

# *Curriculum Vitae*

Name: **Assistant Prof. Dr. Khalid T. Rashid**

Date of Birth: **20<sup>th</sup> of May 1967**

Nationality: **Iraqi**

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## **ACADEMIC QUALIFICATIONS PROFILE**

1. B.Sc. in Chemical Engineering, Chemical Engineering Department-University of Technology-Baghdad, Iraq, **1985-1990**.
2. M.Sc. in Chemical Engineering, Chemical Engineering Department University of Technology-Baghdad, **2004 -2006**. **Thesis:** “The Influence of Distance on Cathodic protection of Buried Pipelines in Soil: Ass. Prof. Shatha A. Sameh.
2. PhD in Chemical Engineering, Faculty of Chemical & Natural Resources Engineering, Universiti Malaysia Pahang (UMP).**2013-2017**. **Thesis** Poly

(Vinylidene Fluoride-Co-Hexafluoropropylene) Hollow Fibre Membrane for Membrane Distillation).

## **PROFESSIONAL QUALIFICATIONS**

1. Chemical Engineer-Ministry of Industrial and Minerals, from June 1990 to June 1992.
2. Asst. Lecturer, Department of Chemical Engineering-University of Technology, Alsinaa Street No. 52, P.O. Box 35010, Baghdad Iraq, from 2003 up to 2008.
3. Lecturer, Department of Chemical Engineering-University of Technology, from 2008 up to date.
4. Assist. Prof., Department of Chemical Engineering-University of Technology, from 2017 up to date.
4. Member of Iraqi Engineer Association, from 1990 up to date.

## **TEACHING**

- Chemical Engineering Principles.
- Thermodynamic
- Mathematics
- Industrial Management and safety Requirements.
- Engineering Drawing (Manual).
- Optimization of chemical Engineering.
- Chemical process control
- Supervision of various laboratories in Chemical Engineering field.
- Supervision of Plant Design Projects for Final year Undergraduate Students.

- Supervision of Especial Problem Projects for Final year Undergraduate Students.
- **Member of Membrane Research Unit** (Department of Chemical Engineering-University of Technology).

## PAPERS PUBLISHED IN JOURNALS

- 1) Galiano, F., Ghanim, A. H., Rashid, K. T., Marino, T., Simone, S., Alsalhy, Q. F., & Figoli, A. (2019). Preparation and characterization of green polylactic acid (PLA) membranes for organic/organic separation by pervaporation. *Clean Technologies and Environmental Policy*, 21(1), 109-120.
- 2) Rashid, K. T., Mansour, K., Abid, M. F., Ali, S. M., & Abed, K. N. (2019). Synthesis of dimethyl carbonate for enhancement of gasoline performance. *Journal of King Saud University-Engineering Sciences*, 31(2), 171-177.
- 3) Alsalhya, Q. F., Mohammedb, A. A., Ahmedc, S. H., Rashida, K. T., & AlSaadid, M. A. (2018). Estimation of nanofiltration membrane transport parameters for cobalt ions removal from aqueous solutions. *Desalination and Water Treatment*, 108, 235-245.
- 4) Alsalhy, Q. F., Rashid, K. T., Noori, W. A., Simone, S., Figoli, A., & Drioli, E. (2012). Poly (vinyl chloride) hollow-fiber membranes for ultrafiltration applications: Effects of the internal coagulant composition. *Journal of Applied Polymer Science*, 124(3), 2087-2099.
- 5) Abid, M. F., Al-Naseri, S. K., Al-Sallehy, Q. F., Abdulla, S. N., & Rashid, K. T. (2011). Desalination of Iraqi surface water using nanofiltration membranes. *Desalination and Water Treatment*, 29(1-3), 174-180.
- 6) Alsalhy, Q., Merza, A., Rashid, K., Adam, A., Figoli, A., Simone, S., & Drioli, E. (2013). Preparation and characterization of poly (vinyl chloride)/polystyrene/poly (ethylene glycol) hollow-fiber ultrafiltration membranes. *Journal of Applied Polymer Science*, 130(2), 989-1004.

- 7) Alsahly, Q. F., Rashid, K. T., Ibrahim, S. S., Ghanim, A. H., Van der Bruggen, B., Luis, P., & Zablouk, M. (2013). Poly (vinylidene fluoride-co-hexafluoropropylene)(PVDF-co-HFP) hollow fiber membranes prepared from PVDF-co-HFP/PEG-600Mw/DMAC solution for membrane distillation. *Journal of Applied Polymer Science*, 129(6), 3304-3313.
- 8) Rashid, K. T., Rahman, S. B. A., & Alsahly, Q. F. (2016). Optimum Operating Parameters for Hollow Fiber Membranes in Direct Contact Membrane Distillation. *Arabian Journal for Science and Engineering*, 41(7), 2647-2658.
- 9) Rahman, S. A., Rashid, K. T., & Alsahly, Q. F. (2017). Improvement of PVDF-co-HFP Hollow Fiber Membranes for Direct Contact Membrane Distillation Applications. *Indian Journal of Science and Technology*, 8(1).
- 10) Rashid, K. T., Rahman, S. A., & Alsahly, Q. (2015). Hydrophobicity Enhancement of Poly (vinylidene fluoride-co-hexafluoropropylene) for Membrane Distillation. *Journal of Polymer Science and Technology*, 1(1), 1-9.
- 11) Rashid, K. T., & Sunarti, A. R. (2006). Enhancement the Flux of VDF-co-HFP Hollow Fiber Membranes for Direct Contact Membrane Distillation Applications. *ARPJ Journal of Engineering and Applied Sciences*, 11, 2189-2192.
- 12) Rashid, K. (2009). Effect of mixing speed and solution temperature on cathodic protection current density of carbon steel using magnesium as sacrificial anode. *Eng. Technol. J*, 27, 1640-1653.
- 13) Khalid T. Rashid. (2012). Corrosion Inhibition of Aluminum Alloy 7613 by Dimethylethanolamin in (0.6 M) NaCl Solution. *Eng. Technol. J*, 30, 648-696.

## **RESEARCH INTERESTS**

**(Membrane Technology, Membrane Separation Processes, Water and  
Wastewater Treatment)**