

SAIF TALAL MANJI**INFORMATION**

Name : Saif Talal Manji
Date & Place of Birth : 1982 – Iraq
Address : Baghdad, Iraq
Phone No. : +964
email : saif.t.manji.82@gmail.com
saif.manji@koyauniversity.org

ACADEMIC TITLE

Assistant Professor of Chemical Engineering. since 1/8/2016

LANGUAGES

	Language	Speaking	Writing	Reading
1	Arabic	Mother tongue	Mother tongue	Mother tongue
2	English	Very Good	Very Good	Very Good
3	Kurdish (Sorani)	Good	Good	Good

EDUCATION

1. Baghdad University, Baghdad, Iraq
Ph.D. in Chemical Engineering 2011
2. Nahrain University, Baghdad, Iraq
M.Sc. in Chemical Engineering 2006
3. Nahrain University, Baghdad, Iraq
B.Sc. in Chemical Engineering 2003

POSTS

1. Director of Unit Operations Lab / Koya University since 2012.
2. Chairman of Chemical Engineering Department/ Koya University from November 2016 to November 2017.

RESEARCH INTERESTS

1. Process Simulation and Modeling
2. Computational Fluid Dynamics

3. Renewable Energy

TEACHING EXPERIENCE

1. Koya University, Koysinjaq, Iraq 2011 -
Chemical Engineering Department
2. Dijlah University College, Baghdad, Iraq 2008 - 2011
Refrigeration & Air Conditioning Eng. Department

INSTRUCTED COURSES

3. Mathematical Modeling
4. Unit Operation
5. Process Design
6. Industrial Safety
7. Engineering Mechanics
8. Gas Processing
9. Process Control
10. Mathematics
11. MATLAB
12. Visual Basic

COMPUTER LITERATURE

Very good Experience in working with:

1. ANSYS Fluent
2. COMSOL Multiphysics
3. UniSim
4. Aspen HYSYS
5. ChemCAD
6. AutoCAD
7. Solidworks

Programming

1. MATLAB
2. Visual Basic .Net
3. C++

ATTENDED TRAINING COURSES

1. Unit Operations Lab training course by EDIBON - 2012.
2. Petroleum Properties Lab training course by Koehler - 2014

SUPERVISION

1. BSc Projects: 8

CONFERENCES

1. K. S. Ali, **S. T. Manji** and M. H. S. Zangana, "Water reuse in cooling system at North Gas Company", in Proc. EIOGI 2017, International Conference on Environmental Impacts of the Oil and Gas Industries: Kurdistan Region of Iraq as a Case Study, IEEE Xplore Digital Library. Available: doi: 10.1109/EIOGI.2017.8267632.

PUBLISHED PAPERS

1. **Saif T. Manji**, "Multiphysics Numerical Simulation of Orange Juice Pouch Thermal Treatment", International Journal of Research in Engineering and Technology, 5 (2016), pp. 293-298.
2. Ribwar K. Abdulrahman, **Saif T. Manji**, Soran D. Jalal, "An experimental investigation to produce sustainable fuel form Sesamum oil", International Journal of Engineering Trends and Technology, 34 (2016), pp. 290-290.
3. Ribwar K. Abdulrahman, **Saif T. Manji**, Soran D. Jalal, "The Study of the Effects of Transfesterication Reaction Temperature on Corn Oil Biodiesel Yield", International Journal of Engineering Trends and Technology, 33 (2016), pp. 48-49.
4. Ribwar K. Abdulrahman, Abdulmajid H. Osman, Soran D. Jalal, **Saif T. Manji**, "The Investigation of Utilizing Refined Corn Oil to Produce Biorenewable Fuel as an Alternative Fuel for Diesel Engine", International Journal of Engineering Trends and Technology, 31 (2016), pp. 146-148.
5. **Saif T. Manji**, Soran D. Jalal, Abdulmajid H. Osman, "Mathematical Analysis of the Performance of a New Commercial Thin-Film Composite Forward Osmosis Membrane for Osmotic Hydro-Power Production", International Journal of Engineering Trends and Technology, 20 (2015), pp. 166-169.
6. Ribwar K. Abdulrahman, **Saif T. Manji**, Soran D. Jalal, "The Investigation of the Effects of the Transesterification Reaction Temperature on the Biodiesel Production Rate: Poultry Fats as a Feedstock", International Journal of Engineering Trends and Technology, 19 (2015), pp. 78-80.
7. Soran D. Jalal, **Saif T. Manji**, Preparation and Optimization of Poly(Vinyl Formal) from Poly(Vinyl Acetate) for Electrical Insulation, International Journal of Engineering Trends and Technology, 13 (2014), pp. 266-270.

8. **Saif T. Manji**, Adel O. Sharif, Adil A. Al-Hemiri, "Power Generation from PRO Process Using Flat Sheet TFC-ULP Koch Membranes, Iraqi Journal of Chemical and Petroleum Engineering, 11(2010) pp. 47-53.