

Green Technology and Governance in Mega Universities: Islamic Perspectives and Leadership Insights

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Information and Communication Technology : Distinguished Academic Leader

<https://doi.org/10.5109/7323427>

出版情報 : Proceedings of International Exchange and Innovation Conference on Engineering & Sciences (IEICES). 10, pp.23-24, 2024-10-17. International Exchange and Innovation Conference on Engineering & Sciences

バージョン :

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Keynote Speaker

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Short Biography

Professor Datuk Dr. Shahrin bin Sahib, FASc., PTech., Hon. MIIEM, is a highly esteemed academic and leader with an illustrious career spanning over 36 years. Born on July 23rd in Kampung Sepinang, Segamat, Johor, Professor Shahrin's journey in academia began when he graduated from Institut Teknologi MARA (ITM) in 1987 with distinction. He has since risen to the prominent position of the 7th Vice-Chancellor of Universiti Teknologi MARA (UiTM). Professor Shahrin's academic credentials are impressive. He holds a Ph.D. in Computer Science with a specialization in Parallel Processing from Sheffield University, UK (1995), an MSc in Electrical Engineering from Purdue University, USA (1991), and a BSc in Computer Systems Engineering from Purdue University, USA (1989). Additionally, he completed an Associate of General Studies with Distinction from the ITM/MUCIA Program at Indiana University-Purdue University Indianapolis (IUPUI) in 1987. Recognition for his contributions includes being named a Fellow of the Academy of Sciences Malaysia in 2018 and receiving an Honorary Doctorate from Tokushima University, Japan. Professor Shahrin began his academic career as a fellow at Universiti Sains Malaysia (USM) before serving at Multimedia University (MMU), where he played pivotal roles including Director of the Post Graduate Centre and Dean of the Faculty of Information Science and Technology. His efforts were instrumental in establishing MMU as Malaysia's first private university. In 2002, he joined Universiti Teknikal Malaysia Melaka (UTeM), where he held several key positions such as Deputy Dean and Dean of the Faculty of Information Technology & Communications. In 2014, he was appointed Vice-Chancellor of UTeM, leading the university to global recognition for its technical education excellence. His expertise extends beyond academia into national policy development for cybersecurity and ICT infrastructure through his involvement with Cybersecurity Malaysia and other national bodies. With over 140 technical papers published internationally, Professor Shahrin has supervised more than 40 undergraduate and postgraduate projects. His contributions to curriculum development have been instrumental at both national levels within Malaysia's higher education framework. Currently chairing the Ministry of Higher Education's Polytechnic & Community College Transformation Committee while actively contributing towards Cybersecurity initiatives across Malaysia demonstrates continued commitment towards advancing educational standards nationally and internationally.

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Abstract

The strategic importance of mega universities in advancing sustainability initiatives is paramount.

As substantial entities endowed with considerable resources and influence, these institutions possess a unique capability to spearhead the integration of green technology within their operational frameworks. This keynote speech analytically discusses the confluence of green technology and governance within mega universities, emphasizing Islamic perspectives and leadership insights. By scrutinizing critical initiatives and underlying principles, this speech aims to underscore how these academic giants can exemplify models of sustainable development, thereby setting benchmarks for broader societal adoption.