

# Aplikasi Pemikiran Islam Dalam Pendidikan Sains

## The Application of Islamic Thought in the Teaching of Science

Hamdi Rahman, M.Y. (Pengarang Penghubung)  
Akademi Pengajian Islam Kontemporari, Universiti Teknologi MARA Cawangan Perak,  
32610 Bandar Baru Seri Iskandar, Perak, Malaysia  
Tel: +6013-5848779 E-mel: hamdi105@perak.uitm.edu.my

Sofian Sauri, H.  
Fakulti Pengajian Islam, Universiti Sultan Azlan Shah Bukit Chandan  
33000 Kuala Kangsar, Perak, Malaysia  
Tel: +6019-7558595 E-mel: sofian@usas.edu.my

Mohd Zahirwan Halim, Z.A.  
Akademi Pengajian Islam Kontemporari, Universiti Teknologi MARA Cawangan Perak,  
32610 Bandar Baru Seri Iskandar, Perak, Malaysia  
Tel: +6019-2677081 E-mel: mohdz560@perak.uitm.edu.my

Paiz Hassan.  
Akademi Pengajian Islam Kontemporari, Universiti Teknologi MARA Cawangan Perak,  
32610 Bandar Baru Seri Iskandar, Perak, Malaysia  
Tel: +6019-6673578 Emel: paiz4186@perak.uitm.edu.my

Muhammad Yusri, Y.S.  
Akademi Pengajian Islam Kontemporari, Universiti Teknologi MARA Cawangan Perak,  
32610 Bandar Baru Seri Iskandar, Perak, Malaysia  
Tel: +6019-4495027 E-mel: yusri613@perak.uitm.edu.my

### Abstrak

Penulisan ini bertujuan memperjelaskan peranan pemikiran Islam dalam pendidikan Sains ke arah melahirkan saintis berjiwa ululalbab bertaraf ulama sebagaimana firman Allah (s.w.t) “Sesungguhnya mereka yang takutkan Allah di kalangan hambaNya ialah ulama” Al Quran (35:28). Fokus penulisan akan membicarakan konsep ulama serta menjelaskan kedudukan saintis Islam yang berusaha menyelidiki hukum alam demi kebaikan dunia dalam masa yang sama menjadikannya sebagai mekanisma mengenali Tuhan dan keagunganNya dan hubungan mereka dengan istilah tersebut. Ia juga akan memperjelaskan aplikasi proses tafakkur Islam di mana penyelidikan saintifik merupakan sebahagian daripada peringkat bertafakkur dengan objektif memahami rahsia

dan keindahan alam ke arah menghayati keagungan dan kesempurnaan Allah (s.w.t) dalam setiap penemuan tersebut. Penulisan ini juga akan menyentuh bagaimana penyelidikan saintifik menemui kewujudan dan keesaan Allah serta kebenaran Baginda Muhammad (s.a.w)

**Kata Kunci:** Pemikiran Islam; Sains, Ulama; *Ulul Albab*; Pengajian Sains

### Abstract

This paper intends to explain and deliberate on the role of Islamic thought in the teaching of science in the hope of inspiring scientists who will truly be imbued with the spirit and quality of “*ulul’ albab*”, the way Allah swt declares, “... Verily, those who fear Allah among His servants are the people of knowledge ...,” (Qur’an, 35: 28). This paper delves on the qur’anic meaning of ‘*ulama*’ (‘people of knowledge’), and explains the position of Muslim scientists who explore and investigate the laws of nature all for the sake and betterment of the world, while at the same time utilizing their investigation of nature to conceive and glorify God. It is also intended to illuminate on the nature and need to reflect in Islam such that the scientific effort to investigate and understand nature is in essence an act of mental and spiritual reflection that is much encouraged as a process and an expression of the human attempt to appreciate and internalize the majesty, greatness and supremacy of God that are ever present in every scientific discovery. Finally, this paper attempts to demonstrate how a scientific effort and investigation actually leads to the realization of the existence and the unity of God, as well as the truth about Muhammad, the Prophet of Islam.

**Keywords:** Islamic Thought; Science; *Ulama*; *Ulul Albab*; Teaching Science

### Rujukan

Abd Majeed Zindani, E. Marshal Johnson, Gerald C. Georing, Joe Leigh Simpson, Keith L. Moore, Mustafa A. Ahmad & T. V. N. Persaud (2000). *Human Development As Described in The Quran and Sunnah*. Makkah: Muslim World League.

Adnan al-Syarif (2000). *Min Ulum al-Ard al-Quraniyah*. Beirut: Dar al-Ilm Li al-Malayin.

Al-Alusi, Syihab al-Din (2000). *Ruh al-Ma‘ani fi Tafsir al-Quran al-Azim wa Sab‘u al-Mathani*. Beirut: Dar al-Ihya’ al-Turath al-Arabi

Al-Andalusi, Abu Hayyan (1993). *Tafsir al-Bahr al-Muhit*. Beirut : Dar al-Kutub al-Ilmiyyah.

Al-Baqqai, Burhan al-Din (t.t.) *Nazam al-Durur fi Tanasub al-Ayat wa al-Suwar*. Kaherah : Dar al-Kutub al-Ilmiyyah.

Al-Ghazali (2005) *Ihya’ ‘Ulum al-Din*. Beirut : Dar Ibn Hazm.

Al-Razi, Fakh al-Din (2000). *Mafatih al-Ghayib*, Beirut: Dar al-Kutub al-Ilmiyyah.

Al-Syahrastani. (2009.) *al-Milal wa al-Nihal*, Beirut: Muassasah al-Risalah Nasyirun.

Al-Tabari, A. J. (1998). *Jami‘ al-Bayan fi Ta’wil al-Quran*. Bayrūt: Dar al-Kutub al-Ilmiyyah.

Al-Ya‘qoobi. (2002.) *Tarikh al-Ya‘qoobi*. Beirut: Dar al-Kutub al-Ilmiyyah.

Hairudin Harun. (1992.) *Dari Sains Yunani Kepada Sains Islam*, Kuala Lumpur: Universiti Malaya.

Harun Yahya. (1999). *The Evolution Deciet*. United Kindom : Ta-Ha Publisher.

- Ibn ‘Abari. (2007). Tarikh Mukhtasar al-Duwal. Beirut : Dar al-Masyriq.
- Ibn Abi Usaibi‘ah. (2016). ‘Uyun al-Anbiya Fi Tabaqat al-Atibba’. Abu Dhabi: Dar al-Kutub al-Wataniyah.
- Ibn al-Kindi. (2009). Fadaail Misr al-Mahrusah. Maktabah al-Khaniji.
- Ibn Hibban. (1952). Sahih Ibn Hibban. Mesir : Dar al-Maarif
- Ibn Kathir. (1999). Tafsir al-Quran al-Azim. Beirut: Dar al-Kutub al-Ilmiyyah.
- Ibn Khaldun. (2001).. Tarikh Ibn Khaldun Beirut : Dar al-Fikr
- Ibn Qayyim al-Jawziyah. (2010). Miftah Dar al-Sa‘adah. Makkah: Dar Alim al-Fawa’id.
- Kevin Van Bladel. (2009). The Arabic Hermes. Oxford University Press
- Malik Badri. (2000) Contemplation, An Islamic Psychospiritual Study. Herndon : The International Institute of Islamic Thought.
- Mansur Hasabannabi. (1996a) al-Kawn wa al-I‘jaz al-‘Ilmi. Kaherah : Dar al-Fikr al-‘Arabi.
- Mansur Hasabannabi. (1996b) I‘jaz al-Quran Fi al-Afaq al-Zaman wa al-Makan. Keherah: Dar al-Fikr al-Arabi.
- Maqdisi. (t.t) al-Bad’u wa al-Tarikh. Port Said : Maktabah al-Thaqafah al-Diniyah.
- Sayyid Qutb. (1998). Fi Zilal al-Quran. Kaherah: Dar al-Syuruq.
- T. J. De Bour. (t.t.). Tarikh al-Falsafah al-Islamiyyah, Muhammad Abd Hadi Abu Raidah (Terj). Beirut: Dar al-Nahdah al-Arabiyyah.