

### Summary Statement

Being employed at the University of Technology – Dept. of Chemical Engineering since graduation in 1976 – on, holding the following positions:

- Assistant Professor at the University of Technology, Department of Chemical Engineering
- Assistant Dean for Admissions (Undergraduate and Graduate programs)
- Member of the permanent committee of the Annual Scientific Conference (Undergraduate and Graduate programs)
- Board member, curriculum committee
- Board member, Chemical Engineering Department Guide booklet
- Fluent in English, Arabic (Speaking, Reading, Writing)

### Education

- **University of Technology – Department of Chemical Engineering**, Baghdad, Iraq (2003-2008)  
Ph.D.
- **UMIST – Department of Chemical and Biomechanical Engineering**, Manchester, UK (1980 - 1982)  
M.Sc.
- **University of Baghdad – Department of Chemical Engineering**, Baghdad, Iraq (1972 - 1976)  
B.Sc.

### Academic Professional Experience/ UNDERGRADUATE PROGRAMS

- **Assistant Professor**, Equipment Design, Baghdad, Iraq 2012 – 2014
- **Supervisor**, Equipment Design Lab, HYSYS, Baghdad Iraq 2008 - Present
- **Lecturer**, Optimization, Baghdad, Iraq 2008 - Present
- **Lecturer**, Mass transfer & Unit Operation, Baghdad, Iraq 1992 - 2005
- **Lecturer**, Mathematics, Baghdad, Iraq 1992 - 1995
- **Lecturer**, Equipment Design, Baghdad, Iraq 1986 - 1990
- **Lecturer**, Plant Design; Senior year project, Baghdad, Iraq 1985 - Present
- **Lecturer**, Fluid Mechanics, Baghdad, Iraq 1987 – 1988
- **Supervisor**, Applied Project, Senior year project, Baghdad, Iraq 1984 - Present
- **Supervisor**, Chemical Operations Lab, Baghdad, Iraq 1984 - 1988
- **Consultant**, Dijla Co., Kuwait 1982 – 1984
- **Researcher**, Manchester, UK 1980 – 1982
- **Lecturer Assistant**, Chemical Industries Lab., Baghdad, Iraq 1976 - 1980

### Academic Professional Experience/ GRADUATE PROGRAMS

- **Assistant Professor**, Ministry Of Oil, Aspin -HYSYS program, Baghdad, Iraq 2011 – Present
- **Lecturer**, Equipment Design by Visual Basic, Chemical Engineering Department 1999 - 2002

### Research and Publications

- **Simulation and Optimization of Depropanizer, Using HYSYS Simulation Package. The new Technology in Oil Industries Conference, University of Technology, 2013**
- **Optimal Design Variables for low Temperature Distillation Columns in the Ethylene Plant at PC1-Basrah. Ph.D. Thesis, Chemical Engineering Dept., University of Technology, 2008**
- **Experimental study of a new generalized structural sharp-interface model for gas solid Reaction, “Al-Muhandes” Journal, Baghdad, Iraq,1992**
- **A New Correlation for Fair’s Jet Flooding Capacity Factors on Sieve Trays, “Al-Muhandes” Journal, Baghdad, Iraq,1999**
- **The Flow of Solid Particles through Different Orifices. Engineering and Technology journal, Baghdad, Iraq,1988**
- **A study of Tray Distillation and Point Efficiency, MSc Dissertation, The Victoria University of Manchester, UK, 1982**
- **Translation of a book: “Process Plant Design” by J.R. Buckhurst and J.R. Harker, Dar Al Hickma press, Baghdad, Iraq, 1991**

### Workshops and Conference (Organizing and participating)

- Equipment Design Workshop, Organizer
- Design Data Preparation, Organizer
- First Scientific Conference for “Modern Technology in Oil and Gas Industries”, Organizer
- Second Scientific Conference for “Modern Technology in Oil and Gas Industries”, Organizer
- Workshop for “HYSYS applications in Oil Refineries & Petro Chemical plants”, Organizer
- Seminar for “Iraqi Cement production; Case, and Horizons of development”, Organizer
- Session for “Teaching Methods”.
- Session for “Measuring Instrumentations”.
- Workshop for “Testing & maintenance of Chemical and Petrochemical Plant’s Equipment”.
- Session for “Industrial Allocation”.
- Session for “New Technology in Water Treatment ”.
- International Conference in Baghdad for “Oil and Gas”.
- Conference for “Chernobyl Radiobiological pollution influences”.
- Conference for “Oil Refining”.
- Workshop at PC1 in Basrah – Iraq.
- Annual International Conference for “Nanotechnology”.
- Workshop for “Academic Research” with IREX Org.
- Workshop for “Dealing with Radioactive sources”.
- Ministry Of Oil and Iraqi Universities Joint Workshop with the “University of Oklahoma”, Oklahoma, USA.

### Honors and Commendation

- Minister of Higher Education and Scientific Research- Iraq 3/27/2014 Honor, Rehabilitation of Pilot Plant.
- University of Technology, Chancellor's Commendation
- Head of Chemical Engineering Dept. University of Technology Commendation  
03/24/2014 Member of Student Grant.
- Head of Chemical Engineering Dept. University of Technology Commendation  
12/12/2013 Head of Committee for Welcoming New Students.
- Head of Chemical Engineering Dept. University of Technology Commendation  
03/22/2013 First Female Faculty member
- Ministry Of Higher Education  
Minister's office: 05/22/2013 Honor, general scientific achievements.
- University of Technology,  
Chancellor's Commendation 05/30/2013 Organizing Committee of the second Conference, "Modern  
Technology in Oil and Gas Industries".
- University of Technology  
Chancellor's Commendation 11/22/2013 Scientific assessment of a bid for Lab. Equipment Supply Contract.
- Ministry Of Education,  
Vocational Education, Authority's Commendation 08/15/2012 setting the curriculum and syllabus of  
petrochemical courses of vocational diploma.
- University of Technology, Chancellor's Commendation  
05/11/2012 Organizing Committee of the first  
Conference for "Modern Technology in Oil and Gas Industries".
- IREX Organization, 12/04/2012 Honoree certificate.
- Head of Oil Technology's Dept., 04/03/2012 Donating of rocks from USA.
- University of Technology  
Chancellor's Commendation 05/04/2002 Distinct efforts at the surface protection seminar.
- University of Technology  
Chancellor's Commendation 09/11/2000 Distinct Performance Evaluation.
- University of Technology  
Chancellor's Commendation 09/04/1999 Distinct Performance Evaluation.
- University of Technology  
Chancellor's Commendation 09/27/1997 Distinct Performance Evaluation.
- More than 40 Commendations from different Heads of departments at the University of Technology in the last  
15 years

### Professional Affiliation

- **Iraqi Engineering Association** (1976 - Present)
- **Iraqi Union of Engineers** (1976 – Present)

- **League of Faculty Members**

**(2004 – Present)**