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### RESEARCH ARTICLE

#### ROLE OF AYURVEDA IN SURVIVAL OF LIFE ON THE MOON

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#### Abstract

Nature of human kind is to search & research for making the life easy. Recently our ISRO Scientist get succeed in landing of Chandrayaan-3. Main objective of this mission is to collect & observe the surface material available on the lunar surface & search of water. Is it possible to Survive life on the Moon in future & where there is life, there is an Ayurveda. If we neglect Ayurveda's principles, then surviving of life on the Moon is impossible. So we have to think accordingly. Ayurveda is the ancient medical science & it has its own terms & terminologies & principles, which are eternal. So Ayurveda is sustaining till date. It is a good Step toward to try for setting the life on the Moon. But we have to think finely each & every corner regarding safety of life. Definitely technology & modern science has achieved great success today & they will receive much more than this. But at the Same time, we should not forget our old gold knowledge. Ayurveda's principles will definitely play the major role in guiding us in our success. Even ISRO scientists sealing this. It is good thinking that they are well known about our Veda's knowledge. Now up to some extent, we can be hoped that life will survive on the Moon in future. Human beings are proceeding towards this. Only human will help to human & man has to promote himself. As per the GITA - 'उद्धरेदात्मनात्मानम्' which is mentioned in GITA-lesson 18 by Lord Krishna, which means 'to promote self by oneself'. Some principles of Ayurveda, we can apply in this sector too. The eternal principles of Veda & Ayurveda will help us to become super-power as well as Universal Guru on the basis of knowledge which is with us in our Veda & Ayurveda.

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#### Introduction:-

Chandrayaan-3 is a follow-on mission to Chandrayaan-2 to demonstrate end-to-end capability in safe landing and roving on the lunar surface. It consists of Lander and Rover configuration. The propulsion module carry the lander and rover configuration till 100 km lunar orbit. **Chandrayaan-3** is the third mission in the Chandrayaan programme, a series of lunar-exploration missions developed by the Indian Space Research Organisation (ISRO).<sup>[1]</sup> Launched on 14 July 2023, the mission consists of a lunar lander named Vikram and a lunar rover named Pragyan, similar to those launched aboard Chandrayaan-2 in 2019.

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Chandrayaan-3 was launched from Satish Dhawan Space Centre on 14 July 2023. The spacecraft entered lunar orbit on 5 August and the lander touched down near the Lunar south pole<sup>[2]</sup> on 23 August at 18:03 IST (12:33 UTC), making India the fourth country to successfully land on the Moon, and the first to do so near the lunar south pole.<sup>[3]</sup> On 3 September the lander hopped and repositioned itself 30–40 cm (12–16 in) from its landing site.<sup>[4]</sup>

The Vikram lander and Pragyan rover were set to sleep on 2 September and 4 September respectively due to depleting solar power with sunset at the landing site. The lander and rover are planned to start working again at local sunrise on September 22.<sup>[5][6]</sup> However on 22 September, Vikram Lander and Pragyan rover missed Wake-up call.<sup>[7][8]</sup>

Main Objective for the Chandrayaan-3 mission is to Conduct and observe experiments on the materials available on the lunar surface to better understand the composition of the Moon.<sup>[9]</sup>

Ayurveda is a science of life & Change only the constant rule of this universe. Recently ISRO (Indian Space Research Organization) launched Chandrayaan-3 & landed successfully on the Moon, as per expectation. This is a very proud thing for every Indian. The special purpose of this Chandrayaan -3 is to find the water & life on the Moon. Entire world is trying for the same. But till date no one is co firmly found any evidence of water on the Moon. They are only guessing & their search is in very initial stage. Further they are trying & searching for possibilities of life on the Moon. We the Indians are different. We have world's best knowledgeable books like 4 Veda, Puran, Upanishadas, Jyotish science are there. We should take the benefit of all these books. They will definitely help us. Not only give ideas but also save time & money.

Origin, position & decline are the common steps of any thing. At one moment there is origin, after a specific period - position will take place & finally declination is there. This is the fixed phenomenon for every living & non living things in this universe. Change only the constant rule of this universe. At present we can see life only on earth. There is no life on any other planet except earth. Is it true? but we can say that, on other planets life was there, but those planets are in declining phase now & our earth is in mid phase i.e. in position stage. So life is on the earth.

Here I discussed, eternal principles of Veda & Ayurveda regarding survival of life on the Moon. what are the basic needs for survival of life?

*Panch-Mahabhut Siddhanti*. e. Prithvi (land), Jal (Water), Agni (Solar energy, Fire), Vayu (Air) & Akash (Space).<sup>[10]</sup>

Some eternal principles of Ayurveda will definitely be helpful in surviving of life on the Moon, like Tridosh Siddhant, Trigun Siddhant, Panch-Mahabhut Siddhant, The Universe creation (the सृष्टी उत्पत्ती सिद्धांत, (Spirituality (चैतन्यता)

Why do scientists choose only the Moon? because the Moon is the nearest planet to earth & there are some sort of similarities between the Earth & the Moon. In India the Moon is also called as maternal uncle (Mother's brother). Before starting the efforts of survival of life on the Moon, we should go through Veda. Let us know how many years of life of the Moon remain? Whether that is in mid or last phase? Because no history is available in the mythology regarding life on the Moon. Once the water sources are found on the Moon, then cultivation of herbs on the Moon is possible up to some extent. Because the atmosphere of the Moon is different than the earth. There are 14 days - continue day light & 14 days - continue night. In such condition, it is very difficult to survive the life on the Moon. According to *Trigun Siddhant* (Satva, Raja & Tama). We have to study thoroughly in this regard. These are the phases of every living beings & plants. This will definitely make a difference in their nature & properties. Because human & plants are made only for earth's environment.

Once the water sources are available on the Moon. Then cultivation of herbs on the Moon, may be possible for this experiment purpose, scientists have taken a pilot study on the earth by creating the atmosphere like the Moon in the laboratory. If this experiment gets successful, then oxygen will generate & hence automatically atmosphere will generate. For this we have to choose the trees like, Nim, Cedar (देवदार), Wad (वड) Pimpal (पिंपळ), etc. which generate more oxygen in short period & also consume toxic gases. As the Moon is cold qualitative, if cultivation of *Shit Virya* (cold nature) medicines on the Moon, it will be more effective than earth in the preparation of medicine.

**Season development –**

Multiple problems has to face for surviving life on the Moon. But they can be overcome, because necessity is the mother of invention & adversity forces them. Climate changing is big issue on the Moon. The environmental position of the Moon is as follow –

	<b>Moon</b>	<b>Earth</b>
Cold	South Pole	North Pole
Hot	North Pole	South Pole

**Tridosh Siddhant –**

*Vat, Pitta, Kapha* are the three doshas. Except these doshas, life can not be sustained. For normal functioning of these doshas, atmosphere is important factor. Otherwise doshas will vitiated & diseases will arise.

**What is the Universe creation theory) सृष्टी उत्पत्ती सिद्धांत?**

According to Veda & Ayurveda this Universe creates from *Avyakta* (Invisible element), *Mahat Tatva* & *Ahankaar* (the Ego), means Veda has already known *Avyakta Tatva* from which this Universe is created, where modern science invented first Tissue → then Cell → finally DNA means **macro to micro**, where Veda started from **micro to macro**. This is the basic difference in both science.<sup>[11]</sup>

For survival of life *Panch-Mahabhuta*, *Panch Dnyanendriya*, *Panch Tanmatra* (*Shabd, Sparsh, Rupa, Rasa & Gandh*) are essential, no *Panch Tanmatra* – no perception of sense.<sup>[12]</sup>

On the earth, there are continuous, earthquakes, lightening, volcanoes, Flood are going on. This shows spirituality of the planets, if such evidences happens on the Moon, then we can say that there is spirituality on the Moon & chances of the life surviving. Otherwise the Moon in declining phase. There is no chance of life. Surface area of the Moon is less than earth, near about 1/3 only. We can not generate natural oxygen without plants & creation of atmosphere is not possible except oxygen. So tree plantation is essential.

Ayurveda is the science of life & we are going to try for searching where the survival of life on the Moon is possible? Without taking the consideration of eternal principles of Veda & Ayurveda & we can not settle a life on the Moon. So Ayurveda's eternal principles will definitely helpful in this regard, I think so.

Land of the Moon also the another challenge of establishment of life on the Moon.

According to the data collected by the scientist till date, we can say that the Moon is in declining phase as per **the Universe creation theory**.

Monsoon is the essential part for life. It is very difficult to quote here that it is possible to survive of the life on the Moon at present. Gravitational force is less by 6 times on the Moon. For getting success in this mission, we should also try something new like to do “*Som-Yadnya*”, *Som-Mantra Jaap* to be pleased & for receiving the blessing of the Moon to get succeed in surviving of life on the Moon. We also need other creatures to keep continue this creation cycle (सृष्टीचक्र).<sup>[13]</sup>

**Panch Mahabhut Siddhant –**

This Universe established upon *Panch-Mahabhuta*, according to Veda & Ayurveda. No life can survive without *Panch-mahabhuta*. *Panch-Mahabhutas* are essential for establishment of life on any planet. All these *mahabhutas* should continuously available on our planet. There is not a moment that he does not walk away. Any of these *Panch-Mahabhutas*, if absent for a while, then life on the Earth will be diminish in a moment. To this statement, I think nobody can deny.<sup>[14]</sup>

Regarding the Moon, *Prithi* (Land) & *Akash* (Space), *Agni* (Fire) only three *Mahabhutas* are present. *Jal* (water) & *Vayu* (Gases) are absent at this moment. For water searching on the Moon various space organizations of India, USA, China & USSR are trying but still they are not succeed.

**Agni (Fire)** - Some extent we can say Agni is present on the Moon in the form of 14 days continue day light & for actual fire ignition, oxygen is essential.

**Vayu (Gases)**- Once water found on the Moon, Tree plantation may be possible, then atmosphere will create. Tree plantation experiment should carry first by developing the atmosphere of the Moon in the laboratory. Then & only then survival of life on the Moon is possible. This will take time of near about 1000 years.

**Spirituality**-(चैतन्यता) - Only present of *Panch-mahabhutas* are not Sufficient for survival of life, on any Planet, then what are the Spirituality of the *Maha-bhutas* ?

Earth-quakes, Volcano Shows spirituality of the land i.e. *Prithvi Mahabhut*. Monsoon, Heavy rain & Flood shows spirituality of the water i.e. *Jal Mahabhut*. Water is the 2<sup>nd</sup> essential Mahabhut required for the life.

**Agni Mahabhut (Fire)** – Sun rays are real Agni. Sun rays generates energy as well as life.

**Vayu Mahabhut (Air)**- Except *Pran-vayu* (Oxygen), life is quite impossible. Cyclonic Storm, Whirlpool (a quickly rotating mass of water in a river or sea) shows spirituality & power of *Vayu Mahabhut*.<sup>[15]</sup>

**Akash- (Space)** - Space is required for origination & development.<sup>[18]</sup>

#### Concept of Agni in survival of life on the moon –

Present of Agni is the indicator of Spirit (Atma). If Agni diminishes, life ends. Various types of *Agnis* are elaborated in Ayurveda. All *Agnis* are essential for survival of Life. This thought is new for modern science. Still they are not reached & touched to this concept. But Scientist have to think about this. Recently **ISRO Chief Mr. Somnath** stated, that all the space knowledge are well explained in Veda. Kindly refer this link to view his interview. ([https://www.youtube.com/shorts/F515MY\\_gFQQ](https://www.youtube.com/shorts/F515MY_gFQQ))<sup>[16]</sup>

#### Trigun Siddhant-

*Saiva, Raj & Tam* are also another important & essential properties for surviving of life. Life is continuous going process. These properties play major role in its continuity. According to position of these three properties, physical & mental health sustain.

#### Kaal-

*Kaal* is also another important factor playing major role in survival of life & due to the effect of *Kaal*, all natural procedures are take place i.e. *Utpatti* (Origin), *Sthiti* (Position) & *laya* (Declination).<sup>[17]</sup>

”ब्रम्हायेन नित्यमेव कुलालवत्त्र्हांडभांडोदरे ।  
विष्णुयेन दशावतारे क्षिप्रोगहने महासंकटे ॥  
रुद्रयेन कपालपाणिपुटके भिक्षाटनं कारितः ।  
सूर्योयेन भ्राम्यति नियमितः तस्मै कालाय नमः ॥“

*Kaal* is one of the important *Dravya* (Elements) in 9 essential *Dravya* (Elements) required for sustaining the life. Seasonal effect on human life is also a point to think.<sup>[18]</sup>

In this way, our ISRO as well as all Space Scientist should think deeply over above stated thought of Veda & Ayurveda for survival of life on the Moon. This will definitely save the time & money.

#### Conclusion:-

The knowledge and eternal principles of Ayurveda can play a major role in creating life on the Moon and have a high significance in sustaining of life.

#### Conflicts of interest -

None declared.

#### Source of support –

Nil.

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