

## السيرة الذاتية

### صفاء عدنان محمد

الجامعة المستنصرية - كلية الهندسة

Email: [safaaadnanm@uomustansiriyah.edu.iq](mailto:safaaadnanm@uomustansiriyah.edu.iq),

ملخص تعريفى: مدرس مساعد صفاء عدنان محمد  
مكان العمل: قسم الطرق والنقل /كلية الهندسة/الجامعة المستنصرية  
الشهادات الدراسية:

شهادة البكالوريوس: قسم الهندسة المدنية / الجامعة المستنصرية  
شهادة الماجستير: قسم البناء والانشاءات / مواد بناء / الجامعة التكنولوجية

#### الجوائز والتكريم الأكاديمي:

1. شهادة تقديرية / رئيس الجامعة التكنولوجية ٢٠١٥
2. درع /المركز الثاني لافضل بحث/المؤتمر الدولي لعلوم التطبيقات الهندسية ICESA 2014
3. الميدالية الذهبية /المركز الثالث /معرض براءات الاختراع بالنماذج الصناعية الاول ٢٠١٨/الجامعة المستنصرية
4. الميدالية الذهبية /معرض (ملتقى رواد الاختراع الدولي ٢٠١٨)/تركيا/اسطنبول/ مركز الابتكار والابداع العراقي (منتدى المخترعين العراقيين)
5. الميدالية الذهبية/ معرض (ملتقى رواد الاختراع الدولي ٢٠١٨)/تركيا/اسطنبول/اتحاد الجامعات الدولي
6. شهادة دولية/ معرض (ملتقى رواد الاختراع الدولي ٢٠١٨)/تركيا/اسطنبول/ منظمه ايفيرست الفرنسية IPIF
7. الميدالية الذهبية / شهادة دبلوما/مؤتمر ومعرض WARSAW الدولي WIS2018 لبراءات الاختراع
8. الميدالية الذهبية /مؤتمر ومعرض الابتكار/وزارة الاعمار والاسكان والبلديات والاشغال العامة ٢٠١٩
9. الميدالية الذهبية / شهادة الدبلوما/معرض ياش الدولي/رومانيا ٢٠١٩

#### الخبرة الأكاديمية والتدريس:

1. معيدة (مهندس اقدم) . ١١ سنة
2. تدريسي (مدرس مساعد) . ٥ سنوات
3. مدرس ٣ سنة
4. استاذ مساعد

#### المقررات الدراسية التي تم تدريسها:

الدراسات الأولية	الدراسات العليا
لغة البيسك(الصف الاول) نظري، عملي مواد البناء (الصف الاول) نظري، عملي برمجة فورتران(الصف الثاني) نظري، عملي برنامج الاوتوكاد (الصف الثاني) نظري، عملي الخرسانه (الصف الثاني) عملي مساحة (الصف الثاني) عملي مهارات حاسوب (صف اول) عملي تكنولوجيا الخرسانة الاسمنتية (صف الثاني) نظري و عملي	

الانتساب المهني او الجمعيات:  
١. مركز الابتكار والابداع العراقي (منتدى المخترعين العراقيين)  
٢. نقابة المهندسين العراقيين

### المنشورات العلمية

١. براءة اختراع /الية سهلة وسريعه لانتاج الخرسانة شبه الشفافة.

2.EVALUATION OF THE MECHANICAL PROPERTIES OF TRANSLUCENT CONCRETE  
DR. SHAKIR AHMED SALIH, DR. HASAN HAMODI JON, SAFAA ADNAN MOHAMED

3. EFFECT OF PLASTIC OPTICAL FIBER ON SOME PROPERTIES OF TRANSLUCENT CONCRETE,  
DR. SHAKIR AHMED SALIH, DR. HASAN HAMODI JON, SAFAA ADNAN MOHAMED: ENG. &TECH.JOURNAL, VOL. 32,PART  
(A), No.12, 2014.

4. EFFECT OF PLASTIC OPTICAL FIBERS ON PROPERTIES OF TRANSLUCENT CONCRETE BOARDS, DR. SHAKIR AHMED  
SALIH, DR. HASAN HAMODI JON, SAFAA ADNAN MOHAMED  
FIRST INTERNATIONAL CONFERENCE ON ENGINEERING SCIENCES' APPLICATIONS, ICESA,P APER DESIGNATION No.  
C41-7.

5. ENHANCEMENT OF MECHANICAL PROPERTIES OF CONCRETE USING SCRIP TO RESIST DYNAMIC HARMONIC LOADING  
STEADY- STATE ANALYSIS OF RCC SLAB. DR.MOHAMMAD MAKKI ABBASS, Lac.ASSIST. SAFAA ADNAN MOHAMAD

6. EVALUATION OF THE EFFECT OF THE MECHANICAL PROPERTIES ON THE PERFORMANCE OF INTERLOCKING CONCRETE  
BLOCK PAVEMENT UNDER THE INFLUENCE OF PETROLEUM PRODUCTS.  
SAFAA A MOHAMAD<sup>1</sup>, MOHAMMED M HASAN<sup>2</sup> AND SANAA A MOHAMMED.

7. INFLUENCE OF LOADING RATIO ON FLAT SLAB CONNECTIONS AT ELEVATED TEMPRATURE:A NUMERICAL STUDY.RWAYDA  
KH.AL-HAMD,MARTIN GILLIE, SAFAA ADNAN MOHAMAD.

8. INVESTIGATING THE EFFECT OF ELEVATED TEMPERATURES ON THE PROPERTIES OF MORTAR PRODUCED WITH  
VOLCANIC ASH  
SAFAA A MOHAMAD, RWAYDA KH. S. AL-HAMD,AND TEBA TARIQ KHALED

9. STUDY THE EFFECT OF MINERAL FILLER ON THE MECHANICAL PROPERTIES OF HOT MIX ASPHALT  
EMAN ABDUL AL- HASAN MOHAMMED,SAFAA A MOHAMAD, TEBA TARIQ KHALED ,AYAR ALZUBAIDI.

10. EVALUATE THE COMPRESSIVE STRENGTH OF CEMENT PASTE MODIFIED WITH HIGH  
REACTIVITY ATTAPULGITE AND AFFECTED BY CURING TEMPERATURE  
LUMA ABDUL GHANI ZGHAIR, HIND HUSSEIN HAMAD, SAFAA A. MOHAMAD, , RWAYDA KH. S. AL  
HAMDD.

11. EVALUATE THE DURABILITY AND EFFECT OF WATER ABSORPTION OF RECYCLED  
AGGREGATE USED IN PAVEMENT , EMAN ABDULHASAN MOHAMMED AL-GHALIBI, SAFAA  
A.MOHAMAD.

12. SURROGATE MODELS TO PREDICT MAXIMUM DRY UNIT WEIGHT, OPTIMUM MOISTURE CONTENT  
AND CALIFORNIA BEARING RATIO FORM GRAIN SIZE DISTRIBUTION CURVE  
SAIF ALZABEEBEE, SAFAA A. MOHAMAD & RWAYDA KH. S. AL-HAMD

13. PROPERTIES OF SUSTAINABLE POLYESTER CONCRETE PAVEMENT WITH VARIOUS TYPES OF RECYCLED AGGREGATES

SAFAA ADNAN MOHAMAD , ISRAA SAEED AL-HAYDARI , GHADAH GHASSAN MASOOD & HUSSEIN MOHAMMED-NOOR KHUDHUR.

14. SCALE EFFECTS OF NON-AERATED FLOW PROPERTIES OVER GABION STEPPED SPILLWAYS

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15. STRESS-STRAIN BEHAVIOR OF SUSTAINABLE POLYESTER CONCRETE WITH DIFFERENT TYPES OF RECYCLED AGGREGATE

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16. USING HIGH REACTIVITY ATTAPULGITE FOR STABILIZING COLLAPSIBLE GYPSEOUS SOIL

SAFAA A. MOHAMADA , HADEEL AMMAR MOHAMMED , HANAN ADNAN HASSAN , MOHAMMED YOUSIF FATTAH.

17. EXPERIMENTAL STUDY OF HMA ABSORPTION ACCORDING TO AGGREGATE TYPES AND ASPHALT GRADE

EMAN A. AL-GHALIBI, ISRAA F. AL-SADI, SAFAA A. MOHAMAD, ABBAS F. JASIM.

تطوير المهارات:

١. مجموعه الاوفيس
٢. الاوتوكاد
٣. HCS
٤. لغة البيسك
٥. لغة الفورتران
٦. IC3 2015
٧. 3D MAX
٨. GIS مستوى اول
٩. طرائق تدريس



الأستاذ المساعد الدكتور  
أحمد الجراح  
معاون العميد للشؤون العلمية



الأستاذ الدكتور  
محمد هاشم محمد  
رئيس قسم هندسة الطرق والنقل

## Curriculum Vitae

SAFAA ADNAN MOHAMAD

Mustansiriyah University – College of engineering  
Email: safaaadnanm@Uomustansiriyah.edu.iq

**PERSONAL SUMMARY:** ASSISTANT LECTURER SAFAA ADNAN MOHAMAD  
**WORKED IN:** HIGHWAY AND TRANSPORTATION ENGINEERING DEPARTMENT, AL-MUSTANSIRIYAH UNIVERSITY,  
BAGHDAD, IRAQ

### EDUCATION:

- B.Sc. degrees in civil Engineering from the University of Al-Mustansiriyah Iraq, in 2002
- M.Sc. degree from the University of Technology-college of engineer- Department of Building and construction material engineering / Building material in 2015

### ACADEMIC HONORS AND AWARDS:

1. A certificate of appreciation/ president of the university of Technology
2. Second place for the best search/ICESA4
3. Gold medal/ the third place/First industrial design patents exhibition 2018 / University of Al-Mustansiriyah
4. Gold medal/International pioneers of invention forum 2018/Iraq center of innovation and creativity.
5. Gold medal/International pioneers of invention forum 2018/international union of universities.
6. Award certificate / EUROPE-FRANCE INVENTOR2018/IPIF
7. Gold medal/DIPLOMA certificate /WARSAW invention show IWIS 2018
8. Gold medal/Conference and fair of innovation 2019
9. Gold medal/ DIPLOMA certificate/EUROINVENT 2019-European exhibition of creativity and innovation.

### ACADEMIC /TEACHING EXPERIENCE:

1. Engineer (teaching Assistant) 11 years
2. ASSISTANT LECTURER 5 years
3. LECTURER 3 years
4. Assist.prof.

### COURSES TAUGHT:

Undergraduate	Graduate
BASC programming language (first class) theoretical, laboratory	
Building material (first class) theoretical, laboratory	
FORTTRAN programming language (second class) theoretical, laboratory	
Principles of Auto cad 2D (second class) theoretical, laboratory	
Principles of concrete technology (second class) laboratory	
Engineering surveying (second class) laboratory	
Concrete technology (second class) theoretical, laboratory.	

## PROFESSIONAL AFFILIATIONS:

1. Iraq center of innovation and creativity.
2. Iraq engineers union

## PUBLICATIONS:

1. PATENT/ EASY AND FAST MECHANISM FOR PRODUCE TRANSLUCENT CONCRETE  
SAFAA ADNAN MOHAMED , DR. SHAKIR AHMED SALIH, DR. HASAN HAMODI JON, SAFAA ADNAN MOHAMED
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#### PROFESSIONAL DEVELOPMENT

1. Microsoft office
2. Auto cad 2D
3. Hcs
4. BASC programming language
5. FORTRAN programming language
6. IC3 2015
7. 3D MAX
8. GIS
9. Teaching method certificate.



الأستاذ المساعد الدكتور  
علي عادل زهير  
معاون العميد للشؤون العامة



الأستاذ الدكتور  
محمد هاشم محمد  
رئيس قسم هندسة الطرق والنقل