



Alaa Tawfiq Ahmed

Title: Assistant Lecturer

Specialism: Structural Engineering

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Academic Qualifications

SEQ.	QULIFICATION	FIELD	AWARDING BODY	COUNTRY	DATE
1	BSc	Civil Engineering	Tikrit University	Iraq	2002
2	MSc	Structural Eng.	Tikrit University	Iraq	2005

Research Interests

- Development of concrete structures and steel frames.
- Design of composite materials and hybrid sections.
- Durability of concrete structure subject to erosion.
- Development of concrete and steel bridges.

Employment History

- Now, on leave to do PhD at University of Massachusetts Amherst- USA.
- From 2006-Now, assistant lecturer at Tikrit University.

Teaching

- Concrete design.
- Mathematics.
- Engineering Mechanics.
- Programming.

Languages

- Arabic
 - English
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Memberships

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- Member of the Iraqi Engineers Union (IEU)
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Selected Publications

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- Jomaa'h, M. M. and **Ahmed, A. T.**, 2012. Experimental Study on Bubble Deck Slabs. International Review of Civil Engineering. Vol. 3 Issue 3, p224.
 - **Ahmed, A. T.**, 2011. Simulation of Transient Dynamic Loads on Beams with Variable Velocities. European Journal of Scientific Research. ISSN 1450-216X, Vol.62 No.4 (2011), pp.481-490.
 - Mohammed, H. J.; Ibraheem, A-R E.; **Ahmed, A. T.**, 2011. Lateral Loads Capacity (Twisting) in Analysis of Cantilever Beams. International Review of Civil Engineering. Vol. 54 Issue 3, p427.
 - Mustafa K. Kasim; **Ala'a T. Al-Samarrai**; Abdul-Rahman E. Ibrahim, 2009. Nonlinear Finite Elements Analysis of Reinforced Concrete Shells. Tikrit Journal of Eng. Sciences. Vol. 16, No.3/ September 2009, (1-18).
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