

Curriculum Vitae

Ali Abdulhussein Jawad Al-Ghalib

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PERSONAL SUMMARY:

PhD, Structural dynamics and damage identification in structures using modal testing

Lecturer in structural analysis and design

EDUCATION:

- PhD. Civil Engineering/ Structures, Damage and Repair Identification in RC Beams Modelled with Various Damage Scenarios Using Vibration Data, 2013, Nottingham Trent University, Nottingham, UK.
- MSc. Civil Engineering/ Structures, Dynamic Response of Plate Girder Bridges to Moving Vehicles, University of Baghdad, 1993, Average 85.10%, Baghdad, IRAQ.
- BSc. Civil Engineering, University of Baghdad, 1987. Average 83.23%, Baghdad, IRAQ.

ACADEMIC HONORS AND AWARDS:

- Ranking 9th out of 160 students, Civil engineering Department, University of Baghdad, 1987.
- Second place on the engineering colleges in IRAQ in a competition organized centrally for the whole engineering colleges where all second year civil engineering students sit to an examination for the course of mechanics of materials. The students achieved the second place on the whole national engineering colleges with a percentage of success of 86% (198 out of 220) in the first attempt of the academic year 1997-1998.

ACADEMIC /TEACHING EXPERIENCE

- Assistance Lecturer, Civil Engineering Department, Engineering College, Al-Mustansiriyah University, Baghdad, IRAQ, 1993-2000.
- Lecturer, Civil Engineering Department, Engineering College, Al-Masyra Al-Kobra University, Tobruk, LIBYA, 2001-2002.
- Assistance Lecturer- Lecturer, Civil Engineering Department, Engineering College, Al-Mustansiriyah University, Baghdad, IRAQ, 2003-2007.
- Lecturer (part time), School of Architecture, Design and The Built Environment, Nottingham Trent University, Nottingham, UK, 2010-2013.
- Lecturer, Civil Engineering Department, Engineering College, Al-Mustansiriya University, Baghdad, IRAQ, 2013-yet.

Courses Taught:

Undergraduate	Postgraduate
<ul style="list-style-type: none">• Mechanics of Materials• Analysis of Structures• Engineering Mechanics• Calculus I & II• Introduction to Structural Engineering, NTU,UK• Structural Engineering, NTU, UK• Engineering Analyses• Numerical Methods• Engineering Drawing• Technical English	<ul style="list-style-type: none">• Research Methodology and English Language Skills• Advanced Strength of Materials, NTU, UK

PROFESSIONAL AFFILIATIONS:

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- Consultant Engineer, Iraqi Engineers' Union
 - Member, Iraqi Engineers Nexus
 - Member, Iraqi Teachers Union

PUBLICATIONS:

Refereed Journal Papers

- Dhia B. Ghailan, Ali A. Al-Ghalib, Magnetic alignment of steel fibers in self-compacting concrete, Australian Journal of Structural Engineering, Published online July 2019, /doi.org/10.1080/13287982.2019.1643642
- Ali Abdulhussein Al-Ghalib, Laith Sadiq Al-Assadi, Preservation of the Heritage Values of Iraqi Traditional Houses, Journal of Engineering and Sustainable Development Vol. 22, No. 05, September 2018.
- Ali Abdulhussein Al-Ghalib, Sawsan Mousa Mahmoud, The Use of Transmissibility Functions for Damage Identification in Reinforced Concrete Beams, Journal of Engineering and Sustainable Development Vol. 22, No. 03, May 2018.
- Ali Al-Ghalib, Fouad Mohammad , Damage and Repair Classification in Reinforced Concrete Beams Using Frequency Domain Data, Journal of Materials and structures, Volume 49, Issue 5, pp 1893-1903, 2015.
- Mujib Rahman, Ali Al-Ghalib, Fouad Mohammad, Anti-vibration characteristics of rubberised reinforced concrete beams, Journal of Materials and structures, Volume 47, Issue 11, pp 1807-1815, 2013
- M.M. Rahman, M. Usman, Ali A. Al-Ghalib, Fundamental properties of rubber modified self-compacting concrete (RMSCC), Journal of Construction and Building Materials, Volume 36, pp 630-637, 2012.
- Ali A. Al-Ghalib, Fouad A. Mohammad, Mujib Rahman and John Chilton, Damage Identification in a Concrete Beam Using Curvature Difference Ratio, Journal of Physics: Conference Series, Volume 305, 2011.

- Ali Abdulhussein Jawad, "Toward an Appeal for Revision on ACI Stress Block Parameters for High Strength Concrete", Journal of Engineering and Development, Baghdad, IRAQ, 2007.
- Ali Abdulhussein Jawad, "Strength Design Requirements of ACI-318-02 Code, BS8110, EuroCode2 for Structural Concrete: A Comparative Study", Journal of Engineering and Development, Baghdad, IRAQ, 2006.

Refereed Conference Papers

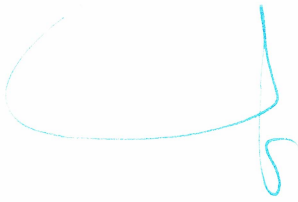
- Ali Al-Ghalib, Fouad Mohammad, The use of modal parameters in structural health monitoring, BCEE3-2017, MATEC Web of Conferences 162, 04020 (2018), doi.org/10.1051/mateconf/201816204020
- Ali A. Al-Ghalib, Fouad A. Mohammad, Mujib Rahman and John Chilton, Damage Identification in a Concrete Beam Using Curvature Difference Ratio, Proceedings of the 9th International Conference on Damage Assessment of Structures (DAMAS), July 2011, St Anne's College, University of Oxford, Oxford, UK.
- Ali A. Al-Ghalib, Fouad A. Mohammad, Mujib Rahman and John Chilton, Non-destructive Assessment of Damaged and Repaired Concrete Beams, Proceedings of the 35th International Symposium on Bridge and Structural Engineering (IABSE-IASS), September 2011, London, UK.
- Ali Al-Ghalib, Fouad Mohammad, Mujib Rahman and John Chilton, Damage and Repair Quantification in Reinforced Concrete Beams Using Vibration Data, Proceedings of the 4th International Conference on Concrete Solutions, September 2011, Dresden, Germany.
- Mohammed Usman, Mujib Rahman and Ali Al-Ghalib, The Use of NDT in Evaluation of Rubber Modified Self Compacting Concrete, Proceedings of the 4th International Conference on Concrete Solutions, September 2011, Dresden, Germany.
- Ali Al-Ghalib, Fouad Mohammad, Mujib Rahman, John Chilton, Experimental Modal Analysis: A complete worked test on RC Beam, Proceedings of the 3rd International scientific conference of Salahaddin University-Erbil (SU-ERBIL2011), October 2011, Erbil, Kurdistan, IRAQ.
- Mujib Rahman, Ali Al-Ghalib and Fouad Mohammad, Vibration And Flexural Properties of Rubberised Concrete Beams, Proceedings of the 7th Central European Congress on Concrete Engineering, September, 2011, Balatonfıjred, Hungary.
- Ali A. Al-Ghalib, Fouad A. Mohammad, Mujib Rahman and John Chilton, Dynamic Parameters of Incrementally Loaded Reinforced Concrete Beams, Proceedings of the 10th International Conference on Recent Advances in Structural Dynamics (RASD), July 2010, Southampton, UK.
- Thamir Al-Azawi, Ali A Jawad, Dynamic Response of Girder Bridges to Moving Vehicle, First Iraqi Technological Conference, Baghdad, IRAQ, 1995.

PROFESSIONAL DEVELOPMENT:

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- Postgraduate certificate in Research Practice, 2010, Nottingham Trent University, Nottingham, UK.
 - Full-time English Language as a foreign language course at advanced level, 7th January- 14th March, 2008. New College Nottingham (NCN), Nottingham, UK.
 - Two-day module on Research Methods for Projects, 21st- 22nd May, 2009, Nottingham Trent University, Nottingham, UK.

- Two-day Vitae workshop 'How to be an Effective Researcher' held at Nottingham Trent University on 21st-22nd October 2009, Nottingham, UK.
- One-day Workshop on the PhD Completion took place on 26th March 2012, Nottingham Trent University, Clifton, Nottingham, UK.
- Training programme on the structural analysis and design by using computer software' ETABS' organized by continuing education unit at College of Engineering, Al-Mustansiriyah University on 5th -21st March 2015, Baghdad, IRAQ.

Last updated: September, 2019



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