

Curriculum Vitae

Dr. Shaimaa Hasan Fadhil

Mustansiriyah University-----College of Engineering

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PERSONAL SUMMARY:

Lecturer Ph. D in civil engineering / Geotechnical Engineering

EDUCATION:

- Ph.D. #1: in Civil Engineering – Geotechnical Engineering - Nahrain University 2015
- M.Sc. #2: in Civil Engineering – Geotechnical Engineering – Nahrain University 2005
- B.Sc. #3: in Civil Engineering – Nahrain University 2002

ACADEMIC HONORS AND AWARDS:

- #1:
- #2:

ACADEMIC / TEACHING EXPERIENCE

- #1: Lecturer in Geotechnical Engineering.

courses Taught:

Under graduate

- Engineering Foundation -forth class – civil department
- Soil Mechanics – third class –civil department

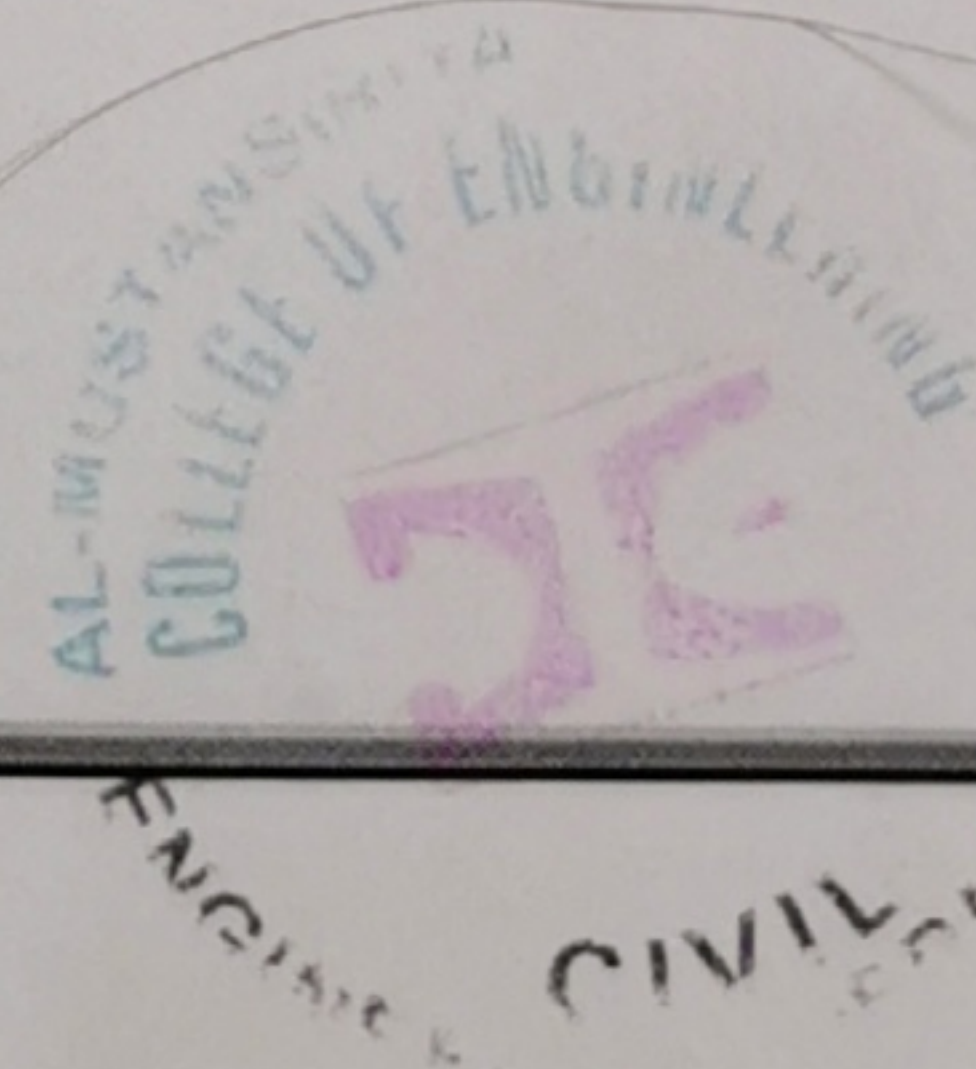
PROFESSIONAL AFFILIATIONS:

- A member of: Scientific, Quality assurance, Plagiarism detection, Examination and Oral discussion of projects committees and many others.
- Review of many scientific researches local and international.

PUBLICATIONS:

- “Enhancing the Strength of Clay-Sand Mixture by Discrete Waste Plastic Strips” (2021), Journal of Applied Science and Engineering

الأستاذ المساعد الدكتور
فiras نزار عبد الحميد
رئيس قسم الهندسة المدنية
معاون المدير
مستشار



- “Behavior of reinforced geopolymer concrete flat slab exposed to high temperature” (2020), Periodicals of Engineering and Natural Sciences, Vol. 8, No. 3, pp.1716-1728, <http://pen.ius.edu.ba/index.php/pen/article/view/1597/657>
- “Measuring pile shaft and tip capacities of a single pile embedded in saturated and unsaturated expansive clayey soil” (2020), IOP Conference Series: Materials Science and Engineering, Volume 737, 4th International Conference on Buildings, Construction and Environmental Engineering 7-9 October 2019, Istanbul, Turkey, DOI: <https://doi.org/10.1088/1757-899X/737/1/012086>
- “Strengthening of Footing by Using Flexural and Shear Reinforcements”, (2020), International Journal of Modern Research in Engineering and Technology (IJMRET), Volume 5, Issue 4.
- “Punching Shear Behavior of Rc Self-Compacting Concrete Footings Resting On Elastic Springs” (2020), Journal of Engineering and Sustainable Development, <https://doi.org/10.31272/jeasd.conf.1.54>
“Effect of Thickness and Steel Fiber Ratio on Punching Shear Failure of Column Footing”, International Journal of Latest Engineering Research and Applications Volume -04, Issue 12, December 2019, PP – 38-43.
- “Structural Behavior of Geopolymer Concrete Thin Wall Panels Based on Metakaolin and Recycled Concrete Aggregate”, (2019), The Open Civil Engineering Journal, Volume: 13, pp. 109- 117. DOI: [10.2174/1874149501913010109](https://doi.org/10.2174/1874149501913010109)
- “Load sharing and behavior of single pile embedded in unsaturated swelling soil”, (2018), European Journal of Environmental and Civil Engineering, Volume 24, 2020 - Issue 12, Pages 1967-1992, <https://doi.org/10.1080/19648189.2018.1495105>
- Prediction of soil water characteristic curve using artificial neural network: a new approach, (2018), MATEC Web Conf. Volume 162, 2018, The 3rd International Conference on Buildings, Construction and Environmental Engineering, BCEE3-2017, DOI: <https://doi.org/10.1051/matecconf/201816201014>
- “Adhesion Factor of Piles Embedded in Unsaturated Swelling Soil”, (2017), INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING
- “Prediction of Soil Degree of Saturation Using Digital Image Processing”, (2017), Civil and Architecture Engineering
- Bending Moment Influence Surfaces for a Rectangular Concrete Plate Simple Supported at Two Parallel edges and Built-In at the Others.

PROFESSIONAL DEVELOPMENT:

- Many Certifications for attendance local and international conferences, Seminars.
- Many scientific conferences as a researcher.
- Giving seminars in Civil Engineering Department / Mustansiriyah University.
- Participate in workshops and Training courses.

الإستاذ المساعد الدكتور
علي جبار كاظم
معاون العميد

الأستاذ المساعد الدكتور
نبراس نزار عبيد
رئيس قسم الهندسة

