

# The birth and death of the universe

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More than 1400 years ago the Holy Quran referred to the beginning of the creation of the universe in one of its Holy verses , this reference is in conformity of what is now scientifically known as " the Big Bang " . In this Holy verse , the Holy Quran rebukes the atheists of every age ,who deny the creation of the universes, the claims of the atheists are based on the unsubstantiated illusion that the universe is static and it has no beginning or end . This unsubstantiated belief , in fact , dates back to early times . The idea first appeared in the Greek time and has been fostered in the Roman time but receded back in the face of catholic church . Unfortunately and under the fascination of the early philosophy , this doom belief has taken up again and has been developed till it became a sweeping force leaving most of the world in a quagmire of paganism . Modern atheism is the product of the scientific errors and contradictions between some verses in the bible and the Torah and the scientific discoveries .

Because of the scientific contradictions between some Holy books and science , atheism reared its head again and even much more brazenly than ever before and nursed the seeds of skepticism towards religions and the existence of Allah . All the Holy books are God's word but , unfortunately , the bane is that some church men and rabbis , being influenced by the culture and the traditions of their age , interpolated such superstition in the Holy books, this was a heinous act that left what is supposed to be God's word shaky in the face of materialism . The Holy Quran , the last revealed book and since the very beginning of its revelation survived the human tampering simply because Allah, as stated in the Holy Quran , has kept it protected against any attempt of human tampering .

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The Big Bang , a theory that explains how the universe came into being , is the most accepted theory in this regard . This theory , now a fact , is scientifically proved . When this theory was first appeared , it was shrugged and even rejected by atheists as it means that the universe has a beginning , that is , there must be a creator . Atheist welcomed many other theories such as Darwinism and materialism .

What is big bang ?

The "Big Bang" is the term given to what is currently the most widely accepted scientific model for the origin and evolution of the Universe. The creation of the universe is explained by astrophysicists in a widely accepted phenomenon, popularly known as the 'Big Bang'. It is supported by observational and experimental data gathered by astronomers and astrophysicists for decades. According to the 'Big Bang', the whole universe was initially one big mass (Primary Nebula). Then there was a 'Big Bang' (Secondary Separation) which resulted in the formation of Galaxies. These then divided to form stars, planets, the sun, the moon, etc. The origin of the universe was unique and the probability of it occurring by 'chance' is zero.

Evidences of the Big Bang

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2–Large–scale homogeneity

3–Hubble diagram

4–Abundance of light elements

5–Existence of cosmic microwaves Background Radiation

6–Fluctuation in the CMBR

7–Large–scale structure of the universe

8–Tolman Tests

9–Sunyaev–zel'dovich effect

10–Integral Sachs–Wolf effect

11–Dark matter

12–Consistency

What does the Holy Quran say about the creation of the universe ? The Holy Qu'ran , the word of Allah, says Have not those who disbelieved

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known that the heavens and the earth were one connected entity, then We separated them?... (Quran, 21:30)

Every word , every letter are the same as they were revealed more than fourteen hundred years ago . Allah says in the Holy Quran what means " We have, without doubt, sent down the message; and we will assuredly guard it (from corruption). (Al-Hegr :9)

### The expansion of the universe

As we have explained the universe began with a big explosions (matter and energy ) . The galaxies condensed out of this matter and continued to move away from the point of the explosion, thus the Universe has been expanding since the beginning of time. If you imagine yourself standing in any one of these galaxies and watch the motion of the other galaxies relative to you, you will notice that all the other galaxies appear to be moving away from you. This is the cosmological red shift and is due to the expansion of the Universe.

### The end of the universe ( The Big Crunch )

Scientists assure that the universe will have an end as it had a beginning . The universe will never be expanding .Scientists say that the universe is filled with whatever called the dark matters. Although it cannot be seen, there is solid evidence that more than 90% of the total mass in the universe is composed of Dark Matter. "It is there! It is there! It is simply not visible. (Lorna Simmons , Printed in Reflections ) . The Dark matter is non-luminous matter, that cannot be directly detected by observing any form of electromagnetic radiation (light), but whose existence is suggested because of the effects of its gravity on the rotation rate of galaxies and the presence of clusters of galaxies.

The more the universe expands , The slower its velocity is . The galaxies will slow down because of the gravity of the dark matter ,in the course of time the velocity of the universe components will be nil , the gravity of dark matter will prevail , so the universe will crunch under this gravity , all the cosmos entities will recede back or reverse to where it first stems from .

Now we have discussed what does science says about the creation of the universe , and these what the Holy Quran affirms in a few words .

More than fourteen hundred years ago , the Holy Quran mentioned the following scientific facts :

- (a)The creation of the universe as described in theBig Bang
- (b)The gaseous cloud out of which the universe was created

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( c ) The expansion of the universe

( d ) The scrolling up of the universe ( the Big crunch )

Allah says in the Holy Quran what means "Do not the unbelievers see that the heavens and the earth Were joined together (sewn together) (as one Unit of Creation and then We unstitched (clove them ) and that We made from water every living thing? So will they not believe? (Qur'an, 21:30) "

The verse says clearly that the facts about the creation of the universe will be discovered by the unbelievers , these facts were actually discovered by non-Moslems . Moreover the verse calls the atheists to rethink again over their unsubstantiated claim .

The Holy Quran uses just two words to sum up all what have been written to describe the Big Bang ; the Arabic word "ratq" (rendered in English "sewn ") means "mixed in each or blended" . It is used to refer to the state of the universe before being exploded . The Quranic word ( Ratek ) is what referred to in modern science as " one mass "

The phrase "we unstitched" , that is , "fataqa" in Arabic implies that something comes into being by tearing apart or destroying the structure of things that are sewn to one another. The word is used to describe the beginning of creation in the Holy Quran ; it is ,along with all its implication , is in conformity with the meanings of the Big Bang .

In other words , when we think about the first moments of the Big Bang, we see that the entire matter of the universe was collected at one single point. In other words, everything—including "the heavens and earth" which were not created yet were in an interwoven and inseparable condition. Then, this point exploded violently, causing its matter to disunite.

Unlike the meanings of the big bang , the Quranic words denote system , wisdom , creativity while the words Big Bang , a term invented by scientists , implies random chaos . So now the Holy Quran , in the question of theism . gives the proof that the universe is not eternal and is in conformity with astrophysics . A book like this , revealed in a time when the best knowledge a bout universe proved to be superstition , gives accurate precise facts that are scientifically and widely accepted . It also gives credence to the prophet-hood of Mohammed , who was unlettered and neither could he read or could he write . If that prophet was imposter or counterfeiter , how dare he indulge himself in matters that don't concern the people of his age .

Here you can understand the miraculous use of the word in the Holy Quran , Allah says in the Holy Quran what means " Say: if the ocean

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were ink (wherewith to write out) the words of my Lord, sooner would the ocean be exhausted than would the words of my Lord, even if we added another ocean like it, for its aid. ( AL–Kahf:109)

Allah says in the Holy Quran what means " And if all the trees on earth were pens and the Ocean (were ink), with seven Oceans behind it to add to its (supply), yet would not the Words of Allah be exhausted (in the writing): for Allah is Exalted in power, full of Wisdom. ( Lokman :27)

The birth of the heaven and the earth in the Holy Quran is in conformity with science .

Concerning the creation of the heavens and the earth, the Qur'an says that ,prior to the creation, the Heaven was smoke. Allah then commanded it and the earth to come into being and they came willingly . Allah says in the Holy Quran what means " Moreover He comprehended in His design the sky, and it had been (as) smoke: He said to it and to the earth: Come ye together, willingly or unwillingly. They said: We do come (together), in willing obedience."{41:1 1}. How does that , if compared with modern scientific explanations ? Let us hear a scientific explanation and then judge for ourselves. The French scientist Dr. Maurice Bucaille in his book called The Bible, the Qur'an and Science explains: " Modern science has every reason to maintain that the universe was formed from a gaseous mass principally composed of hydrogen and a certain amount of helium that was slowly rotating" (p.147). (Big Bang Theory)

Didn't the Qur'an say that the Heaven was smoke before its creation? Dr. Bucaille explains the connection between his description and that of the Qur'an as follows: "Smoke is generally made up of a gaseous substratum, plus, in more or less stable suspension, fine particles that may belong to solid and even liquid states of matter at high or low temperature" (p. 143). He therefore sees no contradiction of the Quranic use of the Arabic word *dukhan* (translated smoke) and a modern interpretation of that word as a gaseous mass with fine particles when speaking of the formation of the universe.

We notice here two remarkable features of the Qur'an. The first feature is that it expresses scientific truths that will be verified many centuries later. The second feature is that the Qur'an expresses those truths using terms and expressions that would avoid confusing its first readers in the seventh century. The seventh century reader of the Qur'an can easily relate to the image of smoke, and the twentieth century scientist can easily interpret the word as a gaseous mass.

Once again , how could unlettered man in the 7th century give such scientifically–proven facts unless he received a revelation from the creator of the universe .

<http://www.55a.net/firas/english/>

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