

C.V



Name: Sama M. Al-Jubouri

Date of Birth: 1981

Religion: Muslim

Specialization: Chemical Engineering

Position: Faculty member

Scientific Degree: Assistant Professor

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■ First, Scientific Certification:

Degree science	University	College	Date
B.Sc.	University of Baghdad	College of Engineering	2003
M.Sc.	University of Baghdad	College of Engineering	2007
Ph.D.	The University of Manchester	School of Chemical Engineering and Analytical Science	2016

■ Second, Career:

No.	Career	Workplace	From - To
1	Faculty member	University of Baghdad	2007 - Until now

■ Third, University Teaching:

No.	University	The (Institute/College)	From - To
1	University of Baghdad	Engineering	2007 - Until now

Fourth, Courses Teach:

No.	Department/University	Subject	Year
1	Chemical Engineering/ University of Baghdad	Principles of chemical engineering/1 st year	2018-2019
2	Chemical Engineering/ University of Baghdad	Control and measurement lab/4 th year/tutorial	2018-2019
3	Chemical Engineering/ University of Baghdad	Equipment's Design/4 th year	2017-2018
4	Chemical Engineering/ University of Baghdad	Control and measurement lab/4 th year/tutorial	2017-2018
5	Chemical Engineering/ University of Baghdad	Design project/4 th year	2017-2018
6	Chemical Engineering/ University of Baghdad	Equipment's Design/4 th year	2016-2017
7	Chemical Engineering/ University of Baghdad	Control and measurement lab/4 th year/tutorial	2016-2017
8	School of chemical engineering and analytical science/The University of Manchester	Engineering Mathematics 1/1 st year/tutorial	2014-2015
9	School of chemical engineering and analytical science/The University of Manchester	Engineering Chemistry/1 st year/tutorial	2014-2015
10	School of chemical engineering and analytical science/The University of Manchester	Transport Phenomena 1/1 st year/tutorial	2014-2015
11	School of chemical engineering and analytical science/The University of Manchester	Chemical Engineering Design 1/1 st year/tutorial	2014-2015
12	School of chemical engineering and analytical science/The University of Manchester	Catalytic Reaction Engineering/3 rd year/tutorial	2014-2016
13	School of chemical engineering and analytical science/The University of Manchester	Engineering Mathematics 2/1 st year/tutorial	2014-2015

14	School of chemical engineering and analytical science/The University of Manchester	Thermodynamics for Chemical Engineering/1 st year/tutorial	2014-2015
15	School of chemical engineering and analytical science/The University of Manchester	Chemical Engineering Design 2/1 st year/tutorial	2014-2015
16	School of chemical engineering and analytical science/The University of Manchester	Laboratory Projects 3/3 rd year	2013-2015
17	School of chemical engineering and analytical science/The University of Manchester	Laboratory Projects 2/2 nd year	2015-2016
18	School of chemical engineering and analytical science/The University of Manchester	Engineering Thermodynamics/1 st year/tutorial	2013-2014
19	School of chemical engineering and analytical science/The University of Manchester	Transport Phenomena 2/1 st year/tutorial	2013-2014/2015-2016
20	School of chemical engineering and analytical science/The University of Manchester	Introduction to Chemical Reaction Engineering/1 st year/tutorial	2013-2015
21	School of chemical engineering and analytical science/The University of Manchester	Co-supervision of dissertation/ Master of engineering	2014-2015
22	School of chemical engineering and analytical science/The University of Manchester	Co-supervision of dissertation/Master of science in chemical engineering students	2013-2014 /2014-2015
23	Chemical Engineering/ University of Baghdad	Unit Operation lab/4 th year	2010-2011
24	Chemical Engineering/ University of Baghdad	Control and measurement lab/4 th year	2010-2011
25	Chemical Engineering/ University of Baghdad	Fluid flow lab/3 rd year	2009-2010

26	Chemical Engineering/ University of Baghdad	Process control/4 th year/tutorial	2008-2010
27	Chemical Engineering/ University of Baghdad	Chemical engineering design /4 th year/tutorial	2009-2012
28	Chemical Engineering/ University of Baghdad	Mathematics/1 st year/tutorial	2007-2009
29	Chemical Engineering/ University of Baghdad	Reactor design /3 rd year/tutorial	2007-2012
30	Chemical Engineering/ University of Baghdad	Principles of chemical engineering/1 st year/tutorial	2007-2008
31	Chemical Engineering/ University of Baghdad	Principles of chemical engineering/1 st year	2006-2007

Fifth: Research Projects in The Field of Specialization to The Environment and Society or the Development of Education:

No.	Title of Publication	Place of Publication	Year
1	Catalytic Wet Air Oxidation of Phenol in a Trickle Bed Reactor	Iraqi Journal of chemical engineering & Petroleum engineering	2007
2	Kinetic Study on Catalytic Wet Air Oxidation of Phenol in a Trickle Bed Reactor	Iraqi Journal of chemical engineering & Petroleum engineering	2008
3	Treatment of Industrial Waste Water Using Reverse Osmosis Technique	Journal of Engineering	2009
4	Experimental Study For Oxidation of Phenol by Fentons Reagent	Journal of Engineering	2010
5	Removal of Lead, Cadmium, and Mercury Ions Using Biosorption	Desalination and water treatment	2010
6	Oily water treatment using ceramic membrane	Journal of Engineering	2011
7	A novel approach to fabricate zeolite membranes for pervaporation processes	Journal of Materials Chemistry A	2015

8	The removal of caesium ions using supported clinoptilolite	Journal of Hazardous Materials	2016
9	Hierarchical porous structured zeolite composite for removal of ionic contaminants from waste streams and effective encapsulation of hazardous waste	Journal of Hazardous Materials	2016
10	Hierarchically porous zeolite X composites for manganese ion-exchange and solidification: Equilibrium isotherms, kinetic and thermodynamic studies	Chemical Engineering Journal	2017
11	Hierarchical porous structured zeolite composite for removal of ionic contaminants from waste streams	Chimica Oggi-Chemistry Today	2017
12	Understanding the seeding mechanism of hierarchically porous zeolite/carbon composites	Microporous & Mesoporous Materials	2018
13	Esterification Reaction Kinetics Using Ion Exchange Resin -Catalyst by Pseudo Homogenous and Eley-Ridel Models	International Journal of Engineering: Transaction A	2018
14	Rietveld Texture Refinement Analysis of Linde type A Zeolite from X-Ray Diffraction Data	Journal of Engineering Science and Technology	2018
15	Fabrication and Characterizations of Silica Nanoparticles Carbon Nanofiber Composite	Industrial & Engineering Chemistry Research	2019
16	Effect of synthesis parameters on :the formation 4A zeolite crystals characterization analysis and heavy metals uptake performance study for water treatment	Desalination and Water Treatment	2019

Sixth, Conferences which you participated:

No.	Conferences Title	Year	Place	Type of Participation
1	Post Graduate conference in the University of Manchester, CEAS	May-2013	UK	Poster
2	The Chemical Engineering Day UK 2014 conference in the University of Manchester	April-2014	UK	Poster
3	Post Graduate conference in the University of Manchester, CEAS	June-2014	UK	Poster
4	Post Graduate conference in the University of Manchester	April-2015	UK	Oral presentation
5	The Chemical Engineering Day UK 2016 conference in the University of Bath	March/April-2016	UK	Poster
6	IEEE	May-2017	Iraq	Attendance
7	Iraqi Society of Engineers Conference	2017	Iraq	Attendance
8	Iraqi Engineers Union Conference	2017	Iraq	Attendance

Seventh, Scientific Activities:

Activity science	Journal	Date
Reviewer	Journal of Water Process Engineering	2019
Reviewer	Materials Science and Engineering B	2019
Reviewer	Al- Khawarizmi Engineering Journal	2018

Reviewer	Journal of Engineering	2017
Reviewer	Journal of Engineering	2017
Reviewer	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2016
Reviewer	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2016
Reviewer	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2016
Handling Editor	International Journal of Environment and Waste Management	2018-2019
Handling Editor	International Journal of Environmental Engineering	2018-2019
Managing Editor	International Journal of Environment and Waste Management	2019- Until now
Managing Editor	International Journal of Environmental Engineering	2019- Until now

- **Eighth, Membership:**
- **Iraqi Engineers Union**
- **Association of University Lecturers**
- **Al-Kindi Society for Engineers**

■ **Ninth, Awards and Certificates of Appreciation:**

No.	Name of Awards and Certificates	Donor	Year
1	Certificate of Appreciation	National Security Advisory	2019
2	Certificate of Appreciation	Dean of College of Engineering - University of Baghdad	2019
3	Certificate of Appreciation	University of Baghdad	2019
4	Certificate of Appreciation	University of Baghdad	2018

5	Certificate of Appreciation	Dean of College of Engineering - University of Baghdad	2018
6	Certificate of Appreciation	University of Baghdad	2018
7	Certificate of Appreciation	University of Baghdad	2018
8	Certificate of Appreciation	University of Baghdad	2018
9	Certificate of Appreciation	University of Baghdad	2017
10	Certificate of Appreciation	Dean of College of Engineering - University of Baghdad	2017
11	Certificate of Appreciation	Dean of College of Engineering - University of Baghdad	2017
12	Certificate of Appreciation	Dean of College of Engineering - University of Baghdad	2010
13	Certificate of Appreciation	University of Baghdad	2007

 **Tenth, languages:**

- * Arabic
- * English

