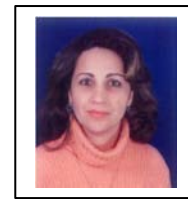


Curriculum Vitae



1-Personal Information

Name : Manal Afham Tooma Alsaegh
Affiliation
(Included Phone and Email)
Date of Birth : 1969
Place of Birth : Baghdad
Nationality : Iraqi
Marital Status : single

2-Scientific Rank

B.Sc. in Chemistry, 1991, College of Science, University of Al - Mustansiriyah, Baghdad, Iraq

M.Sc. in Chemistry / Industrial Chemistry, Polymers, 2005, College of Science, University of Al-Mustansiriyah, Baghdad, Iraq

Ph.D. in Chemistry / Polymers, 2015, College of Science, University of Al-Mustansiriyah, Baghdad, Iraq

3-Education

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

Date	Discipline	Degree	Institution	Thesis Title
1991	Chemistry	B.Sc.	Al-Mustansiriyah University	
2005	/ Industrial Chemistry polymers	M.Sc.	Al-Mustansiriyah University	Photo and thermal graftization on to secondary cellulose acetate by acrylamide monomer catalyzed by ammonium meta vanadate
2015	polymers	Ph.D.	Al-Mustansiriyah University	Preparation of PVC membrane for Vacuum membrane distillation and nanofiltration by grafting with PEA and PVP as additives

4-Academic Experience

1-Undergraduate Level

Industrial chemistry lab/ fourth class
Analytical chemistry lab / first class
Organic chemistry lab / first class
Physical chemistry lab / second class
Fuel technology lab/ second class
Analytical chemistry theoretical / first class
Organic chemistry theoretical / first class
Environmental chemistry theoretical /first class
Physical chemistry theoretical / second class

5-Employment History (if available)

- 1991-1995 Biochemist analysis laboratories
- 1993-1995 Mayoralty of Baghdad /Baghdad's water department
- 1995- till now University of Technology /Chemical Engineer ing Department

6-License/Certification (if available)

- Chemical safety and security officer training
- Chemical safety against radiation
- IC³
- Iraqi Chemists Union
- Calibration of the balance

7 -Honors and Distinctions (if available)

- 35 honors from (Minister of Higher Education, Undersecretary for Scientific Research, Director of Research and Development, President of the University of Technology, and Head of Chemical Engineer in department)

8-Skills and Qualifications (Language and computer)

- Computer IC³
- Chem. office
- English
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13-Publications/ Books

Accepted Manuscripts

-
-

Published

- Photograftization of acrylamide on to secondary cellulose acetate using ammonium metavanadate salt as catalyst (2006)
- Thermal graftization of acrylamide on to secondary cellulose acetate using ammonium metavanadate salt as catalyst (2006)
- Removal of chromium from electroplating wastewater by simple chemical treatment and ion exchange (26/6/2008)
- Study Mechanical Properties of Epoxy Resin Cured at Constant Curing Time and Temperature with Different Hardeners (2/6/2011)
- Synthesis and characterization of poly (vinyl chloride)-graft-poly (ethyl acrylate) and its membrane (18/5/2015)
- Modification of polyvinyl chloride (PVC) membrane for vacuum membrane distillation (VMD) application (8/7/2015)

3-Books

-
-

14-Invited Lectures and Seminars* (if available)

- Handling of radioactive sources and methods of radiation protection (lecture)
- Chemical safety and security officer training (lecture)
- Modification of polyvinyl chloride (PVC) membrane (seminar)

15-Conferences and Training (if available)

- A course in the Chemical safety and security officer training
- A course in the installation and operation of the GC device
- A course in teaching methods
- A course in standardization and quality control
- A course in the Calibration of Weighing Machines