Curriculum Vitae

Full name: Dr. Alaa Salam Shakir Al-Husainy

Date & Place of birth: 5/4/1979, Samawah/ Iraq

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Education

- PhD in Structural Engineering

University of Liverpool-Liverpool, UK

May 2017.

Thesis title: "The Impact Response of Recycled Aggregate Concrete-Filled Steel Tube Columns Strengthened with CFRP"

Supervised by Dr. Z. Guan and Dr. S. Jones

- MSc. in Structural Engineering

University of Technology-Baghdad, Iraq

November 2004.

Thesis title: "Nonlinear Finite Element Analysis of Prestressed Concrete T Beams"

Supervised by Dr. I. Al-Shaarbaf

- BSc. (1st Class Hons.) in Structural Engineering

University of Technology-Baghdad, Iraq

June 2001.

Employment and work experience

1. Manager of Construction and projects dept. at Al-Muthanna University / July 2018 to present.
2. Senior lecturer works at civil engineering dept. / college of engineering / Al-Muthanna University / August 2017 to present.
3. Structural consultant and designer, works with private and semi-governmental bureaus of consultancies and engineering design services. I designed and supervised many multi-story buildings and constructions. These constructions

were performed with different functions and all of them were funded by the local government of the Al-Muthanna province, the central government in Iraq and private funding / July 2004 to present.

4. Structural Consultant at the central laboratory of the Bureau of Scientific and Consultancy Services / College of engineering / Al-Muthanna University for steel tests, loading test, non-destructive tests of concrete and concrete core test / August 2017 to present.
5. Vice chancellor for administrative and financial affairs at Al-Muthanna University / 17 November 2019 to 15 December 2019.
6. Lecturer at Dept. of civil engineering and industrial design / School of Engineering / University of Liverpool / January 2017 to June 2017
7. Lab demonstrator at Dept. of civil engineering and industrial design / School of Engineering / University of Liverpool / September 2012 to June 2017.
8. Lab demonstrator at Dept. of mechanical and aerospace engineering / School of Engineering / University of Liverpool / September 2015 to June 2017.
9. Lecturer at the Engineering College / Al-Muthanna University / Iraq / July 2008 to June 2011.
10. Manager of the engineering affairs department / Al-Muthanna University / Iraq from March 2009 to November 2010.
11. Consultant and site engineer in the engineering affairs department / Al-Muthanna University / Iraq / August 2007 to March 2009.
12. Lecturer at the College of Education / Al-Muthanna University / Iraq from December 2006 to July 2008.
13. Estimator, designer and site engineer with the Japanese's contingent in Iraq / June 2004 to May 2006.

Computer skills

1. ABAQUS
2. AutoCAD
3. ARCHICAD
4. SAP2000
5. SAFE2016
6. Revit2017
7. Microsoft Office Word, Excel and PowerPoint

Publications

Journal papers

- A.S. Al-Husainy, Z.W. Guan, S.W. Jones (2019). Modelling the impact response of the recycled and normal concrete filled steel tube columns (submitted).
- A.S. Al-Husainy, Z.W. Guan, S.W. Jones, Q. Wang (2020). The Compression Behaviour of Concrete Filled Steel Tube columns: Experimental and Numerical Investigation (under preparation for submission).
- A. Al-Rifaie, A.S. Al-Husainy, H. Shanbara (2019). Numerical Study on the Behaviour of End-Plate Beam-to-Column Connections under Lateral Impact Loading (2019). International Journal of Structural Engineering, Vol. 10, No. 2, 2020.
- A.S. Shakir, Z.W. Guan, S.W. Jones (2016). The lateral impact response of concrete filled steel tube columns strengthened with CFRP. Engineering Structures, 116, 148-162.

Confernce papers

- A.S. Shakir, Z.W. Guan, S.W. Jones (2015). The compression behaviour of concrete Filled steel tube columns: experimental and numerical investigation. The 3rd International Conference on Advances in Civil, Structural and Mechanical Engineering (CSM), Birmingham, UK.
- A.S. Shakir, Z.W. Guan, S.W. Jones (2014). Nonlinear finite element analysis of concrete filled steel tube (CFST) columns under projectile impact loading. The 5th International Conference on Computational Methods (ICCM), Cambridge, UK / {Best Paper Award}.

Workshops and training courses

- "Intoduction for using Civil 3D software" (Al-Muthanna University-2019)
- "Introduction for using MS project software" (Al-Muthanna Univeristy-2018)
- "Effective tools and strategies for time management and note management" (Liverpool-2016).
- "Effective tools and strategies for enterprises and projects management" (Liverpool-2016).
- "Demonstrator Training" (University of Liverpool-2012).

- "Laser safety" seminar (Univeristy of Liverpool-2012).
- "Basic radiation protection and working safely with radioactivity" (University of Liverpool-2012).
- "Advanced training skills workshop" (Iraq-2009 by the RTI).
- "RTI national in-process review and GIS training workshop" (Iraq-2008 by the RTI).

Awards

- "The best paper awared" for the paper titled "Nonlinear Finite Element Analysis of Concrete Filled Steel Tube (CFST) Columns Under Projectile Impact Loading" which was presneted at the 5th interntional confernce on computational mechanics, Cambridge, England, 2014.
- "Award of Excellence" for the lecturing at the training and development course (Reinforced Concrete Design) for 76 Engineers by the Provincial Reconstrctution Team (PRT) Muthanna 2009.

Membership

- Member of the Institution of Research Engineers and Doctors (IRED).
- Member of the Iraqi Engineers Union.

Language

Arabic (native)
English (fluent)