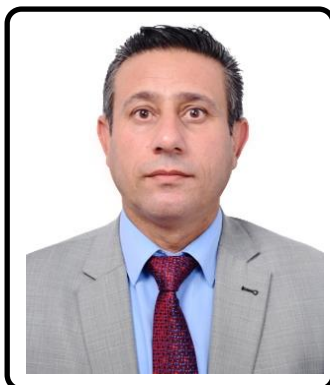




University of AL Hamdaniya

Academic and Curriculum Vitae



First: Personal Information

Full Name	Malik Hussien Kheder Alali
Gender	Male
Date of Birth	01-02-1973
Place of Birth	Mosul
Nationality	Iraqi
Social Status	Married
No. of Children	6
Years of Working	23 year

Second: Academic Degrees

Certificate	General Specialization	Specific Specialization	Graduation date	College	University	country
Ph.D.	Physics	Nuclear Physics	4-10-2009	College of Sciences	University of Mosul	Iraq
M.Sc.	Physics	Atomic Physics	1-4-2001	Education College	University of Mosul	Iraq
B.Sc.	Physics	Physics	1998	Education College	University of Mosul	Iraq
Academic Titles and their Acquiring Dates				Assist. Prof. – 7-5-2020		

Third: Teaching and Working Tasks

- 1- Since 12/1/2001, I have been teaching at the University of Mosul/College of Science/Department of Physics .
- 2- Since September 1, 2016, I have been teaching at Al-Hamdaniya University / College of Education / Department of Physics.

- 3- **Electronic Governance Committees / Chairman of the Human Resources Committee at Al-Hamdaniya University / According to Administrative Order 560 dated 4/26/2018**
- 4- **Chairman of the Central Committee for Implementing the Statistical System for Higher Education Information (undergraduate and postgraduate students) at Al-Hamdaniya University / according to Administrative Order No. 716 dated 5/29/2018**
- 5- **Chairman of the Human Resources System Development Committee at the Presidency of Al-Hamdaniya University / according to Administrative Order 744 dated 6/5/2018.**
- 6- **Member of the Government Program Committee according to Administrative Order No. 2/1/Q/Resources/402 dated 2/21/2019.**
- 7- **Member of the Scientific Committee for the Geography Department symposium entitled The Impact of Climate Conditions on the Natural Components of the Nineveh Plain on 5/8/2018 according to Administrative Order 1/2216 dated 4/26/2018.**
- 8- **Member of the Courses Committee of the Physics Department, according to Administrative Order 1/1113 dated 4/4/2019.**
- 9- **Chairman of the Committee for Implementing the Statistical System for Human Resources according to Administrative Order 2/1/Q/Resources/440 dated 2/27/2019.**
- 10- **Member of the Supervision Committee of the Scientific News Journal. According to Administrative Order 2/1/Q/Mawared/959 dated 5/5/2019.**
- 11- **Member of the work team to supervise the registration of teaching staff on scientific platforms. According to Administrative Order 2/1/Q/Mawared/1039 dated 5/16/2019.**
- 12- **Member of the examination audit committee in the Physics Department according to Administrative Order S/181 dated 11/7/2017.**
- 13- **Member of the Committee to Ensure Quality, Equitable and Inclusive Education for All, according to Administrative Order No. 27 dated 7/26/2018.**
- 14- **Member of the committee supervising the university's website according to Administrative Order 2/1/Q/Mawared/728 dated 4/10/2019.**
- 15- **Member of the evaluation committee for the program for developing students' abilities in the English language, according to Administrative Order 2/1/Q/Resources/769 dated 4/15/2019.**
- 16- **Chairman of the Students' Statistical System Committee, according to Administrative Order 2/1/Q/Resources/306 dated 2/10/2019.**
- 17- **Member of the committees discussing research projects for the year 2018-2019, according to the Physics Department book, No. 96 dated 5/6/2019.**
- 18- **Representative of the Physics Department in student activities according to the nomination letter from the department, No. 266 dated 11/12/2017.**
- 19- **Representative of the Physics Department in student activities, according to the nomination letter from the department, No. 11/554, dated 1/27/2019.**
- 20- **Member of the Ministerial Committee for Curricula Modernization**
- 21- **Member of a ministerial committee to create a higher diploma in radiation physics at Al-Nahrain University.**

Fourth: Academic Activities

Lecturer in scientific activities, including workshops, training courses, and discussion circles

- First: Lecturers in the workshops:-

- 1- A workshop on the statistical system for higher education information (primary and postgraduate students) under the guidance of the Ministry of Education in its letter No. TM 4/7620 dated 11/5/2017 and was held on 11/13/2017 according to the book of the Department of Studies, Planning and Follow-up No. A. T/79/17 dated 11/7/2017.**
- 2- A workshop on the academic systems program, its curricula and vocabulary was held on 11/20/2017, according to the book of the College of Education, the Office of the Assistant Dean for Scientific Affairs, number 7/831 dated 11/16/2017.**
- 3- A workshop on how to prepare a seminar for graduation research for fourth-year students) was held on 12/18/2018. Attached is a letter of support in Issue No. 3/15 dated 1/2/2019 issued by the Continuing Education Unit in the College of Education.**
- 4- A workshop on the statistical system for higher education information (initial and postgraduate students), which was held by the Department of Studies, Planning and Follow-up in cooperation with the Department of Continuing Education, 1/31/2019. According to the confirmation of the Department of Studies, Planning and Follow-up, No. A.T./14/19 dated 3/12/2019.**
- 5- A workshop on the government program of Al-Hamdaniya University 2018-2022. Which was established by the Quality Assurance and Academic Accreditation Department in cooperation with the Studies, Planning and Follow-up Department on 2/28/2019. According to the attached certificate of appreciation.**

- Second: Lecturer in training courses:-

- 1- training course on the e-learning program Moodle, then from the Ministry of Education in its letter No. 3/4/10038 dated 12/26/2017 and organized on 4/16-17/2018 by the judiciary, in a letter from the office of the Assistant Dean, the scientific employee, numbered none, dated 4/9/2018.**

- 2- The academic course on the new Latex Print academic program was held on April 24, 2018, according to a letter from the Office of the Assistant Dean, employee numbered no, dated April 18, 2018.
- 3- The second training course on using the Moodle program was held for the period 15-18/10/2018, according to the letter of the College of Education, Scientific Assistant, No. 12, dated 10/14/2018, and according to the letter of support, No. 3/5403, dated 6/11/2018, issued by the Continuing Education Unit at the College of Education.
- 4- The training course on the most important websites known for producing professors and researchers in the world. Which was held by the Quality Assurance and Academic Accreditation Department under the supervision of the Scientific Assistant from 3/31-4/4/2019. According to the book, No. 16/Z.J./2019 dated 3/7/2019.

- Third: Lecturer in seminars:-

- 1- "ninavah plain region in Iraq" was held on 3/18/2018 and according to the Physics Department book, No. 347 dated 3/12/2018.
- 2- "Radioactivity concentration in Cereal Crops in Ninavah Plain Region in Iraq" was held on 4/4/2019 and according to the Physics Department Book No. 74 dated 4/4/2019

- Fourth: Participation in scientific and administrative activities, workshops, training courses, and discussion circles

- 1- Participation in the course "Simplifying Administrative Procedures and Developing Work Methods" held by the College of Administration and Economics for the period from 4/15-19/2018 according to nomination letter No. 3/1969 dated 4/4/2018. Attached is the nomination letter from the College of Education, No. 3/1969, dated 4/4/2018.
- 2- Participate in the workshop to spread the culture of reducing single-use plastic to preserve the seas and oceans from pollution. Which was held by the Geography Department on September 5, 2018. Letter from the Continuing Education Unit in the College of Education 3/5926 dated 11/19/2018.
- 3- Completing the teaching methods course held by the University of Mosul for the period 9/12-25/2018, according to the Human Resources Department's

book No. 515 dated 10/31/2018 attached to the Continuing Education Book at the University of Mosul, number TM/156 dated 10/1/2018.

- 4- Participation in the workshops held by the Quality Assurance Department at the university in the period from 11/20/2017 to 11/20/2018, according to its book numbered 46/Z. C/2018 dated 11/18/2018.
- 5- Participation in a workshop on university educational guidance and guidance. Which was established by the Educational Guidance and Guidance Unit on 11/26/2018, according to its letter, No. 3/8, dated 1/2/2019.
- 6- Training workshop on using modern technologies for remote video conferencing programs. Which was held by the Computer Science Department on 12/12/2018. According to the letter of the Continuing Education Unit 3/12 dated 2/1/2019.
- 7- The training workshop on how to use Google Classroom, which was held by the Computer Science Department on 12/19/2018, according to the book of the Continuing Education Unit 3/18, dated 1/2/2019.
- 8- Drug addiction workshop, which was held by the Educational Guidance and Guidance Unit. Dated 1/2/2019, according to the letter from the Continuing Education Unit 3/994, dated 3/18/2019.
- 9- The government program meeting at the Ministry's headquarters on 2/19/2019, according to the delegation letter from Human Resources dated 1/2/q/resources/367 on 2/18/2019.
- 10- The training workshop on how to set up scout camps, which was held by the College of Physical Education on 2/21/2019. According to the letter of the Continuing Education Unit 3/1619 dated 6/2/2019.
- 11- A workshop on obliging psychological counseling and educational guidance units to submit monthly reports. Which was held by the Educational Guidance and Guidance Unit on 4/14/2019. According to the letter of the Continuing Education Unit 3/1614 dated 6/2/2019.

Fifth: Published research in Iraqi and International Scientific Journals

Local scientific journals	19
International Scientific Journals	10
Published Books, Patents and Other Activities	

- 1- Characterization of Backbending in Even-Even Isotopes of 164-174 Hf and 154-164 Dy Nuclei by a Modified Phenomenological Model" , 2013 , International Journal of Modern Physics E22(07) , 1350055. <http://doi.org/10.1142/S0218301313500559>.
- 2- Examination of energy resolution of track detector LR-115 to distinguish the various energies of alpha particles (1-4Mev) using the Wblfit formula fitting in matlab software " , 2017, Raf. J. Sci.(Rafidain journal of Science), Vol. 26, No.1, pp. 140-148. <http://doi.org/10.12691/ijp-5-2-4>.
- 3- Estimation the Radiological Hazard Effects for soil Samples of Nineveh Province", 2017 , International Journal of Physics Vol.5, No.2, pp.53-56. <https://www.iraqoaj.net/iasj/article/139128>.
- 4- Radon Concentration Measurement in Ainkawa Region Using Solid State Nuclear Track Detector" 2018, Iraqi Journal of Science, Vol. 59, No.1B, pp: 482-488. <http://doi.org/10.24996/ijs.2018.59.1C.4>.
- 5- Measurement of Radon Concentration Using SSNTD in Bartella Region" 2018, Al-Mustansiriyah Journal of Science, Vol.29, No.4, pp: 110-116. <http://doi.org/10.23851/mjs.v29i4.357>.
- 6- Epitaxial Growth of Photonic LiNbO3 Nano Crystals and Structural Studies using for Waveguides" 2018, AIP Conf. Proc. 2045, 020019-1-020019-5. <https://doi.org/10.1063/1.5080832>.
- 7- Determination of Uranium Contents in Soil Samples Using Solid – State Nuclear Track Detector CR-39 in Al-Hamdaniya Region in Iraq". 2019, Al-Mustansiriyah Journal of Science, V. 30, Issue 1, pp.199-204. <https://doi.org/10.23851/mjs.v30i1.358>.
- 8- Radon and uranium concentration in ground water of nineveh plain region in Iraq". 2019, J. Phys.: Conf. Ser. 1234 012033. <https://doi.org/10.1088/1742-6596/1234/1/012033>.
- 9- Alpha Emitters Radioactivity Concentrations in Some Cosmetics Used in Iraq Using LR-115 Detector". (2020), EUREKA: Physics and Engineering, No.2, pp.65-70. <http://doi.org/10.21303/2461-4262.2020.001171>.
- 10- Hermite Numerical Method to Estimate the Radon and Radium Effects of the soil in Bartella Region". (2020), EUREKA: Physics and Engineering, No.2, pp.58-64. <http://doi.org/10.21303/2461-4262.2020.001173>.
- 11- Radium and Uranium Concentrations of Powder Juice in the Iraq Markets Using CR-39 Detector". 2019, Journal of University of Babylon for Pure and Applied Sciences, Vol. (27), No. (6), pp.341-349. <https://www.journalofbabylon.com/index.php/JUBPAS/article/view/2974>.
- 12- Long-lived alpha emitters concentrations in the spices consumed in Iraq using CR-39 detector". 2020, Journal of University of Babylon for Pure and Applied Sciences, Vol. (28), No. (1), pp.274-283. <https://www.journalofbabylon.com/index.php/JUBPAS/article/view/2999>.
- 13- Radioactivity concentrations in barley and wheat crops in Nineveh plain region in Iraq". 2020, Int. J. Nuclear Energy Science and Technology, Vol. 14, No. 1, pp. 50-60. <https://doi.org/10.1504/IJNEST.2020.108804>.

- 14- A Statistical Study of the Amount of Radiation Generated from Communication Towers in the Nineveh Plain Region, Baghdada, Baghdad Science Journal. <https://dx.doi.org/10.21123/bsj.2023.6889>.
- 15- Estimating annual effective dose and excess of the lung risk factor of radon gas in university of Al-Hamdaniya buildings. <https://doi.org/10.1504/IJNEST.2022.128992>.
- 16- Radium and Uranium Concentrations in Some Fruits and Vegetables Cultivated in Nineveh Governorate, Iraq, Iraqi Journal of Applied Physics 19 (3B). <https://www.iraqoj.net/iasj/article/272034>.
- 17- Environmental and Radioactive Contamination in the Village of Kabarli in the Nineveh Plain Region in Iraq, AK Thannon, MH Kheder, YY Kassim, HN Azeez, Iraqi Journal of Applied Physics 20 (3). <https://www.iraqoj.net/iasj/article/314086>.
- 18- Environmental radioactive contamination assessment in the water samples of Nineveh province, AA Ali, MH Kheder, RA Basheer, Iraqi J Appl Phys 20 (3), 535-539. <https://www.iraqoj.net/iasj/article/314080>.
- 19- Uranium Content Measurement of Some Soil Samples in North of Nineveh Province, MH Kheder, HN Azeez, Journal of Prospective Researches. https://jpr.hu.edu.iq/index.php/Prospective_Researches_Journal/article/view/326.
- 20- Influence of Light Intensity and Irradiation Time on Efficacy of Polymerization Temperature Using Diode Laser and Light-Emitting Diodes, MY Slewa, RA Basheer, MH Kheder, BW Jarjees, Iraqi Journal of Applied Physics 19 (3B). <https://www.iraqoj.net/iasj/article/272038>.
- 21- Measurement of Uranium and Radon Concentrations in Wells Water Samples of Some Farms near the Mosul City in Iraq, MH Kheder, HN Azeez, MA Al-Jubbori, Iraqi Journal of Applied Physics 19 (3B). <https://www.iraqoj.net/iasj/article/272032>.
- 22- Measurement of Uranium Concentrations in the Soil Samples of Nineveh Province, Iraq Using CR-39 Detector, MH Kheder, HN Azeez, Proceedings of the Pakistan Academy of Sciences: A. Physical and ... [https://doi.org/10.53560/PPASA\(61-4\)677](https://doi.org/10.53560/PPASA(61-4)677).
- 23- The Optical and Structural Properties of Thermally Vaporized Composite Thin Films, MN Fathula, AA Ali, MH Kheder, Iraqi Journal of Applied Physics 20 (3). <https://www.iraqoj.net/iasj/article/314091>.
- 24- Uranium Concentrations Investigation in the chicken and their parts samples Using CR-39 detector in Nineveh Province, Iraq, HN Azeez, AA Ali, MH Kheder, Iraqi Journal of Applied Physics 20 (3). <https://www.iraqoj.net/iasj/article/314084>.
- 25- Effectiveness of Nuclear Track Detectors irradiation by Laser on Recording Concentration and Track Diameter of Alpha Particles Emitted from Radon, MH Kheder, Iraqi Journal of Applied Physics 20 (3). <https://www.iraqoj.net/iasj/article/314082>.
- 26- Optical Properties of GaAs Nanoparticles in Acetone by Laser Ablation, A Al Rawas, MY Slewa, FM Hamam, M Kheder, Solid State Phenomena 341, 89-98. <https://doi.org/10.4028/p-1zjv1f>.

- 27- Indoor Radon Measurements in Some Nineveh Plain Region Homes Using a Small Container with CR-39 Detector, HN Azeez, RA Basheer, MH Kheder, Iraqi Journal of Applied Physics 19 (3B). <https://www.iraqoaj.net/iasj/article/272033>.
- 28- Determining the Optimal Direction and Angle of Incidence of Solar Radiation to Obtain Electrical Energy from Solar Panels in the Nineveh Plain Region, BA Bader, RA Basheer, MH Kheder, HN Azeez, Iraqi Journal of Applied Physics 19 (3B). <https://www.iraqoaj.net/iasj/article/272035>.
- 29- Effect of Laser Power on Optical Properties of CN-85 Nuclear Track Detector, MH Kheder, TA Zakar, AT Abdulhameed, MA Dawood, Iraqi Journal of Applied Physics 19 (3B). <https://www.iraqoaj.net/iasj/article/272039>.

Sixth: Appreciation Certificates and Thank Letters

Issued by	Appreciation certificates	Acknowledgments letters
Ministry		5
President of the University		14
Vice Presidents for Scientific & Administrative Affairs		2
College	7	11
Others	2	3

- I Certify That All the Above Information in My Cv are Documented by Official Letters



Signature