



Fakulti
Senibina,
Perancangan
dan Ukur

Academic Curriculum Vitae

Elma Dewiyana Ismail

Lecturer, FSPU

Centre of Studies for Building Surveying
Faculty of Architecture, Planning and
Surveying Universiti Teknologi MARA,
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Selangor, Malaysia.

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Areas of Expertise

Building Information Modelling, Heritage Buildings

Personal Information

Elma Dewiyana Ismail
Centre of Studies for Building Surveying

Academic Qualifications

Master in Heritage Conservation and Management 2018, UiTM
Degree in Building Surveying 2013 Diploma in Building
Surveying 2000

Professional Members

None

Teaching and Learning

1. BSR402 - BUILDING CONSTRUCTION AND MATERIALS I
2. BSR514 - INTRODUCTION TO BUILDING INFORMATION MODELLING
3. BSR452 – BUILDING CONSTRUCTION AND MATERIALS II
4. BSR401 – ENVIRONMENTAL SCIENCE AND SERVICES 1
5. BSR 505 - BUILDING PATHOLOGY 1
6. BSR 555 - BUILDING PATHOLOGY 2
7. STRUCTURE 1
8. BSR 453 - BUILDING DESIGN 1

Student Supervision 2019660074 MUHAMMAD TAQIYUDDIN BIN MOHD IQBAL

- Management Issue of Maintenance On Heritage Building In Malaysia. Main Supervisor
1. 2019695188 HAZAD HAFIZ BIN HAIRUDIN Challenges of Implementing Sustainable Construction In Malaysia Housing Industry. Main Supervisor
 2. 2018259778 SITI ZULAIKHA BINTI HAMSAH Building Survey On The Building Material Is Hazardous For Health Main Supervisor
 3. 2018680182 NORMAHUZA BINTI ZUL HILMI Benefits and Challenges of BIM for AEC industries in Malaysia. Main Supervisor
 4. 2018266124 NUR FARHANA BINTI MUHAMMED FARIS Study Of The Implementation Process Of BIM In Construction Projects Main Supervisor
 5. 2018234678 SYAZA SYAHIRAH BINTI SALLEH Causes of Scaffolding Accident in Construction Sites. Main Supervisor

Publications

1. Robiah Abdul Rashid, Ahmad Sharim Abdullah, Elma Dewiyana Ismail, 2013, Adaptive Re-Use of Heritage Buildings in Malaysia- Constraints and Challenges, CoAST 2013, Co-Author.
2. Robiah Abdul Rashid, Elma Dewiyana Ismail, Ahmad Sharim Abdullah, Mohamad Nidzam Rahmat, 2013, Transfer of Development as A Tool in Heritage Building Conservation in Kuala Lumpur , CoAST 2013, Co-Author.
3. Ismail, Elma Dewiyana; Ibrahim, Najib; Hajar, Nur Hidayah (2016) Daylight Factor on Natural Lighting Analysis Simulation of an Adaptive Reuse Building: Penaga Hotel, Penang Advanced Science Letters, Volume 22, Numbers 5-6, May 2016, pp. 1120-1124
4. Hasnizan Aksah, Md Najib Ibrahim, Elma Dewiyana Ismail, Siti Hajar Rahim (2016) Functional Performance from the Perspective of Building Management Team Asian, Journal of Quality, Vol 1, No
5. Elma Dewiyana, Najib Ibrahim, Nur Hidayah Hajar (2016). The Green Aspects of Adaptive Reuse of Hotel Penaga. Procedia - Social and Behavioral Sciences, Volume 222, 23 June 2016, Pages 631-643

Research Grants and Contracts

1. 600-IRMI/MyRA 5/3/LESTARI (K) (236/2017) APPLICATION OF BUILDING INFORMATION MODELING (BIM) FOR SUSTAINABLE CONSERVATION IN MALAYSIA ELMA DEWIYANA BINTI ISMAIL (L)
2. 600-IRMI/DANA 5/3/SINERGI (005/2017) INTELLIGENT HOLISTIC SUCCESS MODULE (IHSM) AHMAD ASARI BIN SULAIMAN (PROFESOR MADYA IR.TS.DR)
3. 600-IRMI/MyRA 5/3/LESTARI (K) (238/2017) FACILITIES MANAGEMENT RELEVANT COMPETENCIES ASSESSMENT FOR MALAYSIAN PUBLIC UNIVERSITIES : A CASE STUDY OF UNIVERSITI TEKNOLOGI MARA
4. 600-RMI/RAGS 5/3 (196/2013) GREEN HERITAGE BUILDING MODEL ELMA DEWIYANA BINTI ISMAIL (L)
5. 600-RMI/RAGS 5/3 (175/2013) NEW SUSTAINABLE HERITAGE-LED URBAN REGENERATION MODEL
6. 600-RMI/RAGS 5/3 (186/2013) RESIDENTIAL BUILDING MAINTENANCE MANUAL FRAMEWORK
7. 600-RMI/RAGS 5/3 (195/2013) REFURBISHED HISTORICAL BUILDING FUNCTIONAL EVALUATION MODEL
8. 600-RMI/DANA 5/3/RIF (856/2012) CLIMATE CHANGE IN HISTORICAL AREAS ELMA DEWIYANA BINTI ISMAIL (L)

Consultation & Expertise

PROJEK PEMBANGUNAN PELAJAR 2017

Innovation, Commercialization & Entrepreneurial

MASS-CUSTOMIZE PERSONAL ITEMS Entrepreneurship Acculturation Program & OCOSOP Workshop
Bronze Faculty

Services & Administration

Penasihat Persatuan
Resource Person
Timbalan UKK

Work and Collaboration Experience

None

Awards & Recognitions

Anugerah Penasihat Persatuan Terbaik
Anugerah Pekerja Cemerlang 2017

Contribution to Society

1. CSR program in Kampung Orang Asli Gerachi Jaya (2019)
2. Covid19 donation drive for Asrama Anak Yatim Sekendi (2020)
3. Buy and donate program for building concrete bridge in Jambongan Island, Sabah (2020)

Other Activities

None