



American Concrete Institute

Iraq Chapter



American Concrete Institute

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Presented by

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Ph.D. at **Rutgers**, the state university of New Jersey



The first known building regulation record has been attributed to King Hammurabi, who reigned in Babylonia from about 1955 to 1913 B.C. It contained a **performance statement on structural safety**.

“Article 229: The builder has built a house for a man and his work is not strong and if the house he has built falls in and kills a householder, that builder shall be slain.”



Hammurabi Code of Laws



Professor Ali Talib, Iraq Chapter- ACI member and faculty member at University of Kufa, made use of his experience on concrete mix design and its additives to create artworks.



Hammurabi Statue at University of Kufa

And now, Iraqi engineers are trying their best to re-construct Iraq after long period of wars and destruction



CONCRETE is the first material used in re-construction



American Concrete Institute Iraq Chapter

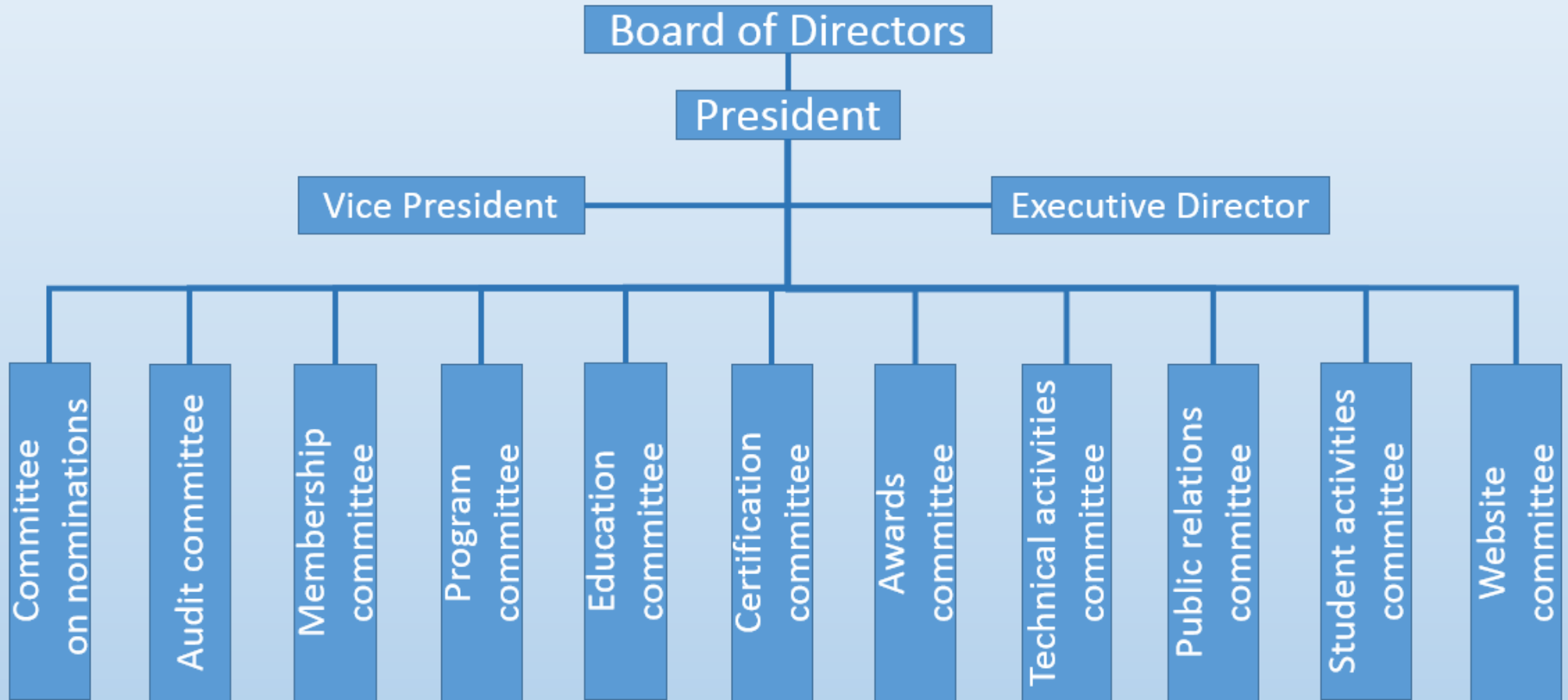


At the ACI fall convention held at Phoenix, Arizona at 21 Oct. 2013, the CAC committee announced the establishment of ACI Iraq Chapter.





The organizational structure of ACI Iraq Chapter will be according to “ **Guide to Chapter Organization and Operation** ” published by ACI.



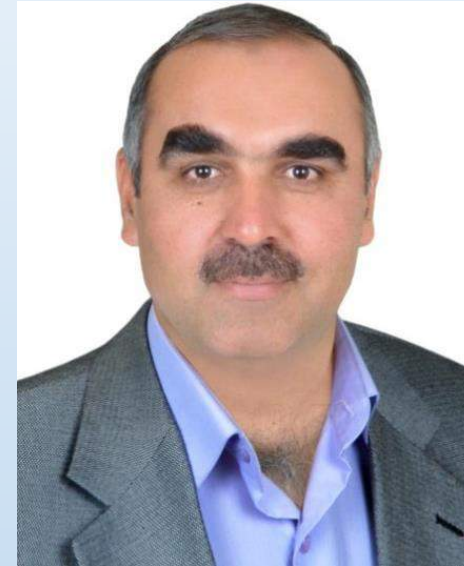


American Concrete Institute Iraq Chapter



Past President (Term 2014)

Dr. Riadh Al-Mahaidi
Swinburne University
of Technology



Past Vice President (Term 2014)

Dr. Omar Aziz
University of Salahaddin



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Past President (Term 2015)

Dr. Maan Hassan
University of Technology



Past Vice President (Term 2015)

Dr. Dillshad Ameen
University of Salahaddin



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President (Term 2016)

Dr. Saad Al Taan
University of Philadelphia



Vice President (Term 2016)

Dr. Alaa Ghaleb
University of Basrah



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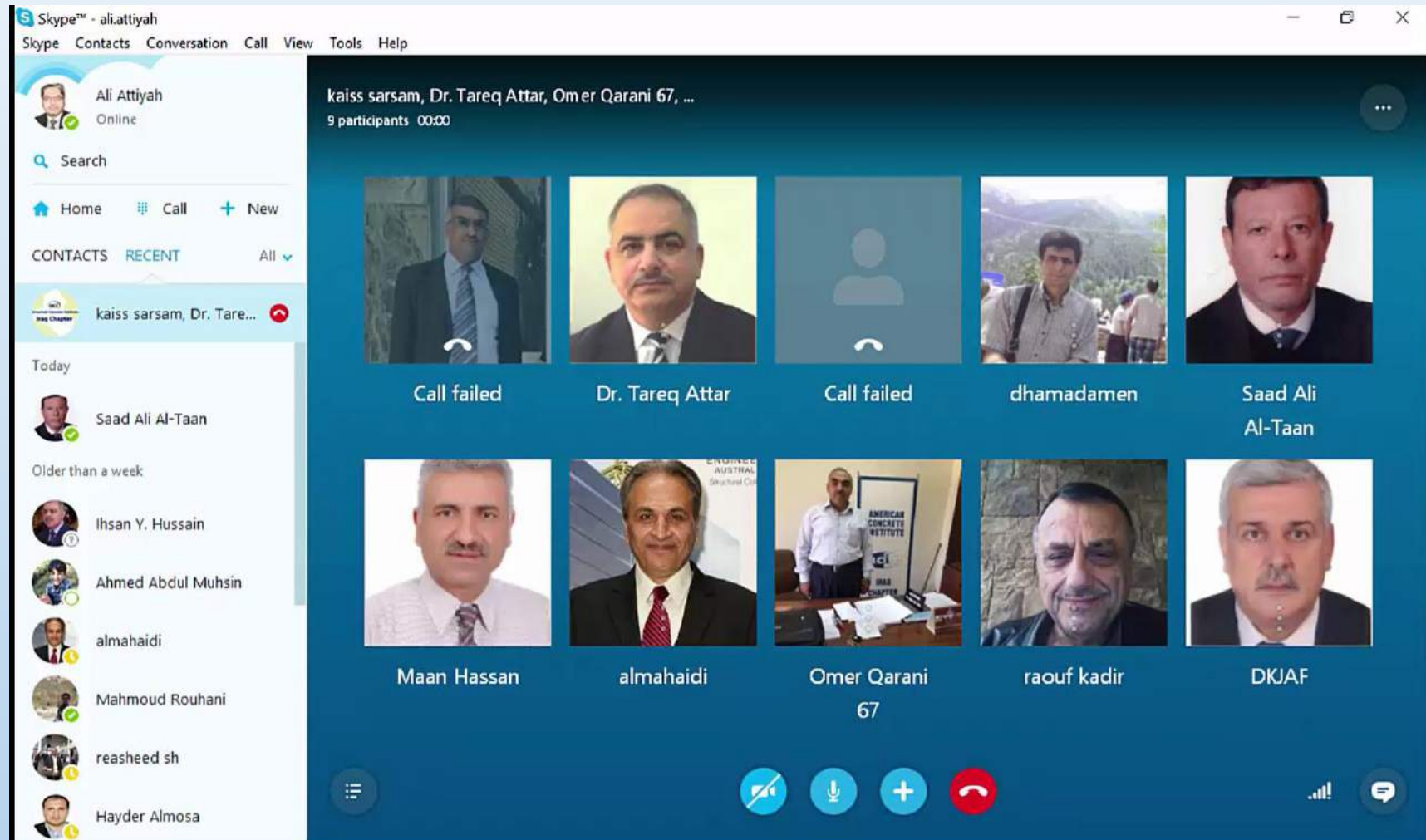
President (Term 2017)
Dr. Omer Qarani
University of Salahaddin



Vice President (Term 2017)
Dr. Tareq Al Attar
University of Technology



Skype Meetings of Board of Directors



Skype™ - ali.attiyah

kaiss sarsam, Dr. Tareq Attar, Omer Qarani 67, ...
9 participants 00:00

Call failed Dr. Tareq Attar Call failed dhamadamen Saad Ali Al-Ta'an

Maan Hassan almahaidi Omer Qarani 67 raouf kadir DKJAF

Contacts: Ali Attiyah (Online), Search, Home, Call, New, CONTACTS, RECENT, All

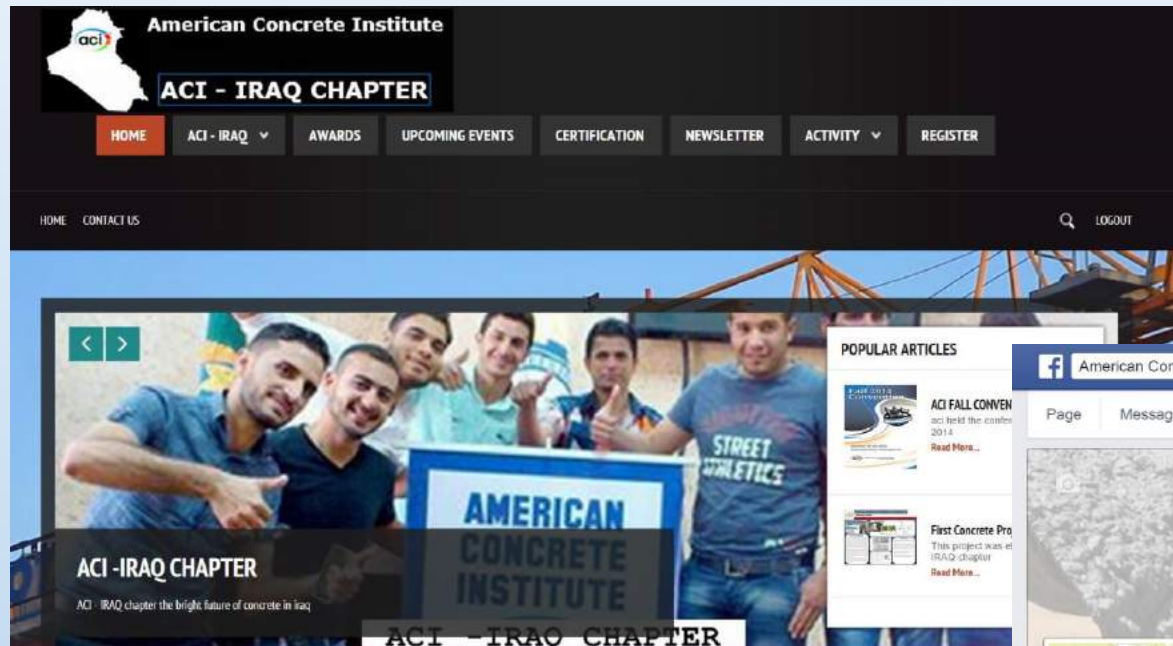
Today: Saad Ali Al-Ta'an

Older than a week: Ihsan Y. Hussain, Ahmed Abdul Muhsin, almahaidi, Mahmoud Rouhani, reasheed sh, Hayder Almosa



Engage to Chapter members More than 400 member up to date

www.aci-iraq.com



Lectures at Iraqi universities introducing ACI Iraq Chapter



University of Kerbala at 10th of April 2014



University of Diyala at 15th of May 2014



ACI Iraq Chapter is pleased to announce the student project competition for Iraqi Universities for the year 2016-2017

Eligibility: Projects are invited from undergraduate students. The student must be an undergraduate during the 2016-2017 academic year.

Submission: All Iraqi Universities students can participate and submit their projects to ACI Iraq Chapter by the 1st of May 2017. The project must focus on concrete design, material, construction and management. For more information, contact the email alin.diebil@uokufa.edu.iq



STUDENT PROJECT COMPETITION

Instructions for participants: The project can have no more than 2 students, and shall be reported in the form of paper contains a Problem Statement or Statement of Research Significance, a Conclusion, and a List of References. The maximum number of pages is 15 written in Times New Roman 14 and arranged as follows: p.1 Title and names, pages 2-5 Abstract, Introduction and objectives, pages 6-9 Experimental work or Analysis and Design (main works to be written in these pages), pages 10-13 Results and Discussion, p.14 conclusions, p.15 References.





Winners of Student Project Competition



Iraq Chapter – ACI Announce Winners of Student Project Competition

The winners of the first student project competition hosted by the Iraq Chapter – ACI were announced in August. The competition was open to undergraduate students from several Iraqi universities. A maximum of two students were allowed to submit a project focused on concrete design, material, and/or construction. The projects were reported in paper form and included a problem statement/statement of research significance, a conclusion, and a list of references. The goal of the contest was to prepare students for participation in international competitions hosted by ACI. The winners received a certificate and recognition during special ceremonies held in Basrah, Bagdad, and Erbil.

The first-place winner was “Prediction of Compressive Strength of Fiber Reinforced Concrete Using Artificial Neural Network” by Hussein Sadiq Latief and Alkarar Taha Yaseen of the University of Basrah, College of Engineering; Alaa C. Galeb, Supervisor. The second-place winner was “Producing Sustainable Accelerated Hardening Cementitious Materials” by Rana Hameed Faisal of the University of Technology, Building and Construction Engineering Department; Maan S. Hassan and Ziyad Majeed, Supervisors. The third-place winner was “Comparison between ACI 318 and EC2: for Beams, Slabs, and Columns” by Bahar Abdul Rahman Hassan of the University of Salahaddin – Hawler, College of Engineering; Salahaddin Abdul Rahman, Supervisor.



Winners of the first student project competition sponsored by the Iraq Chapter – ACI were (from top left): Hussein Sadiq Latief, Alkarar Taha Yaseen, and Rana Hameed Faisal, and (bottom left): Bahar Abdul Rahman Hassan

President of UoT awards the winners of 2nd place of the Student Project Competition



Chapter Activities



**Winners of 3rd
place of the
International
Student Project
Competition at
ACI Fall 2016
Convention**



Manufacturing of Eco-Cement Mortar Composites

Majd Janan Kamel and Alhasan Emad Mousa

Faculty Advisor: Asst. Prof. Dr. Maan S. Hassan

Training Courses – ACI 318-14





International Roundtable



Spring 2017



Spring 2016



ACI International Forum, Fall 2016





Training for ACI Certification program



UoT
Local Sponsor Group





First group got ACI Certification at March 2016



Concrete Field Testing
Technicians - Grade I





Concrete Construction Special Inspector



American Concrete Institute Iraq Chapter

