

Abdullah Sinan Ahmed



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<https://scholar.google.com/citations?hl=en&user=Cbyjsn4AAAAJ>



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Lecturer – Civil Engineering Department / Al-Mansour University College.

EXPERIENCE

Academic Experience

2013 –2022

Lecturer - Al-Mansour University College

Supervision graduating projects, teaching various undergraduate civil engineering subjects:

Mechanics of Materials, Reinforced Concrete Design, Structural Analysis by STAAD Pro.

2020 – 2021

Head of Civil Engineering Dept. - Al-Mansour University College

2019 –2020

Lecturer - Al-Mansour University College

Professional Experience

2008 – till now

Structural Engineer - Alani & Alshamma Consultancy Bureau:

Duties involve structural engineering design, modeling, analyzing, calculations, planning and layout. Also contribute in project specifications, and project proposals. Assist in analysis and design for concrete and steel structures, bridges in accordance with standards and governing codes (ASHTOO, ACI, BS, IBC, ASCE, Eurocodes and other codes of relevant) applying Computer Analysis Software (STAAD Pro, ETABS, Scia Engineer and CSI Bridge). Duties involve also providing preliminary draft or drawing for scheme/blueprint, and produce final detailed design reports, design drawings for several projects:

- Fallujah Overpass, in Fallujah City, 2007.

- Palestine Bridge, in Remadi, 2008.
- Jordan Intersection, in Fallujah, 2008.
- Farouq Medical Center, in Sulaymania, 2009.
- Kirkuk Ring Road Project, which was include design for several interchanges, river crossings and overpasses in Domiz, Laylan, Taza, 2009.
- Bayka Bridge, in Sudan, 2010.
- Azadi Intersection, in Kirkuk City, 2011.
- Design of Surge tanks - Intake Structure - Rusafa New WTP, in Baghdad, 2011.
- Dijla College - Scientific Dept. Bldg, in Baghdad 2012.
- Madinat Al-ilm College – (Structural design revision for nine buildings), in Baghdad 2011.
- Baiji De stacking Hall (Steel Structure) at Baiji City, 2013.
- Rehabilitation of Khalid Bin Al-Waleed Bridge / Basrah, 2013.
- Design of New Zubair Bridge, 2018.
- Rehabilitation of Al-Mosul Fourth Bridge/ Mosul, 2019.
- Other small structures including private buildings, houses and storages.

2006 – 2007

Civil Engineer – GERSO Contracting Co.

Studying BOQ , specifications and preparing time schedule and reports concerning different projects.

EDUCATION

- July 2013
Ph.D. Civil Engineering / Structural Engineering / University of Al-Nahrain, Iraq.
- September 2008
M.Sc. Civil Engineering / Structural Engineering / University of Al-Nahrain, Iraq.
- May 2004
B.Sc. in Civil Engineering, University of Al-Nahrain, Iraq.

SKILLS

- Over twelve years of experience in structural design of several concrete and steel structures and bridges.
- Familiar with drawings, bills of quantities, reports and other documents related to structural design.
- Ability to interact with the office and construction teams.
- Very Good communication skills.
- Proficient in AutoCAD, STAAD Pro, CSI packages and Ansys.

PUBLICATIONS

- Analysis of Ribbed Retaining Walls by Grillage Method , *Al-Nahrain Journal* vol. 2 – 2008.
- Behavior of Reactive Powder Concrete Deep Beams , *Al-Mansour Journal* vol. 20-2013.
- Behavior of Two-Way Fibrous High Strength Concrete Slabs Reinforced with GFRP Bars Under Uniformly Distributed Loads, *STRUCTURAL INTEGRITY AND LIFE / Available Online.*
- Rehabilitation of Box Girder Bridge, *Proceedings of International Structural Engineering and Construction, The Ninth International Structural Engineering and Construction Conference (ISEC-9). Valencia, Spain July 24 - 29, 2017.*
- Flexural Performance of Concrete Beams Reinforced by GFRP Bars and Strengthened by CFRP sheets, *Case Studies in Construction Materials / Available Online.*
- Different Variable Effects on Bond Strength of Normal, High and Ultra High Strength Concrete. *International Journal of Civil Engineering and Technology (IJCIET) / Available Online.*

AWARDS, THANKS & APPRECIATION, AND PATENTS IF ANY

- Many Awards from college dean office.
- No Patents.

