



اَبُو سَيْدِي تَيْكُو لُو كِي مَبَارَا
UNIVERSITI
TEKNOLOGI
MARA

Universiti Teknologi MARA (UiTM)
40450 Shah Alam, Selangor Darul Ehsan,
Malaysia
UiTM Main: www.uitm.edu.my/
FKA: <https://fka.uitm.edu.my/>

CURRICULUM VITAE



A. PERSONALS DETAILS

1. Name : ASSOC. PROFESSOR Ts. DR. MOHD HISBANY MOHD HASHIM
2. Year of Birth : 1967
3. Office Address: Faculty of Civil Engineering, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia
4. Tel: : 603-55436423(office), 6017-4900078 (h/p)
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<https://prisma.uitm.edu.my/prisma/?doit=DirectoryStafByIdDetail&staffid=VmtaYVUxVnJNWEZXVkJaT1YcFDIRIV4YUc1TIZUbFNVRF3UFE9PQ>

B. **BRIEF PERSONAL HISTORY**

Mohd Hisbany Mohd Hashim obtained his BSc Degree in Civil Engineering from The University of Alabama, Tuscaloosa, Alabama, USA in 1992. In 2005, he received a Master of Engineering (Civil-Structure) degree from Universiti Teknologi Malaysia, Skudai, Johor, Malaysia. Subsequently, he obtained a Ph.D. in Civil Engineering from the same institution in 2005. He has been serving Universiti Teknologi MARA (UiTM) since August 1998 as a lecturer at the Faculty of Civil Engineering at various campuses throughout the UiTM system (Sarawak, Perlis, Pulau Pinang, the main campus Shah Alam). Prior coming back to the main campus in Shah Alam, Selangor in Mei 2020, he holds an administrative academic position as the Rector of UiTM Pulau Pinang Branch Campus between from Jan 1, 2018 until April 31, 2020 to serve at the University level. He also had an experience as the Head for Center of Studies, Structural and Material Engineering, Faculty of Civil Engineering, UiTM Shah Alam (2011-2018). Prior to joining the academia, he dedicated himself for 7 years in the construction and property development industry as Engineer and eventually Project Manager. His research interest includes structural strengthening and repair, fiber reinforced concrete, wind engineering (street canyon), and offshore engineering (burst pressure pipelines and marine engineering (hull structures), all of which related to FRP and steel fibers. He has published numerous papers related to these research interest as well supervising postgraduates' students.

C. RESEARCH INTEREST AND FIELD OF EXPERTISE

- Structural repair/strengthening with FRP
- Self-compacting Fiber Reinforced Concrete (wall, slab system)
- Wind Engineering - street canyon
- Offshore Engineering – pipelines integrity (FRP related)
- Marine Engineering – Hull structures/materials (FRP related)
- Mobile Bridge – Forest application (FRP related)

D. LIST OF SUBJECTS TAUGHT IN UNIVERSITY

Postgraduates

- Structural Rehabilitation and Retrofitting (ECS727)
- Advanced Mechanics of Concrete and Precast Structures (ECS716)

Undergraduates

- Mechanics of Solid (Strength of Materials) (ECS428)
- Structural Analysis (ECS468)
- Mechanics of Structures
- Engineering Materials
- Construction Management
- Building Services

E. ACADEMIC QUALIFICATION

No.	Name of Institution	Degree/Qualification	Date awarded
1.	Universiti Teknologi Malaysia, Skudai, Johor, Malaysia <i>(Durability and Performance of Carbon Fibre Reinforced Polymer-Concrete Bonding System Under Tropical Climates)</i>	PhD in Civil Engineering	2010
2.	Universiti Teknologi Malaysia, Skudai, Johor, Malaysia <i>(Coconut Fiber Reinforced Wall Paneling System)</i>	M. Engineering (Civil- Structure)	2005
3.	University of Alabama, Tuscaloosa, Alabama, USA	B.Sc. Civil Engineering	1992

F. PROFESSIONAL MEMBERSHIPS

Bil	Membership	Since Year	Institution
1.	Member	2021	Technological Association of Malaysia (TAM)
2.	Life Member	2021	International Engineering and Technology Institute
3.	Professional Technologist	2018	Malaysian Board of Technologist (MBOT)
4	Graduate Technologist	2018	Malaysian Board of Technologist (MBOT)
5.	Life Member	2004	Concrete Society of Malaysia (CSM)
6.	Graduate Member	1992	Board of Engineers Malaysia (BEM)

G. WORKS EXPERIENCE

NO	POSITION.	YEAR	ORGANIZATION/EMPLOYER
1.	Associate Professor, Faculty of Civil Engineering, UiTM Shah Alam	May 1, 2020 – present (Appointed Assoc Prof. since 2016)	UiTM Shah Alam
2.	Rector, UiTM Pulau Pinang Associate Professor, DM54	1 Jan 2018- 30 April 2020	UiTM Pulau Pinang (2.5 years appointment)
3	Head, Center of Studies for Structural and Material Engineering, Associate Professor, DM54	Aug 2016 – Dec 2017	UiTM Shah Alam
4.	Head, Center of Studies for Structural and Material Engineering, Senior Lecturer, DM 52	Feb 2011- August 2016	UiTM Shah Alam
5.	Lecturer, DM 45 (Pensyarah)	2005-2010	UiTM PULAU PINANG , UiTM Shah Alam
6.	Junior Lecturer (Pensyarah Muda)	2005	UiTM PULAU PINANG , UiTM PERLIS
7.	Lecturer DM41	2002	UiTM SARAWAK
8.	Lecturer DM3	2000-2001	UiTM SARAWAK
9.	Lecturer DT3	1998	UiTM SARAWAK
9.	Project Manager /Assistant Project Manager/ Project Engineer	1992-1998	SAP HOLDINGS BHD, SELANGOR, MALAYSIA

H. RESEARCH PAPERS PUBLISHED IN JOURNAL/CONFERENCES

Journal

1. Al-Fakih, A., Hisbany Mohd Hashim, M., Alyousef, R., Mutafi, A., Hussein Abo Sabah, S., and Tafsirojjaman, T. (2021). Cracking behavior of sea sand RC beam bonded externally with CFRP plate. Structures, 33, 1578-1589. <https://doi.org/10.1016/j.istruc.2021.05.042> **{SCOPUS}**
2. Saleh, N., **Mohd Hashim, M.H.** and Mohamad, M.F. (2020), The influence of computational parameterization on mean flow and turbulence statistic in 2D idealized street canyon: Computational domain, CFD Letters. 12(7), 37-47. <https://10.37934/cfdl.12.7.3747> **{SCOPUS}**
3. Muhammad Nasyriq Abdullah, Aslina Abu Bakar, Ahmad Rashidy Razali, Amirudin Ibrahim, Najwa Binti Mohd Faudzi, **Mohd Hisbany Mohd Hashim** (2020) Outdoor Broadband Measurement of The Electromagnetic Field Strength In Uitm Cawangan Pulau Pinang Campus, Solid State Technology, 63(6) 15603-15615
4. Zulkifli, S. N. I., **Mohd Hisbany, M. H.**, Ismail, R., Zakwan, F. A. A., Hazrina, A., Ismail, B. N., & Rashid, R. S. M. (2020). Application of shape memory alloys (SMA) as a retrofit and strengthening component on reinforced concrete columns: Review paper. Journal of Physics: Conference Series, 1529(4) <https://doi:10.1088/1742-6596/1529/4/042104>. **{SCOPUS}**
5. Ali, S.N.A., Juri, A.M., Kamaruddin, K., **Mohd Hashim, M.H.** and Saman, H.M. (2020), "Evaluation of the Modulus of Elasticity for Dry Press Lightweight EPS Concrete", Key Engineering Materials. 853 165-170. <https://doi.org/10.4028/www.scientific.net/KEM.853.165>.
6. Saleh, N., **Hisbany Mohd Hashim, M.** and Faizal Mohamad, M. (2019), "CFD Letters Large-eddy Simulation of Turbulent Flow in an Idealized Street Canyon", CFD Letters. 11(11), 48-57. **{SCOPUS}**
7. Mohd-Rizuwan, M., **Mohd-Hisbany, M.H.** and Wan-Mohd-Shukri, W.A. (2019), Determining optimum CFRP laminate thickness for a mobile forest bridge girder, Journal of Tropical Forest Science. 31(3), 298-303. <https://10.26525/jtfs2019.31.3.298>. **{SCOPUS}**
8. Noorsuhada, M.N., Soffian Noor, M.N., Siti Norfahanim, A.M., **Mohd Hisbany, M.H.** and Norfaridah, M. (2019), Acoustic emission signals of pull-off test for concrete slab strengthened with cfrp using various surface preparations, Key Engineering Materials. 821 479-485. <https://10.4028/www.scientific.net/KEM.821.479> **{SCOPUS}**
9. Mohd Fodzi, N.H. and **Hashim, M.H.M.** (2019), "Structural effect of using steel fiber reinforcement on the punching shear of self-compacting fiber reinforced concrete (Scfrc) ribbed slabs", Materials Science Forum. 972 99-104. <https://doi.org/10.4028/www.scientific.net/MSF.972.99>. **{SCOPUS}**
10. Fodzi, N. H. M., & **Hashim, M. H. M.** (2019). Numerical analysis of punching shear failure of self-compacting fiberreinforced concrete (scfrc) ribbed slabs <https://doi:10.4028/>

www.scientific.net/MSF.972.93 {SCOPUS}

11. M. Fodzi, N.H., **Mohd Hashim, M.H.** and Mhd Radzi, M.S. (2019), "Testing setup to examine punching shear strength in Self-Compacting Fibre Reinforced Concrete (SCFRC) ribbed slabs", IOP Conference Series: Materials Science and Engineering. 615 012095. <https://oi.org/10.1088/1757-899x/615/1/012095>. {SCOPUS}
12. Ahmad, H., **Hashim, M. H. M.**, Bakar, A. A., & Rahman, F. A. (2019). Flexural performance of full and partially steel fibre reinforced self-compacting concrete (SCFRC) ribbed slab. Paper presented at the IOP Conference Series: Materials Science and Engineering, 615 <https://doi:10.1088/1757-899X/615/1/012094> {SCOPUS}
13. Ahmad, H., **Mohd Hashim, M.H.**, Abu Bakar, A. and Abdul Rahman, F. (2019), "Flexural performance of full and partially steel fibre reinforced self-compacting concrete (SCFRC) ribbed slab", IOP Conference Series: Materials Science and Engineering. 615 012094. <https://doi.org/10.1088/1757-899X/615/1/012094>. {SCOPUS}
14. Mishad, A., **Hisbany, M., Hashim, M.**, Ibrahim, A., Saidin, S.B., (2018) Bending performance of RC beams strengthened with near surface mounted carbon fiber reinforced polymer (CFRP) plate or rod under long term saltwater exposure. International Journal of Civil Engineering and Technology, 9 (8), pp. 304-317. {SCOPUS}
15. Ramli, R., & **Mohd Hashim, M. H.** (2017). Analysis of tensile strength of different combination of FRP material under seawater conditioning. Journal of Engineering and Applied Sciences, 12(17), 4320-4324. <https://Doi.org/10.3923/jeasci.2017.4320.4324> {SCOPUS}
16. Mishad, A., **Hashim, M.H.M.**, Ibrahim, A., Nafis, M. Flexural performance of reinforced concrete beams strengthened with double vertical carbon fiber reinforced polymer (CFRP) plate using near surface mounted (NSM) (2017) Advanced Science Letters, 23 (5), pp. 4458-4462 {SCOPUS}
17. **Mohd Hisbany Mohd.Hashim**, Abdul Rahman Mohd.Sam, Mohd Warid Hussin, Experimental Investigation on the Effect of Natural Tropical Climate on Interfacial Bonding Performance of CFRP-Concrete Bonding System, Journal of Engineering Science and Technology (JESTEC) , Vol. 11, No. 4 (2016) 584 - 604 {SCOPUS}
18. Noh, N.I.F.M., Ahmad, Z., **Hashim, M.H.M.** Moisture content assessment of heat treated malaysian timber: The case of keruing (Dipterocarpus sp.) and light red meranti (Shorea sp.) (2016) Journal of Engineering and Applied Sciences, 11 (8), pp. 1784-178 {SCOPUS}
19. Amir Syafiq Samsudin, **Mohd Hisbany Mohd Hashim**, Siti Hawa Hamzah, Afidah Abu Bakar and Mohamad Firdaus Mohamad, Modelling of Steel Fibre Reinforced Concrete Slab under Multiple Ribbed Condition, Advanced Material Research (AMR), Vol. 1134 (2015), pp 127-130, ISSN 1662-8985
20. Sharmilah A. Anuar, Nor Hayati Abd. Hamid, **Mohd Hisbany Mohd Hashim**, Comparison of Seismic behaviour for a Single Unit Tunnel From RC Building Before and After Repaired, Advanced Materials Research, Vol 905 (2014) pp 254-258 ISSN 1662-8985

21. **Mohd Hisbany Mohd.Hashim**, Abdul Rahman Mohd.Sam, Mohd Warid Hussin, Mohd Fadzil Mohd. Arshad, Structural Performance and Ductility of Fiber Reinforced Polymer Concrete Bonding System Under Tropical Climates, Jurnal Teknologi (Science & Engineering), Vol 61:3 (2013), p21-29 **{SCOPUS}** eISSN 2180–3722
22. **M.H.M. Hashim**, A.R.M. Sam and M.W. Hussin., The Future of External Application of Fibre Reinforced Polymer in Civil Infrastructure for Tropical Climates Region, International Journal of Mechanical and Materials Engineering (IJMME), Vol.6 (2011), NO. 2, 147-159 **{SCOPUS}**
23. **M.H.M. Hashim**, A.R.M. Sam, M.W. Hussin, and M.F Arshad Performance Of Carbon Fiber Reinforced Polymer-Concrete Bonding System Under Tropical Climates accepted for publication in the International Journal of Engineering and Technology (IJET) Volume No. 9, 2012, Issue 1.
24. Mohd Fadzil A., **Mohd Hisbany M.H**, Mazlina M., Norazlan K, Ridzuan A.R.M, M.R. Haziman, The Workability Properties Of Concrete Containing Recycle Fine Aggregate From Waste Cement International Journal of Engineering and Technology (IJET) Volume No. 9, 2012, Issue 2.

Proceeding

1. Mishad, A., **Hisbany Mohd Hashim, M.**, Ibrahim, A., & Newman, A. (2019). Double vertical carbon fiber reinforced polymer plates strengthened to reinforced concrete beams for six months saltwater exposure. Paper presented at the IOP Conference Series: Materials Science and Engineering, 513 (1) <https://doi.org/10.1088/1757-899X/513/1/012042>
2. Ahmad, H., **Mohd Hashim, M.H.**, Abu Bakar, A., Hamzah, S.H. Flexural behaviour and punching shear of self compacting concrete ribbed slab reinforced with steel fibres (2017) MATEC Web of Conferences, 138
3. Mohd Fakri Muda, **Mohd Hisbany Mohd Hashim**, Mohd Hairil Mohd. “Optimization Pith Depth Corrosion Prediction Model using Artificial Neural Network of Subsea Pipelines”. Conference of Green Technology & Sustainable Development (GTSD). 24 October 2018. Best Western Hotel. Shah Alam. 2018
4. Amirudin Mishad, **Mohd Hisbany Mohd Hashim**, Azmi Ibrahim. DOUBLE VERTICAL CARBON FIBER REINFORCED POLYMER (CFRP) PLATES STRENGTHENED TO RC BEAMS FOR SIX MONTHS SALTWATER EXPOSURE. 10th Asia Pacific Structural Engineering and Construction Conference 2018. UTM, CREAM and CIDB. 13-15 Nov 2018, Langkawi. Malaysia
5. Mohd Rizuwan M., **Mohd Hisbany M. H.**, Wan Mohd Shukri W. A., Hazrina A., “Static Stress Analysis Of Girder Cross Section For Mobile Forest Bridge”, Nexus Research Conference on Technology, Science, Engineering & Management (RCTSEM 2018), 28 October 2018. Flamingo Hotel, Ampang, Selangor
6. Amirudin Mishad, **Mohd Hisbany Mohd Hashim**, Azmi Ibrahim, Mohd Norazizi Marpi, REINFORCED CONCRETE BEAMS STRENGTHENED WITH NEAR SURFACE MOUNTED CARBON FIBER REINFORCED POLYMER (CFRP) ROD UNDER

SALTWATER EXPOSURE, INTERNATIONAL CIVIL AND INFRASTRUCTURE ENGINEERING CONFERENCE 2017 (InCIEC), Semarang, Indonesia, 2017

7. Hazrina Ahmad, **Mohd Hisbany Mohd Hashim**, Siti Hawa Hamzah, and Afidah Abu Bakar., (2017). Steel Fibre Reinforced Self-Compacting Concrete (SFRSC) performance in slab application: A review. In *AIP Conference Proceedings* (Vol. 1774, pp. 1–7). AIP Publishing. <https://doi.org/10.1063/1.4965080>
8. Ahmad, H., **Hisbany, M., Hashim, M.**, Bakar, A. A., Hamzah, H., & Rahman, F. A. (2017). Flexural Strength and Behaviour of SFRSCC Ribbed Slab Under Four Point Bending. In *AIP Conference Proceedings* (Vol. 1903, pp. 1–9). AIP Publishing. <https://doi.org/10.1063/1.5011494>
9. Ahmad, H., **Mohd Hashim, M. H.**, Abu Bakar, A., & Hamzah, S. H. (2017). Flexural Behaviour and Punching Shear of Self-compacting Concrete Ribbed Slab Reinforced with Steel Fibres. In *MATEC Web of Conferences* (Vol. 138, pp. 1–10). EDP Sciences. <https://doi.org/10.1051/matecconf/201713802010>
10. Rahman, F. A., Bakar, A. A., **Hisbany, M., Hashim, M.**, & Ahmad, H. (2017). Flexural Performance of Steel Fiber Reinforced Concrete (SFRC) Ribbed Slab with Various Topping Thicknesses. In *AIP Conference Proceedings* (Vol. 1903, pp. 1–6). AIP Publishing. <https://doi.org/10.1063/1.5011493>
11. Amiruddin Mishad, **Mohd Hisbany Mohd Hashim** and Azmi Ibrahim (2016), Flexural Performance of RC Beams Strengthened with Double Vertical Carbon Fiber Reinforced Polymer (CFRP) Plate Using near Surface Mounted (NSM) 2016 WORLD INTERNATIONAL CONFERENCE ON ISLAMIC SCIENCES 2016 (WICOIS 2016) 5 – 7 December 2016 | Kuala Lumpur, Malaysia
12. **Mohd Hisbany Mohd Hashim**, Nauwal Suki, Afidah Abu Bakar, Near Surface Mounted RC Beams with the Effects of Tropical Climates **Accepted** for 13th International Conference on Concrete Engineering & Technology 2016 **Abstract Proceeding**
13. Amir Syafiq Samsudin, **Mohd Hisbany Mohd Hashim**, Siti Hawa Hamzah, Afidah Abu Bakar, Bending Strength of Steel Fiber Reinforced Concrete Ribbed Slab Panel., **Accepted** for 13th International Conference On Concrete Engineering & Technology 2016 **Abstract Proceeding**
14. Preliminary Investigation on the Flexural Behaviour of Steel Fibre Reinforced Self-compacting Concrete Ribbed Slab,. Nur Aiman Suparlan; Muhammad Azrul Ku Ayob; Hazrina Ahmad; Siti Hawa Hamzah; **Mohd Hisbany Mohd Hashim.**, **Accepted** for 13th International Conference On Concrete Engineering & Technology 2016 **Abstract Proceeding**
15. Suki N., **Hashim M.H.M.**, Bakar A.A. (2016) Serviceability of Construction Materials Under Tropical Climate Effects. In: Yusoff M., Hamid N., Arshad M., Arshad A., Ridzuan A., Awang H. (eds) InCIEC 2015. Springer, Singapore
16. Hamdi M.M.B.F., Hamzah S.H.B., **Hashim M.H.B.M.** (2016) Finite Element Analysis: Displacement of Eccentric Loaded SFRC Ribbed Wall Panel. In: Yusoff M., Hamid N., Arshad M., Arshad A., Ridzuan A., Awang H. (eds) InCIEC 2015. Springer, Singapore

17. Hamdi M.M.B.F., Hamzah S.H.B., **Hashim M.H.B.M.** (2015) Structural Performance of Steel Fibre Reinforced Concrete Three-Ribbed Wall Panel on Compression. In: Hassan R., Yusoff M., Alisibramulisi A., Mohd Amin N., Ismail Z. (eds) InCIEC 2014. Springer,
18. **Mohd Hisbany Mohd Hashim**, Nauwal Suki, Afidah Abu Bakar, Assessing the Flexural Performance of RC Beams with Application of Glass Fiber Reinforced Polymer (GFRP) Bars, *Proceeding of Brunei International Conference on Engineering and Technology, Institut Teknologi Brunei (BICET2014)*, Brunei Darussalam, November 1-3, 2014. **{IET Conference Publication SCOPUS}**
19. Nauwal Suki, **Mohd Hisbany Mohd Hashim**, Afidah Abu Bakar. Flexural Performance of RC Beams Under Tropical Climates. *Proceeding of 2nd Australasia and South East Asia Conference in Structural and Construction*, Bangkok, Thailand, Nov 3-6, 2014, pp9-13 (ISBN:978-0-9960437-0-0)
20. **Mohd Hisbany Mohd Hashim**, Nauwal Suki, Afidah Abu Bakar. Flexural Performance of RC Beams with NSM CFRP Plate. *Proceeding of 2nd Australasia and South East Asia Conference in Structural and Construction*, Bangkok, Thailand, Nov 3-6, 2014, pp45-50 (ISBN:978-0-9960437-0-0)
21. Mohd Maiziz Fishol Hamdi, Siti Hawa Hamzah, **Mohd Hisbany Mohd Hashim**, Finite Element Analysis: Axially Loaded Steel Fibre Reinforced Concrete Ribbed Wall, 2014 IEEE Colloquium on Humanities, Science and Engineering (CHUSER 2014), pp 182-187
22. Nauwal Suki, and **Mohd Hisbany Mohd Hashim**, Preliminary Studies of Construction Materials Under Topical Effects, Seminar Bencana Alam, Kota Kinabalu Sabah 2013, pp 34-39
23. **M.H. Mohd Hashim**, A.R Mohd Sam, M.W Hussin, M.F. Mohd Arshad, Structural Performance Analysis of Fiber Reinforced Polymer-Concrete Bonding System Under Tropical Climates, *8th. Asia Pacific Structural Engineering & Construction Conference, APSEC2012*. October 2-4, 2012. Surabaya, Indonesia, p144-152
24. Fadzil M.A, Ahmad Ruslan M.R., **Mohd Hisbany M.H**, Norazlan K., The potential of Recycle Fine Cement Brick Aggregates (RFCBA) as Fine Aggregate in Concrete., *8th. Asia Pacific Structural Engineering & Construction Conference, APSEC2012*. October 2-4, 2012. Surabaya, Indonesia, p405-409
25. **Mohd Hisbany Mohd Hashim**, Abdul Rahman Mohd Sam, Mohd Warid Hussin , Mohd Fadzil Mohd Arshad, Performance Of Carbon Fiber Reinforced Polymer-Concrete Bonding System Under Tropical Climates *Regional Symposium on Engineering and Technology 2011 Kuching, Sarawak, Malaysia, 21-23 November 2011*, p311-39
26. Mohd Fadzil A., **Mohd Hisbany M.H**, Mazlina M, Norazlan K, Ridzuan A.R.M, M.R. Haziman. The Workability Properties of Concrete Containing Recycle Fine Aggregate from Waste Cement Brick *Regional Symposium on Engineering and Technology 2011 Kuching, Sarawak, Malaysia, 21-23 November 2011*, p252-59
27. **Mohd.Hashim M.H**, Mohd.Sam, A.R., Husin, M.W., Abu Hassan, S., Performance of CFRP-Concrete Bonding System Exposed to Natural Weather. *International Seminar on*

Civil & Infrastructure Engineering, ISCIE2008. June 11-12, 2008. Shah Alam, Malaysia. 2008

28. **Mohd.Hashim M.H**, Mohd.Sam, A.R., Husin, M.W., The Bonding Performance of CFRP-Concrete System Exposed to Natural Weather. *10th International Conference on Concrete Engineering and Technology, CONCET'09*. March 2-4 ,2009. Shah Alam, Malaysia. 2009
29. **Mohd.Hashim M.H**, Mohd.Sam, A.R., Husin, M.W., The Flexural Performance of CFRP-Concrete System Exposed to Natural Weather. *10th International Conference on Concrete Engineering and Technology, CONCET'09*. March 2-4 2009. Shah Alam, Malaysia. 2009
30. **Mohd.Hashim M.H**, Mohd.Sam, A.R, Husin, M.W., Effect of natural Weather on Bonding performance of CFRP-Concrete System. *7th. Asia Pacific Structural Engineering & Construction Conference, APSEC2009*. August 4-6 ,2009. Langkawi, Malaysia. 2009. p807-812
31. Mohd.Sam, A.R., **Mohd.Hashim M.H.**, Husin, M.W., Flexural Behavior of Externally Bonded CFRP-Reinforced Concrete Beam Exposed to Natural Weather. *7th. Asia Pacific Structural Engineering & Construction Conference, APSEC2009*. August 4-6, 2009. Langkawi, Malaysia. 2009. p813-820
32. **Mohd.Hashim M.H**, Mohd.Sam, A.R., Husin, M.W., Abu Hassan, S., Performance of Externally Bonded Reinforced Concrete Structures Using Carbon Fiber Reinforced Polymer in Tropical Climate. *Conference on Sustainable Building South East Asia, SBSEA2007*. 5-7 November 2007. Kuala Lumpur, Malaysia. 2007. p496-501
33. Azura Ahmad, **Mohd Hisbany Mohd Hashim**, Damanduri Jamaluddin, Muhammad Hafeez Osman, Zainab Mohamed, Seepage Characteristics of Sandstone, Siltstone and Mudstone. In Proceedings of International conference on Science & teknologi, Department of information technology and quantitative sciences UiTM Pulau Pinang (2008)
34. *Azura Ahmad, Mohd Hisbany Mohd Hashim, Muhammad Hafeez Osman Juraidah Ahmad, Damanduri Jamaluddin, Influence of Macrotecture on Pavement Skid Resistance*. In Proceedings of International Conference on Science & Technology, Department of Information Technology and Quantitative Science UiTM Pulau Pinang (2008)
35. **M.H. Hashim**, M.W Hussin, A. Ahmad.Properties of Coconut Fiber Reinforced Wall Panelling System“. Ferrocement and Thin Reinforced Cement Composite International Symposium. 6-8 February 2006, Bangkok, Organized by Thai Concrete Association & International Ferrocement Society
36. A.Ahmad, **M.H.Hashim**, D.Jamalludin and M.F.Ahmad. “Determination of Indirect Tensile Strength of weak rock by using H-Ometer Test “. *Seminar Awam 2004, Julai 2004 Anjuran Univesiti Sains Malaysia*
37. D. Jamalludin, A. Ahmad, M.F. Majid, M.A. Adnan & **M.H. Hashim**. “Stabilisation And Repair Works Of Road Embankment Failures In Pahang, Malaysia”.*Seminar Awam Julai 2004, Julai 2004 Anjuran Univesiti Sains Malaysia*

38. D. Jamalludin, M.F. Ahmad, A. Ahmad & **M.H. Hashim**. "Construction of soil nail reinforced cut slope at UIA Bypass". *International Conference on Bridge and Hydraulic Structures 2004, 26-28 August 2004, Univesiti Putra Malaysia*

I. **RESEARCH GRANTS**

DURATION	<u>TITLE</u>	<u>PROVIDER</u>
Sept 2019 – Sept 2021	Burst Pressure Strength Characterization of Composite Fiber Reinforced Polymer (CFRP) on Circular API Pipes under Multiple Degree of Corrosion Through Artificial Neural Networks- LEADER	FRGS (RM65,000)
01 Jan 2019 – 31 Dis 2020	Strength characterization of the CFRP confined circular reinforced concrete column under high temperature - MEMBER	FRGS (RM61,400)
01 April 2016- 31 Dis 2020	KAJIAN PEMBANGUNAN SOSIO-EKONOMI BUMIPUTERA PULAU PINANG	Prime Minister Department RM100,00
01 Jan 2019 – 31 Mac 2021	IRWIN'S MODIFICATION DRIVING FORCE IN FRACTURED QUASI-BRITTLE MATERIAL MEMBER	FRGS (RM102,000)
15 August 2017 – 14 August 2019	Morphological Characteristics of Bonding Interface Expanded Polystyrene (EPS) Reinforced Binder Matrix - MEMBER	FRGS (RM84,000)
1 Jan 2016 – 30 June 2018	Near Surface Mounted (NSM) Techniques for Seismic Retrofitting and Strengthening Exterior RC Concrete Beam-column Joint Using Glass Fiber Reinforced Polymer (GFRP) - MEMBER	Mosti (e-science) RM186,600
1 April 2016 – 31 Mac 2018	Flexural Performance of RC Beams Strengthened with NSM CFRP plate Under Tropical Salt Water Exposure (Member, main Supervisor for PhD student)	Lestari 2016 (UiTM) RM20,000

(Research Collaborations)	Tahun (Year)
100-RMI/SF/ 16/6/2 (15/2015) – E-science fund recently approved is a collaboration between UiTM (main leader) and CREAM (CIDB)	2015
04-01-02-SF1298 – The applicant is also a research collaborator to an e-science fund received by Assoc. Prof Madya Dr Aminah Osman , from UKM (Leader)	2015

Completed Research at UiTM

TARIKH	<u>TAJUK</u>	<u>PERINGKAT</u>
01 Oct 2015- 30 Mac 2018	Punching Shear Resistance of Self Compacting Fiber Reinforced (SCFRC) Concrete (Leader)	e- Science (RM254,000)
15 Nov 2013- 14 Nov 2015	Rib Profiling Characterization Theory (Leader)	FRGS (RM82,000)
01 Jul 2013 – 30 Jun 2015	Optimisation of Rib Slim Steel fibre Reinforced Concrete (SFRC) Load Bearing Wall Panel	e-science
Jan 2010 – Dec 2011	Failure Mode Of Analysis Of Rc Beam Strengthened In Bending Using Advance Composite Material	FRGS
2011-2013	Utilization of Oil Palm Frond as Matting Fibre Reinforced System in Developing Cement Board Panelling System Utilization of Oil Palm Frond as Matting Fibre Reinforced System in Developing Cement Board Panelling System	Dana kecemerlangan
June 2004 – Mei 2005 (lanjutan : Nov 2005)	Influence of Macrotecture on Pavement Skid Resistance Ketua: Cik Azura Ahmad Ahli: Mohd Hisbany Mohd Hashim Pn. Juraidah Ahmad (MITRANS)	IRDC - UITM
June 2004 – Mei 2005 (lanjutan : Nov 2005)	Seepage Characteristics of Sandstones Ketua: Cik Azura Ahmad Ahli: PM Ir. Dr. Hj Zainab bt. Mohamed, Mohd Hisbany Mohd Hashim	

J. SUPERVISION (PhD)- EC 990

Main Supervisor:

1. Mohd Rizuwan Mamat
ID : 2020999379
Title : Modular Girder for Short Span Hybrid Forest Bridge
Field : PhD in Civil Engineering
(Mobile bridge – forest application)
Status : On-going (Since 2020)
2. Khairunisak Binti Sulaiman
ID : 2020760273
Title : Strength Quantifying of Overlaps Polymer Fiber on Aging Subsea pipelines
Field : PhD in Civil Engineering
(Pipelines Integrity)
Status : On-going (Since 2020)
3. Syaza Nur Ilya binti Zulkifli
ID : 2019449792
Title : Constructive Modelling of Reinforced Circular Column strengthened with SMA
Field : PhD in Civil Engineering
Status : On-going (Since 2019)
4. Roslin Binti Ramli
ID : 2017180467
Title : Analysis of fluid-structure interaction for hull laminated with Fibre Reinforced Polymer (FRP)
Field : PhD in Civil Engineering
(Hull structures)
Status : On-going (Since 2018)
5. Norhayati Saleh
ID : 2016289188
Title : Numerical Modelling of Turbulence Flow Distribution in Idealized Street Canyons.
Field : PhD in Civil Engineering
(Wind Engineering – street canyon)
Status : On-going (Since 2016)
(Also in collaboration with Kyoto University, Japan (Co Supervisor. Prof Dr Hiromishi Shirato-deceased)
6. Mohd Fakri Bin Muda
ID : 2016406086
Title : Failure analysis of aging subsea pipelines using artificial neural networks and rehabilitation method by composite reinforced polymer
Field : PhD in Civil Engineering
(Pipelines Integrity)
Status : On-going (Since 2016)

7. Nurul Ain Hanida
ID : 2015620694
Title : Punching Shear Resistance of Self-compacting Fiber Reinforced Concrete (SCFRC) Ribbed Slab
Field : PhD in Civil Engineering (FRC)
Status : On-going (Since 2015) - completing
8. Amiruddin bin Mishad
ID :
Title : Flexural Performance of R.C Beams Strengthened with NSM CFRP Plates Under Saltwater Exposure.
Field : PhD in Civil Engineering (FRP)
Status : On-going (Since 2014)
9. Dr. Hazrina binti Ahmad
ID : 2014278214
Title : Structural performance of Self-compacting Concrete Ribbed Slab Reinforced with Steel fibers
Field : PhD in Civil Engineering (FRC)
Status : Completed (graduated Jun 2020)
10. Dr. Nauwal binti Hj Suki
ID : 2012607208
Title : Flexural Strengthening of RC Beams with Near Surface Mounted (NSM) FRP Plate
Field : PhD in Civil Engineering (FRP)
Status : Completed (Graduated June 2018)

Co-Supervisor:

1. Dr. Mohd Maiziz Sifol Hamdi
ID : 20111520849
Title : Structural Stability of Steel Fibre Reinforced Concrete Ribbed Wall Panel Under Compression Axial Eccentric Condition
Field : PhD in Civil Engineering
Status : Completed (Graduated Nov 2018)
2. Dr. Shamilah Binti Anudai@Anuar
ID : 2011169763
Title : Seismic Performance of Tunnel Form System Under Lateral Cyclic Loading
Field : PhD in Civil Engineering
Status : Completed (Graduated Sept. 2016)

3. Dr. Nur Ilya Farhana md. Noh
 ID : 2013232462
 Title : Physical, Chemical and Mechanical Characterization of Heat Treated Hardwood Timbers
 Field : PhD in Civil Engineering
 Status : Completed (Graduated June 2018)

4. Dr. Siti Nurul Ain bte. Ramli
 ID : 2014399623
 Title : Structure Behavior of EPS Cellulose Fiber as Load bearing Wall
 Field : PhD in Civil Engineering
 Status : Completed (Graduated 2019)

5. Ir. Muhd Salmizi Jaafar
 ID : 2015225326
 Title : Structural Integrity of Dispalcement Pile Joint for Piled Foundation of Bridge Pier
 Field : PhD in Civil Engineering
 Status : On-going (Since 2016)

6. Mohd Razmi Mohd Amit (P72454) , ongoing
 Universiti Kebangsaan Malaysia
 (Main Supervisor: Assoc. Prof. Dr Aminah Osman, UKM, **Collaboration under -escience grant**)

Supervision (Masters)-EC780

By Research – main supervisor

1. Roslin Bt Ramli
 ID : 2012802454
 Title : Sustaining of Floating Structure (Houseboats) using Fiber reinforced Polymer
 Field : Master of Science in Civil Engineering
 Status : Completed (Graduated Nov. 2017)

2. Mohd Rizuwan Bin Mamat
 ID : 2012959447
 Title : Development of Modular Design For Mobile Forest Bridge Using FRP
 Field : Master of Science in Civil Engineering
 Status : Completed (Graduated July 2018)

3. Amir Syafiq Samsudin
 ID : 2013563323
 Title : Structural Performance of Steel Fiber RC Ribbed Slab panel
 Field : Master of Science in Civil Engineering
 Status : Completed (Graduated April 2018)

Co-Supervisor:

1. Fadhillah Abdul Rahman
 ID : 2014880484
 Title : Structural Performance of SFRC Ribbed Slab under Flexural Performance
 Field : Master of Science in Civil Engineering
 Status : Completed (Graduated August 2018)

Dissertation (master project) for Taught Course

CALON (Candidate)	<u>TAJUK</u> (Title)	<u>Graduated</u>
Nur Aiman Suparlan (EC701)2018831126	Effects of High Temperature on The Compressive Strength of Concrete Cylinders with Cfrp Sheets	Sept 2019
Muhammad Haziq bin Hidzrami (EC701)2015984435	Structural Performance of Steel Fiber Reinforced Self-Compacting Concrete one-way Ribbed Slab Under Punching Shear Loading	Jun 2017
Umar Abdul Aziz bin Muhammad Radzi (EC701) (2015788737)	Punching Shear Resistance Performance of Fiber Reinforced Self-Compacting Concrete Ribbed Slab with CFRP Strenghtening	Jun 2017
Ezatul Yasmin Binti Baharudin (EC701) 2014359555	Punching Shear Of Self Compacting Fiber Reinforced Concrete Ribbed SLAB Using Abaqus	Dec 2016
Norhafiza Hashim (EC701)	Thermal Conductivity Concrete made of Recycle Rubber and Plastics as Coarse and Fine Aggregates Replacement materials	Dec 2016
Adnie Baharin (EC701) (2013556761)	Flexural behavior of Two Ribbed SFRC Slab Reinforced with GFRP Bars	July 2015
Mohamad Firdaus Mohamad (EC701) (2013810666)	Load Deflection Behaviour Analysis of Steel Fibre reinforced Concrete (SFRC) Ribbed Slab	Jan 2015
Mohamad Najib Ismail (EC771)	Mechanical Properties of FRP Waste Concrete Uisng Sea Sand	Jul 2013
Nurul Faraheeda Abdul Rahman (EC771) (2011851048)	The effect of Surface Preparation on Bonding performances of Beams Strengthened with CFRP Plate	Jan 2013
Rozidayu Mat Hussin (EC771) (2011240534)	The effect of Surface Preparation on Flexural Strength Capacy of Beams Strengthened with GFRP fabrics	Jan 2013
Mizatul Amira Musnif (EC775) (2010202984)	Finite Element Analysis of Concrete Prism Strenghtned with CFRP	Jan 2013

Nurulain Hanida Mohamad Fodzi (EC775) (2010834872)	Finite Element Analysis for beam Strengthened with CFRP under Tropical Climates	Dec 2012
Farah Arina Tamin (EC771)	An Analysis on thr Stability of castellated Beam by Uisng Lusas	Dec 2012
Abi Mazran bin Marzuki (EC775) (2010450976)	Finite Element Analysis for Beam Strengthened with CFRP Under Tropical Climates	Mac 2012
Nur Shahrizal Abdul Rahman (EC771) (2010816716)	Finite Element Analysis on Flexural Performance of CFRP Bonded Reinforced Concrete Beam in Tropical Climates	Mac 2012

Undergraduate Final Year Project Supervision

<i>(Title and Student's name)</i>	<i>(Date of Project submitted/ completed)</i>
Burst Pressure Prediction of General Corroded Pipeline Using Finite Element Analysis (FEA) NAJIHAH BINTI MOHD NOR 2018425692	August 2021
Analysis of Burst Pressure Effect on Pitting Corroded Pipeline Using Finite Element Analysis NIK AHMAD NOR HADI BIN ABDUL JAMEL 2018288678	August 2021
Punching shear resistance for ribbed slab AHMAD BIN YUSOF (2014508809)	Sept 2017
Punching Shear Resistance of Self-Compacting Fibre Reinforced Concrete (Scfrc) Ribbed Slab Without Drop Panel. MOHAMAD FARIZ BIN RASIP (2013171247)	Mac2017
Punching Shear Resistance of Self-Compacting Fibre Reinforced Concrete (Scfrc) Ribbed Slab of Slab-Column Connection Finite Element Analysis MUHAMMAD SYAHIR BIN JAMALUDIN (2014210556)	Mac2017
Punching Shear Resistance of Self-Compacting Fibre Reinforced (Scfrc) Concrete Ribbed Slab MOHD FARIZUL BIN ABDUL RAHIM	Mac2017
Compressive and Tensile Strength of Self-Compacting Steel Fibre Reinforced Concrete MUHAMMAD NUR HAFIZIE BIN HALIMAN (2011759549)	Jan 2016
COMPRESSION AND FLEXURAL STRENGTH ON STEEL FIBRE REINFORCED SELF-COMPACTING CONCRETE NURAIN FAKHIRA BINTI MOHD NAFI (2013832802)	Jan 2016

Compression strength and modulus of elasticity of steel fiber reinforced self-compacting concrete. NIK NOR AESHAH BINTI NIK MEN (2013294374)	Jan 2016
A Study on the performance of steel fibre in resisting cracks propagation in Normal Strength Concrete SITI KHADIJAH SHARUDDIN (2012964579)	Jun 2015
Strengthening of 3 Rib steel fibre reinforced Concrete Slab using Carbon Fibre reinforced-Polymer AFIQAH BINTI CHE ABU BAKAR (2012659356)	Jan 2015
Bending strength of three ribbed concrete slab with steel fibre reinforcement SITI KHADIJAH BINTI MAKHTAR (2012463116)	Jan 2015
Bending Strength of Two ribbed Steel Fibre Reinforced Concrete Slab NESRIN BINTI SOHAIMI (2012686754)	Jan 2015
The strength of concrete with sea sand and slag cured in plain water and sea water ABDULLAH 'ARIF BIN SUHAIMI (2011798495)	Jul 2014
Compressive Strength of Recycle Polyester Carpet Waste Fiber ILI FARHANA BINTI AZMI (2011748507)	Jul 2014
Flexural behaviour of concrete beam with Glass Fibre Reinforced Polymer (GFRP) AHMAD MURZIR B AHMAD FAUZI (2009571639)	Jan 2014
Flexural Behaviour of Reinforced Concrete RC Beam with Near Surface Mounted Carbon Fiber Reinforced Polymer Plate MUHAMMAD SHAKIR BIN MD SAAD (2009907811)	Jan 2014
Flexural Performance of Reinforced Concrete Beam Bonded with Carbon Fiber Reinforced Polymer (CFRP) Plate MOHAMAD HAMIZAN BIN MOHAMED @ HIZAM (2009314427)	Jan 2014
Flexural capacity of reinforced concrete beam strengthened with glass fibre reinforced bar MOHD NORHAFIZI BIN TUGIMIN (2010360277)	Jan 2014
Analysis of shear strength concrete member strengthened with FRP AMMAR BIN OMAR (2009861556)	Mac 2013
Analysis of strengthened timber beam with FRP MOHAMAD FIRDAUS BIN MOHAMAD (2009650186)	Mac 2013
Analysis of bending moment of concrete member strengthened with FRP RAHMANYY BIN BADRON (2009895732)	Mac 2013
Compressive Behaviour Of Precracked Reinforcement Concrete Column Wrapped With Frp Jackets NUR AZILA BINTI ADAM (2010819466)	Sep 2012
Study On The Performance Of Column With CFRP NUR HAMIDAH BT. ADNAN (2010230194)	Sept 2012
Moisture Effect Of Column Strengthened With CFRP Fabric	

NUR LIYANA BINTI NIZAMDIN (2010213292)	Sept 2012
Interfacial stress of reinforced concrete beams using salt sand strengthened by glass fiber reinforcement polymer (GFRP) sheets AHMAD HAFIZ BIN EMBONG (2009963169)	Jul 2012
interfacial stress of reinforced concrete beams using salt sand strengthened by carbon fiber reinforcement polymer (CFRP) sheets MOHD RAZIFF B RUSLAN (2008400204)	Jul 2012
The effect of sand salt on the flexural performance of reinforced concrete beam bonded with Carbon Fiber Reinforce Polymer ALIA MUNIRA BINTI ABDULLAH (2009962011)	Jul 2012
Behavior of RC beams using Sea Sand strengthened by FRP AMIN ALI ALI AL FAKIH (2008411078)	Jul 2012
Effect of Surface Preparation on Concrete Fiber Reinforced Polymer QAMAL BIN MOHAMED MUSTAFA (2009602176)	Jan 2012
Crushed concrete waste aggregates MOHD FAZRIN BIN KHAZALE (2009840008)	Jan 2012
STUDY ON SHRINKAGE OF CONSTRUCTION CYCLE WASTE AGGREGATE CONCRETE NUR AISHAH BINTI ISA (2009420508)	Jan 2012
Identification of aging effect to the Oil Palm Fronds properties ASHRAF BT MOHD AZHAR (2009232566)	Jan 2012

K. CONSULTANCY/EXPERTISE

CONSULTANCY

NO.	DETAILS	YEAR
1.	Pemeriksaan dan Penilaian Visual Terhadap Potensi Kegagalan Cerun di Pusat Falak Sheikh Tahir, Balik Pulau, Pulau Pinang untuk Mufti Kerajaan Negeri Pulau Pinang. (Ahli) Project value: Tanpa Bayaran (Visual Inspection and Assessment of Slope Potential Failure)	2019
2.	Structural Integrity Assessment, Detailed Design and Regulatory Approval for Md Earth Solution, (Member) Project value: RM85,000	2020
3.	Pembinaan Bangunan Radar, Pejabat Dan 2 Unit Kwarters (Komponen 3) Di Kuala Gula, Perak - Perunding Bagi Menjalankan Field Density Test untuk Innokoperat Sdn Bhd (Rm9140) (Ahli) Project value: RM9,140	2019

INTERNAL APPOINTMENT AS THESIS EXAMINER (Phd)

NO.	DETAILS	YEAR
1.	MOHD NIZAM SHAKIMON, 2012915773 Faculty of Civil Engineering, UiTM, Shah Alam Structural Performance of Ghulam Mengkulang Timber Beam With Slotted-In Plate Bolted Connection After Standard Fire Exposure	2021
2.	TENGGU ANITA RAJA HUSSIN, 2012667274 Faculty of Civil Engineering, UiTM, Shah Alam Structural Performance of Glued-In Rods for Pull-Out Splice (Grps) Timber Connections Made Of Mengkulang Glulam	2020
3.	NURUL IZZATUL LYDIA BINTI ZA'BA, 2014132969 Faculty of Civil Engineering, UiTM, Shah Alam TENSILE STRENGTH CLASS SYSTEM FOR MALAYSIAN HARDWOODS ACCORDING TO EUROPEAN STANDARD EN 348 AND EN 408 2019	2019
4.	FARIZ SWAN BIN AHMAD ZAKWAN Faculty of Civil Engineering, UiTM, Shah Alam NUMERICAL ANALYSIS OF PROTECTED AND UNPROTECTED CELLULAR STEEL BEAM (CSB) AT ELEVATED TEMPERATURE 2019	2019
5.	NOOR AZLINA ABDUL HAMID Faculty of Civil Engineering, UiTM, Shah Alam	2017

Shear behaviour of Concrete Beam Reinforced with GFRP bars
2017

NURUL FAIZIN ABDUL AZIZ 2017
Faculty of Civil Engineering, UiTM, Shah Alam
Strength and Durability of Compression Moulded High Filler Loading Kenaf
Core and Bast Fibre Particulate Reinforced Polyethylene Composite

6. Nurul Atiqah Mohd Ayob (PhD, AS990), 2016
Faculty of Applied Science, UiTM, Shah Alam
Analysis of Fluted Natural Fibre Reinforced High Density Polyethylene
(HDPE) Roofing Panel (Pre-Viva)

7. SUHAILAH MOHAMED NOOR (PhD, EC990) 2015
Faculty of Civil Engineering, UiTM, Shah Alam
Effect of Strength and Stiffness Distributions on the Displacement Demands
of Asymmetric Reinforced Concrete Buildings

8. Nurul Faiizin Bt. Abdul Aziz, 2011
Conversion from Master of Science, by research to PhD
Strength and Durability of Injection Moulded High Filler Loading Kenaf Particul
and Fiber Polyethylene Composites

INTERNAL APPOINTMENT AS THESIS EXAMINER (Master by Research)

NO.	DETAILS	YEAR
1.	RAIHANA BINTI MOHAMAD HATTA Faculty of Civil Engineering, UiTM, Shah Alam Thermal Conductivity of Selected Tropical Timber Using Hot Box Method	2018
2.	ABDULLAH OMAR ABDULLAH ZAMLI Faculty of Civil Engineering, UiTM, Shah Alam Performance Of Glass Fibre Reinforced Polymer (GFRP) with Varied Alignments and Reduced Surface Area Applied as a Strengthening Materials for Glued Laminated Timber (Glulam) Component	2018
3.	NOR MAYUZE MOHAMAD Faculty of Civil Engineering, UiTM, Shah Alam Seismic Performance of Precast Shear Key Wall Panel of Single Bay Double Storey House Under Quasi Static Lateral Cyclic Loading	2013
4.	MUHAMMAD BAZLI FALIQ MOHD PUUAD Faculty of Civil Engineering, UiTM, Shah Alam Bending and Compressive Properties of Malaysia Timber in Structural Size	2013
5.	NAZIRAH ABD. WAHAB Faculty of Civil Engineering, UiTM, Shah Alam Development An innovative Rolled-in Stiffening Scheme for profiled Web Girders	2012

6. MOHD SUHELMIEY SOBRI 2012
 Faculty of Civil Engineering, UiTM, Shah Alam
 Ultimate Strength of Steel fabric Reinforced Concrete Short Wall Panel
 Using Crushed Concrete Waste Aggregates

EXTERNAL APPOINTMENT AS THESIS EXAMINER (Phd)

NO.	DETAILS	YEAR
1.	ABDELIAZIM MUSTAFA MOHAMED Faculty of Civil Engineering, UTM, Skudai, Johor, Malaysia ENGINEERING PROPERTIES AND DURABILITY OF CONCRETE WITH ARABIC GUM BIOPOLYMER	2020
2.	A. GLADWIN ALEX Department of Civil and Structural Engineering, Anamalai University, INDIA Studies on M-sands with R.C.C Elements	2018
3.	OGUNBODE EZEKIEL BAPTUNDE Faculty of Civil Engineering, Utm, Skudai, Johor, Malaysia Long Term Performance of Kenaf Fibrous Composite Under Sustained	2017

EXTERNAL APPOINTMENT AS THESIS EXAMINER (Master by Research)

NO.	DETAILS	YEAR
1.	MUHAMMAD SAZLLY NAZREEN MAHMOOR Faculty of Civil Engineering, UTM, Skudai, Flexural Behavior of Lightweight Reinforced Concrete Beam Containing Palm Oil Clinkers as Aggregates	2020
2.	NAZIRAH BINTI AHMAD SHUKRI Faculty of Civil Engineering, UTM, Skudai <u>High Performance of Concrete Utilizing Metakaolin and Spent Garnet</u>	2019
3.	MOHAMMAD IQBAL BIN KHIYON Faculty of Civil Engineering, UTM, Skudai The Effect of Concrete Contain Garnet with Different Cover Thickness Subjected to Fire	2018

APPOINTMENT AS EXAMINER/EVALUATER (Program, etc)

NO.	DETAILS	YEAR
1.	Evaluation Panel Members for Engineering Technology Accreditation Council (Etac)	01/01/2020-31/12/2022
2.	Evaluation Panel for Technological and Technical Accreditation Council, MALAYSIAN BOARD OF TECHNOLOGIES (MBOT)	20/09/2019-19/09/2021
3.	Chairman Evaluation panel Visit, MBOT	17/10/2019-18/10/2019; 14/06/2021-14/06/2021
4.	Evaluation Panel for Promotion to Associate Professor at UTHM (Names of candidates upon request)	2018,2019 2020, 2021

APPOINTMENT AS REVIEWER: GRANTS etc.

NO.	DETAILS	YEAR
1.	PELANTIKAN SEBAGAI PANEL PAKAR PROJEK DANA PENYELIDIKAN DAN PEMBANGUNAN (R&D) KEMENTERIAN SAINS, TEKNOLOGI DAN INOVASI (MOSTI)	01Jan2021-31Dis2023
2.	Panel Penilai Bagi Dana Penyelidikan Kementerian Pendidikan Malaysia (Dpkpm) Peringkat Universiti Teknologi Mara (UiTM), Pejabat Timbalan Naib Canselor (Penyelidikan & Inovasi), UiTM	12/06/2019-present
3.	Penggubal - Soalan KA Mata Pelajaran Pengajian Kejuruteraan Awam Kertas 1 (Ta027/1) Kementerian Pelajaran Malaysia - Bahagian Matrikulasi	2016
4.	Penilai Bagi Permohonan Geran Penyelidikan Sustainable Development Goals (Sdg @ Borneo) Uitm Cawangan Sarawak (i) Development of Eggshell Powder and Fly Ash-Based Geopolymers for Rigid Pavement sgd09 (ii) Material-Saving Strength Behaviours Modelling of Glued-Laminated Tropical Timber Beam for Sustainable Timber Applications	2020
5.	Pentaksir Soalan Bagi Mata Pelajaran Pengajian Kejuruteraan Awam Kertas 1 Mata Pelajaran Pengajian Kejuruteraan Awam Kertas 1 Kementerian Pendidikan Malaysia	2016

APPOINTMENT AS REVIEWER: JOURNALS/PROCEEDINGS.

NO.	DETAILS	YEAR
1.	Journal of Engineering Science & Technology	2021
2.	International Conference on Sustainable Construction and Structures, UNIVERSITI TUN HUSSEIN ONN MALAYSIA Experimental study: Shear Behaviour of reinforced concrete beams using steel plate strips as shear reinforcement.	2020
3.	International Journal of Integrated Engineering, UNIVERSITI TUN HUSSEIN ONN MALAYSIA Influence of Industrially Ceramic Waste Aggregates on Elasticity Properties of Concrete	2020
4.	World Journal of Civil Engineering and Construction Technology, Premier Publishers Analysing the Effects of Steel Fibres in Concrete Paving Blocks	2020
5.	ICONBUILD & RCCE 2019 ICONBUILD. The Impact of Corroded Bars and Spalling on the Bond Strength of Reinforced Concrete Structures.	2019
6.	ICONSET2019. Univesiti Teknologi MARA, Pulau Pinang Flexural Behaviour of RC Beams with High Dosage of Fibre ContentInternational09/05/2019-23/05/2019	2019
7.	MALAYSIAN CONSTRUCTION RESEARCH JOURNAL (MCRJ) SPECIAL ISSUE. School of Civil Engineering, Faculty of Engineering UTM	2019
8.	Acheh International Symposium on Civil Engineering, Universitas Syiah Kuala, Indonesia The Influence of occupational safety and health program on the manpower performance of construction company in Banda Aceh	2019
9.	Acheh International Symposium on Civil Engineering, Universitas Syiah Kuala, Indonesia The Effect of Public Space Availability on Children's Creativity (Case Study: Taman Sari Kota Banda Aceh	2019
10.	10th Asia Pacific Structural Engineering and Construction Conference 2018 APSEC 2018 Secretariat, School of Civil Engineering UTM Damage Assessment of High-Rise RC Building in Peninsular Malaysia subjected to Ranau Earthquake.	2018

11. Engineering, Science and Technology Colloquim 2018, UiTM CAWANGAN Pulau Pinang 2018
12. ICOFA2017, Universiti Teknologi Mara Cawangan Perlis
The Effect of Fly Ash and Bottom Ash Pile in Problematic Soil Due To Liquefaction. 2017
13. ICOFA2017, Universiti Teknologi Mara Cawangan Perlis
Assessment of Energy Efficiency Level on UiTMPP's Baiduri College Building 2017
14. Iconbuild2017, UNIVERSITI TEKNOLOGI MALAYSIAN 2017
15. Jurnal Teknologi, UNIVERSITI TEKNOLOGI MALAYSIA
Mechanical Properties of Self-Compacting Geopolymer Concrete Containing Spent Garnet as Replacement for Fine Aggregate 2017
16. International Symposium Technologies 2016 (ISET2016), Universiti Teknologi Mara Cawangan Terengganu. 2016
Predicting the Early Strength Development Characteristics of Precast Concrete ProductsInternational
17. International Symposium of Engineering Technologies 2016 (ISET2016), Universiti Teknologi Mara Cawangan Terengganu 2016
Effect of Rheological Property on Fluidity of Fresh Mortar under Vibration

SPEAKER/PRESENTER/FACILITATOR/etc.

NO.	DETAILS	YEAR
1.	Plenary Speaker (invited), 1st International Conference on Islamic Studies, Lampung University, Indonesia	2020
2.	Presenter, 5th International Conference on Sustainable Civil Engineering Structures and Construction Materials (SCESCM) 2020, Universiti Teknologi MARA	2020
3.	Presenter, 7th International Conference of Euro Asia Civil Engineering Forum (EACEF) 2019, University of Stuttgart	2019
4.	Keynote, International Conference on Advances In Civil Engineering And Science Technology (Icacest) 2018, faculty of civil Engineering, UiTM Pulau Pinang	2018
5.	Facilitator: FASILITATOR THESIS BOOT CAMP 2017, Institut Pengajian Siswazah (Ipsis), Uitm	2017
6.	Facilitator, Bengkel PKSP, Fakulti Kejuruteraan Awam, UiTM Pasir Gudang	2017

7. Facilitator Bengkel penerbitan jurnal berimpak, Fakulti Kejuruteraan Awam, UiTM Shah Alam. 2017
8. Facilitator Bengkel Penyemakan Kertas Soalan Bidang StrucM Fakulti Kejuruteraan Awam, UiTM Shah Alam 2017
9. Speaker, KSCE 2017 CONVENTION ROUND TABLE MEETING, KOREAN SOCIETY OF CIVIL ENGINEERING 2017
10. Presenter, Hanyang University, Seoul, Korea, 6th International Conference of Euro Asia Civil Engineering Forum (EACEF-2017) 2017
11. Keynote, CRRS 2017, Universiti Tun Hussein Onn Malaysia 2017