

# Academic Curriculum Vitae



## Personal Information:

Full Name: Zrar Sedeeq Othman

Academic Title: Lecturer

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## Education:

- 1994 BSc in Civil Engineering, University of Salahaddin-Erbil, Iraq
- 2006 MSc in Structural Engineering, University of Salahaddin-Erbil, Iraq
- 2021 PhD in Structural Engineering and Construction Materials, University of Salahaddin-Erbil, Iraq

## Employment:

- 1994 Engineer, Ministry of Reconstruction and development, Erbil
- 1995-2006, Teaching Assistant, College of Engineering, Salahaddin University-Erbil.
- 2006- 2024, Academic Staff, College of Engineering, Salahaddin University-Erbil.

## Qualifications

- Method of teaching, 6-9-2008 to 17-3-2008 Salahaddin University-Erbil
- Toefl Preparation Course, Jun 2 to August 9, 2010 Amideast, Erbil
- Advanced Course in ETABS and SAFE, Jun 1 to Jun 11, 2014, Salahaddin University-Erbil

## Teaching experience:

1. Highway Lab, 9 years as Teaching Assistant.
2. Survey Lab, 1 year as Teaching Assistant
3. Concrete Lab, 6 years. (BSc)
4. Descriptive geometry, 5 years. (BSc)

5. Concrete Technology, 1 years. (BSc)
6. Engineering Mechanic, 7 years. (BSc)
7. Survey Lab, 1 years. (BSc)
8. Mechanics of Materials, 3 years. (BSc)
9. Construction Materials, 2 years. (BSc)
10. Applied Statistics, 2 years. (Diploma)
11. Engineering Statistics/ 4 years. (BSc)
12. Engineering Statistics, 1 year. (Diploma)
13. Reinforced Concrete, 2 years. (BSc)

## Research and publications

- "Shear Strength and Behavior of Reinforced High-Strength Concrete Corbels", M.Sc. thesis
- "Prediction of Shear Strength of Reinforced High Strength Concrete Corbels", ZANCO journal of pure and applied sciences, Vol.21, No. 2, 2009.
- "Ultimate Shear Strength of Reinforced High Strength Concrete Corbels Subjected to Vertical Load", AL Rafdain Engineering Journal, Vol.18, No.1, 2010.
- "Punching Shear Strength of Reinforced Concrete Flat Plate Slabs Containing Carbon Fibers", Journal of Raparin University, Vol.3, No.9, 2016.
- "Shear Strength and Behavior of Reinforced Concrete Corbels Containing either Carbon Fibers or Stirrups", ZANCO journal of pure and applied sciences, Vol.29, No. 5, 2017.
- "Behaviour of Eccentric Concrete Columns Reinforced with Carbon Fibre-Reinforced Polymer Bars", Advances in Civil Engineering, Volume 2019, Article ID 1769212, 13 pages <https://doi.org/10.1155/2019/1769212>, 2019.
- "Behavior of Concrete Columns Reinforced with CFRP Rebars Under Eccentric Loading", Ph.D. Dissertation, 2020.

## Conferences and courses attended

- SECOND INTERNATIONAL CONFERENCE on ECOLOGY, ENVIRONMENT and ENERGY, ISHIK UNIVERSITY, ERBIL 11 April, 2015. (as attendance)
- 6<sup>th</sup> Annual Conference for University Students, Salahaddin University-Erbil, 24-25 April, 2024. (as attendance)

## Funding and academic awards

- List any bursaries, scholarships, travel grants or other sources of funding that you were awarded for research projects or to attend meetings or conferences.

## Professional memberships

- Kurdistan Engineers Union.
- Kurdistan Teachers Union.
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## Professional Social Network Accounts:

- ReserchGate; <https://www.researchgate.net/profile/Zrar-Othman>
- Google Scholar; <https://scholar.google.com/citations?hl=en>
- LinkedIn; <https://www.linkedin.com/in/zrar-othman-a91049278/>

**Zrar Sedeeq Othman** was Born in Erbil, Iraq, in 1972. He received a B.Sc. degree in civil engineering in 1994 and an M.Sc. degree in Structural Engineering in 2006 from Salahaddin University-Erbil. He received a Ph.D. degree in Structural Engineering and Construction Materials in 2020 in Salahaddin University-Erbil. He is a member of the teaching staff of the Civil Engineering Department since 2006. Has published researches on the Shear strength and behavior of reinforced concrete corbel and slab. Also, he has published research on the behavior of concrete columns reinforced with CFRP bars.