



Dr. Adnan Jayed Zedan

Title: Associate Professor

Specialism: Geotechnical Engineering

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Academic Qualifications

SEQ.	QULIFICATION	FIELD	AWARDING BODY	COUNTRY	DATE
1	BSc	Civil Engineering	University of Salahaddin	Iraq	1986
2	MSc	Geotechnical Eng.	Jordan University of Science and Technology	Jordan	1996
3	PhD	Geotechnical Eng.	Indian Institute of Technology Roorkee	India	2004

Research Interests

- Gypseous soil.
- Bearing capacity of footing under eccentric and inclined loading.
- Unsaturated soils.

Employment History

- From 2008-Now: Associate Professor at Tikrit University – College of Eng. – Dept. of Civil Eng.
- From 1999-2008: Lecturer at Tikrit University – College of Eng. – Dept. of Civil Eng.
- From 1996-1999: Assisstant Lecturer at Tikrit University – College of Eng. – Dept. of Civil Eng.

Teaching

- Site Investigations/ for postgraduate.
- Theory of Elasticity/ for postgraduate.
- Mechanics of Solids/ for postgraduate.
- Adv. Foundations Eng. / for postgraduate.
- Adv. Numerical Analysis/ for postgraduate.
- Deep Foundations/ for postgraduate.
- Underground Structures/ for postgraduate.
- Mathematics/ for undergraduate.
- Concrete Technology/ for undergraduate.
- Strength of Materials/ for undergraduate.
- Eng. Anal. And Num. Methods/ for undergraduate.



Languages

- Arabic
 - English
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Selected Publications

- Al-Sharrad, M.A., Al-Ani, S.M. and **Zedan, A.J.**, 2015. A modified Suction-controlled Triaxial Equipment. *Al-Nahrain University, College of Engineering Journal (NUCEJ)* Vol.18 No.2, pp.152 – 158.
 - Viladkar, M.N., **Zedan, A.J.** and Saran, S., 2015. Nonlinear elastic analysis of shallow footings subjected to eccentric inclined loads. *Geomechanics and Geoengineering*, 10(1), pp.45-56.
 - Viladkar, M.N., **Zedan, A.J.** and Saran, S., 2013. Non-dimensional correlations for design of eccentrically obliquely loaded footings on cohesionless soils. *International Journal of Geotechnical Engineering*, 7(4), pp.333-345.
 - Najah, L., Ahmad, F., Said, M.A.M., and **Zedan, A.J.**, 2013. Collapsibility and Compressibility of Gypseous Soils. *Australian Journal of Basic and Applied Sciences*, 7(7), pp. 196-199.
 - Najah, L., Ahmad, F., Said, M.A.M., and **Zedan, A.J.**, 2013. Effect of additive soils on some geotechnical properties of gypseous soil. *Int J Sci Eng Res*, 4(5), pp.2282-2286.
 - **Zedan, A.J.**, Farhan, E.M. and Alas, W.A., 2008. ECONOMICAL DESIGN OF CIRCULAR FOOTINGS ADJACENT TO SLOPES ON SANDY SOILS. *Tikrit Journal of Engineering Science (TJES)*, 15(3), pp.49-63.
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تأسست سنة ١٩٨٨