



ISLAMIC WORLDVIEW

IT AND SOCIETY

Mohamad Fauzan Noordin
Roslina Othman | Akram M. Z. M. Khedher
Hazwani Mohd Mohadis | Najhan Muhammad Ibrahim



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PREFACE

The International Institute of Islamic Thought was established as an educational trust in 1981 to promote research and publications to aid in the education of the *ummah*. As part of its IOK agenda, the IIIT has consistently called for a critical evaluation of existing disciplines and their methodologies - a call for epistemological reform based on twin sources of knowledge i.e. revelation and the universe. The aim was to re-mould disciplines taught in universities that would project the Islamic worldview in those disciplines for the betterment of the *ummah* and humanity at large.

The late Ismail Raji al-Faruqi, one of the founders of the IIIT in his IOK-Principles and Workplan (1982) talked about the need to develop textbooks that required ‘mastery of both modern knowledge and Islamic heritage’ and based on a critical evaluation of both - to have creative synthesis. More recently another co-founder of the IIIT- the late AbdulHamid Abu Sulayman (who was 2nd Rector of the International Islamic University Malaysia from 1988-1998)- initiated the Textbook/Teaching Materials Project (TMP) that was meant to produce books to be utilised for courses being taught at the IIUM. This was backed up with generous research funding from the IIIT.

Since late 2017, the TMP has been introduced not only in the IIUM, but also in a few other institutions of higher learning. Funds are granted to academics teaching a specific course/s to produce a course-book that would be used as a main reference in a particular course/s. Proposals and manuscripts were reviewed and feedback conveyed to the author. In many ways, these books are still ‘a work in progress’. They are not meant for commercial purposes and have rather limited distribution. The aim is to utilise these materials in class, to receive further feedback from scholars and others and to keep improving these books until they become standard textbooks to be used in the courses taught.

The book that you have in your hands now is a result of these efforts. The IIIT East and SouthEast Asia Office is pleased to contribute to this project to realise the goals of its founders.

We look forward to constructive input for further improvement.

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ABOUT THE AUTHORS



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Prof. Datin Dr. Roslina Othman is a Professor at the Kulliyyah of Information and Communication Technology (KICT), IIUM, where she currently serves as Deputy Dean, Postgraduate & Research, KICT. Her academic and research expertise centres on data and knowledge management, semantic technologies, information retrieval, and the development of ICT applications for Islamic finance and banking. A leading scholar in semantic-based knowledge systems, she has contributed extensively to IIUM's research clusters

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ISLAMIC WORLDVIEW

IT AND SOCIETY

Islamic Worldview, IT and Society offer a comprehensive and value-driven exploration of technology in the modern era. Designed for students and educators, this book bridges the gap between technical understanding and ethical reflection by grounding Information and Communication Technology (ICT) within the holistic principles of the Islamic worldview.

The book introduces readers to key concepts such as tawhid, knowledge, wisdom, and Heartware, and demonstrates how these principles guide responsible engagement with technology. It provides clear explanations of fundamental ICT components—from hardware and software to emerging technologies like Artificial Intelligence, the Internet of Things, and the metaverse—while addressing real-world issues such as information disorder, digital ethics, online behaviour, cyber governance, and digital inequality.

Through accessible discussions, historical insights, and contemporary examples, this book encourages students to think critically about how technology shapes identity, culture, and society. It highlights both the opportunities and challenges of digital transformation, empowering readers to navigate the digital world with integrity, awareness, and purpose.

More than a technical guide, ***Islamic Worldview, ICT and Society*** inspire the development of ethical digital citizens who are equipped to use technology as a tool for knowledge, justice, and societal well-being in accordance with Islamic values. Whether used in the classroom or for independent study, this book serves as a timely and essential resource for understanding ICT through a balanced, meaningful, and spiritually grounded perspective.

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