

Dr. Maloof Mahmood Saleem



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Currently I am a faculty member in the civil engineering department at Al-Mansour University College in Baghdad. This is my sixth year at Al-Mansour University College.

EXPERIENCE

Sep. 2012- Now:

1. Currently, I am a faculty member in the Civil Engineering Department at Al-Mansour University College. I taught the Subjects: Building Construction and Mechanics of Materials for second year students & Theory of Structures for third year students. I am also currently the supervisor for 4- final year projects for fourth year students.

I was a member of the examination committee in the civil engineering department for three years. I am a member of the scientific committee at the civil eng. department.

2. June 2009 – Oct. 20011

“National Union Consultants”

Tripoli, Libya

Worked as structural engineering consultant

3. January 2007- April 2009

“Al-Bayati Consulting Bureau”

Abu-Dhabi, United Arab Emirates

Worked as structural engineering consultant

4. September 2000 – December 2006

“National Consulting Bureau”,

Tripoli, Libya.

Worked as structural engineering consultant

5. September 1994- June 2000
"University of Tripoli"
Tripoli, Libya.
I was employed as Assistant Professor in the Civil Engineering Department at the University of Tripoli . I taught the subjects "Theory of Elasticity", "Theory of Structures" and "Advanced Reinforced Concrete Design".
6. September 1990 – July 1994
"University of Baghdad", Civil Engineering Department. I was a faculty member at the University of Baghdad. I taught the subject of "Theory of Elasticity" and "Elastic Stability of Structures" for graduate students. At the under graduate Level, I taught "Theory of Structures" and "Reinforced Concrete Design".
7. September 1973 – August 1990
Head of Structural Department at the National Centre for Engineering Consultancy in Baghdad and lecturer at the University of Technology and at the University of Baghdad
I worked on the structural design of about 20 – reinforced concrete silos which were constructed throughout Iraq. I also worked on the structural design of Um-Qasr harbor which was constructed late in the nineteen eighties in addition to the structural design of numerous number of major buildings constructed throughout Iraq .
8. September 1970- June 1973
"Kansas State University", Manhattan, Kansas, USA
Studied for my Ph.D. degree in Civil Engineering
9. June 1968- August 1970
Employed by the firm "Howard, Needles, Tammen and Bergendoff", Kansas City, Missouri, USA.
worked as structural designer for multistory buildings and highway bridges
10. September 1966- June 1968
"University of Colorado", Boulder, Colorado, USA
Studied for my M.S. degree in Civil Engineering

EDUCATION

Ph.D., June - 1973, Civil Engineering, Kansas State University, Manhattan, Kansas, USA. Civil Engineering (Structures).

Ph.D. Thesis title was: "Stress Distribution within Circular Cylinders in Compression"

M.Sc. degree, June 1968, Civil Engineering, University of Colorado, Boulder, Colorado, USA. Civil Engineering (Structures).

M.S. Thesis: "the Bond between Light weight Concrete and Prestressing Strand as a Function of Strand Pretension and Cement Content"

B.Sc., July 1962, Civil Engineering, University of Wales, Cardiff, United Kingdom.

Final year Project Title: "Design of a Highway Bridge".

SKILLS

1. Being a Consultant Structural Engineer, I had a major role in the structural design of many strategic structures in Iraq, namely, Um Qasr harbor, twenty concrete grain silos throughout Iraq, six ministerial buildings, Al-Mammon Tower and many other important structures throughout Iraq.
2. Played a major role in the structural repair and renovation of many strategic buildings in Iraq during the 1991 post war reconstruction campaign.
3. I have trained a numerous number of young structural engineers by involving them directly in the process of structural design of buildings.

PUBLICATIONS

1. "A Training Programme in Structural Design", (May 2007). This is a booklet for teaching junior engineers the practical methods in the design of Reinforced Concrete skeleton buildings.
 2. "Bond Strength as a Function of Strand Tension and Cement Content for Lightweight Aggregate Concrete". G. Tulin, Maluf Al-Chalabi, Journal of the American Concrete Institute, No .10, Proceedings V.66, October 1969, USA.
 3. "Discussion of paper, Stresses within Elastic Cylinders Loaded Uniaxially and Triaxially", Maluf Al-Chalabi. International Journal of Rock Mechanics and Mining Science, Vol. 99, Pergamum Press, 1972, England.
 4. "Strain Distribution within Circular Cylinders in Compression". Maluf Al-Chalabi and L.C. Huang. International Journal of Rock Mechanics and Mining Science, Vol. 11, PP 45-56, Pergamum Press 1974, England.
 5. " Stress Distribution within Compressed Circular Cylinders". Maluf Al-Chalabi, L.C. Huang and F. McCormick. Journal of the Society for Experimental Stress Analysis, Vol. 14, No.12, December 1974, USA.
 6. "Simplified Design of Modern Reinforced Concrete Grain Silos". Maluf Al-Chalabi, Modern Construction Magazine, Vol. 2, No.3, February 1980, Baghdad, Iraq.
 7. "The Structural Appraisal of a Repaired Multi Story Building Damaged by Explosion". Maluf Al-Chalabi, Proceedings of the First Engineering Conference of the Ministry of Housing and Construction, (15-18) March, 1989, Baghdad, Iraq .
 8. " Procedure of Structural Repair of a Damaged Reinforced Concrete Skeleton Building as part of Post War Reconstruction Campaign", Maluf Al-Chalabi, Proceedings of the Third Engineering Conference of the Ministry of Housing and Construction, (5-8) April, 1993, Baghdad, Iraq .
 9. "The Sudden Collapse of Multi Story Buildings. Causes and Precautions to Avoid Occurrence". Maluf Al-Chalabi. Proceedings of the 13th National Engineering Conference, (11-13) October, 1998, Misurata, Libya.
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Academic Committees and Membership

- Member of the “International Association for Bridge and Structural Engineering (IABSE)”, Zurich, Switzerland .
- Member of a numerous number of examination committees for M.S .and Ph.D. theses defense during the period (1979 - 1994) at various Iraqi Universities.
- Selected for the evaluation and assessment of a number of papers and research work throughout the period (1974 - 1994).
- Member of preparatory committees for a number of engineering conferences during the period (1982 – 1993)
- Member of the scientific committee of the conference held in March 2017 by Al-Mansour University College in collaboration with the Iraqi Engineers Union
- Member of Examination Committee of the Civil Engineering Dept. at MUC during the period (2013- 2016).
- Member of Scientific committee of the Civil Engineering Dept. at MUC` as of October 2012- Now.
- Member of engineering consulting committee for construction of the newly constructed building at MUC during the period (2013-2014)
- Member of engineering consulting committee for construction of the new proposed university building

Conferences and Seminars

Presented a paper to the “First Engineering Conference” of the Ministry of Housing and Construction in Baghdad, March, 1989.

Presented a paper to the (Third Engineering Conference), of the Ministry of Housing and Construction, April 1993.

Presented a paper, and was co-chairman of the evening session to the “National Engineering Conference” in Misurata, Libya, October 1998.

Presented numerous number of Seminars at Colorado University, Kansas State University and Nebraska University, in the United States, during the period (1966 – 1968) and (1970 – 1973). Likewise, at several Iraqi universities for the period (1975 – 1994) and also at the College of Engineering Tripoli, Libya, during the period (1994 – 1998) .

At Al-Mansour University College, I attended all annual conferences held by the College and was co-chairman for a number of the given paper presentations

AWARDS, THANKS & APPRECIATION, AND PATENTS IF ANY

I have been given numerous numbers of awards back in the many years of my professional and academic years.

However, at Al-Mansour University College I was given three letters of thanks for my efforts on several committees at the college.