

Curriculum Vitae

Shatha Fadil Al – Saidi

1. **Name**: Shatha Fadil mohammad Hassan Al – Saidi
2. **Post** : Assistance professor
3. **Address**:
 - Work: Dept. of Chemistry, College of Science, Al-Nahrain University (Jadiriya, Baghdad, Iraq)
 - Phone:
 - Email: shshf1954@yahoo.com
4. **Languages**: Arabic, English
5. **Nationality**: Iraqi
6. **Place and Date of Birth**: Wasit-Iraq 1/7/1954
7. **Sex**: Female
8. **Marital status**: Single
9. **Academic Qualifications**:
 - Teaching Assistance (1979)
 - Lecturer (1987)
 - Assistance professor (2009 - until now)
10. **Specialization**: Physical Chemistry (Quantum Chemistry)
11. **Experience**:
 - Teaching Assistance in Dept. of Chemistry, College of Education (Ibn-Al-Haitham), University of Baghdad. from (1979 to 1984)
Physical chemistry Lab.(Kinetic, Electro and Thermodynamic).
Instrumental analytical chemistry Lab.
 - Teaching Assistance in Dept. of Chemistry, College of Science , University of Baghdad. from (1984 to 1987)
Physical chemistry Lab.(Kinetic,Electro and Thermodynamic)
 - Lecturer in Dept. of Chemistry, College of Science , University of Baghdad. from (1987 to 1989)
Director of Physical Chemistry Lab.(Thermodynamic,Kinetic and Electro Chemistry).
Teaching(Tutorial [solving exercises] in Quantum Chemistry)
 - Lecturer in the dept. of chemistry, college of science, university of Baghdad from (1994 to 1997)
Teaching Quantum Chemistry and Spectroscopy
 - Lecturer in dept. of chemistry, college of science, University of

Gar Younis-Libya from (1996 to 2001)
 Teaching Quantum Chemistry and Spectroscopy for fourth year student.
 Teaching Statistical thermodynamic for third year student.
 Teaching Thermodynamics for second year student.
 Teaching Physical and Inorganic Chemistry for first year student
 Teaching Physical Chemistry for first year Dental, Pharmacy student.

Share in teaching post graduate students((Quantum Chemistry and Statistical Thermodynamic))
 Lab. Director of Physical Chemistry Lab.(Thermodynamic and Equilibrium)

- Lecturer and Assistance professor in Dept of Chemistry, College of Education (Ibn- Al- Haitham), University of Baghdad from (2002 to 2009)
 Teaching Quantum Chemistry for fourth year student.
 Lab. Director of Physical Chemistry Lab.(Kinetic and Electro Chemistry)
- Assistance professor in dept. of Chemistry, College of Education, (Ibn- Al- Haitham), University of Baghdad from (2009 to 2010)
- Assistance professor in dept. of Chemistry, College of Science, University of Al -Nahrain from(2010-until now)
 Teaching Quantum Chemistry and Spectroscopy for fourth year student.
 Teaching Chemical Kinetics and Electrochemistry for third year Student.
 Teaching Quantum Chemistry and Molecular symmetry for post graduate students.
 Teaching Physical Chemistry for post graduate students.

12. Research Published:

1. Shatha F. Al –Saidi, Ibrahim T. Ibdrahim, &Muthana Shanshal.
 Interaction of C=N bond with the Cyclopropyl Ring.
 Z.Naturforsch 36a, 768-773 (1981)
2. Al-kasim N.A., AL-Saidi W.F. and Al-Saidi S.F.
 Clinical limitation of Cutaneous Oxygen Tension Monitoring during Cradiopulmonary Bypass.
 J.Fac.Med,Baghdad, 29(3), 283-293(1987).
3. Al-Saidi W.F., Al-Saidi S.F., and Qassab M.

Trasutaneous PO₂ Measurement for Evaluating the progress of skin autographs in man during the first post-operative Year.
J.Fac.Med.Baghdad,30(3),299-306(1988).

4. Daher.H. Abed, Marin B. Mammo, shatha F. Al-Saidi and M. Shanshal.
A Computer description of the normal modes of molecular vibration as calculated using Cartesian force constants.
Iraqi J.Sci., 31 (3), 539-547 (1990).
5. Elham M.Al-Rufaie, Shatha F. Al-saidi, Mareen B. Mammo, M. Shanshal.
A Polagraphic-Spectrophotometric Assay of Ubiquinones (C₀ Q).
Iraqi J.Sci., 31 (4), 71-82 (1990).
6. Daher H. Abed, Shatha F. Al-Saidi and M. Shanshal
Quantum Chemical Description of Molecular Vibration Spectra. Treatment for the Substituted Methyl Derivatives.
Chim. Acta Turc., 23,7-20 (1995).
7. Shatha F.Al-Saidi and M. Shanshal.
Quantum Chemical Description of the Molecular Vibration Spectra. Treatment for the 5-Membered N-Heterocycles.
Iraqi J.Sci. 40A (2) , 140-169 (1999).
8. Shatha F. Al-Saidi and M. Shanshal.
MINDO/3-FORCES Calculated vibration Frequencies and IR Absorption Intensities of Benzene and Pyridine.
Iraqi ,J.Sci. 40A(1), 151-168 (2000).
9. Shatha F. Al-Saidi and M. Shanshal.
Calculated Vibration Frequencies , IR Absortion Intensities and Normal Coordinates of the Six-ring N-Heterocycles, pyrazine pyrimidine, and s-Triazine.
Iraqi J.Sci. 41A(2), 212-231(2000).
- 10.Zainab Abbas H.Al-Dulaimy, Asal Ahmed Al-Jawary and Shatha F. Al-Saidi .
Viscosity and Volumetric studies of amino acids in solutions at different temperatures.
Journal of Kerbala University Scientific, 7(2),2009.
- 11.

كتاب "أسس و تجارب في الكيمياء الفيزيائية" ,تأليف فتحي الأشهب, لبنى شيحا,
طارق نجم, شذى السعيدى, حسن الربيعي, علي المهداوي , منشورات جامعة
قاريونس(بنغازي – ليبيا)

12.Samar T. Hameed, Taghried A. Salman and Shatha F. Al-Saidi
The inhibition effect of ampicilin on corrosion of pure aluminum
in 3.5 % NaCl aqueous solution, Journal of Al Nahrain University-
Science, 18(3), 50-61, 2015.

13. Rana Jamal, Shatha Fadil Al-Saidi
Theoretical study of molecular structure, conformations, and
vibrational spectra for diazabicyclo[1.1.0]butane and
diazabicyclo[2.1.0]pentane, Physical Chemistry *An Indian
Journal*, 10(5), 149-162, 2015.

13. Certification:

- **B.Sc.** Department of Chemistry, College of Science, University of
Baghdad (1976)
- **M.Sc.** Department of Chemistry, College of Science, University of
Baghdad (1978)
Title of M.Sc. Thesis: Electronic absorption in the gas phase of three
membered ring of azomethine derivative.
- **Ph.D.** Department of Chemistry, College of Science, University of
Al-Nahrain (1994)
Title of Ph.D. Thesis: Vibration frequencies and IR absorption
intensities of heterocyclic as calculated applying the MINDO/3 –
FORCES method.