



Dr. Mohamad Fakri Zaky Ja'afar

Qualification:

PhD, Built Environment, Unviersity College London, UK
B. Arch, Unviersity of Manchester, UK
B.A. (Hons), Unviersity of Manchester, UK

Working Experience:

Faculty of Design and Architecture, Universiti Putra Malaysia
DeNan Architect
KHP Architect, Melaka
Design Management Practice, Kuala Lumpur

Field of Specialization:

Thermal comfort, energy efficient building, Indoor environmental Quality, Green Building Rating, Green Buidling Index facilitator. Innovation management.

Research Areas of Interest:

Indoor environmental Quality, Thermal Comfort, Energy Efficient buildings, green building



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Dr. Mohamad Fakri Zaky Ja'afar is a Senior Lecturer at the Department of Architecture, Faculty of Design and Architecture (FRSB), UPM. He graduated from the University of Manchester, UK, with a Bachelor of Arts in Architecture in 1993 and Bachelor of Architecture in 1996. Immediately upon graduation, he worked as a graduate architect with a few architectural firms in Kuala Lumpur and Malacca before joining UPM in 1999. In 2009, he completed his doctorate in Built Environment at the University College London in the UK, specializing in thermal comfort in homes. In the department, he teaches Environmental Physics, Design Studios and Advance Building Technology. He has conducted a few research projects especially in the environmental science and he has several PhD and Masters Students working under him in his research activities.

His research includes mixed mode ventilation, daylighting, thermal comfort, radiant barrier system, building simulation and virtual city framework amongst others. His other areas of interest are affordable housing, self-build housing

and sustainable developments and his findings are published in several local and international academic journals. He is also an accredited Green building Index Facilitator, consulting on several green building projects. Working in these areas, he emphasizes the need to inculcate the green agenda in his teaching. In 2010, he was appointed as the Deputy Dean for Research and Innovations, FRSB, UPM.

As well as being an academician, he also shows interest in entrepreneurial ventures. He was instrumental in the setting up of the consultancy model in the faculty. In 2012, he was appointed the first director of Putra Design Nucleus, the commercial and industrial engagement unit for the faculty. Currently, he holds the position as the Deputy Director of Innovation Promotion and Marketing, at Putra Science Park, the university's commercialization arm. He is responsible for promoting the university's innovations to be adopted by the industry.