

Curriculum Vitae

Osamah Mohammed G. Al-Kerttani

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PERSONAL SUMMARY:

- senior engineer at the General Company for Industrial Design and Construction / Designs Department / Ministry of industrial and minerals for the period from 2001 to 2006.
- Assistant Professor / Major in Building Materials Engineering since 2021.

EDUCATION:

- Ph.D.: Civil Engineering Department Gaziantep University, Gaziantep/Turkey, 2017.
- M.Sc.: Engineering of Building Materials; Department of Building and Construction Engineering; University of Technology. Baghdad/Iraq, 2001.
- B.Sc.: Department of Building and Construction Engineering; University of Technology. Baghdad/Iraq, 1998.

ACADEMIC HONORS AND AWARDS:

- I have many books of thanks and appreciation from the Minister of Higher Education and Scientific Research and the President of Al-Mustansiriyah University and the Dean of the College of Engineering / Al-Mustansiriyah University.

ACADEMIC /TEACHING EXPERIENCE:

- Many subjects have been taught for undergraduate studies in the College of Engineering / Al-Mustansiriyah University.
- Many international and local articles have been evaluated.
- The assignment was made to a group of conferences within the scientific committees.

COURSES TAUGHT:

Undergraduate	Graduate
1- Concrete Technology: 2 nd Class- Civil Engineering Department.	
2- Building Materials: 1 st Class- Civil Engineering Department.	
3- Applied Physics & Chemicals: 1 st Class- Civil Engineering Department.	
4- Engineering Geology: 1 st Class- Civil Engineering Department.	
5- Geology I& II: 3 rd Class- Drilling Branch/Mechanical Engineering Department.	

Osamah Mohammed G. Al-Kerttani

الأستاذ المساعد الدكتور
عنايت محمد الجبالي
معاون العميد للشؤون العامة

PROFESSIONAL AFFILIATIONS:

- Participated in many committees within the department, including the Laboratory Maintenance Committee, Graduation Projects Committee, Student Affairs Committee, Academic Promotions Committee
- Information Committee as the president of the Committee.

PUBLICATIONS:

- **BENDING BEHAVIOR OF FIBERGLASS TEXTILE-REINFORCED THIN GEOPOLYMER MORTAR PANELS.**

Al-Jaberi, L.A., Abbas, Z.W., **Al-Kerttani, O.M.**, Sarhan, M.M. Civil and Environmental Engineering, 2022, 18(1), pp. 280–291.

- **Studying the behavior of geopolymer concretes under repeated loadings.**

Al-Kerttani, O.M.G., Mutar, A. Journal of Engineering and Applied Science, 2021, 68(1), 14.

- **Effect of mineral admixture on the properties of engineered cementitious composite.**

Al-Kerttani, O.M.G., Ibrahim, A.K., Mutar, A., Yousif, M.Z. Periodicals of Engineering and Natural Sciences, 2021, 9(4), pp. 1029–1037.

- **Enhancement the mechanical properties of concrete by using special types of meshes.**

AL-Kerttani, O.M., Al-Taai, S.R., Al-Jabri, L.A. IOP Conference Series: Materials Science and Engineering, 2020, 870(1), 012145.

- **Properties of geopolymer mortar subjected to high temperature.**

Ibrahim, A.K., **Al-Kerttani, O.**, Abbas, S.R. Key Engineering Materials, 2020, 858 KEM, pp. 193–198.

- **Fresh and shrinkage properties of self-compacted concrete when using recycled glass as aggregate.**

Al-Kerttani, O.M.G. Structural Concrete, 2018, 19(4), pp. 1245–1254.

- **Strengths and Failure Characteristics of Self-Compacting Concrete Containing Recycled Waste Glass Aggregate.**

Al-Bawi, R.K., Kadhim, I.T., **Al-Kerttani, O.** Advances in Materials Science and Engineering, 2017, Vol. 2017, 6829510.

- **Rheology and Permeability of Self-Compacting Concretes with Recycled Blue Aggregate**

Osamah Al-Kerttani, Ammar Muttar, and Sana Abdhussain. Journal of Engineering, 2023, Vol. 2023, Article ID 4389771, 9 pages, 10.1155/2023/4389771.

PROFESSIONAL DEVELOPMENT

- Many local and international workshops have been attended.
- Attended many scientific conferences inside and outside Iraq, and participated in two research papers within two conferences, which were published in journals within the Scopus & Clarivate.

Handwritten signature in blue ink.

Handwritten signature in blue ink over a circular stamp. The stamp contains Arabic text: "الأستاذ المساعد الدكتور" (Associate Professor Dr.), "عقاب محمد الربيع" (Aqab Muhammad Al-Rabee), and "معاون العميد للشؤون العامة" (Deputy Dean for General Affairs).