

# Curriculum Vita

**Full Name:** Mohamed Mahmoud Mohamed Al-Ghariani.

**Birthdate:** 1980, Tripoli.

**Residence:** Tripoli.

**Position:** Faculty Member at the Higher Institute of Science and Technology,  
Gharyan.

**Academic Degree:** Assistant Professor.

**Phone Number:** 0914564814 . 0915285338.

**Marital Status:** Married.

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## **Academic qualifications obtained:**

1. Bachelor's degree in Chemical Engineering from the Faculty of Engineering, University of Tripoli, 2005.
2. Master's degree in Chemical Engineering from the Faculty of Engineering, University of Tripoli, 2008.

## **The following academic reviewed and issued as the following:**

- 1- Participating faculty member at the Faculty of Science, Gharyan, University of the Western Mountains, 2008.
- 2- Participating faculty member at the Yafran Higher Institute, Department of Chemical Technology, 2007-2012.
- 3- Participating faculty member at the Gharyan Higher Institute, Department of Chemical Technology, 2008-2012.
- 4- Trainee faculty member at Al-Marqab, Al-Qarbouli Branch, Department of Chemical Engineering, 2009-2011.
- Participating faculty member at the University of Tripoli, Ajfara Branch, General Education Department, 2011.
- 6- Participating faculty member at the Higher Institute of Imsahel, Chemical Technology Department, 2014-2017.
- 7- Attended the eleventh workshop held at the Higher Institute of Fine Arts Technology from August 5-6, 2017.

- 8- Member of the Gharyan Technology Magazine Committee from 2016 to present.
- 9- Participating at the National Center for Assurance and Accreditation of Educational and Training Institutions, Libya, from 2021 to present.
- 11- Member of the Committee for the First Quality Forum 2021 (Quality in Educational Institutions in Libya: Reality and Ambition) at the University of Benghazi.
- 12- Member of the Committee for (World Quality Day 2022) at the Academy of Graduate Studies in Tripoli.
- 13- Member and Rapporteur of the Higher Committee for Institutional Accreditation at the Higher Institute of Science and Technology, Gharyan.
- 14- Member of the Strategic Plan Follow-up Committee at the Planning and Development Office of the National Center for Assurance and Accreditation of Educational and Training Institutions, Libya.

**Courses have been taught:**

(Introduction to Chemical Engineering, Introduction to Petroleum Engineering, Thermodynamics, Physical Chemistry, Fluid Transport, Reaction Engineering I, II, Material Transfer I, II, Heat Transfer I, II, Oil and Gas Refining, Plastics Technology, Numerical Analysis, Plant Design, Computer Programming, Supervising Graduation Projects).

Specialized Simulation Programs:

(FORTRAN POWER 90, POLYMAT, HYSYS ASPEN 3.2)

**Participated scientific papers:**

- 1- Participated in a research paper in the field of commercial engineering at the International Groundwater Conference, held from November 20-22, 2006, in Tripoli, Libya, entitled "Numerical Solutions for the Diffusion of Dissolved Matter in Groundwater in Three Dimensions."
- 2- Participated in a research paper in the field of chemical engineering at the Gharyan Journal of Technology, Issue 1, July 2016, in Gharyan, Libya, entitled "Auto Spare Parts Production in Arab Countries."
- Participated in a research paper in the field of chemical engineering at the 7th Local Refineries Forum and Workshop, held from August 14-16, 2017, in Tobruk, Libya,

- entitled: (Study The Operating Variables Of Reactive Distillation By HYSYS Software).
- 4- Participated in a research paper in the field of chemical engineering in the Gharyan Journal of Technology, Issue 2, December 2017, in Gharyan, Libya, entitled: (Assessment of Sandwich Panels in Construction Industries).
  - Participated in a research paper in the field of petroleum engineering at the Second Scientific Conference on Oil and Gas, held from February 5-7, 2018, in Ajdabiya, Libya, entitled: (Optimization Refinery Processes to Maximize Gasoline Production).
  - 6- Participated in a research paper in the field of chemical engineering at the Gharyan Journal of Technology, Issue 3, May 2018, in Gharyan, Libya, entitled: (Activity Coefficient Correlations and Uses)
  - Participating in a research paper in the field of chemical engineering in the Gharyan Journal of Technology, Issue 7, May 2021, Gharyan, Libya, entitled: Waxy crude oil transportation in a Gulf-sirt offshore field.
  - 8- Participating in a research paper in the field of chemical engineering in the Gharyan Journal of Technology, Issue 8, September 2022, Gharyan, Libya, entitled: (The Effects of Land Use Changes in Malaysia on the Structural Characteristics of Soil Organic Matter).