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**Integration of Science and Religion and Its Impact on the World of
Education in Indonesia (Islamic Religion)**

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Abstract

Education is not only an activity to transfer knowledge, but to transform the values of truth, justice, honesty, education must also develop, can be through anything, one of which is through the integration of science and religion, where science and agam are collaborated so that it can add insight to science and add love to God who has created knowledge and others because in essence knowledge is only God who has and created. Therefore, this study aims to explain the results of research on the integration of science and religion and its impact on education in Indonesia, the method used in this study is qualitative through a literature study approach, the results of the discussion in this study illustrate that the integration of science and religion needs to be carried out properly so that it can add to broader science.

Keywords: integration, science, religion, education.

**Integrasi Sains dan Agama Serta Dampaknya Terhadap Dunia
Pendidikan Di Indonesia (Agama Islam)**

Abstrak

Pendidikan tidak hanya kegiatan mentrasfer ilmu semata, tetapi menstrasformasikan nilai-nilai kebenaran, keadilan, kejujuran, pendidikan juga harus berkembang, dapat melalui apa saja salah satunya melalui integrasi sains dan agama, dimana sains dan agam dikolaborasikan sehingga dapat menambah wawasan ilmu pengetahuan dan menambah kecintaan pada Allah yang telah menciptakan ilmu beserta yang lainnya karena pada hakikatnya ilmu itu hanya Allah yang punya dan ciptakan. Oleh sebab itu penelitian ini bertujuan untuk memaparkan hasil penelitianyan mengenai integrasi sains dan agama serta dampaknya terhadap pendidikan di indoneisa, metode yang digunakan pada penelitian ini adalah kualitatif melalui pendekatan sastra, hasil pembahasan pada penelitian ini menggambarkan bahwa integrasi sains dan agama perlu dilaksanakan dengan baik sehingga dapat menambah ilmu pengetahuan yang lebih luas.

Kata kunci: integrasi, sains, agama, pendidikan.

PRELIMINARY

The integration of science and religion has been widely discussed in recent years, along with the State Islamic University (UIN) in Indonesia discussing integration. Both the integration of science and religion as well as other integration. Geneologically, we can see this is the interaction of science and religion, on the one hand science where religious understanding is marginalized and on the other hand where the dimension of faith that can be understood textually is the religious side, which is always seen as inappropriate with the discussion of common sense. Even though science and religion both come from the same area, namely the "experience" of humanity. The experience in question can be *hushuli* or *hudhuri*. It is undeniable that science and religion are two things that play an important role in every human life. The development of science itself in today's modern world does not mean the decline of the influence of religion in every human life. Even now the trend of getting stronger science and religion is interesting to explore more deeply and of course attracts a lot of interest from many circles, especially if it is related to a customs or cultures.

Many still think that science and religion stand on their own axis or in their own place, because a field of science usually always relies on the existence of tested documents in order to ascertain whether it is "real" and what is not real, if religion is the opposite, religion is ready to accept something. the unseen and something that is not visible or uncertain and is based on "faith" and belief.

The contrast group sees religion and science as each having their own monotonous and separate problems, methods, areas of work. Even so, both sides must respect each other's integrity. Meanwhile, the contra support religion, exchanging views with science with the aim of enriching knowledge and seeking common ground between science and religion. [1]

There are also conflict groups who view religion and science as opposites. Both of them blame each other, even negate each other, and because of that it is not possible to bring together the opposing camps and conflicts. [1]

Looking at the history of the relationship between science and religion, it proves that in the book written by apostates in 2007 in his book between humans and religion, there is a clear separation of scriptures between science and religion which in the end causes chaos and damage and riots in many fields and will definitely be difficult to repair. Religion itself in terms of faith must be recognized through science or science, the faith which rejects the role of science creates blind fanaticism of its adherents.[2]

Many education observers reveal that education is a long-term investment for the survival of a nation. This is of course related to the belief that what will happen in the future cannot be separated from what is being done in the present through an educational process. Thus education itself must be implemented and must be able to create students who are ready to face a challenge that comes, both now and in the future.

When humans originally knew education, it was emphasized on a process of socialization and cultural unification of various forms with the aim of being able to transfer knowledge that is valuable and embraced by many people or society. As the life of a society develops, it will automatically develop a better educational process with the delivery of knowledge to students.

Education in Indonesia tends to always be dichotomous between general education

(science) and religious education. Of course, this greatly affects the way of thinking of the Indonesian people, so they see everything incompletely and cannot see it holistically and integratively. [3]

According to the author, education in Indonesia is still heavily influenced by the mapping between science and religion. And it is still very taboo about integrity because education in Indonesia has been embracing the dichotomy of science for too long, so that there is still very little understanding of integrity, especially about the integrity of science and religion in Indonesian education itself, moreover, there are still many teachers who are less capable in nurturing science and religion in learning. .

From the description above, this research will explore the integration of science and religion and their impact on education in Indonesia by finding several problems, namely:

- 1) What is the integration of science and religion?
- 2) How is the integration of Islam into education in Indonesia?
- 3) What is the impact of the integration of science and Islam on education in Indonesia?

RESEARCH METHODS

This study uses a qualitative method with a literary research approach to gain insight into the latest science and religion. This study was also conducted on the impact of integration on education in Indonesia. The source is a bibliography of online journal articles by performing eye scans on the journal. In addition, information is collected, processed or supported through books, websites, blogs, articles and other online materials related to the topic of this research.

Technically, qualitative research methods through literature studies are appropriate for the author because in writing this research, the authors do not interact directly or go directly to the field but by obtaining data through various literatures analyzed by researchers so that the suitable research method is qualitative through a literature study approach.

RESULTS AND DISCUSSION

Integration of Science And Religion

This term education is already familiar to the ears and in the vocabulary of society. Most observers agree that the most basic purpose of an education is to develop the potentials that already exist in humans as wide as possible in order to be able to solve the secrets that lie in this universe in detail. only cognitive or informative aspects. Instead, it must be equipped with various affective aspects that are continuous with spiritual, cultural and social reasoning. [3]

Education is a cultural medium that is useful for shaping human beings. The relationship between education and humans is very close, and cannot be separated. In Driyarkara's opinion, education is "humanization", namely as a medium and process of guiding young people to become adults, to become more human "humanists". [4]

Education not only distributes or transfers knowledge, but also provides the values of truth, honesty, justice, divinity and humanity into the minds and feelings of students. Education is also an interaction between one human being with another human being consciously. Education also functions to be able to prepare a student as a generation of humans who have knowledge so that they can face life in the future and can face the world

environment which is changing rapidly every day. [4]

In the discourse of science and religion, integration in its generic sense is an attempt to mix science and religion.[5]We have begun to understand the meaning of integration in general, although there are still many who do not understand it or have never even heard of the word integration. Integration is an attempt to combining something general-based science with religious science, such as the integration of science and religion, because it is impossible to eliminate both science and religion because the two influence each other in education in Indonesia, so that the implementation of an integration is expected to build a mutually supportive construction between science and religion. religion. [6] In an epistemological view, the integration of science and religion is something that is very possible to do, due to the connection of beliefs. In this case, science, the study of nature, is considered to be related to the concept of the one and only God, and the same is true in other branches of science. [6]

From some of the opinions above, it can be analyzed that in Indonesia itself it is very necessary to carry out integrations that are beneficial for many people, especially for students so that they add more knowledge and experience so that students who become the next generation of the nation can prepare for their future. even better.

Integration of Science and Religion and Their Impact on the World of Education in Indonesia (Islamic Religion)

Seeing the need for the integration of science and religion in education, it is very important in an integrative integrity of science and religion that is able to combine science and religion, for example combining science lessons with the creation of the universe from a religious perspective, but the combination is not just an ordinary mixing process. , as a process where knowledge can be absorbed by students. [7]

In this case, the integration of science and religion will always be easier if it is carried out in the realm of education, especially in schools, because teachers are directly face to face with students who will accept the implementation of the integrity of science and religion.

Integration of science and religion in education in Indonesia

- A. There are several steps that can serve as guidelines for the integrity of science and religion in education, namely:[7]
 - 1) Define scientific and Islamic concepts. Teachers need to be invited to travel together to the realm of science, by clarifying the themes or forms of science that exist in the realm of Islam.
 - 2) Combining scientific and Islamic concepts. Integrating here is looking for points of similarity between science and the religion of Islam. You can also emphasize the verses of the Qur'an and hadiths related to science.'
 - 3) Making the Qur'an a guardian of faithful scientific activities, and making the Qur'an and hadith not only as a complement to integrity but as a source of reference.
- B. According to Muhammad Sulaiman, the application of the integration of science and religion can be familiarized with every educational institution in order to support the main implementation of the integrity carried out on the basis of science, namely:[8]
 - 1) The dichotomy between religion and science or general science should be abolished

immediately

- 2) The purpose of learning religion and science or general is actually a synergy and binding competitiveness
- 3) The existence of the responsibility of educators as a guard of knowledge developers who come face to face with students.
- 4) Involving the educational environment in developing the integration of science and religion.

C. The steps used to integrate science and religion are as follows:[9]

- 1) Determine the topic to be taught. Topics must be broad so that students can understand and investigate various related topics.
- 2) Determine the concepts to be integrated and then make a list. These concepts are at the same time a benchmark in determining learning activities.
- 3) Determine what activities you want to do in order to investigate the concepts you want to study.

The word of science in the Qur'an

The verses below are some verses that can make it easier to integrate science and religion:[7]

Natural science

- 1) The origin of life from water (Sura al-Anbiya':30)
- 2) Various types of water as a source of life (Sura Thaha: 53; Surah Al-An'am: 99;)
- 3) The Animal World (Sura al Nazim: 45-46; Sura Zukulf: 12)
- 4) Hybridization of Plants and Animals (Surah Yasin: 36; Qs. Al-Hijr: 22)

Physics

- 1) Currently (Surah Al-Ahkaf: 35)
- 2) Atmosphere (Surah Fushshilat:12)
- 3) Sound waves (Sura al-Kahf: 26; Qs. Saba': 50);
- 4) Four. Thermal energy (Sure Yasin: 80; Qs. Waqi'ah: 71-73)

Mathematics

- 1) Use of numbers (QS. Al-Rahman: 5; QS. Al-Kahf: 11-12, 19,22)
- 2) Supplements and supplements (QS. Albacara: 261; QA Yusuf: 43)

Language

Communication with animals (Sura al-Naml: 16&18, QS. Al-An'am: 38)

Examples of the integration of science and religion in physics in the material of the solar system are as follows:

There are many examples of solar system phenomena even today, such as the movement of the sun, the movement of the moon, and the movement of the earth. All of these phenomena were created to give life and direction to Earth, and possibilities arose. We also saw amazingly detailed calculations and works of art. The Creator provides evidence of how omniscient, omnipotent, and kind the universe is. listed in QS. Al Ambiya':

وَهُوَ الَّذِي خَلَقَ اللَّيْلَ وَالنَّهَارَ وَالشَّمْسَ وَالْقَمَرَ كُلٌّ فِي فَلَكٍ يَسْبَحُونَ

33. In this verse Allah directs people's attention to His power in creating night and day, and the sun shining during the day, and the moon shining at night. Each of them circulates in its orbit in a vast expanse of space that only Allah knows the limits.

The impact of the integration of science and religion on education

According to the researcher, the impact of the implementation of the integration of science and religion on education is a positive thing and can be a breath of fresh air for the world of Indonesian education which has long adhered to the monart system in education, and also this integration of science and religion can be a forerunner to the presence of science and technology. new science that will be very useful for the future that will come by doing a good integration and does not exclude science and religion but encourages both to be closer in understanding the relationship between science and religion.

CONCLUSION

There is an inseparable relationship between science and religion. Epistemologically, the relationship between the two should not be understood as a contradiction, but as complementary or complementary, as a unity of science and religion. The development of science must link this growth with science so that it can be scientifically proven. The Qur'an and its meaning must be combined with science to prove its truth. The synthesis of science and religion produces transcendental science which is simultaneously supported by empirical and rational truth as the main measure of scientific greatness.

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