

Curriculum Vitae C.V.



Ayad Zeki Saber AGHA

Runaki – Erbil – Iraq
+964 750 445 41 07 +964 770 445 41 07
ayad.saber@epu.edu.iq
ayad.saber@yahoo.com

Objective: Civil Engineering Lecturer

Summary Experience: More than 33 years civil engineering lecturer and managing many projects as a project manager.

Detailed Experience:

2021-Present

Professor

Erbil - Iraq

*Erbil Polytechnic University / Erbil Technical
Engineering College / Civil Engineering Department*

Teaching subjects:

- Reinforced Concrete. Undergraduate.
- Numerical Analysis. Postgraduate.
- Advanced Concrete. Postgraduate.

2012-2021

Assistant Professor

Erbil - Iraq

*Erbil Polytechnic University / Erbil Technical
Engineering College / Civil Engineering Department*

Teaching subjects:

- Reinforced Concrete. Undergraduate.
- Construction Technology. Undergraduate.
- Mechanics. Undergraduate.
- Foundation Engineering and Piles. Undergraduate.
- Numerical Analysis. Postgraduate.
- Advanced Concrete. Postgraduate.

2008-2012

Lecturer

Erbil - Iraq

*Erbil Polytechnic University / Erbil Technical
Engineering College / Civil Engineering Department*

Teaching subjects:

- Reinforced Concrete. Undergraduate.
- Construction Technology. Undergraduate.

2000-2008

Lecturer

Kerkuk- Iraq

Kirkuk Polytechnic University / Kirkuk Technical Engineering College /
Survey Engineering Department

Teaching subjects:

- Quantity survey. Undergraduate.
- Mathematics. Undergraduate.
- Contracts. Undergraduate.
- Computer applications. Undergraduate.
- Civil Drawing. Undergraduate.

1990-2000

Assistant Lecturer

Kerkuk- Iraq

Kirkuk Technology Institute / Survey Engineering Department

Teaching subjects:

- Quantity survey.
- Mathematics.
- Computer applications.
- Civil Drawing.

Education:

1985

University of Salahaddin

Erbil - Iraq

- **B.Sc.** Civil Engineering.

1989

University of Salahaddin

Erbil - Iraq

- **M.Sc.** Civil Engineering.

2000

University of Technical Construction - Bucharest

Bucharest - Romania

- **Ph.D.** Civil Engineering.

Languages:

- Kurdish. Fluent level
- Arabic. Fluent level
- English. High level
- Turkman. Fluent level
- Romanian. High level
- Turkish. High level

Assignment & posts:

1990-1992

Head of Survey Engineering Department / Kirkuk Technology Institute.

1991-1992

Assist. of Dean (proxy) / Kirkuk Technology Institute.

2020 till now

Dean of Erbil Technical Engineering College, Erbil Polytechnic University.

Academic Title Attainment:

12/3/1990

Assistant Lecturer

27/8/2000

Lecturer

24/6/2012

Assistant Professor

13/3/2022

Professor

Published Researches:

- Ayad Z. S. AGHA , "Modern Solutions for Reinforced Concrete Floors used in Multistory Buildings", Journal published by University of Technical Construction – Bucharest, 1997.
- Ayad Z. S. AGHA , "State-of-the- Practice in the Design of Reinforced Concrete Multistory Buildings to Lateral Loads", Journal published by University of Technical Construction – Bucharest, 1998.
- Ayad Z. S. AGHA , "Analysis of Fibrous Reinforced Concrete Columns", The First Scientific Research Conference of Technical Education – Duhok, 2010.
- Mereen Hassan Fahmi Rasheed and Ayad Z. S. AGHA, "Analysis of Fibrous Reinforced Concrete Beams", Engineering and Technology Journal, University of Technology / Baghdad, Vol.30, No.6, 2012.
- Mereen Hassan Fahmi Rasheed and Ayad Z. S. AGHA, "Effect of strain Level on Bending and Buckling of Plates", Zanko Journal, Salahaddin University / Erbil, Vol.24, No.2, 2012.
- Mereen Hassan Fahmi Rasheed and Ayad Z. S. AGHA, "Computation Analysis of Punching Shear Models of Steel Fiber Reinforced Concrete Slabs", Engineering and Technology Journal, Volume 38, Part A (2020), No. 02, Pages 126-142.
- Mereen Hassan Fahmi Rasheed and Ayad Z. S. AGHA, "Analysis and Design of Beams Reinforced with Steel Fiber and Composite Plates", Engineering and Technology Journal, Volume 38, Part A (2020), No. 02, Pages 113-125.
- Mereen H. Fahmi and Ayad Z. Saber and Khaleel H. Younis, "Statistical Analysis and Prediction Models for Performance of Re-mixed Concrete in Hot Climate Regions", International Journal of Emerging Trends in Engineering Research, Volume 8, No. 8, August 2020, ISSN 2347 – 3983.
- Mereen H. Fahmi and Ayad Z. Saber, "Modified Minimum depth-span ratio of beams and slabs", International Journal of Emerging Trends in Engineering Research, Volume 8, No. 9, September 2020, ISSN 2347 – 3983.
- Mereen H. Fahmi Rasheed and Ayad Zeki Saber Agha, "Minimum Depth-Span Ratio of Beams in order to Control Maximum Permissible Deflection", The Open Civil Engineering Journal, Volume 14, 2020, Pages 402-414.
- Mereen H. Fahmi Rasheed, Ayad Zeki Saber Agha, Bahman Omer Taha, "Behavior of Fibrous Reinforced Concrete Splices", The Open Civil Engineering Journal.
- Ayad Zeki Saber Agha, Bahman Omer Taha, "Prediction and developing of shear strength of reinforced high strength concrete beams with and without Steel Fibers Using Multiple Mathematical Models", Plos One Journal.

Under Publishing:

- Comprehensive Design Tables for Reinforced Concrete Columns having(21-84) MPa of Concrete Strength with particular Focus on Eccentricity on the Concrete Column Strength
- Ultimate Strength of Reinforced Concrete Columns.

Training Courses:

1990

- Participation in Training Course "Computer Sciences"; held in Kirkuk Technology Institute from 29th November till 1st of December in Kerkuk.

1991-1993

- *Participation in Training Course " Direct Application in Kerkuk Municipality"; held in Kerkuk Municipality from 1st of June till 30th of September for three years continuously in Kerkuk.*

1992

- *Participation in Training Course "Data Base 2"; held in Kirkuk Technology Institute from 25th till 30th of January in Kerkuk.*

2004

- *Participation in Training Course "Stad 3D"; held in Kirkuk Technology Institute from 10th till 13th of February in Kerkuk.*

2008

- *Participation in Training Course "Field & Laboratory tests for Acquiring Bearing Capacity of Soil"; held and organized by German Technical collaboration Agency (GTZ) from 12th till 27th of August in Cairo – Egypt.*

Committees:

1990-Present

- *More than 20 years as Examine Committee Member.*
- *More than 11 Years as Head of Examine Committee.*
- *More than 20 years as Scientific Committee Member.*
- *More than 5 years as Head of Quality assurance of Department.*

Compute Skills:

- *Proficiency with Microsoft office (Word, Excel and Power Point).*
- *Well knowledge about Basic & Visual Basic as Language Programming.*
- *Well knowledge about STAAD Pro as Structural Design.*

Membership:

- *Member of Kurdistan Engineering Syndicate.*
- *Member of Iraqi Engineering Syndicate.*
- *Kurdistan Universities and Institute Lecturers Syndicate.*

Practice Life:

- *Site engineer in medium rise multistory building more than 6 years in different location in Baghdad and Kirkuk.*
- *Project manager "200 residual house" in Hamadi Shahab military area "Baghdad 1986".*
- *Project manager in Pepsi Co. International Erbil 2010-2012.*

Other IDs :

- **ORCID iD:** <https://orcid.org/0000-0003-3149-443X>
- **Researchgate iD:** https://www.researchgate.net/profile/Ayad_Agha
- **Moodle iD:** <https://moodle.epu.edu.iq/login/index.php>