ABDULLAH SINAN AHMED

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https://scholar.google.com/citations?user=Cbyjsn4AAAAJ&hl=en&oi=ao

Ph.D. Structural Engineering, Department of Civil Engineering at Al-Mansour University College, Baghdad, Iraq.

EXPERIENCE

2013 – NOW:

LECTURER, Department of Civil Engineering, Al-Mansour University College.

Preparation and presentation of theoretical lectures on Mechanic of Materials, Reinforced Concrete Design mechanics, Computer Applications in Civil Engineering.

A MEMBER OF EXAMINATION, SOCIAL ACTIVITY, AND EDUCATIONAL GUIDANCE COMMITTEES, Department of Civil Engineering, Al-Mansour University College.

2007 – 2019 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 02, and other codes of relevant) applying Computer Analysis Software (STAAD Pro, ETABS, and Scia Engineer). 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 buildings), in Baghdad 2011.
  - Baiji De stacking Hall (Steel Structure) at Baiji City, 2013.

2006 – 2007 Civil Engineer – GERSO Contracting Co.

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

EDUCATION

2013:

PH.D. CIVIL ENGINEERING / STRUCTURAL ENGINEERING / UNIVERSITY OF AL-NAHRAIN, IRAQ.

Thesis title "Geo-Structural Elastic Analysis of Ribbed Retaining Walls by Grillage and Finite Element Methods".

2008:

M.SC. CIVIL ENGINEERING / STRUCTURAL ENGINEERING / UNIVERSITY OF AL-NAHRAIN, IRAQ

Thesis title "Behavior of Reactive Powder Concrete Deep Beams".

2004:

B.SC. IN CIVIL ENGINEERING, UNIVERSITY OF AL-NAHRAIN, IRAQ

MAY – NOV 2012:

VISITING SCHOLAR, BTU, Technische Universität Berlin, Deutschland.

OTHER CERTIFICATIONS

- Course in Structural analysis and design using STAAD Pro, Computer Center / Consultative Bureau of Information System and Computers - 2006.
- Course in AutoCAD, Computer Center / Consultative Bureau of Information System and Computers - 2007
- Practical, hands-on practices for general and Bridge Analysis and Design, held by Nemetschek, Scia Engineer, 2011, Baghdad.
- Teaching Methods, Continues Education Center, CEC, University of Technology, Baghdad, Iraq, 2015.
- IC3 Certification, Internet and Computing Core, Standard Living Online, 2011.

SKILLS

Proficient in:

- Microsoft Office,
- AutoCAD,
- Etabs,
- Safe,
- ANSYS,
- CSI Bridge
- SAP2000.
- STAADPro

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
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AWARDS, THANKS & APPRECIATION, AND PATENTS IF ANY

- Four thanks and appreciation from Dean of Al-Mansour University College during the period of my job.

PROJECTS SUPERVISOR, Department of Civil Engineering, Al-Mansour University College.

Project titles:

- Design of Prestressed Bridge Girders.
- Estimation of Seismic Loads on Buildings.
- Effect of various types of fibers on RC Characteristics.
- Design of Prestressed Flat Slabs.
- Comparison of Direct Design Method and Equivalent Frame Methods in Designing Two Way Slabs.