

MALOOF MAHMOOD SALEEM



 maloof.mahmood@muc.edu.iq

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 <https://orcid.org/0000-0002-7477-5859>

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 1998 – December 2006

“National Consulting Bureau”, Tripoli, Libya.

Worked as structural engineering consultant

5. September 1994- June 1998

“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 1991 – 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 1991
 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 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 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:” 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: "Design of Highway Bridge"

SKILLS

1. Being a Consultant Structural Engineer, I had a major role in the structural design of many strategic structures in Iraq during the period (1973-1991), namely, Um Qasr harbor, 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.

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.

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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 many letters of thanks for my efforts on several committees at the college.