



Name

Dr. HUSEIN A. ALZGOOL

• Contact Information

Name: Husein Aref Ali Alzgool
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• Education – degree, discipline, institution, year .

- Ph.D., TECHNICAL SCIENCES, The Rostov Civil Engineering Institute, Russia, 1991.
- M.Sc. and B.Sc., INDUSTRIAL and CIVIL CONSTRUCTION, The Rostov Civil Engineering Institute, Russia, 1988.
- DIPLOM, the specialty “INDUSTRIAL and CIVIL CONSTRUCTION”, Rostov-on-Don Building Technicum, Russia, 1984.

• Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when (ex. 2015-2019), full time or part time

- Dean of the Faculty of Engineering, Ajloun National University, Applying National and international Educational standards, 2017-2020.
- Associate Prof, Civil Engineering Dept., Supervise Graduation projects and perform in class education, Ajloun National University, 2015 – 2022.
- Research Assistant on « Reinforced Concrete and Masonry Structures» Department and «Building Materials» department, Rostov State Building University, 1994-2004

• Non-academic experience – company or entity, title, brief description of position, when (ex. 1994-2014), full time or part time

- AL-SHARK LTD., Deputy Director of Construction, Rostov-on-Don, Russia 2004-2014.
- ROMA STROYSERVIS LTD., Director of construction projects of company, Rostov-on-Don, Russia, 1991-1994.

• Certifications or professional registrations

- Registered Engineer, Jordan Engineers Association 1993.

• Current membership in professional organizations

- Jordan Engineers Association.

• Honors and awards

(None)

• Service activities (within and outside of the institution)

- Workshop at the Jordan Engineers Association, Engineering Softwares, Ajloun, 2019.
- Full lecture course, Concrete and reinforced concrete, Rostov State Building University, 1994.



- Guide and manage construction projects, quality control of construction Materials (cement, sawn- timbers, metal, etc.). 2004 – 2014.
- Full Lecture Course, Building Materials, Rostov State Building University, 1994.
- **Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation**
 - Reinforced- Concrete bond with brine and olive oil mill wastewaters, Civil Engineering Journal, vol.8, no.2, 2022, pp. 319-333, **Husein A. Alzgool**, Ahmad S. Alfraiha and Hadeel Alzgool.
 - Sustainable Use of Brine Water in Concrete Cement Mixes Alter Compression-Bending Strengths, Zeyad A. Alshboul¹, **Husein A. Alzgool¹**, Hadeel Alzgool¹, International Review of Civil Engineering (I.R.E.C.E.) vol. 13, no. 1, 2022
 - The Effect of using Olive Oil Mill Wastewater on Bending and Compression Properties of cement mortar, International Journal on Emerging Technologies (IJET) vol. 12, no. 4, 2021, pp. 85-91, **Husein A. Alzgool**, Zeyad Alshboul, Ahmad S. Alfraiha, Hadeel Alzgool.
 - Strength Characteristics of Concrete with Brine and Olive Oil Mill Wastewaters, IJERT, volume 12, Number 10, pp. 2831-2838, 2020, **Husein A. Alzgool**.
 - Numerical Solution of Heat Transfer in MHD Mixed Convection Flow Micropolar Casson Fluid about Solid Sphere with Radiation Effect. , International Journal of Engineering Research and Technology (IJERT), (2019), **Husein A. Alzgool**, Hamzeh T. Alkasasbeh, Sana Abu-ghurra, ZainAl-houri, Mohammed Z. Swalmeh.
 - Similarity solution of Heat Transfer for the Upper-Convected Maxwell Casson Fluid over a Stretching/Shrinking Sheet with Thermal Radiation, JP Journal of Heat and Mass Transfer., 17(1) (2018) 1-17, Alkasasbeh, H. T.,Sana Abu-Ghurra, **Husein A. Alzgool**.

10. Briefly list the most recent professional development activities

- The Board Member of the Faculty of Engineering for the academic year (2015/2016 , 2016/2017, 2017/2018 , 2018/2019 , 2019/2020, 2020/2021, 2021/2022)
- Workshop entitled : "The Real Steam Sterilization with Pre-Vacuum and post – vacuum " , 20/12/2016. Organisers - "Industrial Research and Development fund " .
- "The first international conference on geospatial information management – Mapping the future " , 12 – 14 / 9 /2017 , Organisers - " Royal Jordanian Geographic Center " .
- A workshop entitled : "The art of invention and its sciences", 25/9/2017, Organisers - Jordan Engineers Association.
- Workshop entitled : "Industry Academia Partnership Program", 8/10/2018 , Organisers - "Industrial Research and Development fund " .
- Workshop entitled: "Promoting competitiveness in the engineering sector through global reliability", Organisers - Jordan Engineers Association.
- Workshop entitled: Member of the committee supervising the Queen Alia Competition for "GO-GREEN" , 2017/2018.
- Supervising the graduation projects for the academic years 2017/2018 , 2018/2019, 2019/2020, 2020/2021, 2021/2022.