



C.V.

Full Name: Dr. JAMAL MANEA ALI AL- RUBAYE

Nationality: Iraqi

Date and place of Birth: 1958 AL-Muthanna

Profession: Chemical Engineer, Assis.Prof. at the
Chemical Engineering Department,
University of Technology.

Marital status : Married with Four children.

Permenant address: Dr. JAMAL MANEA ALI AL- RUBAYE

Flat No. 6 , Building No. 86, Haifa street, District
No. 212
Baghdad, IRAQ

Qualifications:

1- B.Sc. Chemical Engineering with an average of 77.13% ,
and ranked one of 96 graduates. University of Baghdad /
College of Engineering, 1981.

2- M.Sc. in Chemical Engineering from University of Baghdad
/ College of Engineering .1991.

The Experimental work of my M.Sc. thesis was concerned with
study of corrosion in flow System .The title of thesis
was,"Modeling of A galvanic Corrosion process Under Flow
Conditions".1990

3- Ph.D. in Chemical Engineering from University of
Technology . The Experimental work of my Ph.D. thesis was
concerned with study of Heat transfer in fluidized bed system .
The title of thesis was " Heat Transfer from A heated Cylinder
In Gas- Solid Fluidized Bed".2002

Practical Experience :-

1- Working for five years (1983- 1988) in petroleum
industry at the State Enterprise for oil Refining Northern Area ,
Baiji-Iraq .During this period of time a good Industrial
Experience was gained for starting ,operation and maintenance
of petroleum units, especially the start up of new plants, And

many training lectures concerning this field by international, such as UOP, KSB, TECHNOEXPERT and INGECO.

2- Working as a lecturer for a year 1991-1992 at the Technical Training Institute/ Baghdad.

3- Assis.Lecturer,Lecturer,Assis.Prof.Universityof Technology , Chemical Engineering Department 1992-2014.

Management Posts:

1-Scientific affairs: Secretary of Committee,1996.

2-Member of Examination Committee,1994-1997.

3-Registrar of Chemical Eng. Dept. 2002

4-Assistance Head of Chemical Eng. Dept., University of Technology ,2002-2012.

5-The Chief of Examination Committee, 2002-2005.

6-The Head of Chemical Eng. Dept. University of Technology, 2008-2009.

Academic Experience:

a-Under Graduate Level

1-Supervision of Work Shop for First Year

2-Supervision and Teaching of Engineering Drawing

3-Lecturing for B.Sc. Courses in Analytical Chemistry for First Year.

4-Supervision of Plant Design Projects for Final year Undergraduate Students.

5-Supervision of Especial Problem Projects for Final year Undergraduate Students

6-Lecturing for B.Sc. Courses in Mathematics for First Year . 1992-1993 , 1995-2002.

7-Lecturing for B.Sc. Courses in Heat Transfer for Third Year 2002-2014 continue.

8- Lecturing for B.Sc. Courses in Project Design for Fourth Year , 2013-2014.

9.Supervision of various laboratories in Chemical Engineering field.

b-Postgraduate Level:

1-Lecturing for M.Sc. courses in Numerical Analysis

2-Lecturing for M.Sc. courses in Heat Transfer.

3-Supervision of M.Sc ° students (finished) and 3 students (continue).

4-Supervision of H.Diploma, 2 students.2004,and 1 student,2014.

Papers Published

- 1-Fe/Cu Galvanic Corrosion In Flowing 3.5% NaCl solution at 40C°.
J.M.Ali and Q.J.M. Slaiman.
Mechanical Engineering Conference, Babel University (1992).
- 2-Evolution of SO₂ Emission from Residual Fuel Oil Boilers. Adel S. Hamadi , J.M.Ali
The First Environmental conference, Arbil-Iraq, 30 March (2006).
- 3-Hydrodynamics, Mass and Heat transfer in Reactive Distillation.
Majid S.Rudhaa, Khalid A.Sskkar, Jamal.M..Ali, Zaidoon M.Shakoor and N.Manwel.
AL-Khwarizmi Engineering J., V.4, NO.2, PP 1-9 (2008)
- 4-Hydro dynamical Rotary–Pulsation-Apparatus for improving characteristics of Heavy Crude Oil.
Adel S. Hamadi , J.M.Ali
Diyala J.for Applied Research DJAR, V.4, NO.1 (2008).
- 5-The corrosion of (Fe,Zn,Cu) Metals in 3.5% NaCl Solution under Different Flow Conditions.
J.M.Ali and Q.M.Abbas.
Eng. & Tech. Journal, V.27, No.15, (2009).
- 6-Recovery of PVA using Polyethersulfou (PES) Hollow fiber Ultra filtration Membranes Effect of Carbotymethyl Cellulose (CMC) Concentration, part II.
N.J.Saleh, Amel ALhelaly , J.M.Ali, Qusay Asalhy .
Eng. & Tech. Journal, V.27, No.5, pp1008-1016,(2009).
- 7-Galvanic Corrosion Behavior of Aluminum – Carbon Steel Using Rotating cylinder Electrode.
J.M.Ali and Abbas K. Ibrahim
Iraqi Journal of Mechanical and Material Engineering, pp.798-807, Special Issue(E),(2009).
- 8-Corrosion and Galvanic Behavior of Copper, Carbon Steel and Zinc couples in 3.5% wt NaCl solution.
J.M.Ali , Qasim M. Abbas
AL-Khawarizmi Engineering Journal , V.5, No.3 pp.60-71,(2009).
- 9-A study of Chaotic Behavior of Heat Transfer in Gas-Solid Fluidized Bed.
J.M.Ali, Nabeel M. Akiwi
Eng. & Tech. J., V.28, No.10, (2010).

- 10-Heat Transfer in Gas-Solid Fluidized Bed Using Large Sand Particles.
B.A.Abid, J.M.Ali, Haider A. Ali
The 2nd Regional Conference for Engineering Sciences, College of Eng./ Al-Nahrain University, Baghdad 1-2 December, (2010)
- 11-Heat Transfer in Gas-Solid Fluidized Bed with Various Heater Inclinations.
B.A.Abid, J.M.Ali, Ayer A.Alzubaidy
International J. of Heat and Mass Transfer,54 (2011) 2228-2233.
- 12-The Influence of Operation Conditions on the Permeate Flux (PVC/PS) Hollow Fiber Membrane.
Qusy F. Alsahy, J.M.Ali, Khitam S. Shaker
Eng. & Tech.J., V.30, No.16, (2012).
- 13- Experimental Study of the Influence of Baffles on Hydrodynamics of Gas-solids Fluidized Bed System.
Eng & tech. Journal, vol.31,part (A),No.5.2013
Dr.Jamal M. Ali
- 14- Inhibition of Aluminum Corrosion in Hydrochloric Acid Using Hexadecyltrimethyl Ammonium Bromide (Ctabr).
Eng & tech. Journal, vol.31,part (A),No.7.2013
Anwer Abbas Hantoosh , Dr.Jamal M. Ali
- 15-Enhancement of poly(phenyl sulfone) membranes with ZnO nanoparticles.Desalination and Water Treatment J.(2013) 1-12.
Qusay F. Alsahy, Jamal M. Ali , Ali A. Abbas , Ali Rashed,
Bart Van der Bruggen &Stefan Balta

M.Sc. and H. Diploma Supervise:

- 1- TREATMENT OF INDUSTRIAL WASTE-WATER BY ACTIVATED CARBON, H.DIPLOMA,2004
- 2- EFFECT OF GALVANIC CORROSION ON METALS UNDER FLOW CONDITION, H.DIPLOMA,2004.
- 3- GALVANIC CORROSION BEHAVIOROF ALUMINUM CARBON STEEL USING ROTATING CYLINDER ELECTRODE, M.Sc.2007.
- 4-PREDICTION OF GALVANIC CORROSION FROM SINGLE METALS CORROSION, M.Sc.2007.
- 5-A STUDY OF CHAOTIC BEHAVIOR OF HEAT TRANSFER IN GAS-SOLID FLUIDIZED BED, M.Sc.2009.

6-STUDY OF THE EFFECT OF POLYMER INHIBITORS ON THE AL-CU GALVANIC CORROSION IN HYDROCHLORIC ACID, M.Sc.2010.

7-THE INFLUENCE OF OPERATING CONDITIONS ON THE PERMEATION FLUX OF PVC/PS HOLLOW FIBER MEMBRANE M.Sc.2011.