

## "CURRICULUM VITAE"

### 1. PERSONAL INFORMATION:

A. Name : SAAD NAHI SALEH  
B. Place and date of birth : Baghdad, 1968  
C. Marital status : Married  
D. Occupation : Lecturer  
(Chem. Eng. Dept.)  
College of Eng. , Tikrit University



### 2. University Education:

- B. Sc. Degree in Chemical Engineering, Department of Chemical Engineering, University of Baghdad 1990.
- M. Sc. Degree in Chemical Engineering, "Concentration of Nitric Acid by Vacuum Distillation", Department of Chemical Engineering, University of Baghdad 1999.
- Ph. Degree in Chemical Engineering, "Computer Aided Design for Spray Dryers", Department of Chemical Engineering, University of Baghdad 2005.

### 3. Research Interests :

- A. Computational Fluid Dynamics
- B. Modeling and design of heat and mass transfer equipments
- C. Research and development of spray drying.
- D. Design & Operation of Chemical Pilot Plant Systems.

### 4. Qualifications:

Extensive knowledge in computational fluid dynamics (CFD) (Fluent).  
Broad experience in modeling of multiphase laminar/turbulent flows.  
Experience in process design, equipment design.  
Experience in experimental testing and measuring instruments  
Excellent communication skills, technical writing, and team management  
Experience in administration of research and teaching projects

## **5. Professional positions:**

- a-( 1992-1995 )     **Process Designer in Chemical Industries Department  
(Chem. Eng. Design Center, Saad Company)**  
Designed a diluted nitric acid plant with 120 ton/day
- b- ( 1995-1998 ) **Senior Process Designer in Chemical Industries Department  
(Chem. Eng. Design Center, Saad Company)**  
Designed a concentrated nitric acid plant with 50 ton/day
- c- ( 1998- 2001 )   **Leader of Process Design Group  
(Chem. Eng. Design Center, Saad Company)**  
Designed an ammonium nitrate plant with 20 ton/day
- d- (2006-2013)     **Lecturer   ( College of Engineering / Tikrit University)**

## **6. Teaching Experience**

**Equipment Design, Mass& Heat Transfer, Engineering Analysis and Numerical Analysis**

## **7. PUBLICATION :**

**Saad Nahi Saleh, “TRANSIENT SIMULATION OF AIR FLOW IN A CO-CURRENT SPRAY DRYER”, EuroDrying 2011, Palma Balearic, Spain, October,2011**

**Saad Nahi Saleh, “CFD Simulations of a Co-Current Spray Dryer”, World Academy of Science, Engineering and Technology, vol. 62, 950-955, 2010.**

**Saad Nahi Saleh, “Prediction of Air Flow, Temperature and Humidity Patterns in a Pilot Plant Spray Dryer”, Nahrain J., Nahrain University, vol. 13, No.1, 2010.**

**Al-Hemiri, A., Saad Nahi Saleh, “Computer Aided Design of spray dryers”, Iraqi J. Chem. Petro. Eng.,vol.8, No.1, 27-34,2007**

**Al-Hemiri, A., Saad Nahi Saleh, “Concentration of Nitric Acid by Vacuum Distillation”, Iraqi J. Chem. Petro. Eng., vol. 2, sep., 19-25, 2001.**

**Saad N. Saleh, “Design of Prilling Tower for Production Ammonium Nitrate”, Chem. Eng. Design Center.2001**

**Accepted Journal Articles**

**Saad Nahi Saleh, “Basic Concepts of Prilling Tower Design”, Int. J. of Chem. Eng. and applications, 2010.**

## **8. ADREES:**

**Baghdad -Iraq ,**

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