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PERSONAL SUMMARY:

Lecturer of Structural Engineering / Civil Engineering Department / College of Engineering / Mustansiriyah University .

EDUCATION:

- * Intermediate and Secondary School / Baghdad College (1975 1981).
- * B.Sc. Degree in Civil Engineering / College of Engineering / Baghdad University (1985) .
- * M.Sc. Degree in Structural Engineering / Civil Engineering Department / College of Engineering / Baghdad University (1991).

ACADEMIC / TEACHING EXPERIENCE:

* Assistant Lecturer (since: 2013).

* Lecturer (since: 2018).

معاون العميد للشؤون العلمية والدراسات العل

الأستاذ المساعد الدكتور وسام هليسل سنطان نيس قسم المندسة الدنية



COARSES TAUGHT:

- * Construction and Building Materials.
- * Bridges Design (Tutorial).
- * Transportation Engineering.

- * Traffic Engineering (Practical).
- * Workshop.
- * Concrete Technology (Practical).

PROFESSIONAL AFFILIATION:

* Member in Iraqi Engineers Union (since: 1985).

PUBLICATIONS:

- * [Effect of Steel Fiber on Ultrasonic Pulse Velocity and Mechanical Properties of Self-Compact Concrete], International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 6, Issue 8, August 2017.
- * [Improvement of Gypsum Properties Using S.F. Additive], International Journal of Science and Research (IJSR), Volume 6, Issue 8, August 2017.
- * [Effect of Addition of Chopped Carbon Fiber on The Behavior of Reinforced Concrete Beams with Variable (Shear Distance to Effective Depth) Ratios], Journal of Engineering and Sustainable Development (JEASD) مجلة الهندسة والتنمية المستدامة , Volume 22, Issue 1, pp. 137-14, January 2018.
- * [Improvement of Gypsum Characteristics using (T.G.P.) and (P.V.A.) Additives] , International Journal of Science and Research (IJSR) , Volume 7 , Issue 2 , February 2018 .
- * [Evaluation of the Combined Effect of (T.G.P.) and (S.F.) Additives on the Properties of Local Juss], International Journal of Advance Research in Science and Engineering (IJARSE), Volume 7, Special Issue 7, April 2018.

معناون العميد معناون العميد للشؤون العلمية والدراسات العليا

الأستاذ المساعد الدكتور وسام هليـل سلطـان رئيس قسم الهندسة المدنية



- * [Improving the Compressive Strength of Joss by the Addition of (S.F.) and (P.V.A.)], International Journal of Advance Research in Science and Engineering (IJARSE), Volume 8, Issue 7, July 2019.
- * [Evaluating the Effect of Adding S.F. and P.V.A. on the Compressive Strength of Local Gypsum Plaster], International Journal of Advance Research in Science and Engineering (IJARSE), Volume 8, Issue 7, July 2019.
- * [Evaluation of Tensile Strength and Durability of Microbial Cement Mortar] ,
 Recent Technologies in Sustainable Materials Engineering : Proceedings of the 3rd Geo.
 M. East International Congress and Exhibition, Egypt 2019 on Sustainable Civil
 Infrastructures The Official International Congress of the Soil-Structure Interaction
 Group in Egypt (SSIGE) , pp. 80-89 , November 2019 .
- * [A Comparative Study Between the Individual, Dual and Triple Addition of (S.F.), (T.G.P.) and (P.V.A.) for Improving Local Gypsum (Juss) Properties], Recent Technologies in Sustainable Materials Engineering: Proceedings of the 3rd Geo. M. East International Congress and Exhibition, Egypt 2019 on Sustainable Civil Infrastructures The Official International Congress of the Soil-Structure Interaction Group in Egypt (SSIGE), pp. 65, November 2019.
- * [Evaluation of strengthening steel beams using the technique of carbon fiber confinement by a steel plate (CFCSP)], Advances in Civil Engineering Materials, Volume 9, Issue 1, pp. 53-66, February 2020.
- * [Assessment of the Effect of Replacing Normal Aggregate by Porcelinite on the Behavior of Layered Steel Fibrous Self-Compacting Reinforced Concrete Slabs under Uniform Load], Journal of Engineering, Volume 2020, March 2020.
- * [Improvement of Local Gypsum Plaster Setting Time by the Combined Usage of (TGP) and (PVA) Additives], IOP Conference Series: Materials Science and

معاون انعليد للشؤون العلية والدراسات العليا

الأستاذ المساعد الدكتور وسام هليسل سلطسان نيس قسم الهندسة المدندة

ngineering and Advanced Technology

Engineering, 1st International Conference on Engineering and Advanced Technology (ICEAT) 11-12 February 2020, Assiut, Egypt, Volume 870, Issue 1, pp. 012106, June 2020.

- * [Evaluating the Efficiency of Strengthening Hot-Rolled I-Sectioned Steel Beams by using Additional Plates and Inclined Stiffeners with Various Widths], IOP Conference Series: Materials Science and Engineering, 1st International Conference on Engineering and Advanced Technology (ICEAT) 11-12 February 2020, Assiut, Egypt, Volume 870, Issue 1, pp. 012102, June 2020.
- * [Increasing the Setting Time of Local Gypsum (Joss) by the Use of TGP additive], IOP Conference Series: Materials Science and Engineering, 2nd International Conference on Civil and Environmental Engineering Technologies (ICCEET 2020) 10-11 June 2020, University of Kufa, Najaf, Iraq, Volume 888, Issue 1, pp. 12078, July 2020.
- * [A Comparative Study between the Effect of Steel Fiber on Ultrasonic Pulse Velocity (UPV) in Light and Normal Weight Self-Compacting Concretes], IOP Conference Series: Materials Science and Engineering, 2nd International Conference on Civil and Environmental Engineering Technologies (ICCEET 2020) 10-11 June 2020, University of Kufa, Najaf, Iraq, Volume 888, Issue 1, pp. 012081, July 2020.

CONFERENCES PARTICIPATED:

- * 13 $^{\rm th}$ International Conference on Recent Trends in Engineering Science and Management (ICRTESM 2018) .
- * The International Conference : Technological Trends in Engineering and Medical Sciences (ICTTEMS) , Al Nukhba University Collage , 24th 25th April 2019 ,

(Baghdad – Iraq) .

معاون العميد للشؤون العلمية والدراسات العلما

الأستاذ المساعد الدكتور وسام هليسل سنطان المؤتمر العلمي الدولي (موريطال المقاوم العادم الهندسية و الطبية) / كلية النخبة الجامعة / للفترة من 24 – 25 نيسان 2019 .

- * 1^{st} International Conference on Engineering and Advanced Technology (ICEAT) 11-12 February 2020 , Assiut , Egypt .
- * 2nd International Conference on Civil and Environmental Engineering Technologies (ICCEET 2020) 10-11 June 2020, University of Kufa, Najaf, Iraq.

الإستاذ الساعد الدكتور معاون العميد معاون العميد لللؤون العلمية والدراسات العليا

> الاستاذ المساعد الدكتور وسسام هليسل سلطسان رئيس قسم الهندسة الدنية