

Assist. Lecturer: Sura Mawlood Abbas

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Education:

PhD, University of, Year

MSc, University of Baghdad, Year 2013

BSc, University of Baghdad , Year 2010



Profile:

- After graduation, I worked at Baghdad University in chemical engineering department as a lecturer for three years from 2014- 2017
- Participated in the Xth International Statistics days conference from (7-9 October 2016) in Giresun, Turkey

My participation was with research in chemical engineering covered the topic of experimental design "Taguchi Experimental Design, Optimization and Kinetic Study of Biodiesel Production from Oleic Acid

Teaching

Energy Balance: The aims of the course provide a deep knowledge, wide scope and improved understanding of the mechanisms in heat balance for closed and open system and for steady and unsteady state. The students should gain knowledge to apply the energy balance in engineering problems.

Material and Energy Balance: Studying understanding the heat balance that include the effects of chemical reaction as well as unsteady state material and energy balances. The students should gain knowledge to apply the material and energy balance in engineering problems.

Research Focus

Biodiesel production and esterification process

Water treatment

Publications

- 1- Kinetic Study and Simulation of Oleic Acid Esterification in Different Type of Reactors
- 2- Taguchi Experimental Design, Optimization and Kinetic Study of Biodiesel Production from Oleic Acid