

# Curriculum Vitae



## 1-Personal Information

Name : Alyaa Khadhier Mageed

Affiliation : al-wehda unit/chemical engineering department/university of technology  
(Included Phone and Email) [80077@uotechnology.edu.iq](mailto:80077@uotechnology.edu.iq)

Date of Birth : 8/11/1980

Place of Birth : Iraq/Baghdad/al-mansoor

Nationality : Iraqi

Marital Status : married

## 2-Scientific Rank: Lecturer

## 3-Research Interests

1. Transport phenomena
2. Catalysts
3. Nanotechnology and its application in chemical engineering
4. Reactors
5. Environmental Engineering

## 4-Education

(List your academic background, including undergraduate and graduate institutions attended)

Date	Discipline	Degree	Institution	Thesis Title
2002	chemical Engineering	Bachelor	University of Baghdad	
2005	chemical Engineering	Master	University of Baghdad	Extraction of Iron from Aqueous Chloride Media in Presence of Aluminum

2018	chemical Engineering	PhD	University Putra Malaysia	Copper-Based Catalysts Supported on Nitrogen-Doped Reduced Graphite Oxide for Dehydrogenation of Cyclohexanol to Cyclohexanone
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### 5-Postdoctoral Training (if available)

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### 6-Management Posts (if available)

(List in chronological order, included position details and dates)

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### 7-Grants and Fellowships (if available)

- Scholarship to Malaysia to get PhD degree
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## 8-Academic Experience

### 1-Undergraduate Level

1. Teaching students of the third stage in the Department of Chemical Engineering in the laboratory of pilot plant.
2. Teaching students of the fourth stage in the Department of Chemical Engineering in the laboratory of pilot plant.
3. Teaching students of the fourth stage in the Department of Chemical Engineering in the laboratory of control.
4. Teaching students of the second stage in the Department of Chemical Engineering in the laboratory of fuel.
5. Teaching students of the second stage in the Department of Chemical Engineering in the laboratory of fluid.
6. Teaching students of the second stage in the Department of Chemical Engineering in the laboratory of physics.
7. Teaching students of the third stage in the Department of Chemical Engineering the equipment design.

8. Teaching students of the third stage in the Department of Chemical Engineering in the laboratory of equipment design.
9. Supervise graduation projects for students of the fourth stage since 2007.
10. I worked in the test scores at the Department of Chemical Engineering for 5 years.
11. I worked in the Commission on absences in the Chemical Engineering Department for a period of one year.
12. I worked in the Commission an inventory of furniture in the Chemical Engineering Department for a period of one year.
13. I worked in Projects Committee the fourth stage in the Chemical Engineering Department for a period of one year.

### **9-Employment History** (if available)

(Including experience, institution, and data)

1. I worked in the oil field where I have service in the Midland Refineries Company (Daura Refinery) for a year since 2005 to 2006.
2. I'm working as a lecturer in the Department of Chemical Engineering / University of Technology since 2006 to date.

### **10-License/Certification** (if available)

- Member of the Order of Engineers Since 2003

### **11-Honors and Distinctions** (if available)

### **12-Skills and Qualifications** (Language and computer)

- good in English
- good in computer (word, excel, power point)

## **13-Publications/ Books**

### **1- Supervision**

### **2-Research**

#### **Under publication**

- 1- Synthesis of Nitrogen-doped Graphene supported Cu catalyst for the dehydrogenation of Cyclohexanol to Cyclohexanone •

#### **Accepted Manuscripts**

1-

#### **Published**

- 1- Extraction of Iron from Aqueous Chloride Media in Presence of Aluminum
2. The Effect of Surfactant Concentration on the Rate of CO<sub>2</sub> Absorption by Carbonate Solution in Packed Tower
3. Carbon Dioxide Absorption in Packed Column in Non-Newtonian Fluid
4. Effect of Solid Loading on Carbon dioxide Absorption in Bubble Column
- 5- Preparation and Characterization of Nitrogen Doped Reduced Graphene Oxide Sheet
- 6- Thermal Behaviour of Nitrogen Doped Reduced Graphite Oxide Supported Copper Catalyst
- 7- Nitrogen doped graphene-supported trimetallic CuNiRu nanoparticles catalyst for catalytic dehydrogenation of cyclohexanol to cyclohexanone
8. Response Surface Optimization of Hydrogen-rich Syngas Production by greenhouse gases Reforming

#### **14-Invited Lectures and Seminars\*** (if available)

- 1. Participate in the Course in training graduate students to use computers.
- 2. Participate in the Course in the liquidation of crude oil.
- 3. Participate in the Course in important aspects in the technology of crude oil and petroleum products.
- 4. Participate in the Course in the hydrogenation of oil products and gasoline improve the units and ways to improve.
- 5. Participate in the Course in the Microsoft excel.
- 6. Participate in the Course in entry and processing of documents through the scanner.
- 7. Participate in the Course in units of liquid gas.
- 8. Participate in the Course in Auto Cad.
- 9. Participate in the Course in Visual Fox Pro 7.
- 10. Participate in the Course in control systems using the PLC.
- 11. Participate in the Course in reactors and distillation towers (types, action and maintenance)
- 12. Participate in the Course in teaching methods
- 13. Participate in the ITP Toefl Course
- 14. Participate in the IC<sub>3</sub> Course

manuscript writing and publication ●

15. Participate in the Organising your writing

16. Participate in the Research Proposal Writing & Literature Review ●  
Writing

17. Participate in the Introduction to Thesis Writing ●

18. Participate in the Introduction to Thesis Writing ●

19. Participate in the Introduction to Thesis Writing ●

20. Participate in the Elements of the Thesis ●

21. Participate in the Presentation Skills ●

22. Participate in the Research Proposal Writing & Literature Review ●  
Writing

23. Participate in the Publication in a Scientific Journal ●

- 24. Participate in the How To Turn Your Dissertation Into A Journal Article •
- 25. Participate in the PUBLISHING IN •
- 26. Q1 JOURNALS WORKSHOp •
- 27. Participate in the Stress Management •
- 28. Participate in the 4th Malaysia 2D Materials and Carbon Nanotube •
- 29. Participate in the Thesis Writing •

### 15-Conferences and Training (if available)

- Participate in the International Conference in Advances in Chemical Engineering and Chemistry Research International Conference (ACECRIC 2016)

\*تملى الاستماره بحسب التسلسل الزمنى من الحديث ثم الاقدم  
\* كذلك تتضمن جميع دورات التعليم المستمر كمقرر او محاضر او مشارك  
\* Skills and Qualifications تتضمن الاهتمامات والمهارات الاخرى الغير المذكوره بالاستماره  
\* License/Certification تتضمن اعضاء اتحاد ونقابات, جمعيات محليه ودوليه  
\*الكتب تتضمن المؤلفه والمترجمة