

Name	Ali Abdulrahman Nsaif Al-Ezzi				
Education	Degree	Discipline	Institution	Year	
	Ph.D.	Unit operation	University Malaysia Pahang (Malaysia)	2015	
	M.Sc. B.Sc	Unit Operation Chemical Engineering	University of technology University of technology	1994 1987	
Academic experience					
Institution		Rank	Title	When	Full time or Part time
University of Technology			External lecturer	1994-1995	Full time
University of Kar Yonis / Libya			External lecturer	1998	Full time
University of Technology			Lecture	2006-2016	
Non-academic experience					
Company or entity	Title	Brief description of position		When	Full time or Part time
Ministry of industry and Metals	Operator and designer	Responsible for operation batch on the fluidized bed reactor. , operation batch on rotary kiln reactor, Sharing in putting application of the system of rotary furnace reactor, Putting the basic design for the system of using phosgene (COCl ₂) for Experimental purpose, Putting the basic design of the system of the production carbon tetra Chloride (CCl ₄), Putting the basic design of the system of the recovery of operating Lubricating oils of the vacuum and diffusion pumps, Putting the basic design of the system of the production of activated Carbon, The basic design of the fuel blending system, dilution and mixing of Acids. (nitric acid) , The basic design of the ion exchange system, The basic design of ionic exchanger (Resin) production system , Researches in the movement system of the Resin, A computer program in FORTRAN for the storage design.		1987-1991	Full Time
Certifications or professional registrations					
➤ PATENT A METHOD OF REMOVING OXYGENATE COMPOUND FROM OXYGENATES CONTAMINATED WATER AND A SYSTEM THEREOF PI 2013701335. (Applied on 30/07/2013) PUBLISHED BOOK AL-Ezzi, A.A., Najmuldeen, G. F. and kanthasamy, R. 2015. <i>A Novel Design of Portable Trio Effect Water Treatment System</i> . Heinrich-Böcking-Str. 6-8, 66121, Saarbrücken, Germany: LAP Lambert Academic Publishing OmniScriptum GmbH & Co. KG CONFERENCES AL-Ezzi, A.A. and Najmuldeen, G. F. 2013. Effect of Adding Alcohols, Superficial Gas Velocity and Solid-Suspended on Design Parameters in Circulation Loop Bubble Columns. International Conference on “Innovation Challenges in Multidisciplinary Research and Practice” (ICMRP, December 13-14, 2013) Kuala Lumpur Malaysia. AL-Ezzi, A.A. and Najmuldeen, G. F. 2014. A Novel Design For Removal Methyl Tertiary Butyl					

Ether (MTBE) From Waste Water. International Conference on Global Trends in Academic Research (MISG-August 27-28, 2014) at Kuala Lumpur, Malaysia.

Current membership in professional organizations

Honors and awards

- GOLD MEDAL
CREATION, INNOVATION, TECHNOLOGY & RESEARCH EXPOSITION 2013 27th-28th March, 2013, University Malaysia Pahang
- GOLD MEDAL
24th INTERNATIONAL INVENTION, INNOVATION & TECHNOLOGY EXHIBITION, ITEX 139th - 11th May 2013, Kuala Lumpur, Malaysia
- GOLD MEDAL
KOREA INVENTION PROMOTION ASSOCIATION November 29th- December 2nd, 2013
- BRONZ MEDAL
MALAYSIAN ASSOCIATION OF RESEARCH SCIENTISTS MARS 21-23 February, 2013
- **SPECIAL AWARD (HIS ROYAL HIGHNESS CROWN PRINCE OF PAHANG).**

Service activities (within and outside of the institution)

Training courses	Period	Organizers
Thermodynamic	14 days	Baghdad University
Industrial Experiments Safety	14 days	Ministry of Industry and Metals
Healthy Physics	14 days	Ministry of Industry and Metals
Industrial west water treatment	7 days	University of Technology
Chemical Engineering CAD	14 days	Alsadeer Hotel /Baghdad
Poisoning gases	3 days	B. G. Petroleum Distillation and Purification
Teaching methods	14 days	University of Technology

Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation

Published Papers:

AL-Ezzi, A.A. and Najmuldeen, G. F. 2013. The Effects of Superficial Gas Velocity and Liquid Phase Properties on Gas Holdup and Mass Transfer in an Airlift Reactor. *American Journal of Engineering Research*. 2(11): 25–32

AL-Ezzi, A.A. and Najmuldeen, G. F. 2013. Prediction of Mass Transfer Coefficient in Solid-Suspended Internal Air Lift Loop Reactor Using Newtonian and Non-Newtonian Liquid. *International Journal of Engineering Research & Technology*. 2(11):1879–1885(Impact factor 1.76).

AL-Ezzi, A.A. and Najmuldeen, G. F. 2013. Effects of Adding Alcohols, Electrolytes and Carboxyl Methyl Cellulose (CMC) on Design Parameters in Internal Loop Airlift Bubble Column. *International Journal of Engineering Sciences & Research Technology*. 2(12): 3415–3426. (Impact factor 1.85).

AL-Ezzi, A.A. and Najmuldeen, G. F. 2013. Effect of Adding Alcohols, Superficial Gas Velocity and Solid-Suspended on Design Parameters in Circulation Loop Bubble Columns. *International Journal of Engineering Sciences & Research Technology*. 2(12): 3404–3407. (Impact factor 1.85).

AL-Ezzi, A.A. , Najmuldeen, G. F. and kanthasamy,R. 2013. Effects of Adding Propanol and Carboxy Methyl Cellulose (CMC) on Mixing Time and Mass Transfer Coefficient in Air Lift Loop Reactor. *Asian Academic Research Associates Journal*. 1(17):493–508. (Impact factor 2.05).

AL-Ezzi, A.A. and Najmuldeen, G. F. 2014. Gas Hold-Up, Mixing Time and Circulation Time in Internal Loop Airlift Bubble Column. *International Journal of Engineering Research and Applications(IJERA)*. 4(1): 286–294 (Impact factor 1.96).

AL-Ezzi, A.A. and Najmuldeen, G. F. 2014. Application of a new design Treatment for efficient removal of methyl tertiary butyl Ether (MTBE) from drinking water. *Wulfenia*

Journal. 21(2): 304–325.(Impact factor 0.267).

AL-Ezzi, A.A. , Najmuldeen, G. F. and kanthasamy,R. 2014. Hydrodynamic Characteristics in Internal Air Lift Loop Reactor. *World Applied Sciences Journal*. 31 (11): 1930–1937. (Indexed by Scopus).

AL-Ezzi, A.A. and Najmuldeen, G. F. 2015. Application of a novel Design for Air Lift Reactor In Waste Water Treatment. *International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET)*.1(1):1-7.

AL-Ezzi, A.A. , Najmuldeen, G. F. and kanthasamy,R. 2015. Trio Effects Portable Water Treatment System. *Iranica Journal of Energy & Environment*. 6(2): 119-126. (Indexed by Scopus).

AL-Ezzi, A.A. 2009. Studies on Gas Hold-Up, Mass Transfer Coefficient, Mixing Time And Circulation Time In Bubble Columns With Draught Tube For Pseudo Plastic (Carboxymethyl) Cellulose And Glycerol Solutions. *Eng. & Tech. Journal*, 27(12):2245-2256.

AL-Ezzi, A.A. 2010. Gas Hold-Up and Volumetric Liquid-Phase Mass Transfer Coefficient In Solid-Suspended Bubble Columns With Draught Tube. *Eng. & Tech. Journal*, 28(7):1464-1483.

AL-Ezzi, A.A. and Al-Kuffe L. S. S. 2010. Influence of Draft Tube Diameter on Operation Behavior of Air Lift Loop Reactors. *Al-Khwarizmi Engineering Journal*, 6(2):21-32.

AL-Ezzi, A.A.. 2009. Effect of Adding Alcohols and Gas Velocity on Gas Hold up and Mass Transfer Coefficient in Bubble Columns with Draught Tube. *Al-Khwarizmi Engineering Journal*, 5(2):10-19.

AL-Ezzi, A.A. and Halabia,E.K. 1996. Design Parameters in Bubble Columns With Draught Tube. *Eng. & Tech. Journal*, 15(8):68-78.

CONFERENCES

AL-Ezzi, A.A. and Najmuldeen, G. F. 2013. Effect of Adding Alcohols, Superficial Gas Velocity and Solid-Suspended on Design Parameters in Circulation Loop Bubble Columns. International Conference on “Innovation Challenges in Multidisciplinary Research and Practice” (ICMRP, December 13-14, 2013) Kuala Lumpur Malaysia.

AL-Ezzi, A.A. and Najmuldeen, G. F. 2014. A Novel Design For Removal Methyl Tertiary Butyl Ether (MTBE) From Waste Water. International Conference on Global Trends in Academic Research (MISG-August 27-28, 2014) at Kuala Lumpur, Malaysia.

Microwave Assisted Thermal Cracking of Castor Oil with Zeolite ZSM-5 as Catalyst for Possible Biofuel Production Ghazi Faisal Najmuldeen --- Ali Abdul Rahman Al Ezzi --- Tharmathas A/L Alagappan

Briefly list the most recent professional development activities