

Dr. Imran Lateef Qureshi

Associate Professor

Civil and Environmental Engineering

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Time at UoN: Since 2014

Academic Qualifications

PhD, Universiti Tun Hussein Onn Malaysia (UTHM), Malaysia, 2012

BE, Quaid e Awam University of Engineering Science and Technology (QUEST) Pakistan, 2004

Teaching Activities

Assessment and Rehabilitation of Structures

Structure Design II (Steel Structure Design, Pre-stress concrete Design).

Dynamics

Engineering Mechanics/Statics

Solid Mechanics/Strength of Materials/Mechanics of Material

Structure II (RCC design for Architectures)

Structure Design I (RCC Design).

Structure I for Architectures

Software Applications in Civil Engineering

Design Project

Hydraulics

Fluid Mechanics

Engineering Geology

Theory of Structure/Structural Analysis 1

Engineering Drawing

Construction Engineering/Construction Methods and Technology

General Engineering Services/Mechanical and Electrical System

Final Year Projects

Research Activities

- Research Interests

Impact Engineering

Modelling and Simulation

Ultra High Performance Concrete

Protective Structures and Technology

- Publications

Article:

1. 2022 A Machine Learning Model for the Prediction of Concrete Penetration by the Ogive Nose Rigid Projectile, Imran Latif, Q.B.a.; Memon, Z.A.; Mahmood, Z.; Qureshi, M.U.; Milad, A. ; Appl. Sci. 2022, 12, 2040. https://doi.org/10.3390/app12042040

2. 2020 Oman Construction Industry Prospective on Cause of Construction Material Waste, Alias Imran Latif , Q. B., Thuraya Bal Arab Al Batashi, Kamran Latif Qureshi; International Journal of Integrated Engineering, 12(1), 243–252.

3. 2020 Numerical Simulation Study on Load Deflection and Strain Curve of UHPFRC Beams Under Static Load, Anas Ammar Al-Kabasi, Ali Saif Al-Wardi , Qadir Bux alias Imran Latif ,

Nasrellah Hassan Ahmed; International Journal of Advanced Science and Technology, 29(10s), 1360 - 1371.

4. 2020 Assessment of Delay Factors in Saudi Arabia Railway/Metro Construction Projects, Raja Khan Mohammed Gopang, Qadir Bux alias Imran Latif, Sasitharan Nagapan; IJSCET Vol 11, No, 2,

5. 2019 Identification of Delay Factor in Oman Construction Industry, Imran Latif, Q. B. alias ., Al Saadi, A. M. D. ., & Abdul Rahman, I.; International Journal of Sustainable Construction Engineering and Technology, 10(1).

6. 2017 New Open CNC Machine Motion Control System for ISO 14649 and ISO 6983, Kamran Latif, Yusri Yusof, Qadir Bux Alias Imran Latif, S. N. S Jamaludin, Wan Muhammad Zaki, Advanced Science Letters, Engineering and Technology, Vol:23, Iss:6, pp:5024-5028(5), 2017-06-06, American Scientific Publishers, USA.

7. 2017 Development of a feature based open soft CNC System,, Kamran Latif, Yusri Yusof, Aydin Nassehi, Qadir Bux alias Imran Latif, International Journal of Advanced Manufacturing Technology, Springer, March 2017, Volume 89, Issue 1–4, pp 1013–1024.

8. 2015 New Open CNC Cell Controller Based on STEP-NC and G Code, Kamran Latif, Yusri bin Yusof, Qadir Bux alias Imran Latif, LAP LAMBERT Academic Publishing [ISBN : 978-3-659-91058-6]

9. 2014 Critical Impact Energy of Flat Nose Hard Projectile Causing Early Scabbing in Concrete Slab, International Journal of Advances in Applied Sciences (IJAAS) IAES. Vol. 3, No3.

10. 2011 Development of Empirical Formula Prediction on Critical Impact Energy for Perforation Phenomena on Concrete Structures, Qadir Bux alias Imran Latif, I.Abdul Rahman, and A.M.Ahmad Zaidi, Journal of Mathematics Research, Vol.3, No. 1, P 83 – 87, [ISSN: 1916-9795 (Print) 1916-9809(Online)].

11. 2011 Ogive Nose Hard Missile Penetrating Concrete Slab Numerical Simulation Approach, Qadir Bux alias Imran Latif, I.Abdul Rahman, A.M.Ahmad Zaidi, International Journal of Advanced Science, Engineering and Information Technology (IJASEIT), Vol. 1, No. 6, P 586-591.

12. 2011 Simulation Study on Effect of diameter and CRH Ratio of Ogive Nose Hard Missile on Required Critical Impact Energy for Penetration of Concrete Targets, Ismail Abdul Rahman, Qadir Bux alias Imran Latif, Ahmad Mujahid Ahmad Zaidi, Norazman Mohamad Nor, Shohaimi Abdullah, Journal of International Review on modeling and Simulations (IREMOS), Vol. 4. No. 3, P 1373 – 1381,

13. 2010 Development of Empirical Prediction Formula for Penetration of Ogive Nose Hard

Missile into Concrete Targets, A.M.Ahmad Zaidi, Qadir Bux alias Imran Latif, I.Abdul Rahman and Muhammad Yusof Ismail, American Journal of Engineering and applied Science AJAS, Vol. 7, Issue 5, P 711 - 716, [ISSN : 1546 – 9239 (Print) 1554 – 3641 (Online)].

14. 2010 Review on Empirical Studies of Local Impact Effects of Hard Missile on Concrete Structures, I.Abdul Rahman, A.M.Ahmad Zaidi and Qadir Bux alias Imran Latif, International Journal of Sustainable Construction Engineering & Technology (IJSCET), Vol.1, No 1, P 73 – 97, [ISSN: 2180-3242 (Print)].

15. 2010 Empirical Formula Prediction on Critical Impact Energy for Scabbing Phenomena on Concrete Structures, I.Abdul Rahman, A.M.Ahmad Zaidi, Qadir Bux alias Imran Latif, and Muhammad Yusof Ismail , Applied Physics Research APR, Vol. 2, No. 2, P 192 – 197, [ISSN : 1916 – 9639 (print) 1916 – 9647 (Online)].

16. 2010 Study on the Analytical Behaviour of Concrete Structure against Local Impact of Hard Missile, A.M.Ahmad Zaidi, I.Abdul Rahman, and Qadir Bux alias Imran Latif, International Journal of Sustainable Construction Engineering & Technology (IJSCET), Vol.1, No 2, P 11 – 39, [ISSN: 2180-3242 (Print)].

17. 2009 Application of Coordinate Resistance Functions on Predicting of Critical Impact Energy of Projectile for Perforation Phenomenon on Concrete Structure, A.M.Ahmad Zaidi, I.Abdul Rahman, Qadir Bux alias Imran Latif and M.I.Ghazali, Journal of Mathematics Research, Vol.1, No. 2, P 13 – 20, [ISSN: 1916-9795 (Print) 1916-9809(Online)].

Book:

1. 2018 Experts Prospective on Construction Delay and Cost Overrun in OMAN , Aysha Mehfoodh Dhiyab Al Saadi, Qadir Bux alias Imran Latif, Ismail Abdul Rahman, LAP LAMBERT Academic Publishing. [ISBN : 978-3-330-35321-3]

2. 2018 Construction Expert`s Prospective on Construction Waste in OMAN , Thuraya Bal Arab Al Batashi, Qadir Bux alias Imran Latif, Sasi Tharanagapan, LAP LAMBERT Academic Publishing, [ISBN : 978-613-8-33113-1]

3. 2018 o Compressive, Tensile, Shear Strength Multi Variable Equation of SFRC, Sheikha Mohammed Saleh Al-Shukaili, Qadir Bux alias Imran Latif, Subhi Abdul Azeez, LAP LAMBERT Academic Publishing. [ISBN : 978-613-8-23788-4]

4. 2015 Critical Impact Energy for Spalling, Tunnelling and Penetration of Concrete Slab impacted with Hard Projectile, Qadir Bux alias Imran Latif, Ismail abdul Rahman, Ahmad Mujahid ahmad Zaidi, KSCE Journal of Civil Engineering, Springer, January 2015, Volume 19, Issue 1, pp 265–273.

5. 2012 Impact Energy of Hard Projectile for Local Damage of Concrete Slab : Penetration, Scabbing and Perforation of Concrete Slab - Impact Engineering., Authors Qadir Bux alias

Imran Latif, Ismail Abdul Rahman, Ahmad Mujahid Ahmad Zaidi, [ISBN : 978–3–659–19468–9] LAP LAMBERT Academic Publishing.

Faculty Administrative Experience

2021 - Present: Humen Resources Development Committee Member - CEA, UON

2021 - Present: MSc Structural Engineering Programme Co-ordinator - CEA, UON

2020 - Present: Member Research Committee CEA - UON

2020 - Present: Member of CEA Board - UON

2019 - Present: GP Co-ordinator Department of Civil and Environmental Engineering - CEA, UON

2014 - Present: Member National Symposium Engineering Final Year Projects (NSEFYP) - CEA, UON

Membership in Professional Bodies

2014-2017: Institute of Research Engineers and Doctors (the IRED)

2014-Present: American Association for Science and Technology (AACIT).

2014-Present: Institute of Research Engineers and Doctors (the IRED)

2012-Present: International Association of Engineers (IAENG)

2012-Present: International Association of Protective Structures (IAPS)

Award and Recognitions

2012 Best PhD Student Award Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia (UTHM), Malaysia.

2011 President of Graduate Student Association (GSA), Universiti Tun Hussein Onn Malaysia (UTHM), Malaysia

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