



PERSONAL INFORMATION

Name	Adiza binti Jamadin
Field of Interests	Structural Health Monitoring (SHM), Concrete Structure, Structural Vibration, Modal Analysis, Non-destructive technique (NDT), and Finite Element Analysis.
Phone	603- 5543 6421
Email	adiza@uitm.edu.my / adiza7979@gmail.com
Position	Senior Lecturer. Faculty of Civil Engineering, UiTM Shah Alam, Selangor, Malaysia.
Qualifications	PhD – Structural Engineering (UM, Malaysia), 2020. MSc – Structural Engineering (UiTM, Malaysia), 2008. B.Eng – Civil Engineering (Construction Management) (UTM, Malaysia), 2001.

WORKING EXPERIENCE

Year	Position	Company
2001	Civil Engineer	Imbuan Gagah Sdn Bhd
2002	Civil Engineer	Solar Network Sdn Bhd
2003	Civil Engineer	Radicare (M) Sdn Bhd
2004	Civil Engineer	Lembaga Urus Air Selangor (LUAS)
2007	Vocational training officer	Jabatan Pembangunan Kemahiran (JPK)
2009 - present	Senior lecturer	Universiti Teknologi MARA

RESEARCH GRANT/ CONSULTANCY

Research Grant (National)	<ol style="list-style-type: none"> 1. Member - Online Bridge Health Monitoring System in Malaysia. Global Research Reputation (GRR) – UiTM, RM29,000 – On-going (Dec 2020 – Dec 2021). 2. Member - The correlation of the non-linear vibration characteristics and damage detection mechanisms in aging/deteriorated reinforced concrete structures, FRGS Grant (FRGS/1/2020/TK0/UM/02/27), RM 131,800.00 – On-going (Nov 2020 – Oct 2023). 3. Member – Structural health monitoring of Merah Putih Ambon cable-stayed bridges subjected to near fault earthquakes, Strategic Research Partnership (600-RMC/SRP-UNNES/5/3(004/2020), RM 80,000.00 –
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	<p>On-going (Nov 2020 – Oct 2022).</p> <ol style="list-style-type: none"> 4. Member - Derivation of the vibration characteristics from high-speed camera in evaluating and quantifying the damage of steel members, FRGS-RACER Grant (RACER/1/2019/TK01/UITM//2), RM 51 200 – On-going (Sept 2019 – August 2021). 5. Principal Investigator - Serviceability predictive model of vibrating ultra-high performance concrete structure, FRGS Grant (FRGS/1/2018/TKO 1/UITM/02/30), RM 88,500 – On-going (1 Jan 2019 – 30 September 2021). 6. Member - Irwin's modification driving force in fractured quasi-brittle material, FRGS Grant (FRGS/1/2018/TK01/UITM/03/3), RM 102,000 – On-going (1 Jan 2019 – 30 September 2021). 7. Member – The effectiveness of water tanks positions as multiple tuned liquid damper, Geran Penyelidikan Bestari Perdana, UiTM (600-IRMI/DANA 5/3 BESTARI (P) (078/2018), RM 30 000 – On-going (Jan 2018 –Dec 2020). 8. Member – Design and development portable earthquake shake table, Geran Penyelidikan Bestari Perdana, UiTM (600-IRMI/DANA 5/3 BESTARI (P) (081/2018), RM 30 000 – On-going (Jan 2018 – Dec 2020). 9. Member - Fatigue Life Evaluation Of Reinforced Concrete Bridge Deck Using An Integrated Dynamic Testing And Simulation, Postgraduate Research Grant University of Malaya (PPP), RM 24 500 – Completed 2015. 10. Member- Innovative low cost laminated recycled rubber bearing for structure earthquake mitigation, Dana Kecemerlangan (RIF), RM 32, 000 – Completed 2015. 11. Member - Characterization Of Fatigue Properties Of Bounded-In Pultruded Rod Timber Connection, Dana Kecemerlangan, RM 9,000 – Completed 2012. 12. Principal Investigator – Development of Plastic Yield Surface for Steel Unequal Angle, RM5000. – Completed 2010.
<p>Industrial Consultancy (National)</p>	<ol style="list-style-type: none"> 1. Kajian pembentukan rangka kerja dan pengukuran Ipoh ke arah bandaraya rendah karbon - Majlis Bandaraya Ipoh - RM 250,000 – 2021. 2. Kerja-kerja menurap semula sebahagian jalan dan membaikpulih bahu jalan serta kerja-kerja berkaitan di Jalan Sungai Putus 2, Daerah Klang, Selangor – - KSB Engineering Services - RM 1,250 – 2019. 3. Structure and Material Test for New Age Expression Sdn Bhd - RM 2,000.

PROFESSIONAL MEMBERS

<p>International/ National</p>	<ol style="list-style-type: none"> 1. Concrete Society of Malaysia (CSM) – Council Member XVI from 2020 – 2022. 2. Concrete Society of Malaysia (CSM) – Sub-Committee of Industrial Relationship from 2018 – 2020. 3. Institute Engineering & Technology, UK – Member from 2021. 4. Malaysia Board of Technologists (MBOT) - Professional Technologist from 2018. 5. Malaysian Society for Engineering and Technology (MSET) - Member from
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	<p>2010.</p> <p>6. Institution of Engineer Malaysia - Graduate member from 2009.</p> <p>7. Board of Engineers (BEM) - Graduate Engineer from 2001.</p>
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EXPERTISE RECOGNITIONS/INVOLVEMENTS

<p>International / National recognition/ involvement</p>	<ol style="list-style-type: none"> 1. Exhibition Award, PIID 2021 – Silver Medal 2. Exhibition Jury, FYPPPC 2/2020 3. Exhibition Award, ITEX 2019 – Gold Medal 4. Exhibition Award, IIDEX 2018 - Gold Medal 5. Exhibition Award, IIDEX 2017 - Gold Medal 6. Exhibition Award, IIDEX 2016 - Silver Medal 7. Penilai Anugerah Kualiti Naib Canselor (AKNC) 2019, UiTM 8. Penilai Anugerah Kualiti Naib Canselor (AKNC) 2018, UiTM 9. Panel Pentaksir, Bahagian Matrikulasi, Kementerian Pelajaran Malaysia, 2012
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PUBLICATION

<p>Journal</p>	<ol style="list-style-type: none"> 1. Jamadin, A., Ibrahim, Z., Jumaat, M. Z., & Hosen, M. A. (2020). Serviceability assessment of fatigued reinforced concrete structures using a dynamic response technique. <i>Journal of Materials Research and Technology</i>, 9(3), 4450 - 4458. [ISI] 2. Kudus, S.A, Jamadin, A., Amin, N.M., Suliman, N.H. & Alisibramulisi, A., (2020) Damage Assessment using Acoustic Emission on Concrete Beam. <i>International Journal of Innovative Technology and Exploring Engineering (IJITEE)</i>, 9(3), 2977-2981. [Scopus] 3. Jamadin, A., Ibrahim, Z., Jumaat, M.Z., and Wahab, E.S. (2019) Effect of High-cyclic Loads on Dynamic Response of Reinforced Concrete Slabs. <i>KSCE J Civ Eng</i> 23, 1293–1301. [ISI] 4. Amin, N.M., Maskor, S.N.F., Joohari, I. & Adiza Jamadin (2018) Geometry Strength of Honeycomb Sandwich Panel. <i>International Journal of Integrated Engineering: Special Issue 2018: Innovations in Civil Engineering</i>, 10(9), 164-171. Penerbit UTHM. [Scopus] 5. Jamadin, A., Ibrahim, Z., Amin, N.M., Alisibramulisi, A., Suliman, N.H and Hassan, M.H.S.M. (2018) Dynamic Behaviour of Existing Steel Pedestrian Bridge. <i>International Journal of Civil Engineering and Technology (IJCIET)</i>, 9(7), 1443–1450. [Scopus] 6. N.M. Amin, W.N.A.W. Sulaiman, Jamadin, A., Alisibramulisi, A. (2018). Seismic Response Analysis of 3D Finite Element Bridge Model using Time History Loading. <i>International Journal of Civil Engineering and Technology (IJCIET)</i>, 9(7), 430-436. [Scopus]
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	<ol style="list-style-type: none"> 7. Amin, N. M., Kadir, N., and Jamadin, A. (2017). Condition rating system of bridges in Malaysia: A case study. <i>Journal of Engineering and Applied Sciences</i>, 12(4), 787-791. [Scopus] 8. Hamid,R., Ibrahim, N. & Jamadin, A. (2013). Influence of Grinding of Rice Husk Ash to the Workability and Strength of Concrete. <i>International Refereed Journal of Engineering and Sciences (IRJES)</i>, 2(2), 50-54.
<p>Proceeding</p>	<ol style="list-style-type: none"> 1. Saidin, S. S., Kudus, S. A., Jamadin, A., & Amin, N. M. (2021). Modal Frequency of Steel and UHPC U-beam Using Finite Element Analysis. In <i>Proceedings of the Sustainable Concrete Materials and Structures in Construction 2020</i> (pp. 21-28). Springer, Singapore. 2. Siti Shahirah Saidin, Sakhiah Abdul Kudus, Adiza Jamadin, Norliyati Mohd Amin (2021), Comparison of flexural behaviour of composite FRP with UHPC I-beam using finite element analysis, Material Science Forum. 3. Taqarra Khalida Audi Abdul Razak, Sakhiah Abdul Kudus, Adiza Jamadin, Nurul Huda Suliman (2021) Compressive Strength of Ultra High Performance Concrete (UHPC) Containing Palm Oil Mill Effluent (POME), Material Science Forum. 4. Jamadin, A., Ibrahim, Z., Jumaat, M.Z., and Wahab, E.S. , Vibration analysis of damaged reinforced concrete bridge deck slab due to static loading, <i>ASEM 15: The 2015 World Congress on Advances in Structural Engineering and Mechanics</i>, Incheon, Korea, August (2015).[ISI] 5. Jamadin, A., Ibrahim, Z., Jumaat,M.Z, and Abu Bakar, A., Vibration analysis of damaged reinforced concrete slab due to fatigue and static test, <i>The 13th International Conference on Concrete Engineering & Technology (CONCET2016)</i>, Hotel UiTM, Shah Alam, May (2016).[Scopus] 6. Jamadin, A., Ibrahim, Z., Jumaat, M.Z, Abu Bakar, A., and Shukri, A.A., Vibration Measurements of Fatigued Reinforced Concrete Structures Subjected to High-cyclic Loads, <i>3rd Global Conference on Engineering and Technology</i>, Bangkok, Thailand, December (2017). [ISBN: 978-967-13147-0-8] 7. Hafizah Muhamad Azlan, Zakiah Ahmad, Rohana Hassan, Adiza Jamadin, Shear Strength of Steel and CFRP to Timber Interface, IEEE Symposium on Humanities, Science and Engineering Research, Kuala Lumpur, Jun (2012). 8. Ibrahim, Z., Jamadin, A., Kamarudin, A.F., Ibrahim, A., Daud, M.E. and Madun, A., Ambient Vibration Testing of Partially Damaged Reinforced Concrete Building Structure, <i>Innovation Trends in Multidisciplinary Academic Research</i>, Istanbul, Turkey, October (2014). 9. Adiza Jamadin, Sooi Took Kwong, Development of Plastic Yield Surface for

	Equal Angle, Proceeding World Engineering Congress, Sarawak, Malaysia, (2010).
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