

"Curriculum vitae"

Name: Dr. Hameed Rasheed Dawood Alamery

DOB: 11^{en} of January 1965

Marital status: Married

Nationality: Iraqi

Scientific Title: Lecturer (26-9-2017)

Affiliation: Al-Muthanna University, Engineering College,
Chemical Engineering Department

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Education:

- ❖ **Ph. D degree** (2017) Chemical Engineering, Bio-process Engineering, University Malaysia Perlis, Perlis, Malaysia. Title of Dissertation: "Mg-Al Hydrotalcite Supported Ionic Liquid Polyvinylidene Fluoride-Co-Hexafluoropropylene Membranes for CO₂ Permeation". Supervisor: Dr. Mohd Irfan Hatim and co-supervisor: Assoc. Prof. Dr. Muhammad Syarhabil Ahmad.
- ❖ **M.Sc. degree** (2003) Chemical Engineering Department, College of Engineering-Al-Rasheed, University of Technology, Baghdad, Iraq. Thesis: "Preparation and Study of some Physical and Mechanical Properties of B4C-YTZP Ceramic composite". Supervisor: Dr. Nahidh W. Kasser & Dr. Fadhil A. Chyad.
- ❖ **B.Sc. degree** (1996) Chemical Engineering, University of Technology, Baghdad, Iraq.
- ❖ **Diploma degree** (1984) Diploma, Department of Chemical Industries, Institute of Technology, Baghdad, Iraq.

Membership of national Organization:

- ❖ Iraq Association of Engineers, License Degree, Association No. 81237

Membership of international Scientific Journals:

- ❖ **Certificates** of reviewer membership for many international scientific journals and conferences.
- ❖ I have good experience in reviewing of scientific papers for many international scientific journals.

Professional Positions & Experiences:

- **2017 till Now:** Lecturer in Chemical Engineering Department, Engineering College, Al Muthanna University.
- **2009-2017:** Assistant Lecturer in Chemical Engineering Department, Engineering College, Al Muthanna University.
- **2010 - 2012:** Head of the Quality Assurance and University Performance Division, College of Engineering, University of Al-Muthanna.
- 2006-2009: Associate Director of the Clay Purification Project - Ministry of Science and Technology, Iraq.
- 2003-2006: MSc. Chemical Engineer- Ministry of Science and Technology, Iraq.
- 1996- 2003: Chemical Engineer-Military Industrialization Commission, Iraq.
- 1985-1996: Chief Observer, Iraqi Atomic Energy Organization.

Skills:

- **Language:** I have good experience in English language (Certificate of IBT TOEFL).
- **PC skills:** Statistical Analysis, SPSS, Windows, Microsoft Office, Excel.
- Experience in ceramic technology and composite materials.
- Experience in purification of clay and process of purification of local bentonite.
- Experience in spray coating by flame& electroplating.
- Very good in using of equipment in the laboratory and characterization XRD;
- IR; mechanical test: etc..

Awards:

- 1- Award Distinguished Lecturers of Engineering College in Day of university of Al-Muthanna **2009**.
- 2- Award Distinguished Lecturers of Engineering College in Day of university of Al-Muthanna **2010**.
- 3- Award Distinguished Lecturers of Engineering College in Day of university of Al-Muthanna **2011**

Publications:

- 1- Abdulsalam K. S.; Maria. G. R.; Thair L.; Hameed R. and Murtda A.Saiyah., Synthesis of Fibrous Hydroxyapatite through Sol-Gel Route, *Um-Salama Science Journal*, Vol.6 (2) 2009, Pages (379-385).
- 2- N.N.Rammosa, H.R.Al-Ameryb, T.Abdul-Jabbarc and H.I.Jafferd, Adhesion, hardness and structure of thermal sprayed Al/SiC composite coat on graphite, *Surface and Coatings Technology* Volume 203, Issue 19, 25 June 2009, Pages 2891-2895.
- 3- Hameed R. Alameery, M.D. Irfan Hatem, Muhammad Syarhabil Ahmad and Amira M.N., Preparation of Morphological Structure of PVDF-HFP Co Polymer Membranes for CO₂ Gas Separation Prepared Using Phase Inversion, *Australian Journal of Basic and Applied Sciences*, 9(36) December 2015, Pages: 295-302.

- 4- Hameed R. Dawood Alamery, M. D. Irfan Hatim and Muhammad Syarhabil Ahmad, A study of the effects of adding peg on the properties and morphology of asymmetric membranes comprising PVDF-HFP co-polymer fabricated by phase inversion method, ARPN Journal of Engineering and Applied Sciences, Vol. 11, No. 11, June 2016.
- 5- Hameed R. Dawood Alamery, M.D Irfan Hatim, Muhammad Syarhabil, and Amira M.N., Investigating Morphology of Asymmetric PVDF-HFP Membranes Prepared by Phase Inversion, International Journal of Engineering Trends and Technology (IJETT) – Volume 37 Number 3– July 2016.
- 6- Amira Mohd Nasib, Irfan Hatim, Nora Jullok and Hameed R. Alamery, Morphological Properties of Poly (Vinylidene Fluoride-Co tetra fluoroethylene Membrane): Effect of Solvents And Polymer Concentrations, Malaysian Journal of Analytical Sciences, Vol 21 No 2 (2017): 356 – 364.
- 7- M N Amira¹, M D Irfan Hatim¹, N Jullok¹, M Syahmie Rasidi² and Hameed R Alamery¹, Synthesis and Preparation of Asymmetric PVDF-co-PTFE/DES Supported Membrane for CO₂/N₂ Separation, IOP Conference Series: Materials Science and Engineering, Volume 429, International Conference on Advanced Manufacturing and Industry Applications 15–17 August 2018, Sarawak, Malaysia, doi:10.1088/1757-899X/429/1/012067.
- 8- ¹Saad Ali Ahmed, ²Hameed R. Alamery, ³Ahmed Samir Naje, ⁴Hussein A. M. Al Zubaidi, Eco-Friendly Enhancement of Fire Tube Boiler Control in Oil Factory Using Functional Block Diagram, Journal of Green Engineering (JGE) Volume-10, Issue-11, November 2020.
- 9- Saad Ali Ahmed, Khalid M. Mousa Al-Zobai, Hameed R. Alamery, Building Operational Sequence and Control of Fire Tube Boilers Using Ladder Logic with Zeliosoft Smart Relay, Solid State Technology Volume: 64 Issue: 2 Publication Year: 2021.
- 10- Hameed R D Alamery¹, * and Saad A Ahmed², Purification and activation of the Iraqi Bentonite for Edible Oil Production, IOP Conf. Series: Materials Science and Engineering 1090 (2021) 012039, doi:10.1088/1757-899X/1090/1/012039
- 11- Munaf D. F. Al-Aseebee^{*1}, Hameed R. Alamery² and Ali S.J.², Performance Evaluation of Electro Coagulation Process For The Treatment Of Groundwater, pollution research, 40 (2) : 651-656 (2021).

Academic Teaching:

- ❖ **Basic Principles and Calculations in Chemical Engineering:** 1st-stage, undergraduate students of Chemical Engineering Department/Al-Muthanna University **(2009 – 2013 and 2018 till Now)**.
- ❖ **Energy Balance:** 2nd-stage, undergraduate students of Chemical Engineering Department /Al- Muthanna University **(2009 – 2012)**.
- ❖ **Graduation project:** 4th-stage, undergraduate student of Chemical Engineering Department/Al-Muthanna University **(2011 till Now)**.
- ❖ **Thermodynamics:** 3rd-stage, undergraduate students of Chemical Engineering Department/Al-Muthanna University **(2018 till Now)**.
- ❖ **Heat transfer:** 3st-stage, undergraduate students of Chemical Engineering Department-Al-Muthanna University **(2010-2012)**.

Training Courses:

- (Advance researches Management of Ceramic composite) for Employees ceramic department of Ministry of Science and technology, which is held at Ministry of Science and technology, Baghdad, 2007.

Training Courses & Workshops:

- CERTIFICATE (Study of feasibility for industrial projects) Ministry of Science and technology, Bagdad, Iraq, Nov.2006.
- CERTIFICATE (Polymeric and composite material engineering and structure) (polymer - ceramic) (IMAST)- Naples – Italy - Nov. 2007.
- CERTIFICATE (Computer training course) Ministry of higher education and Scientific research, college of Education –Ibn al-Haitham- Bagdad, Iraq, Mar..2000.

Scientific Conferences:

1. The International Conference on Advanced Manufacturing and Industry Applications, 15–17 August 2018, Sarawak, Malaysia.
2. The First Scientific Conference of Engineering College/Al-Muthanna University, ICEST 2020, Iraq, 23-24 Dec. 2020.

Seminars & Workshop:

I have been managed several seminars and workshops in my specialize field that were held in Al-Muthanna University:

- 1- **(Industrial pollution and its effects on the environment)** held in Engineering College of Al-Muthanna University in 2020.
- 2- **(Ionic liquid and applications)** held in Engineering College of Al-Muthanna University in 2021.