers, reviews and articles will be world class as each one of them will be critically examined by experienced reviewer. Moreover, the papers, reviews and articles appearing in open access journals are environment friendly and sustainable as it is in a digital mode and does not require any paper and the knowledge created is available at any time of the day or night. This technology driven effort may do away with impact factor, science citation and several other pseudo factors which depends on number of scientists working in their network and used by scientific community in a polarized manner to undermine the efforts of author to create new and original knowledge.

In the field of Astrophysics and Aerospace technology, the knowledge is created by keen observers of nature. The nature has existed from time immemorial. Human curiosity for a keen observer has always asked questions to oneself the reasons for various happenings in universe. Sometimes humans used the logic and intuition to understand the phenomena observed in nature. In early times when no instruments

existed to view the phenomena in nature, the naked eyes of the humans were used for keen observation. When electromagnetic waves were not known and detectors of frequency ranges other than visible light were not known, only visible light was used by the keen observer to understand the universe. Though the state of matter in the universe mainly exists in either an ionized state called commonly as plasma state or as a dark matter in the neutral state. The ionized state of matter in the interior of stars including sun is responsible to produce energy which is so dear to mankind. Humans are glued with matter or energy and their inter conversion. Most of the elements found on earth have been synthesized in the interior of stars including sun.

We very well know that birds were flying in the deep sky with a power given by the movements of wings, the technology of movements of aero planes and rockets were existing in nature. It is through keen observation and innovative thinking it became possible to build aero planes with increasing capacities and increasing speeds. The navigational systems from magnetic needle to Geo Positioning Satellites have evolved through keen observation and innovative thinking for creating new knowledge. As the time goes by some species become extinct and newer species evolve with changing environment. As is known now that flying Dinosaur were existing in the past and this species became extinct. Who knows if humans used some extinct species as a vehicle to perform deep space journey in the past as is done by horses and mules for performing land journey or crocodile, sharks and whales and some extinct species for performing sea or deep sea journey.

Therefore the creation of new knowledge through keen observation and innovative thinking of humans is surely going to take place in future. Moreover the open access platform provided by the journal will definitely lead humans with extraordinary wisdom to create new knowledge though existing in nature but has not been put to use by the creatures of this planet earth.

It is therefore necessary for all keen observers and scientists to contribute and disseminate their knowledge thus created in the area of Astrophysics and Aerospace technology to the open access Journal of Astrophysics and Aerospace Technology for the benefit of mankind.

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