

Curriculum Vitae

Omar Hussein Khalifa

Lecturer, PhD, MSc, BSc.
Faculty of Engineering-Tanta University-Egypt



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Personal Data

First name : Omar
Last name : Hussein Kamel Ali Khalifa
Place of birth : Kafr El Zayat – Tanta – Gharbiya
Date of birth : 18th April 1987
Nationality : Egyptian
Religion : Muslim
Marital status : Married
Military Status : Exempted

Education & Qualifications

Post Graduate Studies

Qualification : PhD in Civil Engineering.
Institution : Faculty of Engineering, Tanta University, Structural Engineering Dept.
Specialization: Properties and Testing of Materials.
Thesis Title : Performance of fibrous rubberized geopolymer based composites
Year : 2023

Qualification : M.Sc. in Civil Engineering.
Institution : Faculty of Engineering, Tanta University, Structural Engineering Dept.
Specialization: Properties and Testing of Materials.
Thesis Title : Evaluating the Performance of Portland Cement Based Materials Modified by Pozzolanic Materials and Nano Particles
Year : 2016

Undergraduate Studies

Qualification : B.Sc. in Civil Engineering.

Institution : Faculty of Engineering, Tanta University, Structural Engineering Dept.

Specialization: Civil Engineering (Structural Engineering)

Cumulative grade: Very Good with Honor (82.59 %)

Year : 2009

Computer skills

► **Programs**: *AutoCAD , Sap2000 , Safe & CSI column*

► Excellent In (AutoCAD , Sap 2000 , Safe).very good in CSI column program.

► **Internet**: Excellent deal with web applications.

► **Microsoft® Office**: (Word, Excel, Power Point) Very Good.

► **Maintenance**: Trouble shooting, software, integration of pc windows.

Languages

Arabic : Native

English: **IELTS Academic Score**: 6.0 **Test Date**: 28/09/2019

Employment history

- I have worked as a lecturer in the Structural Engineering Department at Tanta University since 31-01-2024.
- I have worked as the technical manager of the Properties and Testing of Materials Lab at the Faculty of Engineering at Tanta University since 2021. The lab is accredited by the EJAC according to ISO17025: 2017.
- I have undertaken a Student Exchange (Erasmus+ Research Placement: “Corrosion performance of Zn coated EN24 steel in the presence of nitric acid) at the University of Bradford, United Kingdom, under the European Union Exchange Scheme, from 7 September 2020 to 6 December 2020.
- I have been an assistant lecturer in the Structural Engineering Department - Tanta University from 2016 until 2023.
- I have been a Lab. Tests Supervisor in Properties and Testing of Materials Lab. - Faculty of Engineering – Tanta University since 2012 until now.
- I worked as a Demonstrator in the Structural Engineering Department - Tanta University from 2010 to 2016.
- I worked as a civil engineering designer at Imad Abdel Aziz Real Estate Investment Company in Tanta from 2010 to 2014.

Publications

- Abd-Elaty, M. A. A., Ghazy, M. F., & Khalifa, O. H. (2023): ***Mechanical and Impact Properties of Fibrous Rubberized Geopolymer Concrete***. Mansoura Engineering Journal, 48(4), 5.
- Abd-Elaty, M. A. A., Ghazy, M. F., & Khalifa, O. H. (2022): ***Mechanical and thermal properties of fibrous rubberized geopolymer mortar***. Construction and Building Materials, 354, 129192.
- Mariam F. Ghazy, Metwally Abd A. Abd Elaty, Omar H. Khalifa (2021): ***Properties of Portland cement concrete cast with magnetized water: a review***. Challenge Journal of Concrete Research Letters 12 (2) (2021) 58–71.
- Aladdin M. Sharkawi, Metwally A. Abd-Elaty, Omar H. Khalifa (2018): ***Synergistic influence of micro-nano silica mixture on durability performance of cementious materials***. Construction and Building Materials 164 (2018) 579–588.
- Omar H. Khalifa, Alaa El-Din Sharkawi, Metwally A.A. Abd Elaty (2015): ***Durability Characteristics of Portland Cement Based Materials Modified with Pozzolan Materials***. International Conference on Advances in Structural and Geotechnical Engineering (ICASGE'15) 6-9 April 2015, Hurghada, Egypt.