

Curriculum Vitae

(Mohammed A. Hussein Al-Zuhairi)

PERSONAL INFORMATION

Name: Mohammed A. Hussein Al-Zuhairi
Title: Lecturer Doctor
Work Address: Materials Engineering Department
University of Technology
Baghdad-Iraq
Nationality: Iraqi
Gender: Male
Marital status: Married
Date of Birth: Baghdad 1973
General Specialty: Chemical Engineering
Specific Specialty: Units Operation/Fluid & Heat Transfer (Petrochemical)
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EDUCATION LEVEL

Name of College and University	Enrolment and Graduation Year	Degree Obtained	Grade
Chemical Engineering Department University of Technology/Baghdad-Iraq	2003-2008	Ph.D. in Chemical Engineering	Very Good
Chemical Engineering Department University of Technology/Baghdad-Iraq	1997-2000	M.Sc. in Chemical Engineering	Very Good
Chemical Engineering Department University of Technology/Baghdad-Iraq	1993-1997	B.Sc. in Chemical Engineering	Good

SUMMARY OF QUALIFICATIONS

Program Skills

- Mobilization and Gaining Support \ Iraqi Civil Society Program.
- Sphere Project-Humanitarian Charter and Minimum Standards in Disaster Response.
- Several courses on human rights, constitution and constitutional guarantees \ Iraqi Civil Society Program.
- Course of Iraqi Civil Society Representatives for Monitoring Iraqi Election \ Baghdad NDI.
- Course of Leading & Managing Electoral Campaigns \ Baghdad IRI.
- Course on Training of Trainers (TOT) \ INTRAC (www.intrac.org) at Queen Zain-Alsharaf Institute in Amman – Jordan from Nov. 19 to Dec. 8, 2005.
- Course on English Language for NGOs.
- Course on proposal writing over Eliminating Violence against Women at UNIFEM (Jordan – Amman).
- Course on Leadership Skills & Training of Trainers at NDI – Arbil.
- Course on Training of Trainers – NDI.
- One of 100 civil activists as trainers at Mobaderoun (Initiators) network.

- Course on Strategic Planning for expert level with USAID (Development).
- Course on Strategic Planning with National Democracy Institute (NDI).
- Course on "Human Development Project Management" with Expert Training "Yossuf Sa'ada.
- Course on "Training of Trainers Capacity Building for Civil Society Organizations" with Expert Training "Yossuf Sa'ada.
- Professional Trainer Course by the British Academy of human development, Istanbul.
- Workshops of Peace Building in Iraq by Depaul University/ College of Law/ International Human Rights Law Institute.

Administration skills

- **Human Resources:** Responsible for Directorate of Student Affairs at the University of Technology. Develop job descriptions, review job applicants' files.
- **Management:** As a head of NGO specialized for Human Development, I was responsible for developing proposals and training management

Academic Skills

- **Lecturer** (Faculty member) in the Materials Engineering Department and Chemical Engineering Department. Teaching many subjects (Chemical Metallurgy, Thermodynamics, Heat Transfer and Numerical & Engineering Analysis).

Information Technology Skills

- **Software:** Able to manage and provide technical support for various software applications including Windows Operating Systems, Microsoft Office Suite Applications as well as customized software applications.
- A good user of Computational Fluid Dynamics (CFD, (Fluent + Gambit)).
- Have experience in High Performance Liquid Chromatography (HPLC) (fundamental concepts of HPLC, and the steps involved in the development of an analytical method). Certificate by Sykam company, Web: <http://www.sykam.com>.

LANGUAGES

Native Language: Arabic

Other Language:

	Write	Read	Speak	Listening
English	Good	Good	Good	Good

PROFESSIONAL EXPERIENCE AND ACADEMIC ACTIVITIES

- Member of the Iraqi Engineering Union.
- Participating in many scientific conferences related to the researches of engineering & technology.
- Supervisor of many graduation projects in the Materials Engineering Department.
- Chairman and Member of many of committees such as (The Student's Projects committee, Developing inclusive Education in Iraq by cooperation with UNICEF and Iraqi Ministry of Education)

SOCIETY ACTIVITIES

• **In Anti-Corruption Area:**

A certified trainer (instructor) in the area of anti-corruption. Participating in a major awareness and education campaign in Iraq to establish awareness workshops over anti-corruption and the national strategic plan of anti-corruption that has been targeting the local leaders, clerics and opinion leaders in most provinces of the country. Representative of Al-Mortaqa Foundation in the development of the by-law, code of conduct and the constituent statement of the Alliance.

1. **Courses in NGOs Field:**

2. **Coordination & Supervision:**

1. Coordinating and Supervising more than 500 courses for NGOs in Baghdad and other governorates within Al-Mortaqa Foundation.
 2. Manager of Project of Training & Rehabilitating of Refugees in Amman , and Manager of Capacity Building Project over Eliminating Violence against Women.
- **Training: Trainer in the following courses:**
 1. Concept of Civil Society.
 2. Organizing Resources & Finance.
 3. Project Life Cycle.
 4. Training more than 500 persons (representative of political entity & civil society) on principles and behavior of electoral monitoring person.
 5. Proposal Writing.
 6. Strategic Planning
 7. Leadership and Communication.
 8. Capacity Building of Peace advocates resolving Conflicts.
 9. Project Empowerment of women.
 10. Peace Building & conflict resolution.
 - Certificate of a certified instructor by the British Academy of human development. Membership of the British Academy.
 - Certified observer by UNICEF to control and monitor child rights violations after I got a special training over that.
 - Member of the "Iraqi nonviolence network" and writing and implementing the project of girls education.
 - Constituent member of the Silm network in the area of peace-building.
 - Representative of Al-Mortaqa in an advocacy campaign with four partner organizations in Baghdad to eliminate the phenomenon of child soldiers within “Together Live in Peace” which related to four partner organizations in the south of Iraq and five organizations in the north. It included several TV and radio interviews with parliamentarians, government officials and international organizations such as UNICEF and other organizations.
 - Advisor of the project “Strengthening Dialogue & National Reconciliation in Local Communities” in cooperation with UNOPS in Diyala 70 km northeast Baghdad, and a manager of the project "Take your Chance and Live in Peace" in Baghdad
 - Experience in Proposals Writing submitted to the international organizations (for example UNOPS, USIP, UNDP, UNIFEM, IOM, RI, IRD, UNICEF . . .) and advisor consultant in the field of proposal writing.

PUBLISHED & RESEARCHES

- Developing programs to calculate the equilibrium of steam-aqueous of Hydro carbonic compounds.
- Thermal transition in bubbles columns by using simulation through CFD.
- Analyzing chemical reactions kinetics for boosting liquids in combustion chambers.
- Extracting vanadium from crude oil burning residuals at power generating plants.
- Improving air-conditioning and reducing power consumption in very hot areas of high moisture.
- Study Antimicrobial Activity of Lemon (Citrus lemon L.) Peel Extract.
- Corrosion characterization of alumina-magnesium metal matrix composites (Kinetics Reactions).
- Leadership of researchers team about recycled of reinforced polymers.
- Responsible for the written content of the story, “My Life is a Sacrifice for the Homeland”. The training modules you developed in the first phase of the project, and later your collaborative work with the Cultural Relations Department within the Ministry of

Education, ensured that the book you both wrote and published would have a tremendous impact on youth in your community.

- Article on the rights of Humans rights advocacy groups published on Attaakhi newspaper dated on Nov. 29, 2011.
- Academic article entitled “patent to protect oneself against Genie “published on University of Technology Magazine dated on March. 2012.