

CURRICULUM VITAE



A. **PERSONAL DETAILS**

1. Name : Shafienaz Ismail
2. Date of Birth : 04-08-1981
3. Sex : Female
4. Office Address : Faculty of Civil Engineering, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia
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<https://tinyurl.com/y7gj77av>



<https://tinyurl.com/yc2hvbae>

B. **BRIEF PERSONAL HISTORY**

Shafienaz Ismail obtained her diploma and Bachelor's degree in Civil Engineering from Universiti Teknologi MARA (UiTM), Malaysia in 2002 and 2005 respectively. In 2006, she received a Master Science's degree in Structures Engineering from Universiti Teknologi MARA (UiTM), Malaysia. She has been serving UiTM since July 2006 as a senior lecturer at the Faculty of Civil Engineering. Her research interest includes smart-material engineering, sustainable-waste material, finite element method, earthquake engineering and engineering education.

C. ACADEMIC QUALIFICATION

No.	Name of Institution	Degree/Qualification	Date awarded
1.	Universiti Teknologi MARA, Malaysia	MSc. in Structures Engineering	2006
2.	Universiti Teknologi MARA, Malaysia	Bachelor of Engineering (Hons.) Civil	2005
3.	Universiti Teknologi MARA, Malaysia	Diploma in Civil Engineering	2002

D. WORKING EXPERIENCE

1.	2016-Present	Senior lecturer, Faculty of Civil Engineering in Universiti Teknologi MARA (UiTM) - Teaching structural engineering subjects such as determinate and indeterminate structures, statics and dynamics, mechanics of structures, computational analysis method for engineers, reinforced concrete design, and supervising final year project students
5.	2013-2014	Teaching Assistant - University of Auckland, New Zealand
8.	2003-2007	Trainee – Akitek Juarareka Sdn. Bhd. Selangor, Malaysia. Ismail Hashim Architect, Selangor, Malaysia.

E. PROFESSIONAL QUALIFICATIONS

1. Member, Persatuan Konkrit Malaysia - Since 2008
2. Member, Malaysian Structural Steel Association (MSSA) - Since 2010
3. Graduate Engineer, Board of Engineers Malaysia (BEM) - Since 2007
4. Graduate Member, The Institution of Engineers Malaysia (IEM) - Since 2009

F. AREA OF RESEARCH

smart-material engineering, sustainable-waste material, finite element method, earthquake engineering and engineering education.

G. RESEARCH GRANTS

1. IRDC: THE PROBABILISTIC SEISMIC HAZARD ANALYSIS (PSHA): ASSESSMENT ON SITE SPECIFIC RESPONSE SPECTRUM ACCELERATION OF UiTM PENANG DUE TO SUMATRAN EARTHQUAKE (Principal researcher) RM-Self Funding (2007-2009).
2. FRGS: EFFECTIVENESS OF GLASS FIBRE REINFORCED PLASTIC (GFRP) FOR DOWEL-TYPE TIMBER CONNECTIONS. (Member) RM80,000 (2007-2009).
3. FRGS: MATHEMATICAL WITHDRAWAL CAPACITY MODELS OF EXTERIOR TIMBER DECKING (Member) RM60,000. (2019-2021).
4. MTRA PERDANA: GREEN POLYMER COMPOSITE (GPC) STRENGTH CHARACTERISTIC FROM SELECTED TROPICAL TIMBER SPECIES. (Member) RM33,700 (2018-2019).

H. SELECTED PUBLICATION

1. 2018-10-05 Utilisation of Palm Oil Fuel Ash (POFA) as Cement Replacement by using Powder and Liquidation Technique
M. N. M. Sidek, N. H. Hashim, S. R. Rosseli, M. R. M. Nor, S. Ismail, H. M. Saman, M. F. Arshad, A. Alisibramulisi, and F. Zainudin. AIP Conference Proceedings
2. 2017-06-21 Optimisation Of Pervious Concrete Mix Design By Using Different Level Of Viscocrete
Afifudin Bin Habulat, Muhd Norhasri Bin Muhd Sidek, **Shafienaz Binti Ismail**, optimisation of pervious concrete mix design by using different level of viscocrete, ,FACULTY OF CIVIL ENGINEERING,FACULTY OF CIVIL ENGINEERING
3. 2015-10-26 Potential Use Of Rice Husk Ash And Coconut Shell As Soil Admixture In Road Construction
Rozaini Binti Ramli, Azura Bt Ahmad, Nor Janna Binti Tammy, **Shafienaz Binti Ismail**, Siti Akmalina Rahmat potential use of rice husk ash and coconut shell as soil admixture in road construction, ,RMU UiTM Pulau Pinang,Dewan Besar UiTM Pulau Pinang
4. (2015-01-01). LCCEEET: A Guide To Instill Change
Am Muhammad, Ahmad Mazli Muhammad, A.mazli Muhammad, Mazli Ahmad Muhammad, Adzrool Idzwan Bin Ismail (dr), Fauziah Bt Noordin, Haslinda Yusoff, Mohd Ismail Bin Ramli (dr.), Mohd Jamil Bin Haji Mat Isa, Noormala Binti Amir Ishak, Noradzhar Bin Baba, Paramjeet Kaur A/p Shingara Singh, Roziah Binti Mohd Janor, Rozzana Binti Mohd Said, Ruhaya Binti Atan (prof.dr.), Salleh Bin Mohd Radzi, **Shafienaz Binti Ismail**, Sharipah Ruzaina Binti Syed Aris, Zainab Bt Haji Mohd. Noor, Zulkifli Bin Abd. Majid,-,lcceeet: a guide to instill change, Printing Unit UiTM

5. (2014-01-01). Public University Engagement In Disaster Resilience Management In The Malaysian Construction Industry
Zulkfli Bin Sapeciay, **Shafienaz Binti Ismail**, Faizul Ashraff Zulkifli,, public university engagement in disaster resilience management in the malaysian construction industry, Malaysian University Leadership Roles and Expectations: Engaging Values from Research Perspective, Education Malaysia New Zealand, pageno : 7

6. 2014-01-17 Architect-engineers-planners And Institutional Context: The Issues, Roles And Imperatives Towards Resilient Future
Nur Mohd Hussain, **Shafienaz Binti Ismail**, Marlyana Azyyati Binti Marzukhi, architect-engineers-planners and institutional context: the issues, roles and imperatives towards resilient future, ,EDUCATION MALAYSIA NEW ZEALAND & MALAYSIA-AUCKLAND POSTGRADUATE STUDENT ASSOCIATION,FACULTY OF ENGINEERING, THE UNIVERSITY OF AUCKLAND

7. 2010-02-24 Wind Loading Analysis To Rectangular Tall Residential Building Using Ms1553:2002 And Bs 6399 (part2):1995: A Case Study Of 21-stories Of A Condominium Project In Taman Tun Dr. Ismail, Kuala Lumpur
Suhailah Binti Mohamed Noor, Nor Hafida Binti Hashim, Syahrul Fithry Bin Senin, Hazrina Binti Ahmad, **Shafienaz Binti Ismail**, wind loading analysis to rectangular tall residential building using ms1553:2002 and bs 6399 (part2):1995: a case study of 21-stories of a condominium project in taman tun dr. ismail, kuala lumpur, ,UiTM Kedah,The Gurney Resort and Residences Penang

8. 2009-03-14 Effect Of Moisture Content Of Numerical Modelling Of Concrete Due To High Temperature
Ruqayyah Binti Ismail, **Shafienaz Binti Ismail**, Fariz Aswan Bin Ahmad Zakwan, effect of moisture content of numerical modelling of concrete due to high temperature, ,RESEARCH MANAGEMENT INSTITUTE (RMI),A'FAMOSA RESORT, ALOR GAJAH, MELAKA

9. 2008-12-12 The Probabilistic Seismic Hazard Analysis (psha): Analysis Of Seismicity Parameters And Maximum Moment Magnitude Due To Large Earthquake In Sumatera
Shafienaz Binti Ismail, Azmi Bin Ibrahim, Intan Shafika Binti Saiful Bahri, , the probabilistic seismic hazard analysis (psha): analysis of seismicity parameters and maximum moment magnitude due to large earthquake in sumatera, ,Department of Information Technology and Quantitative Sciences, Universiti Teknologi MARA, Penang, Malaysia ,UiTM Pulau Pinang

I. CONSULTANCY

1. Client: UCM CONSTRUCTION SDN BHD
Year: 2018
KHIDMAT TEKNIKAL & PERUNDINGAN BERKENAAN UJIAN LENTURAN DAN UJIAN TEGANGAN KE ATAS BRC
Memberi khidmat nasihat secara teknikal dan konsultasi dalam memberi solusi dalam ujian lenturan dan ujian tegangan BRC.

2. Client: AMREC-SIRIM, KULIM, KEDAH
Year: 2016-kini
KHIDMAT TEKNIKAL & PERUNDINGAN BERKENAAN COMPOSITE POLE TNB
Kolaborasi Penyelidikan bersama AMREC-SIRIM, KULIM, KEDAH dengan memberi khidmat nasihat secara teknikal dan konsultasi dalam memberi solusi dalam memperbaiki sistem dan mekanisme 'Composite Pole' untuk Tenaga Nasional Berhad (TNB)

3. Client: PDRM LANGKAWI, KEDAH
Year: 2011
KHIDMAT TEKNIKAL & PERUNDINGAN BERKENAAN TOWER AND CABIN TESTING AND COMISSIONING
Kolaborasi Penyelidikan bersama PDRM LANGKAWI, KEDAH dengan memberi khidmat nasihat secara teknikal dan konsultasi dalam memberi solusi dalam memperbaiki sistem dan mekanisme 'steel tower dan cabin' untuk PDRM Langkawi di Gunung Mat Cincang Langkawi, Kedah