

# The Scientific Thoughts of Thirumoolar - Unlocking the Secrets of Thirumanthiram

**S.Veerakannan, Deputy Librarian, NGM College, Pollachi, [vmaxveera@gmail.com](mailto:vmaxveera@gmail.com), 9788175456**

**Abstract:** The 'Thirumanthiram' is a classic Tamil literature penned by Thirumoolar, one of the famous 63 nayanmars, around 1500 years ago. It is widely revered as a treasure trove of knowledge. This research aims to extract the scientific information contained in the book and connect it with current scientific data. The literary piece covers numerous topics such as agriculture - seasons, land classification, nursery, and germination, as well as the human body and health, breathing, music, teaching, and general science - including the Rainbow VIBGYOR, magnetic lens, and geometry. We analyze nearly 35 songs and highlight scientific details from about 30 key points. These findings are concisely presented to encourage readers to delve into the full book and explore the ancient science juxtaposed with contemporary science for an all-encompassing experience.

**Keywords:** Thirumanthiram, Thirumoolar, Nine Thantras- 3000, songs, scientific information, திருமூலர், திருமந்திரம், ஒன்பது தந்திரம், 3000 பாடல்கள், அறிவியல்

## Introduction:

The Thirumanthiram is a sacred text that teaches the essence of life. It beautifully describes the qualities that a community needs to possess, stating that all belong to one race and one God. Thirumoolar, the author of this work, has covered various fields such as spirituality, medicine, science, philosophy, and anatomy. The Thirumanthiram is a compilation of three thousand songs composed by Thirumoolar and serves as an excellent guide for leading a meaningful life.

Thirumoolar's Thirumanthiram is considered as one of the ten thirumandhirams, which includes 3000 hymns. In his works, Thirumoolar has emphasized the importance of spirituality with quotes such as "Experience pleasure without hurting others" and "All families are one". He was one of the three Nayanmars among the 63 saints of Tamil Nadu. Thirumanthiram is a revered Tamil scripture amongst literature enthusiasts. It is challenging for non-Tamil speakers to comprehend its poetic language and nuances without proper guidance. However, its "Pasyil Vadivam" or explanatory notes, aided with illustrations, has helped many readers to understand its meaning. Thirumoolar's Thirumanthiram encompasses multiple facets of knowledge such as philosophical principles, data, science, and nature. So, the book serves as a comprehensive guidebook for those interested in spirituality and knowledge. Reading it has proved to be of immense value for many readers, including scholars. Thirumoolar's profound contribution to spirituality has left a deep impact on Tamil Nadu's cultural and literary heritage.

## Content:

Thirumoolar, the Tamil mystic and poet, is known for his magnum opus, Thirumanthiram, which comprises of nine thantras and 3000 songs. The book is a treasure trove of spiritual and scientific information that has been passed down through generations. Thirumanthiram is not just a collection of devotional poems; it is also a guide to leading a meaningful life.

Thirumoolar's work is a testament to the deep-rooted connection between science and spirituality. It sheds light on the mysteries of the universe and the workings of the human mind. Thirumanthiram holds a special place in the hearts of Tamil people and is considered one of the most profound works in Tamil literature.

The nine thantras of Thirumanthiram cover a vast range of topics like yoga, meditation, philosophy, and ethics. The 3000 songs that comprise the book offer a glimpse into the intricate workings of the human mind and the complexities of human emotions. Thirumanthiram is not just a book of religious hymns; it is a testament to the brilliance of Thirumoolar's mind.

Thirumanthiram is not just a guide to spirituality but also a comprehensive work of science. The book offers scientific insights into various aspects of life, including the human body, the universe, and the elements of nature. Thirumoolar's scientific musings are grounded in the principles of physics, chemistry, and biology and offer a unique perspective on the universe.

One of the key themes of Thirumanthiram is the concept of oneness. Thirumoolar stresses the importance of understanding our interconnectedness with the universe and each other. He believes that all things in the universe are interconnected and that we must strive to seek unity in diversity.

In conclusion, the works of Thirumoolar and Thirumanthiram offer a unique perspective on life, spirituality, and science. The book is a testament to the brilliance of Thirumoolar's mind and the enduring legacy of his teachings. Whether you are a spiritual seeker or a student of science, Thirumanthiram offers something for everyone. So, go ahead and explore the rich tapestry of Thirumoolar's scientific thoughts today!

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