

## **Cosmological Analysis of Genesis of the Universe: An Islamic Perspective**

**Bilal Ahmed<sup>I</sup>**

**Iram Alaudin<sup>II</sup>**

### **Abstract**

In this review article we will study about the relationship between Science and Islam. We will study that how Islam will help us to know about the creation of Universe. No doubt Allah is the creator of this Universe and now Science is proving that there was a power that helped for the creation of Universe and no doubt that power was Allah's power. Also in this article we take verses of Quran as an evidence that will help us to understand the creation of Universe. In Quran Allah says that "we made this Universe in 6 days" and now Science proved about the 6 eras of this Universe. Similarly there are many verses like this we can take as an evidence for the creation of this Universe; this was Allah's power indeed that created this Universe. There is no misconception of the Quran's Evidence for Muslims about the creation of the Universe but for Non-believers and Atheists this article will be a helpful material to understanding, how did the Universe exist? In short this article is a research piece on the natural phenomena that are explained in short or in detail in the Quran with special reference to the scientific approach of the Modern era. It shall indeed be a productive effort in the research.

**Keywords:** Big Bang, Quran, Physics' laws, Comparison, Physicists, Atheist's concepts

### **Introduction**

For the study about the creation of universe Big Bang Theory is a basic concept. Big Bang, according to scientists was the basic phenomenon for the creation of Universe.

Big Bang is the utmost acknowledgeable theory that was constantly publicize in the yester years of science to explain the base of the universe and the applied observations like Expansion of the Universe, background radiation of Cosmic microwave, Gravitational waves, galaxy creation and development, and the diffusion of large range Cosmic arrangement<sup>1</sup>.

Quran is the best book for any type of guidance. Science is the systematized study of universe composed by Allah. The Universe is a pack of tangible and biological phenomena which are experienced all over us. Allah has revealed the Quran on Prophet Muhammad (S. A. W.). There is a concept related relationship among the Quran and Science.

In Quran, Allah has frequently invited us to examine about the colorful phenomena of this nature as it is said:

---

<sup>I</sup> M. Phil Scholar, Department of Physics, University of Engineering and Technology Lahore

<sup>II</sup> MS Scholar, Department of Languages, University of Sialkot

“Behold all that is in the heavens and on earth<sup>2</sup>”

In another verse of Quran:

“Travel through the earth and see how Allah did originate creation; so will Allah produce a later creation: For Allah has Power over all Things<sup>3</sup>”

The Holy Quran is packed of verses in which Allah Almighty has stress our minds on thinking about the nature and finding the purposes back of different physical phenomena proceeding in this Universe<sup>4</sup>.

No doubt where Quran justifies many phenomena with proofs, the Quran also explains many concepts related to science and scientists also accepts that the Quran’s concept related to Big Bang, cosmology or related to any field of science is true. Now Big Crunch is also very helpful to study the expansion of Universe.

The Big Crunch Theory was given in 1948. The purpose was that physicists can measure the Expansion of the Universe by using blue-shift and red-shift measurements. Still, if no Big Crunch is there which is caused by all the forces of gravitation in the Universe, the “scrolling up” phenomena described that a result of massive and numerous, or a mega-black holes in the Universe that would have the similar “scroll up” effect. If we consider that this is the case, on our current Universe as some theories apply so at the other end of the Big Bang (esque) and black hole singularity the “repeat” would occur. On other hand, at the time of Revelation about the Cosmos type knowledge was not known by us. Also, in the Quran it says by Allah (S.W.T), the earth and heavens were created in 6 “days”. As we know today from the Big Bang starting point this is directly lined up with the stages belonging to the Universe<sup>5</sup>.

No doubt Physics’ Laws are also very helpful to know about the universe. Quantum Mechanics, Classical mechanics, Gravitation, Cosmology, Heat, EMT, Optics, Atomic physics, Nuclear physics, and Particle physics and so on are the main branches of physics. If we talk about Cosmology, we study about the origin and development of the Universe. According to NASA the definition for Cosmology is: “it is the scientific study of the Universe of the large scale properties considered as a whole”. In Physical term, in Cosmology we deal with physical origins, development of the Universe and about nature<sup>6</sup>.

There are many theories that explain the phenomenon for the beginning of Universe scientists said that there was a force that helped in the process of Big Bang. No doubt the power was Allah’s power also there is a concept in which thinkers thought that there was no Big Bang or there was no power behind the creation of Universe. Everything happened on the basis of Physics laws and this is known as Atheists’ Concept. So, in this article we will study about Big Bang, Scientists theories related to universe’s creation, Atheism concept related to Universe’s creation and Quran’s views related to universe’s creation.

## **Discussion**

### **Big Bang**

If we talk about before 20<sup>th</sup> century there is no concept about the existence of Universe, it was just totally based upon various faiths and religions. Also there was no scientifically proved that Universe had beginning or not it was thought that Universe existed always. Later after many discoveries by the scientists, there was a new concept that came out that Universe had a starting point<sup>7</sup>.

The biggest evidence for the existence of Universe was the Big Bang theory from starting periods<sup>8</sup>. About 13.7 billion years ago Big Bang theory's model portrays that as a result of an explosion Universe came into existence<sup>9</sup>. And after this explosion it starts expanding at astronomic speed in entire directions<sup>10</sup>. It provides a vast amount of explanations about Universe. This Big Bang theory which is also known as "Cosmic Model" showed that this Universe is not immortal and after some specific time it came into existence. It describes that to explode at incredible velocity there was some force for the creation of the whole Universe<sup>11</sup>.

To know how Universe is created, Big Bang theory remains very helpful for all people. In 1916, a very first scientist Albert Einstein presented his theory and that was "Theory of General Relativity" in which he said that Universe did not exist always<sup>12</sup>. As this theory was a new turn to all past theories so it was unacceptable by all, in this situation Albert Einstein add a new constant in his theory and that was a "Cosmological Constant" to get his own choice result and to show that Universe existed always and this was immortal<sup>13</sup>. In 1920, after Four years Georges Lemaitre (Georges Lemaitre, (1894-1966), Belgian cosmologist, Catholic priest, and father of the Big Bang theory) and Edwin Hubble (Edwin Powell Hubble (1889 – 1953) was an American astronomer) they both worked out on the "General Relativity Theory" which was presented by Albert Einstein and showed that the "Cosmological Constant" which was used by him was a fault also Universe had a beginning and it was continuously expanding<sup>14</sup>. Majority of astrophysicists rejected this theory.

### **Evidence from the Holy Quran**

As Muslims we should know that Quran is the best guidance source for us, we can solve every our problems with the help of Quran. No doubt, Quran is not for only a source for Muslims rather it has guidance for every person irrespective of religion, everyone can take guidance from this. For science Quran also provide a lot of information regarding creation of universe and much more here we are going to discuss some verses regarding the creation of universe, these verses are going to be very helpful for non-believers and atheists. Allah says in Quran about Universe:

"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.....<sup>15</sup>'

In above two verses this is evidence that Universe started from smoke.

In other place Allah says in Quran about the beginning of Universe:

"Have not those who disbelieved known that the heavens .....?"<sup>16</sup>

In other verse Allah reveals:

"Verily in the creation of the heavens and the earth, and the alternation of night and day.....<sup>17</sup>"

As Allah says Quran all happened in "6 eras":

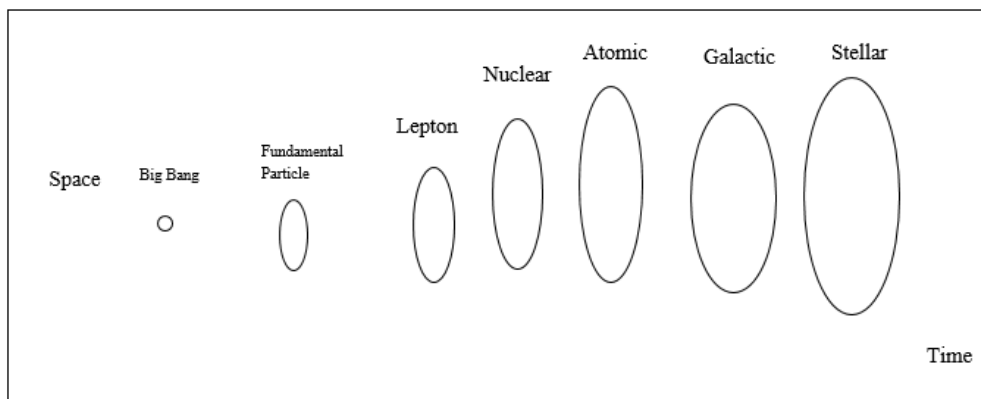
"Indeed, your Lord is Allah, who created the heavens and earth in six eras.....<sup>18</sup>"

"Indeed, your Lord is Allah ....<sup>19</sup>"

"And it is He who created the heavens and the earth in six eras.....<sup>20</sup>."

No	6 Eras	Duration after Big Bang	Temp. (K)	Major Happenings
1	<b>Fundamental Particle</b>	$10^{-35}$ s to $10^{-4}$ s	$10^{27}$ to $10^{12}$	In this duration, fundamental particles like electrons quarks and other particles formed.
2	<b>Lepton</b>	$10^{-4}$ s to $10^2$ s	$10^{12}$ to $10^9$	In this duration, cluster of Quarks into proton and neutrons.
3	<b>Nuclear</b>	$10^2$ s to $5 \times 10^4$ year	$10^9$ to 16k	In this duration, light elements like Li, He and Hydrogen's Nuclei formed.
4	<b>Atomic</b>	$5 \times 10^4$ year to $2 \times 10^8$ year	16k to 60	In this duration, Atoms formed.
5	<b>Galactic</b>	$2 \times 10^8$ year to $3 \times 10^9$ year	60 to 10	In this duration, 1 <sup>st</sup> stars & quasars get form and shine, also Galaxies form and grow.
6	<b>Stellar</b>	$3 \times 10^9$ year to $10^{10}$ year	10 to 3	In this duration, Galaxies get merge & evolve, solar systems and dark energy begins to dominate after their formation.

From the above table<sup>21</sup> it is clear that in the Big Bang theory, the number of eras causes in the heavens and Earth’s (Solar System) creation is same as mentioned in the Holy Quran. The 6 eras including: Fundamental Particle, Lepton, Nuclear, Atomic, Galactic & Stellar era. In above table clearly mentioned how much duration, temperature required for each era and also mentioned the major happenings that took place during these eras. But, in Quran there is no detailed explanation about these 6 eras, however nature is to give concise and prime information as said; “Also, it is not the book of science but the book of signs”.



**About Seven Heavens**

In several verses of Holy Quran the word Seven Heavens discussed many times here we will discuss few verses about this.

In the following verse Allah says:

“It is He who created for you everything on earth.....<sup>22</sup>”

In other verse:

“So, He completed them as seven universes in two days.....<sup>23, 24, 25</sup>”

**Physicist’s view about 7 Heavens:**

Today, most physicists proved that there is more than one Universe and also many physicists are giving their theories about it. According to scientists there is more than one Universe and all these are different to each other. Now here we are going to discuss different theoretical types of Universe in the following table:

1. Quilted	In parallel worlds, numberless Universes repeated over space yielding.
2. Inflationary	It causes bubble Universes & expansion in inflationary space where one of them is ours.
3. Cyclic	Yielding Universes, causing Big Bang and world collision in parallel Time.
4. Landscape	Universes of inflationary model yielding bubble, combining multiple shapes of String theory.

5. Quantum	Quantum Mechanics, in parallel Universe with all possibilities.
6. Holographic	Projection of our Universe is equivalent to other parallel Universes.
7. Ultimate	Actual Universes with all its possible states as fulfilled all possible equation of mathematics.

**Physics’ laws**

**Dark matter**

Dark matter is also considered by cosmologists as a part of Big Bang theory. From name it is clear that it is a matter that cannot interact or emit radiations like EM radiations e.g. light. It also holds different clusters of galaxies and it holds also a large scale structure from isolating the Universe’s structure. In 1933, Fritz Zwicky was the first person who pointing the presence of “Dark matter”, and it is the 26.68% of total Universe<sup>26</sup>.

**Quranic view about dark matter**

In several verses of Quran Allah gives us, a hint about dark matter as an unseen thing, there are few verses about dark matter in “Quran Majeed”:

“It is Allah who raised the heavens without pillars.....<sup>27</sup>”

In another verse:

“He created the heavens without pillars that you see and has cast into the earth firmly set mountains.....<sup>28</sup>”

**Big Crunch/Contraction of Universe**

Stephen Hawking, Michael Berry and Thomas Gold have the perspective that the reversal of time can cause the Universe’s contraction, this phenomena is called Big Crunch. From this perspective, if we consider a certain evaluative quantity of Universe’s mass, the galaxies by the attraction of gravity between them will cause them to stop flying and slow down them. And also stop the expansion of Universe. Due to all of this, big crunch will occur by the falling of these galaxies towards each other. In this way, the end of Universe will occur<sup>29</sup>.

**By another concept**

According to Friedman equations (after the name of Russian physicist and mathematician Alexander Friedman), proved that the density of Universe is calculated with the help of its density. The size of Universe can be expanding or contracting, except this that it is continue same state. By the sufficient amount of gravity and matter the expansion of Universe would eventually cease, due to this phenomena Universe hitting back inward, called the big crunch. In 1960-70s, in the known universe astronomers summed up all the matter and calculated that there was sufficient amount of mass which caused the cosmos and a countless dense form should finally collapse. It was speculated that if once Universe compressed into a limitless small point, this phenomena can cause to go Universe into another expansion or Big Bounce<sup>30</sup>.

**Quran’s view about big crunch**

In Islamic point of view Big Crunch is referred to as the last day of Universe, in Quran it is known as judgmental day.

“And you will see each nation humbled.....<sup>31</sup>”

In other verse:

“The Day that I roll up the heavens like a scroll rolled up for books  
...<sup>32</sup>”

### **Black Holes**

Black Holes is today’s very interesting topic of physicists. The idea of Black Holes was firstly given by J. Wheeler in 1974 and in 1983 it was physically proved. Black Holes tell us that Universe may be crumpled like a paper and converted into n number of points. No time dimension at this moment will be there. All physics’ laws will fix. General relativity theory of Albert Einstein considered as a real life example of Black Holes. The dimensions of space & time extended to its maximum by immeasurable quantities of matter and all this happens in the places of the Universe. By these types of forces a limitless deep well which is called ‘Gravitational Well’ from which even light cannot come out. Though, this well in reality is not black but it is known as “Black Hole<sup>33</sup>”.

### **Quranic view about Black Holes**

In Quran Allah also gives many hints that can be related to “Black Holes” there are following few verses of “Quran Majeed” about “Black Holes”:

“And heaven is opened and becomes as gates<sup>34, 35, 36, ..... 37</sup>”

In space time there is a tunnel which is also known as ‘Warm Hole’ it is thought that it will provide you the path of other Universes. But these types of holes are not observed by anyone yet as it is mentioned in Quran with “Gates Opening” which is also quoted in above lines so it might be pointing towards ‘Warm Holes’. Also as we know that Black Holes have very powerful gravity than any other matter it can swallows everything, so in above mentioned verses there is a sentence used ‘ setting place of stars’ is an indication towards Black Holes which is formed by collision of stars<sup>38</sup>.

### **Different waves and forces**

Forces of gravity, force of electromagnetic, weak nuclear and strong nuclear forces are main 4 fundamental forces that exist in our nature. In all of these forces, it is considered that force of gravity is very weak where nuclear force is very strong force<sup>39</sup>.

With the help of Newton’s ‘Law of Gravitation’, the force which is used by every Universe’s point masses to attract each other is directly and inversely proportional to their product and the double of distance between them respectively<sup>40</sup>. Now, if we talk about the gravitational force b/w planets and Sun, it is considered that the gravitational force of Sun is much stronger than any other planet. So, it attracts all planets towards itself. In addition, all the planets are moving in their own ways in specific direction so that’s why it does not fall

towards the Earth<sup>41</sup>. From this concept it is also considered that all planets including Earth are revolving in their own specific direction, that's why it does not fall towards the Sun.

### **Quranic view about the forces**

“If you like to know the laws of nature, then look at the Universe, Allah is He, Who has risen up the heavens (huge cosmic bodies or solar system) without any pillars (support), that you can see<sup>42</sup>”

It is predicted by general relativity, gravitational waves are emitted by heavy bodies that are moving under the action of gravity. By merging like Black Holes in the Universe very powerful and violent hap is caused as in space time are ripples (gravitational waves). In 1916, Albert Einstein was the first person who predicted about these waves and in 1974 these were observed. In 2015 when two heavy Black Holes collided with each other these waves were physically confirmed in this phenomenon. It can be considered that the waves which we have in our seas are similarly like those waves which are in space time<sup>43</sup>.

### **Quranic view about waves**

"It is He, Who created the night and the day, and the sun and the moon: all (the celestial bodies) swim along, each in its rounded course.....<sup>44</sup> ,.....<sup>45</sup>”

### **All things in pair**

As we know that nature loves pair, therefore we can see all things in this Universe in pair form like: male and female, electron and positron, 2 east and 2 west, particles and anti-particles, day and night, similarly like this there are many examples which we can see around us as a pair. There is also an idea about ‘Omnipresence’ and ‘Omniscience’ which is not followed by Modern and Quantum science. The Quantum form of all remaining electrons in the Universe will ‘Know’ by an electron of the Nature<sup>46</sup>.

### **Quranic view about pair**

“We created all things in pairs, so that you may reflect and ponder.....<sup>47</sup> ,<sup>48</sup> ,<sup>49</sup>”

### **Comparison b/w Quran, Physicists and Atheist's concepts**

#### **Atheist's view about creation of Universe**

If we talk about ‘Atheism’, this word came from ‘Atheos’ which is an old word of Greek language that have meaning ‘without God’<sup>50</sup>. A person who does not has believed in any religion or God is known as ‘Atheist’.

#### **In Oxford dictionary**

Due to lack of misconceptions about the existence of God, for most of people it becomes very weird. Due to many religions or Gods people get confuse that which religion or God is real and accurate therefore many atheists are starting thought that most of the people are atheist about their Gods<sup>51</sup>.

In ‘Atheism’, atheist does not obey any religion they thought that there is no God also they are not accepting any restrictions of any religion. Due to a lot of



hate with religion with any cause can force the people to convert into ‘Atheist’. It is also be happen when any religion failed to answer of One’s questions or imposing irrelevant restrictions by religion<sup>52</sup>. It is very hard to say that their ratio is increasing day by day.

Phil Zuckerman (A professor of sociology and secular studies at Pitzer College in Claremont, California) says:

“No doubt the ratio of atheists increased today as compared to past it is a very sad thing that the ratio of humanity is less than atheist<sup>53</sup>.”

Due to different religions, languages, cultures it becomes get difficult to calculate the exact number of all atheists<sup>54</sup>. But the ratio of atheists is more than that of non-atheists especially in China and in Russia are on top of the list.

According to a 2014 Gallup survey, it is stated that:

“Before 3 the decades, 4 out of 10 Americans thought that humans are created by God. Majority Americans also thought that in the process of creation of Universe God helped. But now it is sad to say that the ratio of these people not more than those who are saying that there was no part played by any God in the creation of Universe<sup>55</sup>.”

Alex Filippenko says:

“The creation of Universe (Big Bang) was only due to physics’ laws there was no any other phenomena except this<sup>56</sup>.”

Stephen Hawking says:

“Gravitational force was the main reason behind the creation of Universe except this there was nothing. Universe is created by the process of spontaneous such type of questions like: What was the reason behind the creation of Universe, How humans are formed, are not important for us. There is no need to call any God for the light of ‘blue touch paper’ or to run the Universe<sup>57</sup>.”

God created this universe in past by word can anyone believe on that? If Universe is expanding so it could be due to its body these conditions would be due to which Universe was started. Universe was created just after Big Bang can anyone believe in that or just to show that Big Bang was happen after this. But it is illogical that it has happened before the Big Bang!<sup>58</sup>.

If anyone will be successful in finding a complete theory of making of universe then it should be understandable for everyone not only for selective scientists with the passage of time. Why this Universe and humans created? If we are able to get answer of this question so it will be the success of human mind, that’s why we should understand the mind of God!<sup>59</sup>.”

### **Astrophysicists’ views about creation of Universe**

Dr. Robert Jastrow about creation of Universe:

“Now astronomers are saying that they wrapped up their selves in one opinion by proving that Universe was started by suddenly and due to this everyone can find about the reason behind the creation of humans, stars, planets and Universe, Now anyone including me just will say that behind the creation of Universe natural powers were included<sup>60</sup>.”

Gerald Schroeder (Gerald Lawrence Schroeder is an Orthodox Jewish physicist, author, lecturer and teacher at College of Jewish Studies AishHaTorah's Discovery Seminar, Essentials and Fellowships programs and Executive Learning Center, who focuses on what he perceives to be an inherent relationship between science and spirituality) about the creation of Universe:

‘The structure of Universe surprised the all who thought that Universe came to existence without any God's help it was just created with the help of physics' laws. Anyhow, Big Bang could be occurred without any help of God but it is necessary that these laws exist before of Universe. In addition if we talk about Time it is belongs to the creation of Universe. So if these laws were responsible in the creation of Universe, then it means that these laws should be exist before the Time. Scientifically it is impossible. Now it is similar to the Bible's concept that before Time nothing was possible!<sup>61</sup>.

Paul Davies (Paul Charles William Davies, AM (born 22 April 1946) is an English physicist, writer and broadcaster, a professor at Arizona State University as well as the Director of BEYOND: Center for Fundamental Concepts in Science) about the creation of Universe:

‘For the creation of Universe there is no need to impose forcefully that this Universe was created due to natural powers or by any one's will, but when we explain about the process of Universe's creation or Big Bang then we are helpless<sup>62</sup>.

### **Quranic views about the creation of Universe**

Here we are going to discuss few verses of “Quran Majeed” that describe about the creation of Universe:

"To Him is due the primal origin of the heavens and the earth: How can He have a son when He hath no consort? He created all things, and He hath full knowledge of all things<sup>63</sup>"

<sup>64</sup>, <sup>65</sup>, <sup>66</sup>"

“And the heaven.... We created with might, and indeed; We are (its) expander<sup>67,68</sup>”

### **Conclusion**

In view of the above detailed discussion, we can conclude that the Holy Quran thought revealed 1400 years ago at the age when the inhabitants being the Arab were unknown about the deep study of the Universe but besides this explained all the facts in short or detailed. This book is the collection of signs not Science. Because Science is based on observation and experiment which almost become changeable with passage of time. The Holy Quran gives strong

evidence based on revelation and neither moves back from its point of view. As long the Scientific views are concerned that are challengeable. The Scientific Theories of Big Bang, Black Hole, Expansion of Universe, Rotation and Circulation of Sun and other Stars and Planets, Creation of Universe and Seven Heavens are all just the theories which are modifiable one way or other. So, the discussion over these Cosmological factors in light of the Holy Quran does not mean that this is the final. There is a exists a view of change in these concepts as the Holy Quran is an external Divine Book which does not requires any Scientific justification.

## **References**

- 1        Gladders, M. D. (2007). Cosmological Constraints from the Red-Sequence Cluster Survey. *The Astrophysical Journal* , 128.
- 2        Surah Yunus 10:101
- 3        Surah Ankbut 29:20
- 4        Rafiq, S. (2017). Physics, Meta Physics and Cosmology in the Light of Holy Quran. *IST Journal on Business & Technology*
- 5        Faisal, Q. (2021). Comparison of Ayats of the Quran with Astrophysics, Quantum Physics, and Cosmology. *Journal of Quranic Sciences and Research* , 47-53
- 6        Muhammad Umer Farooq, D. S. (2020). Physical Phenomena: A Perspective of Quran and Modern Physics. *Al-Qamar* , 103-114.
- 7        Hafsa Qadir Buzdar, A. W. (2020). A Comparative Analysis Of Islam and Atheism in the Context of Big Bang Theory. *Zia e Tahqeeq* , 23-36
- 8        Overbye, D. (2017). Cosmos controversy: The universe is expanding, but how fast? *The New York Times*
- 9        Silk, J. (2009). *Horizons of Cosmology*. Templeton Press , 208
- 10       Singh, S. (2005). *Big Bang: The Origin of the Universe*. Harper Perennial , 560
- 11       A Comparative Analysis Of Islam and Atheism in the Context of Big Bang Theory. *Zia e Tahqeeq* , 23-36
- 12       O'Connor, J. R. (1996). *General relativity*. *Mathematical Physics Index*, School of Mathematics and Statistics, University of St. Andrews, Scotland
- 13       Pais, A. (1982). *Subtle is the Lord...: The Science and Life of Albert Einstein*. Clarendon: Oxford. Oxford University Press , 73
- 14       Hubble, E. P. (1929). A Relation between Distance and Radial Velocity among Extra-Galactic Nebulae. *Proceedings of the National Academy of Sciences* , 128
- 15       Surah Al-Fussilat 41:11-12
- 16       Surah Al-Anbiya 21:30
- 17       Surah Al-Imran 3:190

- 18     Surah Al‘rāf 7:54  
19     Surah Yunus 10:3  
20     Surah Hud 11:7  
21     Dar, J. A. (2019). Big bang: The Apologetic of Quran and the Will of God. *Philosophical Papers and Review* , 20-26.  
22     Surah Al-Bakara 2:29  
23     Surah Al-Fussilat 41:12  
24     Surah Al-Mulk 67:3  
25     Surah An-Noor 24:17  
26     Trimble, V. (1987). Existence and Nature of Dark Matter in the Universe. *Annual Review of Astronomy and Astrophysics* , 425-472  
27     Surah Ar-Ra'd 13:2  
28     Surah Lucman 31:10  
29     Physical Phenomena: A Perspective of Quran and Modern Physics. Al-Qamar , 103-114.  
30     Mohammad, I. (2021). The End of the Universe: Scientific Explanations Resonate with Al-Quran. Available at SSRN , 8-9  
31     Surah Al-Jathiyah 45:28  
32     Surah Al-Anbiya 21:104  
33     Mohammad, The End of the Universe: Scientific Explanations Resonate with Al-Quran, 2021  
34     Surah Al-An-Naba 78:19  
35     Surah Al-An-Naba 78:8  
36     Surah Al-Waqi'ah 56:75  
37     Surah Al-Waqi'ah 56:76  
38     Physical Phenomena: A Perspective of Quran and Modern Physics. Al-Qamar , 103-114.  
39     Stephen, H. (1996). *The Illustrated a Brief History of Time*. London: Bantam Press  
40     “Newton's Law of Gravitation”. (2020, December 15). Retrieved December 15, 2020, from Encyclopedia Britannica: <https://www.britannica.com/science/Newtons-law-of-gravitation>  
41     “Why do the Planets go Around the Sun?”. (2020, December 26). Retrieved December 26, 2020, from Space Place: <https://spaceplace.nasa.gov/review/dr-marc-solar-system/planet-orbits.html>  
42     Surah Ar-Ra'd 13:3  
43     Physical Phenomena: A Perspective of Quran and Modern Physics. Al-Qamar , 103-114.  
44     Surah Al-Anbiya 21:30  
45     Surah YaSin 36:81

- 46      Comparison of Ayats of the Quran with Astrophysics, Quantum Physics,  
and Cosmology. *Journal of Quranic Sciences and Research* , 47-53
- 47      Surah Adh-Dhariyat 51:47
- 48      Surah Al-Rahman 55:17
- 49      Surah Al-Bakara 2: 115
- 50      Drachmann, A. B. (1922). *Atheism in Pagan Antiquity*. Gyldendal.
- 51      Blackburn, S. (2008). *Atheism The Oxford Dictionary of Philosophy*.  
Oxford University Press.
- 52      A Comparative Analysis Of Islam and Atheism in the Context of Big  
Bang Theory. *Zia e Tahqeeq* , 23-36
- 53      Zuckerman, P. (2014). *Living the Secular Life: New Answers to Old  
Questions*. Penguin Books.
- 54      Zuckerman, *Atheism: Contemporary Numbers and Patterns*, 2007
- 55      A Comparative Analysis Of Islam and Atheism in the Context of Big  
Bang Theory. *Zia e Tahqeeq* , 23-36
- 56      Ibid
- 57      Mlodinow, S. H. (2010). In *The Grand Design* (p. 176). New York:  
Bantam Books.
- 58      Stephen, H. (1988). *A Brief History of Time*. New York: Bantam Books.
- 59      Ibid
- 60      A Comparative Analysis Of Islam and Atheism in the Context of Big  
Bang Theory. *Zia e Tahqeeq* , 23-36
- 61      Schroeder, G. *The Big Bang Creation: God or the Laws of Nature*.  
Retrieved 2015-05-01.
- 62      A Comparative Analysis Of Islam and Atheism in the Context of Big  
Bang Theory. *Zia e Tahqeeq* , 23-36
- 63      Surah Al-An'am 6:101
- 64      Surah YaSin 36:82
- 65      Surah YaSin 36:40
- 66      Surah Al-Anbiya 21:33
- 67      Surah Adh-Dhariyat 51:47
- 68      Surah Al-Anbiya 21:33