

PROFESSIONAL C.V.



Name: Muna Yousif Abdul-Ahad Siman

Specialization: chemical engineering

Position: University professor

Scientific Degree: Assistant professor

Work Address: 1- University of Baghdad/ College of Engineering/ Environmental Eng. Dept.(Retired).
2-Alfarabi university college/Petroleum and gas refining Eng. Dept. (since 2018).

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Scientific Certification:

- 1- B.Sc., University of Baghdad, College of Engineering ,1975.
- 2- M.Sc., UMIST-United Kingdom, Chemical Engineering Department, 1982.

Career:

- 1- Demonstrator University of Baghdad/College of Engineering 1975-1982.
- 2 University professor University of Baghdad/College of Engineering 1982-2015.
- 3 University professor Alfarabi university college 2018- till present.

University Teaching:

- 1-Demonstrator/University of Baghdad College of Engineering /Chemical eng. Dept. 1975-1982.
- 2- Lecturer/University of Baghdad College of Engineering/Chemical Eng. Dept. 1982-1985.
- 3- Lecturer/University of Baghdad College of Engineering/ Nuclear Eng. Dept 1985-2002.
- 4- Lecturer/University of Baghdad College of Engineering/ Environmental Eng. Dept. 2002-2010.
- 5- Assistant professor / ..1- College of Engineering/Environmental Eng. Dept. 2010- 2015.
2- Alfarabi University College/Petroleum and Gas Refining Eng. Dept. 2018- till present.

Courses Taught

Computer programming /Plant design/Statics and strength of materials/ Unit operations lab/ Control lab/ Engineering drawing /Fluid flow/Environmental engineering economics/ Technical English/ Sanitary laboratory/ Engineering drawing/ Material science engineering/ material science eng. lab. /Graduation design projects/Supervision on M.Sc. thesis.

Thesis supervised by:

- 1-Removal of water turbidity by different coagulants MSc. / Env. Eng. /2013
- 2-Removal of Cu ions from wastewater by chemical coagulation / MSc. / Env. Eng /2014
- 3-Removal of pharmaceuticals from water by natural waste materials / MSc /Env. Eng. 2015.

Resarches:

No.	Research Title	Place of Publication	Year
1	"Some Practical 'Apple' ICATIONS Of a Microcomputer", I. Chem. Eng. Jubilee Symposium, 1982.	I. Chem. Eng. Jubilee Symposium	1982
2	"Removal Of Tobacco Dust From Air", AL-Muhandis, 49, 1988.	AL-Muhandis, 49,	1988
3	"Performance Of Fluidized Cooling Tower", Engineering And Technology, Vol. 7, No. 5, 1989.	Engineering And Technology	1989
4	"Analysis Of Fuel Long Term Effects Using Subchannel Codes", Accepted For Publishing- Alhandasa, 1990, Published In Journal Of Engineering, No. 2, Vol. 16, (June 2010).	Journal Of Engineering, No. 2, Vol. 16	(June 2010)
5	Evaluation Of Solid-Solid Mixing In An Air Fluidized Bed", Iraqi Journal Of Chemical And Petroleum Engineering, 2004, Vol. 5, December.	Iraqi Journal Of Chemical And Petroleum Engineering Vol. 5, December	2004
6	Experimental Studies On The Beneficiation Of Fine Solids By Froth Flotation", IJCPE, Vol. 9, No. 1 (March 2008) 31-34.	IJCPE, Vol. 9, No. 1	(March 2008)
7	"Design Criteria Of An Activated Carbon Bed For Dechlorination Of Water ", IJCPE, Vol. 9, No. 4(December 2008), 41-49.	IJCPE, Vol. 9, No. 4	(December 2008)
8	Detection of Tetracycline, Doxycycline, Chlortetracycline, and Oxytetracycline Antibiotics in Nineveha Drug Wastewater	NUCEJ, Vol.15, No. 2, 2012, pp.215-221	2012

9	REMOVAL OF WATER TURBIDITY BY DIFFERENT COAGULANTS	Number 12 Volume 19 December 2013 Journal of Engineering	2013
10	REMOVAL WATER TURBIDITY BY CRUMB RUBBER MEDIA	Al-Khwarizmi Engineering Journal, Vol. 10, No. 2, P.P. 23-31 (2014)	2014
11	ADSORPTION OF LEVOFLOXACINE ANTIBACTERIAL FROM CONTAMINATED WATER BY NON – CONVENTIONAL LOW COST NATURAL WASTE MATERIALS	Number 12 , Volume 20, December - 2014, Journal of Engineering	2014
12	ASSESSING TIGRIS RIVER WATER QUALITY IN BAGHDAD CITY USING WATER QUALITY INDEX AND MULTIVARIATE STATISTICAL ANALYSIS	IJESRT, FLAIEH, 3(7): JULY, P687-699 ,2014	2014
13	USE OF NON-CONVENTIONAL MATERIALS TO REMOVE CU+2 IONS FROM AQUEOUS SOLUTIONS USING CHEMICAL COAGULATION	NUMBER.5, VOL.21, MAY 2015, JOURNAL OF ENGINEERING	2015
14	FORECASTING MONTHLY WATER QUALITY INDEX USING A SEASONAL ARIMA MODEL FOR TIGRIS RIVER AT AL-RASHEDIYA WATER STATION IN BAGHDAD CITY	VOL. 1 NO. 2 (2022): JOURNAL OF AL-FARABI FOR ENGINEERING SCIENCES	2022
15	METHOD FOR DIBUTYLEPHTHALATE SYNTHESIS	AIP CONF PROC. 3009,030012	February 14 2024