

Curriculum Vitae

Asst. Prof. Dr. Husain Khalaf Jarallah

Al-Mustansiriayah University-----College of Engineering

Mobile: +9647703610187

E-mail: khalfdce@uomustansiriyah.edu.iq

PERSONAL SUMMARY:

- Husain is working at department of civil engineering, Al-Mustansiriayah University, Iraq, as a consultant and Assistance Professor.
- Before joining the Ph.D. programme in the Civil Engineering Department at the Indian Institute of Technology Roorkee, Roorkee, India, he took up a teaching assignment in the College of Engineering at the University of Baghdad, Iraq.
- He worked on a Government of India sponsored extensive retrofit programme of important public buildings in the national capital, New Delhi, in collaboration with the U.S.A at Department of Earthquake Engineering, Indian Institute of Technology-Roorkee, India.
- He has also worked as a consultant in the State Corporation for Roads and Bridges under the Ministry of Housing and Construction, Iraq.
- He is a Structural Engineer with twenty five years post graduate experience responsible for the design and management of structural design work on commercial, residential and public developments. He has extensive experience in the detailed analysis and review of complicated technically demanding projects utilizing a number of structural engineering programs with particular skills in the design of earthquake and wind resistant structures (buildings and bridges). He worked at AECOM Middle East, Abu Dhabi, United Arab Emirates as a structural design engineer.

EDUCATION:

- Ph.D.** Dynamics of Structure/University of Roorkee (I.I.T Roorkee)/India /2005.
- M.Sc.** Structural Engineering/University of Baghdad/Iraq/1998.
- B.Sc.** Civil Engineering/University of Baghdad/Iraq/1995.

ACADEMIC HONORS AND AWARDS:

AWARDS

A certificate of appreciation	President of Al-Mustansiriayah University
Distinguished Professor Award for the academic year 2015/2016	Al-Mustansiriayah University/College of Engineering
Shield Comprehensive Engineering Research Conference theses 2012	Al-Mustansiriayah University/College of Engineering

أ.م.د.
نغم طارق حمد
رئيس قسم الهندسة المدنية

أ.م.د.
علي رعد علي

ACADEMIC / TEACHING EXPERIENCE

- 2010 to date Assistance Professor at department of civil engineering, Al-Mustansiriyah University, Iraq.
- (2007-2010) AECOM, Abu Dhabi, United Arab Emirates as a consultant (Structural Engineer).
- (2005-2007) Department of Earthquake Engineering, Indian Institute of Technology-Roorkee, India, worked on a Government of India sponsored extensive retrofit programme of important public buildings in the national capital, New Delhi, in collaboration with the U.S.A.
- (2001-2005) Research fellow, Department of Civil Engineering, Indian Institute of Technology Roorkee, India.
- (1999-2001) Engineering consultant in the State Corporation for Roads and Bridges under the Ministry of Reconstruction and Housing, Iraq.
- (1998-2001) Teaching assignment in the College of Engineering at the University of Baghdad, Iraq.
- (1995-1998) Research Fellow, Department of Civil Engineering, University of Baghdad, Iraq.

Courses Taught:

Under graduate	Graduate
Reinforced Concrete Design II -4 th year	English Language/Ph.D.
Reinforced Concrete Design I -3 th year	English Language/M.Sc.
Engineering Mechanics -1 st year	
English Language-1 st year	

PROFESSIONAL AFFILIATIONS:


- Chairman, Diversity Committee
- President,

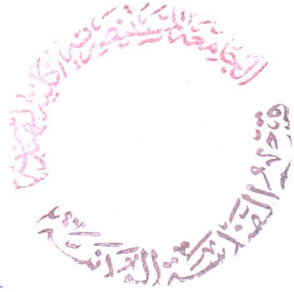
Administrative Background

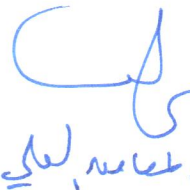
- **Post Graduate Coordinator** at the Department of Civil Engineering, Faculty of Engineering, Al-Mustansiriyah University (July 2011 –March 2013).
- **Structural Engineering Laboratory Coordinator** at the Department of Civil Engineering, Faculty of Engineering, Al-Mustansiriyah University (September 2015 –till day).

Professional Affiliations

Iraqi Engineers Union.


نعم طارق حمد
رئيس قسم الهندسة المدنية




العماد

PUBLICATIONS:

1. Salman, M.M., **Jarallah, H.K.** and **Al-Bayati, S.**, (2017), "Effect of External Sulfate Attack on Mechanical Properties and Modeling of Hybrid Fiber Reactive Powder Concrete", Diyala Journal of Engineering Science, accepted for publication.
2. **Jarallah, H.K.** and Taki, Z.N.M., (2016), "A Comparative Study on the Design Spectra Defined by Several Codes of Practice on RC Building Located in Baghdad City", 4th Engineering Conference, College Of Engineering, Al- Nahrain University, Iraq.
3. **Jarallah, H.K.** (2014), "Effect Of Soil –Structure Interaction On Seismic Evaluation Of Existing Building Frames Resting On Raft Foundation", Basrah Journal for Engineering Sciences, Vol. 15, No. 1, 2015.
4. Abbas, A.N., **Jarallah, H.K.** (2014), " Punching Shear Strength and Deformation Capacity Of R.C. Slabs With Different Patch Load Areas", AL-Qadisiya Journal for Engineering Sciences, Vol. 7, No.1, 2014, pp.81-96, Iraq.
5. Salman, M.M., **Jarallah, H.K.** and Delef, A.N. (2012), " Experimental Study for Shear Behavior of Hybrid Self-Compacting Concrete Beams ", Journal of Engineering and Development, Vol. 17, No.2, 2013, pp.97-118, Iraq.
6. Louis, M.A., **Jarallah, H.K.** and Hameed , B.M. (2013) , " Load-Deflection Behavior Of Reinforced Concrete Beams Strengthened With CFRP Sheets", Journal of Engineering and Development, Volume: 17 ,Issue: 4 ,Pages: 14-26 ,Iraq.
7. Husain, M.H and **Jarallah, H.K.** (2012), "Static Analysis of Cellular Cylindrical Tanks under General Loadings", Proceeding of Engineering Conference of Comprehensive Research theses, Journal of Engineering and Development, Special Issue, May, Iraq.
8. **Husain Khalaf Jarallah** and D. K. Paul *et al.* (2008), "Guru Tegh Bahadur Hospital ", A Summary of the Seismic Evaluation and Retrofit Process, Delhi Earthquake Safety Initiative for Lifeline Buildings, Prepared by: GeoHazards International & Delhi Public Works Department ,Funded by: Government of the National Capital Territory of Delhi & USAID Cooperative Agreements 386-A-00-02-00217 and 386-A-00-06-00170, http://www.geohaz.org/projects/images/downloads/delhi/GHI_GTB_Hospital_Final_Engineering_Report.pdf, India.
9. **Husain Khalaf Jarallah**, Yogendra Singh and D. K. Paul, (2006), "Nonlinear Static (Pushover) Analysis of GTB Hospital (Ward Block)", Technical Report No. EQ: 2006-10, Department of Earthquake Engineering, Indian Institute of Technology Roorkee, India.
10. D. K. Paul, Yogendra Singh, **Husain K. Jarallah**, and Mukund Joshi ,(2006), "Seismic Evaluation of Ward Block of GTB Hospital", 4th International Conference on Earthquake Engineering, Paper No. 312, October 12-13, Taipei, Taiwan.
11. Paul, D. K. and **Jarallah, H. K.**, (2005), "Non-linear Modelling and Analysis of Buildings", National Programme on Earthquake Engineering Education (NPEEE) Short Term Course on Seismic Evaluation and Retrofit, Coordinators Sing, Y. and Paul, D.K., Department of Earthquake Engineering , Indian Institute of Technology Roorkee, India.
12. **Husain Khalaf Jarallah**, (2005), "Inelastic Seismic Response of R.C. Framed Buildings with a Soft Storey", Ph.D. Thesis, Department of Civil Engineering, Indian Institute of Technology Roorkee, India.

نعم طارق حمد
مدرس قسم الهندسة المدنية

المهندس طارق حمد

13. **Husain Khalaf Jarallah**, (1998), "Static Analysis of Cellular Cylindrical Tanks under General Loadings", MS.c. Thesis, Department of Civil Engineering, University of Baghdad, Iraq.

➤ Book Author

1. **Iraqi Seismic Code**, Republic of Iraq, Ministry of Construction and Housing and Public Municipalities (2016).
2. **Iraq National Strategy: Longer-Term Shelter Solutions For People Affected By Displacement**, Republic of Iraq, Ministry of Migration and Displacement, Supported by United Nations Human Settlement Programme, (2011).

PROFESSIONAL DEVELOPMENT:

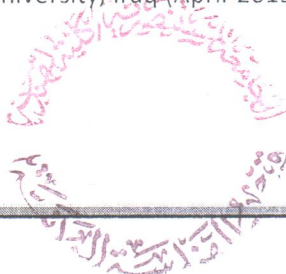
Professional Training

1. 10/June/2010, "Seismic Design using structural dynamics, seismic ground motion maps for UAE, seismic Design of Diaphragms", workshop prepared by Dr. S.K. Ghosh, Training Programs, Abu Dhabi New Building Codes, Department of Municipal Affairs, Abu Dhabi , United Arab Emirates.
2. 28/ January/2010, "Seismic and Wind Design Examples in Compliance with the 2010 Abu Dhabi Building Code", workshop prepared by Dr. S.K. Ghosh, Training Programs, Abu Dhabi New Building Codes, Department of Municipal Affairs, Abu Dhabi , United Arab Emirates.
3. 28/September/2009 to 01/October/2009, "2009 IBC Seismic Design Provisions", workshop prepared by Dr. S.K. Ghosh, Abu Dhabi International Building Code Incorporation with International Code Council, Abu Dhabi , United Arab Emirates.
4. 11/April/2009 to 12/April/2009, "Advanced Design of Reinforced and Post-Tensioned Concrete Floor Systems", ADAPT Educational Institute, Dubai, United Arab Emirates.

Organized Conferences, Seminars, Courses

- 4th Engineering Conference (member of Technical Committee), College Of Engineering, Al- Nahrain University, Iraq (April-2016).
- Comprehensive Engineering Conference for Research Thesis (member of Preparatory Committee), Faculty of Engineering, Al-Mustansiriayah University, Iraq (May-2012).
- Seminar In Marble Industry in Iraq, Department Of Civil Engineering, Faculty of Engineering, Al-Mustansiriayah University, Iraq (December-2014).
- Seminar In The Retrofitting Of Reinforced Concrete Building, Department Of Civil Engineering, College Of Engineering, Al- Nahrain University, Iraq (May-2014).
- Seminar In The Retrofitting Of Reinforced Concrete Building, Department Of Civil Engineering, Faculty of Engineering, Al-Mustansiriayah University, Iraq (January-2012).
- Course in The Design Of Reinforced Concrete Building, Continue Education Center, Faculty of Engineering, Al-Mustansiriayah University, Iraq (October-2014).
- Course in The Design Of Reinforced Concrete Building, Continue Education Center, Faculty of Engineering, Al-Mustansiriayah University, Iraq (February-2015).
- Course in The Design Of Reinforced Concrete Building, Continue Education Center, Faculty of Engineering, Al-Mustansiriayah University, Iraq (April-2015).

نعم طارق حمد
رئيس قسم الهندسة المدنية



- Course in The Design Of Reinforced Concrete Building, Continue Education Center, Faculty of Engineering, Al-Mustansiriyah University, Iraq (August-2015).
- Course in The Design Of Reinforced Concrete Building, Continue Education Center, Faculty of Engineering, Al-Mustansiriyah University, Iraq (April-2015).
- Course in the Design of Reinforced Concrete Building under Earthquake Loading according To Iraqi Seismic Code by using ETABS programme, Continue Education Center, Faculty of Engineering, Al-Mustansiriyah University, Iraq (October-2011).
- Course in the Design of Reinforced Concrete Slabs and Foundation by using SAFE programme, Continue Education Center, Faculty of Engineering, Al-Mustansiriyah University, Iraq (November-2011).



ا.م.د. د.
نغم طارق حمد
رئيس قسم الهندسة المدنية