

Curriculum Vitae

1-Personal Information

Name : Farah Talib Jasim Al-Sudani
Affiliation : University of Technology , Department of Chemical
(Included Phone and Email) Engineering ,Baghdad ,Iraq
falsudany@yahoo.com ,falsudany@hotmail.com ,

Date of Birth : 8-8-1976
Place of Birth : Bagdad ,Iraq
Nationality : Iraqi
Marital Status :

2-Scientific Rank : Assist professor “Lecture”

3-Research Interests

- Multi-Phase Reactor “Trickle bed Reactor ,Bubble Column Reactor ,Slurry Bubble column” .
- Periodic Operation of Trickle bed Reactor.
- Hydrodynamics of Multi-Phase Reactor .
- Carbon Dioxide Absorption ”Acid Gas Removal”.
- Wastewater treatment by Catalytic wet Oxidation “Phenol Removal” .
- Fischer Tropsch Synthesis

4-Education

Date	Discipline	Degree	Institution	Thesis Title
2008	Chemical Engineering	PhD	University of Technology , Department of Chemical Engineering ,Baghdad ,Iraq	Enhancing Performance of Trickle Bed Reactor by Periodic Operation: Experimental Study and Modeling
2001	Chemical Engineering	MS.c	University of Technology , Department of Chemical Engineering ,Baghdad ,Iraq	Characteristics of Absorption with Reaction in Packed Column
1998	Chemical Engineering	BS.c	University of Technology , Department of Chemical Engineering ,Baghdad ,Iraq	Project design ” Silicon Carbide Production”

5-Postdoctoral Training (if available)

6-Management Posts .

- Director of the Division of quality and performance of university ,University of Technology ,Department of Chemical Engineering ,from 2009 till now.

7-Grants and Fellowships (if available)

8-Academic Experience

1-Undergraduate Level

- 2001-2003 taught 4th class in Technical College in Baghdad , Subject taught : Mass transfer “Diffusion , Drying of Solid , Evaporator , Crystallizers , liquid Solid Filtration, Extraction”.
- 2002 – till now supervision for Project design for 4th class student.
- 2002- till now Scientific Supervision on Laboratory of Unit Operation
- 2007- till now taught 4th class , subject taught : Transport Phenomena “Drying of Solid , Cooling Tower , Humidification and Dehumidification , Evaporator , Crystallizers , liquid Solid Filtration, Extraction , Boundary Layer and Reynolds analogy”

2-Postgraduate Level

- Supervisor for MSc student began 1-7-2010 – till now ; thesis entitled “Hydrodynamic and Kinetic of Industrial Wastewater Treatment in Trickle bed Reactor”

9-Employment History (if available)

10-License/Certification

- Iraqi Engineers Union ;Licensed in 1998

11-Honors and Distinctions (if available)

12-Skills and Qualifications .

- Microsoft Office “ word, excel, power point, outlook ”
- Statistic
- Math – lab
- Haysis

13-Publications

Advisor

- Supervision of M.Sc. postgraduate degree students in Chemical Engineering “*Hydrodynamic and kinetic study of industrial wast water treatment in a trickle bed reactor (period 2010-2012)*”

Research

Under publication

- Three - Way- Catalyst- Monolith Converters (Pt- Loaded) for Gasoline Engine: Experimental Study and Modeling , by Farah Talib Al-Sudani , Intisar Hussain Aljumily, Zaidoon Muhsen
- Absorption of acid gas (CO₂) in Bubble Column Reactor using Modified Absorbent ,by Farah Talib Al-Sudani
- The Use of Gas-to-Liquid Technology (GTL) to Produce Gasoline and Diesel Fuels ,by Kalid Ajmee, Farah Talib Al-Sudani , Asawer A. Alwasiti
- Enhancing Performance of Trickle Bed Reactor by Periodic Operation: Experimental Study and Modeling, Farah Talib Jasim Al-Sudani, Safa A. Al-Naimi, Essam K. Halabia
- Modeling of Enhancing Performance of Trickle Bed Reactor by Periodic Operation, Safa A. Al-Naimi, Farah Talib Jasim Al-Sudani, Essam K. Halabia

Accepted Manuscripts

- Hydrodynamics and Flow Regime Transition Study of Trickle Bed Reactor at Elevated Temperature and Pressure, Chemical Engineering Research and Design, In Press, Corrected Proof, Available online 3 December 2010 ,Safa A. Al-Naimi, Farah Talib Jasim Al-Sudani, Essam K. Halabia

Published

- Characteristics of Absorption with Reaction in Packed Column, Essam K. Halabia, Ahmed M. Barifcani , and Farah Talib Jasim Al-Sudani, Iraqi Journal of Chemical and Petroleum Engineering ,2002,vol 3, June , 21-30.
- Chemical Absorption of Carbon Dioxide in Packed Column using Benfield Solution , Ahmed M. Barifcani , Essam K. Halabia, and Farah Talib Al-Sudani, Journal of Saddam university ,2002, vol 6 , july,138-153.
- Effect of electrolyte concentration on bubble size and gas- liquid interfacial area in bubble column , Farah Talib Jasim, Tikrit Journal of Engineering Sciences , 2005,vol 12, August ,140-156.

- Chemical Absorption of CO₂ by K₂CO₃ and DEA Solution , Tikrit Journal of Engineering Sciences , Farah Talib Al-Sudani , Ahmed M. Barifcani , and Essam K. Halabia , 2005,vol 12, May ,169-196.
- MATHEMATICAL MODELING OF THE INSTANTENOUS REACTION OF H₂S –MEA IN A FALLING FILM REACTOR , Saba A. Ghani , Ahmed Daham Wohaab ,Farah T. Jasim ,Tikrit Journal of Engineering Sciences , 2008,vol 15, March ,63-78.
- Carbon Dioxide Absorption in Packed Column in Non-Newtonian Fluid, Farah Talib Al-Sudani, Alyaa Khadier mageed,Fadhil Hashim Farje, Tikrit Journal of Engineering Sciences , 2010,vol 17, September ,1-10.
- Effect of Baffles on Homogenous-Heterogeneous Regime in Two Phase Bubble Column with Non-Newtonian Liquid , Asawer A. Alwasiti , Farah T. Alsudani & Ali Raad, Eng.&Tech.Journal ,vol.28 ,no.24,6954-6969, 2010.
- The Effect of Solid on the Homogenous- Heterogeneous Transition Region in Baffled and Un-baffled Bubble Column with Non-Newtonian Liquid, Asawer A. Alwasiti , Farah T. Alsudani & Shrooq T. Alhemeri , Eng.&Tech.Journal ,vol.28 ,no.23,6732-6749, 2010.