

CURRICULUM VITAE



Mohammed Salih Ali Mohammed

**Assistance professor, Department of Physics,
College of Education
University of Salahaddin /Hawler,
Kurdistan Region, Iraq.**

Personal:

Date of Birth: July 1, 1955.

Place of Birth: Nawdasht, Sulaimani, Kurdistan Region, Iraq.

Nationality: Iraqi-Kurdish.

Gender: Male.

Home address: No. 34, Zanco Village, Erbil, Iraq.

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Higher Education:

Master of Science (Nuclear physics), - 1982

Department of Physics,

College of Science

University of Salahaddin /Hawler, Kurdistan Region, Iraq.

Thesis Title: (New Gamma Transitions Produced in the Decay of Ir-192).

Thesis Supervisor: Ass. Prof. Dr. Abdul Hamed Al Qamhawy, Dr. Osman
Mohammed Mustafa.

Bachelor of Science (Physics), 1978 – 1979.

Department of Physics

College of Science

Sulaimani University, Kurdistan Region, Iraq.

Area Of Interests/ Field Of Research:

- (1) Spectrum analyzing of nuclear radiation.
- (2) Solid State Nuclear Track Detectors SSNTD^s.
- (3) Biophysics.
- (4) Radiation Protection.
- (5) Radiation Dosimeters.
- (6) Health Physics.

Employment History:

1- 4/5/1983 – 10/10/1994

Assistance lecturer, Department of Physics, College of Science, and
College of Education, University of Salahaddin / Hawler, Kurdistan Region, Iraq.

2- 10/10/1994 - 9/12/2002

Lecturer, Department of Physics, College of Education,
University of Salahaddin /Hawler, Kurdistan Region, Iraq.

3- 9/12/2002 - present

Assistance professor, Department of Physics, College of Education,
University of Salahaddin /Hawler, Kurdistan Region, Iraq.

4- 9/11/2009 – 27/11/2012

Head of Physics Department, (from 9 / 11 / 2009 to 27 / 11 / 2012)
College of Education, University of Salahaddin /Hawler, Kurdistan Region, Iraq.

Teaching Experience:

1983 – 1992

Assistant Lecturer, the University of Salahaddin
(college of Science, and College of Education, Department of Physics)
Electricity and Magnetism 1st year, General Physics 1st year of
biology ,General Lab. 1st year, Electricity and Magnetism Lab. 1st
year.

1993 – 2002

Lecturer, the University of Salahaddin
(College of Education, Department of Physics)
Electricity and Magnetism 1st year, Adv. Electricity and
Magnetism 2nd year, thermodynamics 2nd, Biophysics 4th year (optional)
General Physics 1st year of Biology and Mathematics.
General Lab. 1st year, Electricity and Magnetism Lab. 1st year.
Adv. Electricity and Magnetism Lab. 2nd year, Electronics Lab. 3rd year.

2002 – 2011

Assistance professor, the University of Salahaddin
(College of Education, Department of Physics)
Electricity and Magnetism 1st year, General Physics 1st year of
Biology and Mathematics, Adv. Electricity and Magnetism 2nd year,
Thermodynamics 2nd, Statistica michanics 3rd year, Biophysics 4th yea
(optional),
General Lab. 1st year, Electricity and Magnetism Lab. 1st year.
Adv. Electricity and Magnetism Lab. 2nd year, Optics lab. 2nd year,
Electronics Lab. 3rd year, illustration lab. 4th year, Nuclear Lab. 4th year.

Administrative Work Experience:

- 1- Member of Union of Physics and Mathematicians, since 1980.
- 2- Member of Kurdistan Teachers Union, since 1983.
- 3- Member of Culture Center of Salahadin University, since 1983 .
- 4- Member of Kurdistan Parapsychology Syndicate, since 2002.

5- Member Of Kurdistan Physicist's Syndicate, since 2006.

6- Member of (AAPM) USA, since 2013.

7- Member of (IUR) International Union of Radioecology, since 2013.

Languages:

Mother Tongue: Kurdish (perfect).

Arabic (perfect).

Knowledge of English Language.

Published Papers:

- 1 – A. S. Karim, M. S. Ali, "A Study of UV and IR Absorption in $B_2O_3 - V_2O_5$ Glasses". *Zanco Journal for Pure and Applied Science, Special Issue (2) Proceeding of Third Scientific, Vol. 2, pp. 373 – 383, (1998)*.
- 2 – M. S. Ali, "Infra - red Spectroscopy and Structural Measurements of $CuO - P_2O_5 - TeO_2$ Glasses", *Zanco Journal for Pure and Applied Science, Special Volume for the papers of the abolished Journal of Education College, pp. 57-74, (1999)*.
- 3 – M. S. Ali, Sh. A. TAHA, "A Study of Optical Absorption and DSC of $V_2O_5 - TeO_2$ Oxide Glasses", *Zanco Journal for Pure and Applied Science, Special Volume for the papers of the abolished Journal of Education College, pp. 149 – 162, (1999)*.
- 4 – Mohammed S. A. Mohammed, "The Health Effects and Lung Cancer Risk Resulted From Rn^{222} in Some Sites of HERO Sub District -Sulaimani City", *Zanco Journal for Medical Science, vol. 6, no. 2, pp. 77 – 88, (2002)*.
- 5 – Mohammed S. A. Mohammed, "Uranium Estimation in Rock Samples Collected From Some Area of Kurdistan Region – Iraq", *Zanco Journal for Pure and Applied Science, vol.15, no. 1, pp. 47 – 56, (2003)*.
- 6 – Edress M. Tahir, Mohammed S. A. Mohammed, Sardar B. Khedir,"

Studying

the Radioactivity and Determining the Dose Equivalent for Radon Rn²²² in Some Kurdistan Stone – Quarries”, Zanco Journal for Pure and Applied Science, vol.15, no. 1, pp. 57 – 64, (2003).

- 7 – Mohammed S. A. Mohammed, ”Uranium Concentration measurements from Different Rock Samples by using CR-39 Plastic Alpha Track Detectors in Koysinjaq”, Zanco Journal for Pure and Applied Science, vol.15, no. 2, pp. 55 – 64, (2003).**
- 8 – Mohammed S. A. Mohammed, Edress M. Tahir, Sardar B. Khedir, ” Limitation of Time and Dose for Diagnosing of Thyroid, Renal, Bone, and Liver-Spleen by Using Tc-99m”, University of Mosul, J. Education and Science, Vol.16, no. 2, pp. 72 – 84, (2004).**
- 9 – H.H. Mansour, Mohammed S. A. Mohammed, Sh. M. AL-Jobori, ” Measurment of Alpha Production Rate Emanated from Rock Samples Using CR – 39 Plastic Alpha Track Detectors”, Ibin Al- Haetham Journal for Pure and Applied Science, (2001).**