Curriculum Vitae(2024-2023)

Name Of. Person: Assist Prof. Dr.Zainab Mohammed Ali Hussein

Mustansiriyah University – College of -Engineering
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PERSONAL SUMMARY:

- Ph.D. Doctor of Philosophy in Building and Construction Engineering / Building Material Engineering, University of Technology/ 2017.
  Lecture in Highway and Transportation Department.

EDUCATION:

- Ph.D. : Doctor of Philosophy in Building and Construction Engineering / Building Material Engineering, University of Technology/ 2017.

Thesis title: Behavior of High-Performance Sustainable Lightweight Insulated Concrete Products

- M.Sc Master of Civil Engineering/ Building Material Engineering/ Mustansiriyah University,2008.

Thesis title: The effect of grading aggregates on self-compacting concrete's properties.

- Higher Diploma in Bridge Designs - Building and Construction Department -University of Technology - 2001.
- B.Sc. Civil Engineering - Mustansiriyah University - College of Engineering - 1999.

TEACHING EXPERIENCE:

- Teaching the principles of concrete technology stage II.
- Teaching the designs of concrete mixes of stage II.
- Supervising graduation projects for students of primary studies.
- Evaluation of research for Iraqi journals and conferences.

COURSES TAUGHT:

Undergraduate	Graduate
Principles of concrete technology. Designs of concrete mixes. Building Material.	Advance Concrete Technology

PROFESSIONAL AFFILIATIONS:

Member of the Iraqi Engineers Syndicate.

PUBLICATIONS:

1. The Effect of Accelerated Curing on Compressive Strength of Self–Compacting Concrete, Journal Of Engineering And Development, Vol. 15, No.4, Des 2011 ISSN 1813- 7822.
2. Properties of Sustainable High-Performance Lightweight Aggregate Concrete Reinforced with Fiber, Diyala Journal of Engineering Sciences, Vol. 10, No. 3, pp. 1-13, September 2017.

3. Properties of Artificial and Sustainable Lightweight Aggregate. A patent No.4235, Central Organization for Standardization and Quality (1), 012155.
4. Structural Behavior of Sustainable Hollow Core Slabs Reinforced with Hybrid Fibers, Journal of Engineering and Applied Sciences, 7, 2018.
5. Properties of High-Performance Lightweight Concrete Masonry Units Made with Sustainable Aggregate, Journal of Engineering and Sustainable Development 22 (2520-0917).
6. The Effect of Accelerated Curing on Compressive Strength of Self–Compacting Concrete, Journal Of Engineering And Development, Vol. 15, No.4, Des 2011 ISSN 1813- 7822.
7. Properties of High-Performance Lightweight Concrete Masonry Units Made with Sustainable Aggregate, Journal of Engineering and Sustainable Development 22 (2520-0917).
8. Strengthening self-compacting reinforces concrete slabs using CFRP strips subjected to punching shear, Periodicals of Engineering and Natural Sciences ISSN 2303-4521 Vol. 8, No. 2, June 2020, pp.1024-1034.
9. Flexural Behavior of sustainable High-Performance Hollow Core Slabs Reinforced with Hybrid Fibers Rehabilitated by CFRP sheets. Journal test and Management, March-April 2020 ISSN: 0193-4120 Page No. 10452-10463.
10. Evaluating the mechanical performance of hot asphalt mixtures modified with metakaolin as filler, Periodicals of Engineering and Natural Sciences ISSN 2303-4521 Vol. 8, No. 1, February 2020, pp.113-124.
11. Biological Treatment of Concrete Cracks. A patent No.5988, Central Organization for Standardization and Quality (1), 2019, (183).

Conferences.

1. Behavior of high-performance artificial lightweight aggregate concrete reinforced with hybrid fibres, MATEC Web of Conferences 162, 02001 (2018) *BCEE3-2017.*

2. Improvement of the Properties of High Strength Fly Ash Based Geopolymer Concrete by Using Cement, IOP Conference Series: Materials Science and Engineering 454.

3. Properties of Artificial and Sustainable Lightweight Aggregate, the 17th International Conference on Building Science and Engineering, Berlin, Germany, 2015.

4. Improvement Properties of Self-Healing Concrete by Using Bacteria, IOP Conference Series: Materials Science and Engineering 584 (1), 012034.

5. Shrinkage and impact strength of fiber-reinforced artificial lightweight aggregate concrete, IOP Conf. Series: Materials Science and Engineering,671,(2020) 012118.
DOI:10.1088/1757-899X/671/1/012118.

https://www.researchgate.net/profile/Zainab_Hussein3
https://scholar.google.com/citations?user=l0tP-IYAAAAJ&hl=ar
https://www.scopus.com/authid/detail.uri?authorId=57210655271&featureToggles=FEATURE_AUTHOR_DETAILS_BOTOX:1&at_feature_toggle=1

الأستاذ الدكتور
غالي خالد حسين
معاون العميد للشؤون العلمية

الاستاذ الدكتور
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رئيس قسم هندسة الطرق والنقل

3. Properties of Artificial and Sustainable Lightweight Aggregate, A patent No.4235, Central Organization for Standardization and Quality (1), 012155.
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1. Behavior of high-performance artificial lightweight aggregate concrete reinforced with hybrid fibres, MATEC Web of Conferences 162, 02001 (2018) *BCEE3-2017*.
2. Improvement of the Properties of High Strength Fly Ash Based Geopolymer Concrete by Using Cement, IOP Conference Series: Materials Science and Engineering 454.
3. Properties of Artificial and Sustainable Lightweight Aggregate, the 17th International Conference on Building Science and Engineering, Berlin, Germany, 2015.
4. Improvement Properties of Self-Healing Concrete by Using Bacteria, IOP Conference Series: Materials Science and Engineering 584 (1), 012034.
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السيرة الذاتية (2024-2023)

اسم الشخص الكامل :ا.م.د. زينب محمدعلي حسين

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ملخص تعريفي : م.د. زينب محمد علي حسين السلامي

الجامعة المستنصريه كلية الهندسة – قسم هندسة الطرق والنقل

: المؤهلات الأكاديمية

- بكالوريوس (هندسة مدنية -الجامعة المستنصريه - كلية الهندسة - العراق -1999)
- دبلوم عالي (تصاميم جسور – الجامعة التكنولوجية - 2001)
- ماجستير هندسة مدنية (هندسة المواد الانشائية - الجامعة المستنصرية- كلية الهندسة / العراق - 2008)
- دكتوراه هندسة مدنية (هندسة المواد الانشائية- الجامعة التكنولوجية - العراق / 2017)

الشهادات الدراسية:

- دكتوراه- هندسة البناء والانشاءات- الجامعة التكنولوجية – العراق- 2017
- ماجستير هندسة مدنية (مواد بناء - الجامعة المستنصرية- كلية الهندسة / العراق - 2008
- بكالوريوس (هندسة مدنية – ا لجامعة المستنصريه - كلية الهندسة - العراق - 1999

الخبرة الاكاديمية والتدريس:

- 1999 الى 2005 مهندسة في الجامعة المستنصرية - كلية الهندسة- القسم المدني
- من 2006 الى 2008 طالبة ماجستير
- 2008 الى 2012 تدريسية في قسم هندسة الطرق والنقل .
- 2013 -2017 طالبة دكتوراه في الجامعة التكنولوجية
- 2017 ولحد الان تدريسية في قسم هندسة الطرق والنقل

المقررات الدراسية التي تم تدريسها:

الدراسات العليا	الدراسات الاولية
تكنولوجيا الخرسانة المتقدم.	مواد بناء تكنلوجيا الخرسانة تكنولوجيا الخرسانة الاسمنتية

الانتساب المهني والجمعيات:

- لجان
- استشاري في مختبر المواد الانشائية للمكتب الاستشاري لكلية الهندسة
- اشراف وادارة مختبر المواد الانشائية ومختبر الخرسانة
- لجنة التدريب الصيفي
- الارشاد التربوي والزي الموحد
- لجنة ضمان الجوده

المنشورات العلمية:

- The Effect of Accelerated Curing on Compressive Strength of Self – Compacting Concrete, Journal Of Engineering And Development, Vol. 15, No.4, Des 2011 ISSN 1813-7822.
- Properties of Sustainable High-Performance Lightweight Aggregate Concrete Reinforced with Fiber, Diyala Journal of Engineering Sciences, Vol. 10, No. 3, pp. 1-13, September 2017.
- Properties of Artificial and Sustainable Lightweight Aggregate, A patent No.4235, Central Organization for Standardization and Quality (1), 012155.
- Structural Behavior of Sustainable Hollow Core Slabs Reinforced with Hybrid Fibers, Journal of Engineering and Applied Sciences, 7, 2018.
- Properties of High-Performance Lightweight Concrete Masonry Units Made with Sustainable Aggregate, Journal of Engineering and Sustainable Development 22 (2520-0917).
- The Effect of Accelerated Curing on Compressive Strength of Self – compacting Concrete, Journal Of Engineering And Development, Vol. 15, No.4, Des 2011 ISSN 1813- 7822.
- Properties of High-Performance Lightweight Concrete Masonry Units Made with Sustainable Aggregate, Journal of Engineering and Sustainable Development 22 (2520-0917).
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- Flexural Behavior of sustainable High-Performance Hollow Core Slabs Reinforced with Hybrid Fibers Rehabilitated by CFRP sheets. Journal test and Management, March-April 2020 ISSN: 0193-4120 Page No. 10452-10463.
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