

**Professor Abdulhaleem Abdulkareem
Mohammed.....**



**Department of Oil and gas refinery
engineering.....**

Professor of Petroleum refinery engineering

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Education:

PhD, University of Baku for oil and gas....., Year 1968

MSc, University of Lvov for polytechnic, Year 1965

BSc, University of Lvov for polytechnic....., Year 1965

Profile:

- 1. Chief of scientific researcher in Petroleum Research Institute/Scientific Research Council till 1987**
- 2. General Director of Petroleum Research Institute/Scientific Research Council till 1991**
- 3. Professor, head of Chem.Eng.Dept., and then Emeritus Professor/College of Eng./University of Baghdad till 2013**
- 4. Member then Head of Central Scientific Promotion Committee of University of Baghdad 2008-2013**
- 5. Emeritus professor, Head of Petroleum Eng. Dept., and Dean Assistant 2013-2019**

Teaching

- 1. Chemical reactions kinetics, Third stage**

This course gives general information about the type of chemical reactors and the method of determination of the rate equation for ideal batch reactor.

- 2. Petroleum refinery engineering, Fourth stage**

This course gives idea about the thermal and catalytic processes in petroleum refining which produces different high quality products, like automobile gasoline, kerosene, diesel fuel, and fuel oil.

3. Student graduation projects.

Research Focus

- 1. Catalyst preparation and development for different petroleum refinery processes.**
- 2. Catalytic cracking and isomerization for high octane free lead gasoline production.**
- 3. Re-refining of spent motor lubricating oil and transformer oil.**
- 4. Pollution reduction of automobile flue gases.**
- 5. Coking of different petroleum residua.**

Publication

- 1. IOP Conference Series: Materials Science and Engineering, 2019, 518(6). 062007**
- 2. ARPN Journal of Engineering and Applied Sciences, 2018, 13(23), pp. 9002-9011**
- 3. Catalysis Communications, 2020.134,105834**
- 4. Fluid Phase Equilibria, 2012, 313, pp. 165-170**
- 5. Transport in Porous Media, 2011, 86(1), pp. 215-228**
- 6. Korean Journal of Chemical Engineering, 2010, 27(6), pp. 1801-1804**
- 7. Korean Journal of Chemical Engineering, 2010, 27(3), pp. 752-758**
- 8. Fuel Science and Technology International, 1990, 8(4), pp.307-326**
- 9. Iraqi Journal of Chemical and Petroleum Engineering, 2001, vol. 2, December**
- 10. Journal of Scientific & Engineering Research Volume 8, , Issue 6, June 2017**
- 11. Fuel (England), 1988, Vol 67, May**
- 12. Fuel Science and Technology International (USA),1988, 6(6), pp. 593-608**
- 13. Fuel Science and Technology International (USA), 1987, 5(6), pp. 655-675**
- 14. Fuel (England), July 1985, 64(7), pp.921-924**

15. The Analyst (England), January 1985, 110(12), pp.477-1480

Affiliations/Activities

Former Editor in chief of Iraqi Journal of Chemical and Petroleum Engineering Journal