



**A LECTURE ON "ISLAM AND THE BIRTH OF SCIENCE"**

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**In the name of Allah, the Beneficent, the Merciful.**

All thanks and praises are due to Allah, the Creator and the Sustainer of the Universe and everything in it.

Brothers and sisters in Islam, distinguished ladies and gentlemen, it is indeed a great pleasure and an honour for me to be invited to participate in this august forum and moreover, share ideas on our Noble religion, Islam. It is at this point that I extend to you all here gathered, the Islamic Salutation As-Salamu Alaykum War- Rahmatul- Laahi Wa Barakatu Hu from Ghana and West Africa.

Ladies and gentlemen, ours is noble religion whose impact on the entire mankind is obvious even to the unlettered or the non-Muslim, basically because of its teachings, traditions and general life systems which are clear and unambiguous. It is also necessary to observe that the most fundamental purpose of Islam is to guide and groom its adherents into the best state of life possible, which is the state of perfection - "Ihsan". This guidance and grooming of our lives is contained in the Greatest Gift that Allah (SWT) has given to us through His Beloved Messenger and Slave, Muhammad (SAW), the Noble Quran. In this book, Allah has told us that He has not left anything of ours outside it (Relevant Qu0te) In Surat Al An'am (6:38)

وَمَا مِنْ دَابَّةٍ فِي الْأَرْضِ وَلَا طَائِرٍ يَطِيرُ بِجَنَاحَيْهِ إِلَّا أُمَمٌ ۗ<sup>٣٨</sup>  
أَمْثَلُكُمْ ۗ مَا فَرَّطْنَا فِي الْكِتَابِ مِنْ شَيْءٍ ۗ ثُمَّ إِلَىٰ رَبِّهِمْ يُحْشَرُونَ ۗ

This is why, ladies and gentlemen, discussing the Subject of Islam and the birth of science" is, for me, most refreshing because man's life basically depends on the dynamics of science, and also man's understanding of the world in which he is through science. It is no wonder therefore that Allah (SWT) desires to teach us science through the verses of the Quran, so that we will understand His Creation, get to know Him in that process and ultimately get closer to Him (Relevant Quote) In Surat Ali Imran (2:190)

١٩٠ إِنَّ فِي خَلْقِ السَّمَاوَاتِ وَالْأَرْضِ وَاخْتِلَافِ اللَّيْلِ وَالنَّهَارِ  
لَآيَاتٍ لِّأُولِي الْأَلْبَابِ

Distinguished ladies and gentlemen, if we at this point understand that our knowledge of science is a key factor on our way to knowing our Creator, then there is no doubt that the Quran is the most reliable source of scientific knowledge. Indeed, there is enormous scientific information in the Quran which guided and aided many Scientists and Scientific research activities in the last millennium. Scientific information in the Quran spans all areas of life and the physical world from agriculture through astronomy, biology, medicine, space science, mathematics and many other areas of engineering and technology, most of which was unknown to man at the time of its revelation. In fact, man's scientific knowledge of this world was then very limited, and in some cases primitive. It was the advent of Islam and the presentation of deep and fascinating scientific information in the Noble Quran which sparked off and stimulated interest in scientific research,

especially among Western Scholars some centuries afterwards. Perhaps, some examples of scientific knowledge in the Quran will help us appreciate this position.

## REFERENCES

In Surat Al Alaq (96:15-16)

١٥ كَلَّا لَئِن لَّمْ يَنْتَهِ لَنَسْفَعًا بِالنَّاصِيَةِ

١٦ نَاصِيَةٍ كَاذِبَةٍ خَاطِئَةٍ

Allah says " No! let him beware! If he desists not, we will drag him by the nasiyah (the forelock). A lying sinful forelock!". Here, the Quran is referring to the prefrontal part of the human brain (the cerebrum) which is responsible for foresight in relation to planning and execution of plans, both good and evil. It is also responsible for telling the truth or lies, according to research into the functioning of the human brain.

Next, in Surat Al Mu'minun (23:12-14)

١٢ وَلَقَدْ خَلَقْنَا الْإِنْسَانَ مِنْ سُلَالَةٍ مِنْ طِينٍ

١٣ ثُمَّ جَعَلْنَاهُ نُطْفَةً فِي قَرَارٍ مَكِينٍ

١٤ ثُمَّ خَلَقْنَا النُّطْفَةَ عَلَقَةً فَخَلَقْنَا الْعَلَقَةَ مُضْغَةً فَخَلَقْنَا الْمُضْغَةَ

عِظَامًا فَكَسَوْنَا الْعِظَامَ لَحْمًا ثُمَّ أَنْشَأْنَاهُ خَلْقًا آخَرَ ۚ فَتَبَارَكَ اللَّهُ أَحْسَنُ الْخَالِقِينَ

Allah says about the development of the human embryo (foetus); "we created man from an extract of clay. Then we placed him as (a drop) of sperm

in a place of rest, firmly fixed. Then we made the drop of sperm into a clot of congealed blood; then of that clot we made an alaqa (leech, suspended thing, blood clot), then we made the alaqa into a mudghah (chewed substance). This verse appropriately describes the stages of the development of the human embryo. These stages of the human embryo could only be seen and noticed through the use of advanced and sophisticated telescopes which did not exist at the time of the revelation of this verse of the Quran. Kindly permit me, ladies and gentlemen, to quote Dr. Keita Leon Moore, Professor Emeritus at the University of Toronto, Canada, who is well known for Clinical Anatomy in the faculty of Surgery in the same University. When in 1980 Professor Moore was approached by the Embryology Committee of the King Abdul Aziz University (in the kingdom of Saudi Arabia) for assistance, he said in his interpretation of certain verses in the Quran and Hadith which referred to human reproduction and embryological development. "I was astonished by the accuracy of the statements that were recorded in the 7th century A.D., before the Science of embryology was established. Again in 1981 during the 7th Medical Conference in Dammam, Saudi Arabia, he acknowledges the divine source of the Quran when he said "it has been a great pleasure for me to help clarify statements in the Quran about human development. It is clear to me that these statements must have come to Muhammad from God, because almost all of his knowledge was not discovered until many centuries later. This proves to me that Muhammad (SAW) must have been a messenger of God". It is also known that Dr. Moore has recorded words like "alaqa" and "mudghah" in his dictionary of embryology.

In the area of cosmology, the Quran has talked about the origin of the

Universe on the basis of which scientists are able to study and observe the formation of cosmic bodies like stars, planets etc. We read in Surat Al Fusilat (

١١ ثُمَّ اسْتَوَىٰ إِلَى السَّمَاءِ وَهِيَ دُخَانٌ فَقَالَ لَهَا وَلِلْأَرْضِ (41:11)

" ائْتِيَا طَوْعًا أَوْ كَرْهًا قَالَتَا أَتَيْنَا طَائِعِينَ "

Then He turned to the heaven when it was smoke ..", in Surat Al Anbiya

٣٠ أَوَلَمْ يَرَ الَّذِينَ كَفَرُوا أَنَّ السَّمَاوَاتِ وَالْأَرْضَ (21:30) we read :

كَانَتَا رَتْقًا فَفَتَقْنَاهُمَا<sup>ط</sup> وَجَعَلْنَا مِنَ الْمَاءِ كُلَّ شَيْءٍ حَيٍّ<sup>ط</sup> أَفَلَا يُؤْمِنُونَ

" Have not does who disbelieved known that the heavens and the earth were one connected entity, then we separated them?". This last verse obviously refers to the theory of the Big Bang.

Still on the subject of cosmology, the Quran mentions the idea of the expansion of the Universe which researchers confirmed as recently as 1929.

It says in Surat of Adh Dhariyat (51:47) : ٤٧ " وَالسَّمَاءَ بَنَيْنَاهَا بِأَيْدٍ وَإِنَّا لَمُوسِعُونَ " And the heavens we created with might and indeed we are (its) expander".

Amazingly, ladies and gentlemen, the Quran is in these verses telling us that the theories of the Big Bang and the Expansion of the Universe are co-related, and this was proved by scientists in the early 20th century. In 1912, for example, the America Astronomer, Vesto Slipher noticed that the galaxies were moving away from each other at huge velocities. These observations by Slipher provided the first evidence of the Expansion of the Universe. In 1929, another well-known Astronomer, Edwin Hubble, observing red shifts in the wave lengths of lights emitted by galaxies, found that the galaxies were not static but were instead actually moving away from

the earth and from each other at speeds proportional to their distance from the earth. This theory became part of the "Hubble's Law".

The related theory of the Big Bang states that 12 to 15 billion years ago, the Universe was one single hot and dense entity, and that something (perhaps a force) triggered it to explode, thereby bringing into existence all the celestial bodies like planets, stars and moons. This theory further states that the Universe thus created has since been expanding. It is obviously remarkable from this that the Quran mentioned the exact ideas centuries before the invention of the first telescope for cosmic observations. Today, the theories of the Big Bang and the Expansion of the Universe are accepted by the vast majority of cosmic scientists as astronomers.

Mentioning the Mercy of Allah to mankind Surat Al Fatir (35:12) unveils the distinction between water bodies. It says: ۱۲ وَمَا يَسْتَوِي الْبَحْرَانِ هَذَا عَذْبٌ فُرَاتٌ سَائِغٌ شَرَابُهُ وَهَذَا مِلْحٌ أُجَاجٌ وَمِنْ كُلِّ تَأْكُلُونَ لَحْمًا طَرِيًّا وَتَسْتَخْرِجُونَ حِلْيَةً تَلْبَسُونَهَا وَتَرَى الْفُلْكَ فِيهِ مَوَاجِرَ لِيَتَّبِعُوا مِنْ فَضْلِهِ وَلَعَلَّكُمْ تَشْكُرُونَ " Nor are the two bodies of flowing water alike. The one palatable, sweet and pleasant to drink, and the other salty and bitter. Yet, from each (kind of water) do ye eat the flesh fresh and tender and ye extract ornaments to wear, and thou seest the ships therein the plough the waves, that ye may seek (thus) of the Bounty of Allah that ye may be grateful". The two water bodies here imply the alkaline drinkable river water and the salines sea one which are chemically distinct from each other. And yet we also see a clear presentation of Aquatic life both water bodies. This is a clear and strong impetus is also seen similarly in Surat Al Yasin (36) verse 71-73 in which Allah says: ۷۱ أَوْلَمْ يَرَوْا أَنَّا خَلَقْنَا لَهُمْ مِمَّا عَمِلَتْ أَيْدِينَا أَنْعَامًا فَهُمْ لَهَا مَالِكُونَ

۷۲ وَذَلَّلْنَاهَا لَهُمْ فَمِنْهَا رَكُوبُهُمْ وَمِنْهَا يَأْكُلُونَ

۷۳ " See they not that it is We Who have created for them among other things which our hands have fashioned - cattle which are under their dominion? And that we have subjected them to their (use)? Of them some do carry them and some they eat. And they have (other) profits from them (besides), and they get milk to drink. Will they not then be grateful?".

Distinguished ladies and gentlemen, Marine conditions are not left out of the array of Quranic Scientific information. On this subject, the Quran is clear and emphatic about the extreme darkness in a deep sea or ocean. Surat An Nur (24:40) says; ۴۰ أَوْ كَظُلُمَاتٍ فِي بَحْرٍ لُجِّيٍّ يَغْشَاهُ مَوْجٌ مِنْ فَوْقِهِ مَوْجٌ مِنْ فَوْقِهِ سَحَابٌ ظُلُمَاتٌ " Or (the unbelievers State) is like the depth of darkness in a vast deep ocean, overwhelmed with waves topped by wave topped by clouds: depth of darkness, one above another; if a man stretches his hands, he can hardly see it! For to whom Allah does not give light, there is no light".

This description is the Quran couldn't be less accurate, for modern marine scientists have established that the darkness in seas and oceans starts from a depth of 200 meters from surface and that below a depth of 1000 meters, there is no light at all. In this case, it is established that human beings are not able to dive below 40 meters without the support of submarines or special equipment.

What is more amazing from this verse is the mention of "waves" beneath "waves" above which are "clouds". This suggests two sets of waves associated with Deep Ocean. The one set of waves above which are clouds are obviously the surface waves which we see. The second sets of waves

are therefore below the surface waves, and this set of waves, we cannot see. And truly to this by the Quran, Scientists have recently discovered that the deep oceans have internal waves which occur in interfaces between water layers of different densities. According to Scientists, the deep waters of oceans have high density as against the internal waves. But these internal waves cannot be seen with the human eye; they can only be detected by a study of changes in the temperature or salinity of the water of a given location.

Distinguished ladies and gentlemen, a high profile scientific information such as this about the ocean coming from the mouth of an unlettered person in the Arabian Desert in the 7<sup>th</sup> century can only be an unchallengeable proof that Allah (SWT) is teaching us science through the Noble Quran.

In a similar presentation about water bodies, the Quran has unambiguously told us in Surat Ar Rahman (55:19-20), and Surat Al Furqan (25:53) respectively that there exists a "barrier" or "a forbidden partition" between the two water bodies ie, alkaline and Saline. It says: مَرَجَ الْبَحْرَيْنِ يَلْتَقِيَانِ ١٩

بَيْنَهُمَا بَرْزَخٌ لَا يَبْغِيَانِ ٢٠ " He has let free the two bodies of flowing water, meeting together: between them is a Barrier which they do not transgress" (55:19-20). And also: وَهُوَ الَّذِي مَرَجَ الْبَحْرَيْنِ هَذَا عَذْبٌ فُرَاتٌ وَهَذَا مِلْحٌ أُجَاجٌ وَجَعَلَ بَيْنَهُمَا بَرْزَخًا وَحِجْرًا ٥٣ " It is He Who has let free the two bodies flowing water; one palatable and sweet and the other salty and bitter; yet has He made a barrier between them, a partition that is forbidden to be passed" (25:53).

Modern science has recently discovered the veracity of the scientific information contained in these verses as it established that each sea or ocean has its own temperature, salinity and density. A comparison has been

made between the Mediterranean Sea and the Atlantic Ocean waters in which it is found the Mediterranean Sea is warmer, more saline and less dense than the Atlantic Ocean. In this situation, it has been found that when the Mediterranean Sea water enters the Atlantic Ocean it covers several hundred kilometers in the Atlantic at a depth of 1000 meters and still maintains its warm, saline and less dense characteristics. In fact, even in the face of high waves, strong currents and tides in the two seas, their waters still don't mix; the barrier between them is respected.

In the subject of Weather or Meteorology, Surat An Nur (24:43) gives a vivid description of how clouds are formed and give us rain in the end. It says: ٤٣  
أَلَمْ تَرَ أَنَّ اللَّهَ يُزْجِي سَحَابًا ثُمَّ يُؤَلِّفُ بَيْنَهُ ثُمَّ يَجْعَلُهُ رُكَّامًا فَتَرَى الْوَدْقَ يَخْرُجُ مِنْ خِلَالِهِ وَيُنَزِّلُ مِنَ السَّمَاءِ مِنْ جِبَالٍ فِيهَا مِنْ بَرَدٍ فَيُصِيبُ بِهِ مَنْ يَشَاءُ وَيَصْرِفُهُ عَنِ مَنْ يَشَاءُ طَيِّبًا سَنًا بَرَقًا يَذْهَبُ بِالْأَبْصَارِ " Have you not seen how Allah makes clouds move gently, then joins them together, then makes them into a stack, and then you see the rain come out of it.....  
“The verse does not only mention cloud formation, but also hail and lightening from the clouds.

Modern Meteorologists only got to know these details about clouds, rain and lightening through the use of advanced equipment like airplanes, satellites, computers and balloons which they used to study wind movements, humidity variations and the levels and variations of atmospheric pressure in order to determine weather patterns and conditions.

In the scientific sense, the Quran is talking about what modern meteorologists call cumulonimbus clouds which usually reach a height of 25,000 - 35,000 feet (4.7 - 5.7 miles), ie like “mountains” as stated in the verse.

In the field of Geology, we find even more striking scientific information. This is specifically about the formation of mountains. On this subject, the Quran is quite explicit in its description of Mountains. It says in Surat An Nahl (16:15); وَأَلْقَىٰ فِي الْأَرْضِ رَوَاسِيَ أَن تَمِيدَ بِكُمْ وَأَنْهَارًا وَسُبُلًا لَّعَلَّكُمْ تَهْتَدُونَ (16:15); " And He has set firm mountains in the earth so that it would not shake with you.... ". The description is even deeper in Surat An Naba' (78:6-7): أَلَمْ نَجْعَلِ الْأَرْضَ مِهَادًا: ٦

٧ " Have we not made the earth as a wide expanse? And the mountains as pegs?".

The Significant ideas here are the description of mountains as "pegs" and as firmly set in the earth so that it does not shake. These descriptions clearly stress the stabilizing role of mountains in the movement of the earth which has been confirmed by the theory of Plate Tectonics from as recently as the late 1960's. Additionally, the description of mountains as pegs presupposed that mountains have roots beneath the surface of the earth because a peg normally has part of it sunk into the earth. This has been confirmed by several works on Geological Science, like " Earth Science" by Tarbuk and Lutgens, page 158; "Earth" by Press and Siever, page 413, "Anatomy of the Earth " by Cailleus, page 220, to mention just a few.

One other amazing piece of scientific information in the Quran is about the origin of iron on the earth. We see in Surat Al Hadid (57:25) that: ٢٥ لَقَدْ أَرْسَلْنَا رُسُلَنَا بِالْبَيِّنَاتِ وَأَنْزَلْنَا مَعَهُمُ الْكِتَابَ وَالْمِيزَانَ لِيَقُومَ النَّاسُ بِالْقِسْطِ وَأَنْزَلْنَا الْحَدِيدَ فِيهِ بَأْسٌ شَدِيدٌ وَمَنَافِعُ لِلنَّاسِ ..... " And we sent down iron in which there lies great force and which has many uses for mankind ..." The striking idea is there word "anzalnaa" which means "we sent down" in relation of the scientific characteristics of iron.

Modern astronomical findings have revealed that the iron in our solar system has come from giant stars in outer space because the temperature in the sun which stands at 6000 degrees Celsius on the surface and 20 million degrees Celsius in its core is inadequate to form iron. According to the findings, iron can only be formed in much larger stars than the sun in which temperature can reach a few hundred million degrees Celsius. It is at such temperature that iron is formed continuously until its volume can no longer be accommodated in the star in which situation the star explodes in what is termed a "nova" or super "nova". It is in such explosion that iron is given off into space to reach other planets including ours.

Lastly, but certainly not the least, distinguished ladies and gentlemen, I would like to touch on the subjects of History and Geography in the Quran.

The Quran's presentation of Historical information is intertwined with geographical information in Surat Ar Rum and Surat Al Kalf respectively whilst of Surat Yusuf is a remarkable historical account of specific events in a specific era several centuries before the revelation of the Quran.

In Surat Ar Rum (30:2-4) we read: غُلِبَتِ الرُّومُ ۚ

ۓ فِي أَدْنَى الْأَرْضِ وَهُمْ مِنْ بَعْدِ غَلَبِهِمْ سَيَغْلِبُونَ

" ۔ فِي بَضْعِ سِنِينَ ۗ لِلَّهِ الْأَمْرُ مِنْ قَبْلُ وَمِنْ بَعْدِ ۗ وَيَوْمَئِذٍ يَفْرَحُ الْمُؤْمِنُونَ

defeated in the lowest land, but after their defeat they will soon be victorious.

Within three to nine years, the decision of the matter, before and after, is with God". This verse, whilst talking about the defeat of the Roman, (Byzantine) Empire is actually referring to the Specific historical event in the 7<sup>th</sup> century AD in which they were severally defeated by the Persians. But the verse predicted the Romans would be victorious again.

This prediction came to pass about seven years after the revelation. In December, 627 AD, the Byzantines (Romans) won a decisive battle against the Persians in the area around the Dead Sea.

The Geographical fact in this verse is the mention of the location where the Romans were defeated, "the lowest land". The locations where the battles were fought lies in a vast area of low-lying land known as the Great Rift Valley around Damascus and Jerusalem. This Great Rift Valley which runs from Northern Syria in the Middle East of Asia to Central Mozambique in East Africa is a huge 5000 kilometer fault line in the earth's crust. The northernmost part of it runs through Syria, Lebanon, Palestine and Jordan. This rift also extends south to the Gulf of Aden making its way through East Africa, finally ending in the lower Zambesi River Valley in Mozambique.

A recent amazing discovery with the help of satellite images established that the area around the Dead Sea (located in the Great Rift Valley) has the lowest altitude on earth. In fact, it is generally accepted that the lowest point on Earth is the shoreline of the Dead Sea which has an attitude of about 400 meters below sea level.

In Surat Al Kalf (18:17) the Quran, again talking about the historical fact of the persecution of the followers of Nabiyyu Issah (A.S) and the escape of some youths to a cave, also describes the geographical location of the cave . It says: **وَتَرَى الشَّمْسَ إِذَا طَلَعَتْ تَزَاوَرُ عَنْ كَهْفِهِمْ ذَاتَ الْيَمِينِ وَإِذَا غَرَبَتْ تَقْرِضُهُمْ ذَاتَ الشَّمَالِ وَهُمْ فِي فَجْوَةٍ مِنْهُ ۗ ذَلِكَ مِنْ آيَاتِ اللَّهِ ۗ مَنْ يَهْدِ اللَّهُ فَهُوَ الْمُهْتَدِ ۗ وَمَنْ يُضِلِلْ فَلَنْ تَجِدَ لَهُ وَلِيًّا مُرْسِدًا** " Thou would have seen the sun when it rose declining to the right from their cave, and when it set, turning away from them to the left, while they lay in the open space in the middle of the cave. Such are among the signs of Allah; He whom

Allah guides is rightly guided, but He whom Allah leaves to stray for him will thou find no protector to lead him to the right way".

In the historical sense, the events which took the youth and their dog to the cave actually took place (according to research) in the reign of the Roman Emperor Decius (249 - 251 AC), a violent persecutor of Christians. The youths in the cave woke up in the reign of Emperor Theodosius II (408 - 450 AC).

All this time, the Holy Prophet (SAW) was not born yet: he was born in 570 AD and the Quran's revelation started in 610 AD. But the geographical fact in this verse is even more striking. Research has revealed that the cave is located in Ephesus (a famous city in Asia Minor) on latitude 38° North. The verse says that the youth were protected from the Sun from sunrise to sunset "whilst they lay in open space in the middle of the cave". Research has found that, this being so, the entrance of the cave opened to the North whilst the sunny part of it was to the South. And at latitude 38° North, Ephesus is well above the sun's northern declination, indicating that a cave located there with its entrance to the North will never have the heat of the sun in its interior. This is part of Allah's Guidance of the youths to such a location in order to protect them as part, His Mercy and Grace.

## **CONCLUSION**

Distinguished ladies and gentlemen, I will like to conclude, this discussion by observing that in the light of what has been discussed so far, the Quran has established a basis or a foundation for scientific research and the advancement of science and technology.

Indeed, the discovery of scientific information in it has stimulated the interest

of many modern scholars and institutions in verifying and or understanding such lofty ideas from our ancient Book. Here we can mention a few distinguished researchers around the world.

i) Dr. T.V.N. Persaud, Professor of Anatomy, Pediatrics and Obstetrics at the University of Minitobor, Canada, when asked about the scientific information in the Quran which he had researched said: The way it was explained to me was that Muhammad was a very ordinary man. He could not read and write. Infract, he did not sit in a classroom.

Dr. Persaud adds ... "14 hundred years ago .... You have someone making profound pronouncements and statements that are amazingly accurate about scientific nature. And I personally can't see how this could be by chance. There are too many accuracies and, like Dr. Moore, I have no difficulty in my mind that this is a divine inspiration or revelation which led to these statements".

ii) Dr. William W. Hay is a well-known Marine Scientist and Professor of Geological Science at the University of Colorado, U.S.A. After a discussion about the Quran's mention of recently discovered facts on seas, he said; " I find it very interesting that this sort of information is in the ancient scriptures of the Holy Quran, and I have no way of knowing where thy would come from, but I think it is extremely interesting that they are there and that this work is going on to discover it, the meaning of some of the passages".

iii) Dr. Yoshihida Kozai, Professor Emeritus at the Tokyo University and former Director of the National Astronomical observatory, has also acknowledge the Quran as a reliable source of scientific knowledge and a basis for research when he said: " I am very much impressed by finding true

astronomical facts in the Quran, and for us the modern astronomers have been studying very small pieces of the Universe. We've concentrated our efforts for understanding of a very small part.... so by reading the Quran and by answering to the questions, I think I can find my future way for investigation of the Universe".

iv) Shaykh Wahiduddin Khan.....

These and many other distinguished researchers and scholars have recognized that the scientific information in the Quran is not just amazing but rich and so advanced that it could only have come from a divine source for which reason they find it a great impetus to advance their research careers.

Finally, it is my humble supplication that Allah Almighty (SWT) Grants us the Mercy of understanding His Word, the Noble Quran and, in so doing, get to know Him better and ultimately draw closer to Him.

As - Salaamu Alaykum War - Rahmatul - Laahi Wa Barakaatu - Hu