

# Quran and Science: Scientific Miracles in Holy Quran: A Review

Ajaz Ahmed Wani<sup>1\*</sup>, Mohd Adnan Farooq<sup>2</sup>

<sup>1</sup>Associate Professor and Head Department of Zoology Govt. PG College Bhaderwah

<sup>2</sup>Research Scholar Shri Venkateshwar University Uttar Pradesh, India

DOI: <https://doi.org/10.36348/sb.2026.v12i05.002>

Received: 27.04.2026 | Accepted: 10.06.2026 | Published: 16.06.2026

\*Corresponding author: Ajaz Ahmed Wani

Associate Professor and Head Department of Zoology Govt. PG College Bhaderwah

## Abstract

Man has always sought to understand his own place with the scheme of creation and purpose of life itself. Al- Quran the main source of guidance and faith is a book for all mankind. It is a book with complete code of life and instruction for all mankind and is last and final revelation of God. To attribute the presence of scientific facts in the Quran is to coincidence would be again common sense and a true scientific approach. The scientific origin of Quran clearly proves its Divine origin. It is fact that no human being could have produced a book fourteen hundred years ago, that would contain scientific facts to be discovered and observed by mankind centuries later.

**Keywords:** Quran, Science God, Divine.

**Copyright © 2026 The Author(s):** This is an open-access article distributed under the terms of the Creative Commons Attribution 4.0 International License (CC BY-NC 4.0) which permits unrestricted use, distribution, and reproduction in any medium for non-commercial use provided the original author and source are credited.

## INTRODUCTION

The Quran (Arabic: الْقُرْآن) is the central religious text of Islam, believed by Muslims to be a revelation directly from God (Allāh). It is organized in 114 chapters (sūrah, and 30 paras) which consist of individual verses (āyah). Besides its religious significance, it is widely regarded as the finest work in Arabic literature and has significantly influenced the Arabic language [1]. Ever since the dawn of human life on this planet, man has always sought to understand the purpose of life itself. In this question for truth spanning many centuries and diverse civilization organised religion has shaped human life and determined to large extent the course of history. Al - Quran the main source of Islamic faith is a book believed by Muslims, it is not only for Muslims, but for all those who wants to follow it. It is a guidance for all mankind. Since the message of Quran is believed to be for all times and relevant to every ages. According to famous and Noble prize winner Albert Einstein " Science without religion is lame and religion without science is blind".

Quran and Islam allows for much interpretations, when it comes to scientific world, e.g Ibn al Haytham scientist of medieval muslim civilization contributed to the new discoveries of Science [2]. From the eight to fifteenth century muslim mathematician and

astronomers furthered the development of almost all area of mathematics [2]. Besides from contribution of muslims scholars to mathematics, astronomy, medicine and natural philosophy, some have argued a very different connection between religion of Islam and disciplines of Sciences. Quran made authenticate statements about scientific phenomena that were later confirmed by scientific research. For instance, structure of embryo, creation of universe and our solar system [3] [4].

Explanation of this natural belief in one God's that " Allah has put this into human being as He says: Allah proportional him (i.e the human being) and breathed into him from His (created) soul and made for you hearing and vision and hearts; little are you grateful" [The Quran 32:9]. "By the soul and He proportional it and inspired it (with the discernment of) what is wrong for it and what is right for it, Indeed successful will be the one who purifies it and indeed unsuccessful will be the one who corrupts it". [ The Quran 91: 7 -10]." Indeed, in the remembrance of Allah the hearts finds satisfaction" [The Quran 13:28][2].

The importance of seeking knowledge is repeatedly emphasized in the Holy Quran with frequent injunctions, such as "God will exalt those of you who believe and those who have knowledge to high degrees"

(58:11), “O my Lord! Increase me in knowledge” (20:114), and “As God has taught him, so let him write” (2:282). Such Quranic verses provide a forceful stimulus for the Islamic community to strive for education and knowledge, and range from previously unknown facts about the universe to the wonders on Earth, such as the benefits of pomegranate.

Allah says that, we will show them Our signs in the universe and in their own selves, until it becomes manifest to them that this (the Quran) is the truth” (Quran; 41:53).

The most important thing to remember is that the conception of knowledge (Al-Ilm) in Islam is the Guiding Light (Huda) separating right from wrong (Al furqan). Therefore, in the same way the sun brings light to our eyes to see the world around us, Al-Ilm is the source of guidance to see the signs of Allah (SWT) around us. More such facts that are already mentioned in the Quran and will be proven in the future by mankind as Allah (SWT) says in the Quran in Surah Ar-Rahman, “So which of the favors of your Lord would you deny?”

### Miracles of Quran and Science

There is no human work in existence that contains statements as far beyond the level of knowledge of its time as the Quran. Scientific opinions comparable to those in the Qur’an are the result of modern knowledge. For many centuries, humankind was unable to study certain data contained in the verses of the Quran because they did not possess sufficient scientific means. It is only today that numerous verses of the Quran dealing with natural phenomena have become comprehensible. It is still not easy for the average scientist to understand everything he reads in the Quran on such subjects, without having recourse to specialized research. This means that to understand all such verses of the Quran, one is nowadays required to have an absolutely encyclopedic knowledge embracing many scientific disciplines.

### Astronomy

The Quran contains on certain points of astronomy; it is common for someone to reply that there is nothing unusual in this since the Arabs made important discoveries in the field of astronomy long before the Europeans. But this is a mistaken idea resulting from an ignorance of history. In the first place, science developed in the Arab World at a considerable time after the Quranic revelation had occurred. Secondly, the scientific knowledge prevalent at the highpoint of Islamic civilization would have made it impossible for any human being to have written statements on the heavens comparable to those in the Quran.

### The Sun and the Moon

The Quran distinguishes between them by the use of different terms: light (noor) for the moon, and lamp (siraaj) for the sun.

“Did you see how Allah created seven heavens, one above the other, and made in them the moon a light and the sun a lamp?” Quran, 71: 15-16

The moon is an inert body which reflects light, whereas the sun is a celestial body in a state of permanent combustion producing both light and heat.

### Expansion of Universe

Chapter ath-Thaariyaat of the Quran also seems to allude to one of the most imposing discoveries of modern science, the expansion of the Universe. “I built the heaven with power and it is I, who am expanding it.” Quran, 51:47.

The expansion of the universe was first suggested by the general theory of relativity and is supported by the calculations of astrophysics. The regular movement of the galactic light towards the red section of the spectrum is explained by the distancing of one galaxy from another. Thus, the size of the universe appears to be progressively increasing.

### Conquest of Space

Among the achievements of modern science is the “conquest” of space which has resulted in mans journey to the moon. The prediction of this event surely springs to mind when we read the chapter ar-Rahmaan in the Quran:

“O assembly of Jinns and men, if you can penetrate the regions of the heavens and the earth, then penetrate them! You will not penetrate them except with authority.” Quran, 55:33.

Authority to travel in space can only come from the Creator of the laws which govern movement and space. The whole of this Quranic chapter invites humankind to recognize God’s beneficence.

### Water cycle

In Quran there is mention of the water cycle in nature. This is a topic which is well known today. Consequently, the verses in the Quran that refer to the water cycle seem to express ideas that are now totally self-evident. But if we consider the ideas prevalent at that time, they appear to be based more on myth and philosophical speculation than on observed fact, even though useful practical knowledge on soil irrigation was current at that period. Let us examine, for example, the following verse in chapter az-Zumar:

“Have you not seen that Allah sent rain down from the sky and caused it to penetrate the ground and come forth as springs, then He caused crops of different colors to grow...” Quran, 39:21.

Such notions seem quite natural to us today, but we should not forget that, not so long ago, they were not

prevalent. It was not until the sixteenth century, with Bernard Palissy, that we gained the first coherent description of the water cycle. Prior to this, people believed that the waters of the oceans, under the effect of winds, were thrust towards the interior of the continents. They then returned to the oceans via the great abyss, which, since Plato's time was called the Tartarus. In the seventeenth century, great thinkers such as Descartes still believed in this myth. Even in the nineteenth century there were still those who believed in Aristotle's theory that water was condensed in cool mountain caverns and formed underground lakes that fed springs. Today, we know that it is the infiltration of rain water into the ground that is responsible for this. If one compares the facts of modern hydrology with the data found in numerous verses of the Quran on this subject, one cannot fail to notice the remarkable degree of agreement between the two.

### Mountains

In geology, modern science has recently discovered the phenomenon of folding which formed the mountain ranges. The earth's crust is like a solid shell, while the deeper layers are hot and fluid, and thus inhospitable to any form of life. It has also been discovered that the stability of mountains is linked to the phenomenon of folding. The process of mountain formation by folding drove the earth's crust down into the lower layers and provided foundations for the mountains.

Let us now compare modern ideas with one verse among many in the Quran that deals with this subject. It is taken from chapter an-Naba': "Have We not made the earth an expanse and the mountains stakes?" Quran, 78:6-7.

Stakes (award), which are driven into the ground like those used to anchor a tent, are the deep foundations of geological folds. Here, as in the case of all the other topics presented, the objective observer cannot fail to notice the absence of any contradiction to modern knowledge.

### Embryology

There are a multitude of statements in the Quran on the subject of human reproduction which constitute a challenge to the embryologist seeking a human explanation for them. It was only after the birth of the basic sciences which contributed to our knowledge of biology and the invention of the microscope, that humans were able to understand the depth of those Quranic statements. Let us now isolate, from all these verses, precise ideas concerning the complexity of the semen and the fact that an infinitely small quantity is required to ensure fertilization. In chapter al-Insaan the Quran states: "Verily, I created humankind from a small quantity of mingled fluids." Quran, 76:2

When the Quran talks of a fertilizing fluid composed of different components, it also informs us that human progeny will be formed from something extracted from this liquid. This is the meaning of the following verse in chapter al-Sajdah: "Then He made [man's] offspring from the essence of a despised fluid." Quran, 32:8.

Once the egg has been fertilized in the fallopian tube, it descends to lodge itself inside the uterus. This process is called the 'implantation of the egg'. Implantation is a result of the development of villousities, which, like roots in the soil, draw nourishment from the wall of the uterus and make the egg literally cling to the womb. The process of implantation is appropriately described in several verses by the word 'alaq, which is also the title of the chapter in which one of the verses appears: "God fashioned humans from a clinging entity." Quran, 96:2.

I do not think there is any reasonable translation of the word 'alaq other than to use it in its original sense. It is a mistake to speak of a 'blood clot' here, which is the term Professor Hamidullah uses in his translation. It is a derivative meaning which is not as appropriate in this context.

The evolution of the embryo inside the maternal uterus is only briefly described, but the description is accurate, because the simple words referring to it correspond exactly to fundamental stages in its growth. This is what we read in a verse from the chapter al-Mu'minun: "I fashioned the clinging entity into a chewed lump of flesh and I fashioned the chewed flesh into bones and I clothed the bones with intact flesh." Quran, 23:14.

The term 'chewed flesh' (mudghah) corresponds exactly to the appearance of the embryo at a certain stage in its development. It is known that the bones develop inside this mass and that they are then covered with muscle. This is the meaning of the term 'intact flesh' (lahm).

The embryo passes through a stage where some parts are in proportion and others out of proportion with what is later to become the individual. This is the obvious meaning of a verse in the chapter al-Hajj, which reads as: "I fashioned (humans) a clinging entity, then into a lump of flesh in proportion and out of proportion." Quran, 22:5. Next, we have a reference to the appearance of the senses and internal organs in the chapter as-Sajdah: "... and (God) gave you ears, eyes and hearts." Quran, 32:9. Nothing here contradicts today's data and, furthermore, none of the mistaken ideas of the time have crept into the Quran.

### Quran's Description of Milk Production Matches Modern Scientific Knowledge

This biological process must be basically understood, if we are to understand a verse in the Quran which has for many centuries given rise to commentaries that were totally incomprehensible. Today it is not difficult to see why! This verse is taken from the chapter an-Nahl: "Verily, in cattle there is a lesson for you. I give you drink from their insides, coming from a conjunction between the digested contents (of the intestines) and the blood, milk pure and pleasant for those who drink it." Quran, 16:66.

The constituents of milk are secreted by the mammary glands which are nourished by the product of food digestion brought to them by the bloodstream. The initial event which sets the whole process in motion is the conjunction of the contents of the intestine and blood at the level of the intestinal wall itself.

This very precise concept is the result of the discoveries made in the chemistry and physiology of the digestive system over one thousand years after the time of Prophet Muhammad (S).

### The Sky's Protection

In Surah Al-Anbya, Allah (SWT) says: "And We made the sky a protected ceiling, but they, from its signs, are turning away" (Quran 21:32). It is a scientific fact that the sky, with all of its gasses, protects the earth and life that is present on it from the harmful rays of the sun. If there was no protective layer, life on earth would cease to exist as the temperature on earth would be freezing at  $-270.556^{\circ}\text{C}$ , the same as the temperature in space.

### The Meeting of the Seas

In Surah Ar-Rahman, it states "He released the two seas, meeting [side by side], Between them is a barrier [so] neither of them transgresses" (Quran, 55:19-20). Science has discovered that in places where two different seas meet, there is a barrier that divides them which helps both the seas maintain their own temperature, salinity, as well as density [5].

### Pain Receptors

In Surah An-Nisa, it is stated that "We shall send those who reject our revelations to the (hell) fire. When their skins have been burned away, we shall replace them with new ones so that they may continue to feel the pain: God is almighty, all-wise" (Quran, 4:56).

For a long time, it was thought that the sense of feeling and pain was dependent on the brain. However, it has been discovered that there are pain receptors present in the skin. Without these pain receptors, a person would not be able to feel pain [6] – another example of the scientific miracles of the Holy Quran.

is mentioned in Quran that this universe was created in six days or six periods. This is mentioned in 7 different verses and also explained in details in three other verses.

1- Chapter: 7, Verse: 54

your guardian-lord is Allah, who created the heavens and the earth in six days, and is firmly established on the throne.

2- Chapter: 25, Verse: 59

He who created the heavens and the earth and all that in between, in six days, and is firmly established on the throne (of authority): Allah most gracious: ask thou, then, about him of any acquainted (with such things).

3- Chapter: 57, Verse: 4

He it is who created the heavens and the earth in six days, and is moreover firmly established on the throne (of authority). He knows what enters within the earth and what comes forth out of it, what comes down from heaven and what mounts up to it. and He is with you were so ever may be and Allah sees well all that you do.

4- Chapter: 11, Verse: 7

He created the heavens and the earth in six days - and His throne was over the waters - that he might try you, which of you is best in conduct. but if thou were to say to them, "ye shall indeed be raised up after death", the unbelievers would be sure to say, "this is nothing but obvious surely!"

5- Chapter: 32, Verse: 2

It is Allah who has created the heavens and the earth, and all between them, in six days, and is firmly established on the throne (of authority): you have none, besides Him, to protect or intercede (for you): will ye not then receive admonition?

6- Chapter: 10, Verse: 3

Verily your lord is Allah, who created the heavens and the earth in six days, and is firmly established on the throne (of authority), regulating and governing all things. no intercessor (can plead with him) except after His leave (has been obtained). this is Allah your lord; Him therefore serve you: will ye not receive admonition?

7- Chapter: 50, Verse: 38

We created the heavens and the earth and all between them in six days, nor did any sense of weariness touch us.

Following verse, explain these six periods:

8- Chapter: 41, Verse: 9

Say: is it that you deny Him who created the earth in two days? and do you join equals with Him? he is the lord of (all) the worlds.

9- Chapter: 41, Verse: 10

He set on the (earth), mountains standing firm, high above it, and bestowed blessings on the earth, and measure therein all things to give them nourishment in due proportion, in four days, in accordance with (the needs of) those who seek (sustenance).

10- Chapter: 41, Verse: 12

So, He completed them as seven skies (Heaven) in two days, and he assigned to each heaven its duty and command. and we adorned the lower heaven with lights,

and (provided it) with guard. such is the decree of (Him) the exalted in might, full of knowledge.

## CONCLUSION

To attribute the presence of scientific facts in the Quran to coincidence would be against common sense and true scientific approach. The Quran invites all human to reflect on the creation of the universe in the verses." In the creation of heaven and earth, and the alternation of night and day, there are indeed signs for mankind for understanding" (Al - Quran 3:190). The scientific evidence of Quran clearly proves its Divine origin. No human could have produced a book fourteen hundred years ago, that would contain profound scientific facts to be discovered by humankind centuries later. The Quran is not a book of science but a book of complete guidance with signs. These signs invite man to realize the purpose of his existence on earth and to live in harmony with Nature. The Quran is truly a message from Allah, the Creator and sustained of the universe. It contains the same message of the oneness of God, that was preached by the Prophet right from Adam to

Muhammad (Peace upon Them). The Quran contains a complete code of life for individual and society.

## REFERENCES

1. Esposito, John (2010). Islam: The Straight Path (4th ed.). Oxford University Press. p. 21. ISBN 978-0-19-539600-3. Throughout history, many Arab Christians as well have regarded it as the perfection of the Arabic language and literature.
2. Haq, Syed (2009). " Science in Islam ". Oxford Dictionary of the Middle Ages. ISSN 1703-7603.Retrieved 2014-10-22.
3. Iqbal, Muzaffer(2003). Islam and Science, Alderson, UK: Ashgate. pp140-51. ISBN 978-07554608004.
4. Ruthven, Malise. A fury for God. London; New York. Granta (2002). P.126.
5. R.A. Davis, Principles of Oceanography, ISBN-13: 978-0201014648.
6. Edward A. Shipton, Skin Matters: Identifying Pain Mechanisms and Predicting Treatment Outcomes, Neurol Res Int. 2013; 2013: 329364.