

Curriculum Vitae



1-Personal Information

Name : Afraa Hilal Kamel
Affiliation : University of Technology-Chemical Engineering
Date of Birth :1983
Nationality :Iraqi
Marital Status : single

2-Scientific Rank

lecturer

3-Research Interests

- Modeling and control of chemical processes
- Using intelligent systems such as (Neural Network) in chemical engineering operations
- Heat exchangers
- The use of HYSYS program in the design of equipment

4-Education

Date	Discipline	Degree	Institution
2011	Chemical Engineering	M.Sc	Chemical Engineering/ University of Technology
2005	Chemical Engineering	B.Sc	Chemical Engineering/ University of Technology

5-Academic Experience

1-Undergraduate Level

- Teaching exercises of (Process Control) /4th Class
- Teaching exercises of Mass Transfer (3rd class)

- Supervision on projects of fourth class students
- Teaching the practical part of (Chemical Industries) /4th Class
- Teaching the practical of (unit operation) /4th Class
- Teaching the practical part of (Process Control) /4th Class
- Teaching the practical part of (Petroleum Refining) /4th Class
- Teaching the practical part of equipment design by using (Hysys Program) /3rd Class
- Teaching the practical part of (unit operation) /3rd Class
- Teaching the practical part of (MATLAB Programming) / 2nd Class
- Teaching the practical part of (Fluid Flow) / 2nd Class
- Teaching the practical part of (Material) / 2nd Class
- Teaching the practical part of (Fuel) / 2nd Class
- Teaching the practical part of (chemistry) / 1st Class

2-Postgraduate Level

- Teaching the practical part of numerical analysis for students master
- Teaching the practical part of refining material by using the Hysys program for students of the Higher Diploma

6-License/Certification

- Iraqi Engineering Incorporation

7-Skills and Qualifications (Language and computer)

- English language.
- Matlab , Microsoft Office , Hysys and Internet.