

Curriculum Vitae

1- Personal data

Surname: - Alzurbati
Forename: - Ali Flayeh Hassan.
Mailing address: - College of Engineering /University of Duhok/Duhok/Iraq.
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2- Academic Qualifications.

Item	Education institution	Location	Major Field of Study	Degree & Diploma	Year attended	
					From	To
1.	college of Engineering / Baghdad University	Baghdad	Civil Eng. Structure.	V.good / PhD	1995	1998
2.	college of Engineering / Baghdad University	Baghdad	Civil Eng. Structure.	V.good / M.Sc	1981	1982
3.	college of Engineering / Baghdad University	Baghdad	Civil Eng. Structure.	V.good / Higher diploma	1980	1981
4.	college of Engineering / Baghdad University	Baghdad	Civil Eng.	Good / B. Sc	1975	1979

3- Employment Record

A – Present Post: -

Name of Employer: - Ministerial Council of Kurdistan Region- Iraq.
University of Duhok

Address: - Duhok / Iraq.

Type of Organization: - Kurdistan Regional Government.

Position: -
-Lecturer / civil Eng. Dept. (1/10/1989 – 2/12/2002).
- Assistant Professor on (2/12/2002).
-Dean of College of Eng. 9 / 10 / 1999 – 1/10/2010.
-Head of the civil Eng. Consultant dept.

(9/10/1999 – 1/11/2003).

- Head of consultant Commission of the Eng. Bureau of Duhok University.

- Member in the central scientific promotion committee Of Duhok University (2000 – 2003).

- Head of the water and Environmental Sanitation Planning Group at Dohuk Government with UNICEF Organization (2001 – 2004).

Years of service: - (1/10/1998) – on.

B - Previous Posts

1 – Name of Employer: - Ministry of Higher Education and Scientific Research / Foundation of Technical.

Institutes: - Tech. Institute / AI – Mussieb.Tech. institute.

Address: - Babel / AI – Mussieb.

Type of Organization: - Central government.

Position: - Assistant Lecturer.

- Lecturer at (3/3/1997).

- Supervisor of the scientific affairs /scientific unit.

- Ph.D. Student (24/9/1994 – 14/9/1998).

Years of service: - (1/7/1993 – 1/10/1998).

2 – Name of Employer: - Ministry of Higher Education and Scientific research / Foundation of Tech.Institute / Teach. Institute / Dohuk.

Address: - Duhok.

Type of Organization: - Central Government.

Position: - Assistant Lecturer (4/5/1991).

- Head of the Eng.Maintenance Unit (12/5/1991).

- Vice Dean (24/5/1992 – 13/5/1993).

Years of service: - (23/4/1991 – 1/7/1993).

3 – Name of Employer: - Ministry of Planning / Construction and Housing Commission.

Address: - Baghdad.

Type of Organization: - Central Government.

Position: - Assistant Eng. (28/6/1984 – 28/8/1984).

-Engineer (28/8/1984 – 5/8/1990).

-Senior Eng. (5/8/1990 – 21/4/1991). In the Dept. Of housing planning and Head of Dept. of Planning for Higher Education Projects.

Years of Service: - (28/6/1984 – 21/4/1991).

Specialist Function: - Structural Engineer.

Years of Experience: - 31 Years.

Major Projects Handled / involved in: -

1- Resident Engineer: –

Supervisor of implementation of water supply, Sewerage And Lining of Valleys Works at Al – Mosul governorate Reconstruction Campaign (1989 – 1990). (The work includes implementation of 384 Km water Supply network, 84 Km Sewerage and 42 Km lining).

2- Structural design of: –

- College of Administration and College of Engineering of Duhok University.
- Design of footbridge in Dohuk.
- Structural design of water treatment plant structures of Itet / Duhok.

3- Preparation of Inception feasibility and detailed structural design of Eng. projects Reports.

- Feasibility studies and Structural design of Zanko, Imadia and Aqra and Chamchamal water treatment plants,
- Structural design of main bridge in Zanko / Duhok.
- Structural consultant of Duhok water project.

4- Provision of consultant services to most projects in Duhok Governorate.

5- Head of engineering consultancy Bureau in Duhok University for 11 years.

List of publications.

1 – Planning Researches

The Following researches have been prepared for the Ministry of Planning in Arabic Language.

- 1 – Prefabricated housing and Methods of Construction that are executed by Foreign firms in Iraq, 1984.
- 2 – Rationalization of house building in Iraq, 1985.
- 3 – Rural housing in Iraq, 1985.
- 4 – Cost increasing of projects of Construction, housing and service sector, 1986.
- 5 – Evaluation of the implementation of specialized and non – specialized Firms 1987.
- 6 – Quality Control in Construction works, 1988.
- 7 – Variation and variation orders and their effects on implementation of Projects 1989.

2 – Books

- 1 – Building design's manual / Column's design / Part 2 / 1985.
- 2 – Building design's manual / Column's design / Part 3 / 1985.
- 3 – Building design's manual / Column's design / Part 4 / 1985.

3 – Thesis

- 1 – {Effect of membranes action in reinforced concrete slabs} M.Sc. thesis, University of Baghdad, 1982.
- 2 – Static and dynamic analysis of spherical cellular domes by the method of space grillage, Ph.D. thesis, University of Baghdad, 1998.

4 – List of MSc thesis supervised

- 1- Kadir, S.S.” Behavior of Unrestrained Rectangular Reinforced Concrete Slabs under Uniformly Distributed Loads” MSc thesis, University of Duhok,2001.
- 2- Ahmed, M.S.”, Effect of corner levers on the yield load of simply supported rectangular slabs, University of Duhok, 2008.
- 3- Ahmad, V.A, An Experimental study of CFRP confined low strength RC columns under eccentric loads, University of Duhok 2017.

5 – Academic researches

- 1 - {Load – deflection behavior of unrestrained reinforced Concrete Polygonal Slabs}. Teach. Journal, 1994.
- 2 - {Pre – and – post cracking behavior of unrestrained reinforced concrete Polygonal slabs}, Eng. And Technology, Vol.18, No. 4, 1999.
- 3 - {Warping functions of thin – walled multi – cellular straight sections} Journal of Duhok University. No. 457 in 7 / 9 / 1999.
- 4 - {Simplified Procedure for calculation warping moment of inertia of thin-Walled. Multi – cellular straight sections}, Journal of Dohuk university. No. 456 in 7/9/1999.
- 5- {Membrane Action in Reinforced Concrete Rectangular Slabs Simply Supported Along Three Edges}, Journal of Duhok University, Vol 6, No.1,2003, pp.37-46.
- 6- {Effect of Concrete Strength and Stirrups Ratio on shear Friction Capacity of Concrete} Journal of Duhok University, Vol 10, No.1,2007, pp.56-65.
- 7- {Yield of a Rectangular R.C. Slab on Simple Supports Allowing for Corner Levers} Journal of Duhok University, 2010.
- 8- {Strength and Behavior of Self Compacting Concrete (SCC) Subjected to High-Temperature} Journal of Koya University, No.21,2011, pp.173-196.
- 9- {Study of Some Properties of No- Fines Concrete Using Local Materials} Kufa Journal of Engineering, Vol.7, No.1,2015, pp, 47-53.
- 10- {Stress – Strain Behavior of Low Strength Concrete Cylinders Confined With CFRP} ZANCO Journal of Pure and Applied Sciences, Vol 27,

No.4, 2015, pp.71-82.

11- {Experimental Study of CFRP Confined Low Strength R.C. Columns under Concentric Loads}, ZANCO Journal of Pure and Applied Sciences, Vol 28, No.4, 2016, pp.103-112.

12- {load –Deflection Relationship for Clamped –Horizontally Restrained R.C Polygonal Slabs}, Sulaimani Journal for Engineering Sciences, Vol.4, No. 5, 2017, pp43-53.

13- {Load – deflection relationship for clamped – horizontally restrained Reinforced Concrete circular slabs.}, Journal of Duhok University.

Articles

Published in Dohuk journal in Arabic Language.

- 1 – {Usage of single brick thick load – bearing walls for (4-5 storeyed) Residential building}, Dohuk Journal, No.10 / Sep. 2000 / p. (108 – 110).
- 2 – {Efficiency of implementation of building and construction section projects} Duhok Journal, No.9 / Apr. 2001 / p. (63-65).

Teaching Experience.

Involved in teaching in the following institutes and colleges

- 1 – College of Engineering / university of Baghdad.
Engineering Statistics, 1986.
- 2 – Dohuk Technical Institute, 1991 – 1993.
 - 1 – Eng. Surveying.
 - 2 – Mathematics.
- 3 – Al-Mussieb Technical Institute, 1994-1998.
 - 1 – Engineering mechanics.
 - 2 – Building materials.
- 4 – College of Engineering / university of Duhok.

1 – Involved in undergraduate teaching in:

A – Dept. of Civil Engineering as lecturer from 1998 till now.

Subject lectured on: -

- 1 – Strength of Material, 2nd Year.
- 2 – Structural Analysis, 3rd Year.
- 3 – R.C. Structures, 4th Years.

B – Dept. of Architectural Engineering.

- 1 – Eng. Mechanics 2nd year.
- 2 – Structural Analysis 3rd Year.

2 – Postgraduate Teaching of M.Sc. student, in department of Civil

Engineering, Subject Lectured on: -

- 1 – Advanced Structural analysis.
- 2 – Structural Dynamics.
- 3 – Theory of Plates and shells.
- 4 – Bridge Engineering.
- 5 – Advanced R.C. Analysis.

6 – Advanced Foundation design.

Training Courses Attended:

- 1 – **{Feasibility studies}**, organized by planning and administration development International center / Ministry of planning / Iraq, (10 – 22) /6/1989.
- 2 – **{Projects Evaluation}**, organized by international institute of planning / Ministry of planning / Iraq, (3/5/1986 – 3/6/1986).
- 3 – **{Housing Planning}**, organized by the Arab planning institute – Kuwait, (4-27) April / 1987.