

Ahmed Saad Kadhim

Ph.D. MATERIALS SCIENCE ENGINEER

I'm Dr. Eng. in materials engineering, graduated from the University of Technology–Baghdad–Iraq. My Ph.D. certificate qualification has been recognized in Germany. I am a practitioner engineer and a member of the Iraqi Engineers Union.



CONTACTS



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2. May. 1991 – Iraq

SKILLS

Microsoft Office	★★★★★
Internet	★★★★★
MLabSci	★★★★☆
AutoCAD	★★★☆☆

ABILITIES

Concrete Tests
 Cement, sand, and gravel Tests
 NDT Inspections
 QC/QA Materials Engineer
 Welding Inspection
 Corrosion Types & Their Protection
 Cracks and Defects Inspection
 Coating Inspection

LANGUAGES

Arabic	██████████
English	██████████
Deutsch	█ Beginner

EDUCATION

Ph.D.

Sep. 2016 – Jan. 2020

UNIVERSITY OF TECHNOLOGY – BAGHDAD, IRAQ

A Doctor of Philosophy in Materials Science Engineer.

Major scientific qualifications:

- ✓ Sustainable & building materials, cement, concrete admixture materials.
- ✓ Ceramic & refractories materials, metallic & nonmetallic materials.
- ✓ Ferrous & nonferrous alloy, phase transformation and heat treatments.
- ✓ Polymer & composite materials, powder technology.
- ✓ Corrosion science & surface engineering coating, materials characterization.

MSc

Sep. 2013 – Nov. 2015

UNIVERSITY OF TECHNOLOGY – BAGHDAD, IRAQ

Master's degree in Materials Science Engineer.

BSc

Oct. 2009 – Jun. 2013

UNIVERSITY OF TECHNOLOGY – BAGHDAD, IRAQ

A Bachelor degree in Materials Science Engineer.

EXPERIENCE

LECTURER

Mar.2023 - present

University of Diyala – College of Engineering – Diyala , IRAQ

Project Manager

July 2020 – present

Al_ Sebtayin Lab – KARBALA, IRAQ

Site Manager and consultant materials engineer with Al_Sebtayin Engineering Field lab in Karbala refinery project. Responsible to test (Raw materials of concrete, and concrete tests)

LECTURER – (Part Time)

Nov. 2021 – Feb.2023

Al – Esraa College University – BAGHDAD , IRAQ

Dr. Eng. Academic Lecturer, teaching the following subjects: Nano and smart building materials, Construction and building materials tests, Materials science and Quantity Surveying.

CONSULTANT

Dec. 2019 – Oct. 2021

HEXAGON ENGINEERING GMBH – BAGHDAD, IRAQ

Advisor engineer at Hexagon Engineering GMBH company in construction project in Samarra – Iraq.

ENGINEER

OCT. 2017 – Jul. 2019

Al_ Sebtayin Lab– KARBALA, IRAQ

Site engineer with Al-Sebtayin laboratory in Karbala refinery project.

ENGINEER

Jan. 2014 – Aug. 2016

AL – BANAN COMPANY– KARBALA, IRAQ

Materials engineer with Al-Banan company in Karbala refinery project.

ENGINEER*Jun. 2013 – Sep. 2013***HEXAGON ENGINEERING GMBH – NAJAF, IRAQ**

QC/QA Materials engineer at Hexagon Engineering GMBH company.

CONFERENCES**ISTANBUL TECHNICAL UNIVERSITY – ISTANBUL, TURKEY***2019*

4th International Conference on Buildings, Construction and Environmental Engineering

UNIVERSITY OF TECHNOLOGY – BAGHDAD, IRAQ*2019*

2nd International Conference on Materials Engineering & Science.

UNIVERSITY OF KARBALA – KARBALA, IRAQ*2019*

3rd International Conference on Engineering Sciences

RESEARCH PAPERS

- **Science Direct: Materials Today: Proceedings**
“Properties of Self-Compacting Mortar Containing Nano Cement Kiln Dust”
- **IOP: Materials Science and Engineering**
“The Effects on the Properties of Self-Compacting Mortar of Using Stainless Steel Blast Furnace Slag as a Sustainable Nano Material Addition”
- **IOP: Materials Science and Engineering**
“Properties of Self-Compacting Mortar Containing Nano Blast Furnace Slag”
- **Engineering and Technology Journal**
“Properties of Self-Compacting Cementitious Composite Materials Containing Cement Kiln Dust Powder”
- **Engineering and Technology Journal**
“High Performance Concrete Improvement by STYRENE-BUTADIENE Rubber Addition”
- **Key Engineering Materials**
“Comparing the Mechanical Behavior of Lamination Resin Reinforced with Two Types of Organic and Inorganic Particles Used in Prosthetic Applications”
- **Desalination and Water Treatment**
“Effective W/O emulsion performance to extract the antibiotic co-trimoxazole from waste water”