

Masyarakat Saintifik Dalam Binaan: Renungan Dan Pemikiran (Malay Version)

Iqbal U*

History Programme, Faculty of Social Sciences and Humanities, National University of Malaysia, UKM 43650, Bangi Selangor, Malaysia

Book Review

The scientific community is quite foreign expressions in the dictionary of Malaysian society today. Campaigns are underway to implement the science and technology value in their daily lives in Malaysia. On this day there has been awareness to popularize science through science culture. This issue is an analysis of the main discussion point raised by the author to readers. Analysis starting from the public stage commenced in the Malaysian society to a more detailed analysis of the national education system related to science and technology. Definition of Western science also pared back by the author, which according to her should not be separated science from the socio-economic and religion dimension. This is necessary to ensure a more comprehensive and effective use of science and moving towards developed nation in Malaysia's own mold Malaysia. It is important to ensure that Malaysia is not deflected and face destruction as happened in Western countries.

The use of science and technology must be to the betterment of society and not to the destruction of society, values and religion. Hopefully, this book will showcase a new concept in the business culture of science in society. The aim of the author engaged in the scientific community is to understand the issues, problems and the process of developing a community concerned. Thought and reflection on the problems of science and technology has begun in the author minds since thirty years ago. The Malay community in particular and Muslim countries generally is late in science and technology. Due to this problem is at the level of society and the state, the author believes that the people themselves have an effect on the growth and development of local science and technology. This is what has prompted the author to understand the relationship between science, technology and society so we can think of strategies that can be taken if we want the community to advance in science and technology.

For the purpose of building a scientific community, the author thought and reflection covers three large areas of the society, science and education itself. Society is a system that has become the focus of attention of the author. The author tries to understand the issues and challenges facing society and how science and technology can help people develop them. Thinking is based more on analysis and reflection based on the circumstances in which the author has confronted since thirty years ago. Chapter 1 of the book begins with discussing the challenges faced by Muslims in modern society. This is followed by Chapter 2 that attempted to explain the scientific concept of the Muslim community. With a belief in science and technology is an important tool for development, in Chapter 3 the author questioned how science can be promoted. Are it's spontaneous or planned? Chapter 4 shows that the acculturation of science takes place through popularization of science. Finally for the science, technology and society section, the author discusses this in Chapter 5 the effect of the development of science and technology on social structure [1].

Part 2 looks at the suitability of the conditions and practices of science/physics play a role in the development of state and society. Discussed were the issues and internal problems in the organization

of science and technology can play an effective role in the development of society? What is needed is the current situation and practice in changing the philosophy of science organization, methods and also attitude. The practice and science activities at present separate from the social dimension. When organizations take into account the social aspects in science then only issue and related matters about social can be addressed.

Chapters 6, 7 and 8 focused on the discussion of the role of physics in the development of the concept of physics at the border and the shape and face of physics proposed by 2050. Chapter 9 discusses the design concept in Islam and its implications on the design of human invention. Next Chapter 10 discusses about the Islam value that should be incorporated in the development of science and technology driven. Values influence attitudes and types of actions to be taken by someone. The determination of the value of human integrity is not guaranteed. That is why the Quran and Sunnah as a reference for determining the value because Islam is often found to overcome the value of the human being. Thus for the author, the standard value is the value determined by Islam.

New ideas about science may not necessarily be appreciated or practiced as science practitioners do not necessarily have to follow and understand these new ideas. Part 3 focused on education as a human development strategy. After discussing the issues of science and society, issues in science organization should be sought solution. Chapters 12 and 13 reveal the back of perfection of education that is based on a certain philosophy. We also need to know and understand the ideas of science and education based on Islamic teachings, as discussed in Chapter 14. Chapter 15 discusses science education as a strategy to develop the human personality. Chapters 16, 17 and 18 were more focused on the question of the implications of the ideas contained in the chapters before. Chapter 17 discusses the need for Sociology of Science and Technology introduced to science students. Chapter 18 discusses the model of physical science undergraduate program model based on science, technology and society that have been discussed in earlier chapters. It is the author ambition for the proposed model accepted and practiced in order for future scientists to cope with coming days that are much more challenging.

References

1. (1995) Kuala Lumpur: Institut Kajian Dasar. pp: 289.

*Corresponding author: Iqbal U, History Programme, Faculty of Social Sciences and Humanities, National University of Malaysia, UKM 43650, Bangi Selangor, Malaysia, Tel: 60389215555; E-mail: uqbah@siswa.ukm.edu.my

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