

## Sallama Sadeq Hammadi Hassan Al-Mfergi

[sallamsadiq@yahoo.com](mailto:sallamsadiq@yahoo.com)

Msc-B.Sc.Physics



Gender : Female  
Nationality : Iraqi  
Birth day & place : 19/2/1954- Baghdad  
Marital status : Married  
Mobile No. : 009647711181114  
Address : Baghdad- city 885 –street 25 –house 36  
Members of Iraqi teaching Association since 1980

### **Educations & Certificates :**

BSc.( Bachelor Science) in general Physics – College Of Science – University of Al Mustanseria – Baghdad – Iraq. 1979.

Msc. (Master Science) in Nuclear Physics. College Of Science. University Of Al Mustenseria.. Baghdad. Iraq. 2003- 2005.

### **Experience & qualifications:**

Total Years of experience in teaching of general physics are 26 years (for Secondary Schools + College of Science) .

- Now I am Teacher of atomic and nuclear Physics in Science College. Al Mustenseria University. Baghdad. Since February 2005. Ministry Of high Education.
- Course of new methods of teaching for university students for one month in 2005 in Al Mustanseria University.
- Teacher of physics for secondary schools in Najaf city from 1979- 1992 .
- Course in methods of teaching. to secondary school students. six months. At 1987 in the Najaf Education offices- ministry of education.
- Teacher of general physics in Al Manhal, Al Zahrah Secondary School. Al Kark Education office – Ministry of Education from 1991- 2000.
- Teacher of general physics & Mathematics in Rokiah, Maiesallon Secondary School. Najaf Education office, Ministry of Education.
- Course in English language for High Education staff, for one month in College of Education – University of Baghdad – August 2000.
- Course In computer & Internet For high educated staff in the college of science, University of Baghdad in July 2000.
- IC<sub>3</sub> certificated , AL Mustansiriya University// College of Science // Department of Computer - 2011.

- A TOEFL certificate University Ajman 2012 .
- A current member of Iraqi nano technology 2011.
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### **Research works :**

1. Studying the effect of the effective charge on nuclear structure of even-even nuclei (A=150-154) and (A=168-172). In January 2005 .
2. Energy bands (g, beta, Gamma) and energy ratios for even-even nuclei Yb(A=168-172) In January 2005
- 3 . The electric quadrupole moment and the effective charge of even-even Sm(A=150 -154) isotopes(2005)
- 4- Determination of Uranium Concentration In Teeth Male Samples Using Fission Tracks In CR-39 From Different Countries.
- 5- Determination of Uranium Concentration In Teeth female Samples Using Fission Tracks In CR-39 From Different Countries.
- 6- Determination of Uranium Concentration In Female And Male Children's Teeth Samples Using Fission Tracks In CR-39 From Different Countries
- 7- Effect of Irradiation on Optical Properties of TiO<sub>2</sub> Thin Films
- 8- Calculation the Energy Levels and Energy Band and energy ratios for even-even 154, 156, 158 Dy Isotopes (2014)
- 9- Energy Bands Spectrum (g,  $\beta$ ,  $\gamma$ ) and Energy Ratios For Even-Even Gd (A = 150-154 ) (2014)
- 10- Uranium Concentration Measurement in Soil for Some Areas of Irbil Regions by Using CR-39 Detector(2014)
- 11- Nuclear Structure for Nd <sup>148,150,152</sup> A Isotopes Using IBM-1 (2017)

### **AWARD AND HONOURS:**

- 1- Thanks and attitude from General Directorate of Education – Najaf Governorate , letter No. 26582 at 6/12/1986.
- 2- Thanks and attitude from General Directorate of Education – Najaf Governorate . Letter No. 1022 at 15/1/1987.
- 3- Thanks and attitude from General Directorate of Education- Najaf Governorate. Letter No.33324 at 24/11/1987.
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