



1. Name and Academic Rank: Eng. Aya EL HAJJ CHEHADE, Lecturer, full-time.

2. Education: Degrees, Discipline, Institution and Year:

- Master degree, “Petroleum Structures”, Lebanese University and Lille University, 2020
- Bachelor degree, “Chemical and Petrochemical Engineering”, Lebanese University, 2019

3. Academic Experience:

- Beirut Arab University, Lecturer, August 2022 – present, Full-time, Department of Chemical and Petroleum Engineering

Courses: Process Control, Process Optimization, Catalysis and Catalytic Processes, Polymer Engineering, Membrane Science, Colloids and Interfaces, Biomass Engineering Organic Chemistry, Physical Chemistry, Principles of Chemistry II.

4. Certification and Professional Registration

- Member of the Order of Engineering and Architects in Lebanon. (2022–present)
- Certificate in French Language Studies, DELF level B2, 2013

5. Service Activities and Memberships

- Member of the Library Committee at Beirut Arab University. (September 2023 – present)

6. Research Interests

- Hydrogen energy
- Petro-chemistry
- Renewable energy

7. Journal Publications

- El Hajj Chehade, A.M., Daher, E.A., Assaf, J.C., Riachi B. & Hamd, W. (2020). “Simulation and Optimization of Hydrogen Production by Steam Reforming of Natural Gas for Refining and Petrochemical Demands in Lebanon”. International Journal of Hydrogen Energy. <https://doi.org/10.1016/j.ijhydene.2020.09.077>.