

Prof. Ar. Dr. Abdul Razak Sopian

Kulliyah of Architecture and Environmental Design



Academic/Professional Qualification

PhD (Arch.) FAB (UTM), B.Arch.(Hons)(Dundee,UK),BSc. HBP/Arch (USM),
Pg. Dip. IRK (IIUM). Professional Architect (LAM A/A 154),
Corporate member (PAM M2089)

Expertise

Architecture & Construction, Natural Ventilation, Thermal Comfort & Energy in Buildings
Wind Engineering & Computational Fluid Dynamic

Research Interest

Environmental Sustainable Habitat, Sustainable Development, Residential Energy
Conservation, Building and Construction, Heritage and Conservation, Housing

Email: arazaks@iium.edu.my, arazaks69@gmail.com

Contact No.: 03-6196 5259/ 5220/ 5221, 012-2970778

Profile

Ar. Dr. Abdul Razak Sopian is a Professor at Department of Architecture, Kulliyah of Architecture & Environmental Design. Currently he is the Dean at Kulliyah of Architecture and Environmental Design, IIUM. He graduated his first degree in Housing Building & Planning (Hons.), USM in 1993, majoring in Architecture and graduated his Bachelor of Architecture degree from University of Dundee, UK in 1995. In 2003 he obtained his Ph.D. in Architecture from UTM. Professionally he is a registered Professional Architect with Lembaga Arkitek Malaysia (LAM A/A 154) and Corporate Member of Pertubuhan Arkitek Malaysia (PAM M 2089). His areas of specialization are environmental engineering (natural ventilation & thermal comfort, energy and passive design strategy), Computational Fluid Dynamic (CFD) and housing (High and low rise residential building).

He has published more than 50 articles in reputable international (ISI and Scopus) and local refereed journal as well as presented in many national and international seminars. He also published a numbers of book in the area of his interest such as in architecture, conservation and heritage. Active in research with novelty ideas and product has lead him in participation and won several awards at university, national and international level research exposition such as in IRIIE (IIUM Research, Invention and Innovation Exhibition), ITEX (International Invention and Technology Exhibition), and SIF (Seoul International Invention Fair). Currently he is also conducting few researches on his area of specialization, among others are as follows; CFD Investigation on the Potential of Solar Induced Ventilation in Enhancing the Stack Ventilation Performance for Hot and Humid Climate. Thermal Performance of Green Wall in Tropical Climate and Possibility of Using Ventilated Facade in Reducing the Indoor Air Temperature of Malaysian Building. In term of supervision, he has and in progress supervising more than 20 postgraduate and more than 50 undergraduate students in IIUM and also outside IIUM as external supervisory committee.

Being a registered professional architect, he is actively involved in related consultancy under the university business arm. Even prior to his appointment as IIUM academic staff in 1989, he has served few public and private organization such as CIDB (Construction Industry Development Board Malaysia) and Architect firms until he successfully setting up his on private practice namely Dr. Abdul Razak Architect. Currently he is involved with the development of IIUM teaching hospital in Kuantan, few Endowment fund Mahallah projects namely Mahallah Syeikh Humaid and LTAT and preparing comprehensive Bako peninsular master plan for Sarawak government. Other consultancy project that he is involved covers residential, commercials and institutional projects either for private and public clients. Because of his vast experience in academic and practice, he was and currently appointed as Committee, Advisor and Board Member as well as External Examiner in many universities and school of architecture locally and internationally such as university of Punjab, University of Kyoto, UCSI, City U, Geomatica College, USM, UKM, UPM, UTM, USIM and UiTM. In Lembaga Architect Malaysia, he is also one of the accreditation committee members for part 1 and part 2 Architecture programme. Working closely with Standard Malaysia and SIRIM as Technical and Working Group committee since 1999 has given him an opportunity to contribute and develop more than 25 Malaysian Standards that related to energy efficient such as MS 1525:2001/2007/2014 Code of Practice on Energy Efficiency and Use of Renewable Energy for Non-Residential Buildings.

