

CURRICULUM VITAE



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Qualifications:

Ph.D., Fluid Dynamics, Essex University UK, 1989
M.Sc., Applied Mathematics, Baghdad University, IRAQ, 1977
B.Sc., Mathematics, Baghdad University, IRAQ, 1975

Scientific Positions:

Assistant Lecturer	1977 – 1978	University of Mosul, Iraq
Assistant Lecturer	1978 – 1980	Military Technical College, Iraq
Assistant Lecturer	1980 – 1985	University of Mosul, Iraq
Lecturer	1990 – 1992	University of Mosul, Iraq
Assistant Professor	1992 – 1977	Jordan University of Science & Technology, Jordan
Assistant Professor	1997-1998	College of Education , Sur, Oman
Assistant Professor	1998 – 2003	University of Sharjah, Sharjah, U.A.E.
Associate Professor	2003 ----	University of Sharjah, Sharjah, U.A.E.

Administrative Experience:

- Supervisor of many M.Sc. students in different Universities.
- External examiner of many M.Sc. students.
- Referee of many promotional.
- Member of the Counsel Committee of the College of Science, University of Sharjah, U.A.E.(2014).
- Head of the Unit of Mathematics, College of Education, Sur, Oman (1998).
- Member of the Counsel Committee of the College of Science, Jordan University of Science & Technology, Jordan.(1997)
- Member of the organizing committee of UAE Math Day 2006.
- Member of the organizing committee of UAE Math Day 2008.
- Coordinator of mathematics Olympiad UAE National (2009 – 2010).

- Member of the organizing committee of the third international conference on mathematical sciences – ICM.(2010).
- Judge in the Intel Science Competition-Arab World 2011
- Judge in the Intel Science Competition-Arab World 2012
- Judge in the Think Science Competition Emirates Foundation for Youth development 2013.

Research Interest:

Fluid Dynamics
 Theory of Differential Equations.
 Theory of Difference Equations.

Honer/Award/Scholarships:

- Contribution Certificate 4th Sharjah Science Festival(Feb. 24-25,2015)
- Contribution Certificate 3rd Sharjah Science Festival(Feb. 24-25,2014).
- University of Sharjah College of Sciences Distinguished Teacher Award College of Sciences, University of Sharjah , UAE. 2013.
- Contribution Certificate (Think Science Competition Emirates Foundation for Youth development 2013).
- Contribution Certificate (Intel Science Competition-Arab World 2012).
- Contribution Certificate (Intel Science Competition-Arab World 2011).
- University of Sharjah College of Sciences Distinguished Teacher Award College of Sciences, University of Sharjah, UAE. 2011.
- UAE Mathematics Olympiad College of Sciences, University Of Sharjah 2010.
- UAE Mathematics Olympiad College of Arts & Sciences 2009.
- Contribution Certificate (CANADA GLOBAL CENTER CONSULTING AND TRAINING). Certificate in Strategic Planning. 2008.
- Contribution Certificate (Prince Abdul Mohsin Bin Jalawi Center for research and Islamic studies), Strategy planning step by step 2008.
- UAE Mathematics Olympiad College of Arts & Sciences 2007.
- University of Sharjah Distinguished Teacher Award, university of Sharjah , UAE. 2006.
- ICDL Certificate, University of Sharjah, UAE 2006.

COMMITTEES :

- Coordinator Students Advising Committee college of Sciences (2017 – 2018).
- Organizer of the 1st Sharjah Mathematical Spring School in PDE's and Numerical Analysis.(2017 – 2018).
- Students Academic Affairs Committee. university (2016– 2017).
- Member of college of sciences Counsel Committee (College level 2015 – 2016).
- Member of college of sciences Counsel Committee (College level 2013 – 2014).
- Member of the organizing committee of sharjah festival of Science Feb. 2-5, 2014.
- Students Academic Affairs Committee. university (2012 – 2013).
- Member of the community intel Science Competition – Arab world (Dec. 16 – 19, 2012).
- Member of the community intel Science Competition – Arab world (Nov. 27 – 30, 2011)
- Coordinator of mathematics Olympiad UAE National (2009 - 2010)
- Member of the organizing committee of sharjah festival of Science April 7-8, 2010.
- Member of the Equipment Committee (college of Science) (Fall 2008– 2010).
- Strategic Planning (Community services) College of sciences (Fall 2007 – 2008).
- Students Academic Affairs Committee. College of Sciences (Fall 2007 – 2008).
- College of Sciences. (Social Committee) (Fall 2008 –2009).
- Member of the Schedule & Examination Committees (1999 – 2009).
- Member of the Departmental Curriculum Committees (1999 – Present).
- Member of the Departmental Recruiting Committees (2000 – 2002).
- Member of the department Accreditation committee (2002 – 2009).
- Member of the Community Service Committee (2003 – Present).
- Member of the Department Training Committee (2003 – 2009).
- Member of the Department Scientific Research Committee (2009 – 2010).
- Member of the Department Student Affairs Committee 9 2008 – present).
- Member of Department Promotion Committee (2004 – Present).Selecting
- Reporter for mathematics Department, College of Sciences (2005 – Present) .

- Selecting Distinguished Staff Committee (member) College of Arts & Sciences (2006 Ad hoc).
- Selecting Distinguished Staff Committee (member) College of Arts & Sciences (2007 Ad hoc.)
- B.Sc. Program Committee department of Mathematics College of Arts & Sciences (2007 Adhoc).
- College of Arts & Sciences Student Disciplinary Committee (member) 2006-2007.
- Departmental chairs Committee (Coordinator) College of Sciences (2005 Ad hoc).
- Member of the Curriculum Committees College of Education, Oman,(1997 - 1998).
- Member of Laboratory Committee in Jordan University of Science & Technology - Jordan (1996).
- Member of college council Committee in College of Science Jordan University of Science & Technology, Jordan (1996 – 1997).
- Member of the Curriculum Committees Jordan University of Science & Technology, Jordan, (1993 – 1996).

CONFERENCES AND SEMINARS:

- Participate the 17th UAE Math Day Conference (March 17, 2019). American University of Sharjah.
- Participate the 16th UAE Math Day Conference (April 14, 2018). American University of ras Al Khaimah.
- Chair Session 1st Sharjah Mathematical Spring School in PDE's and Numerical Analysis(March 25 – 27, 2018).
- Presented a talk at the 15th UAE Math Day Conference (March 11, 2017). University of Sharjah.
- Presented a talk at the 14th UAE Math Day Conference (March 12, 2016) NYU ABU DHABI INSTITUTE.
- Presented a talk at the 13th UAE Math Day Conference (March 14, 2015) at the Paris-Sorbonne University of Abu-Dhabi.
- Attended workshop in Certificate of Competence Course in Teaching and Learning in Higher Education, University of Sharjah (Feb.21 – 23, 2015).
- Presented a talk at the 12th UAE Math Day Conference (April 19, 2014) at the American University of Dubai.
- Presented a seminar in the Dept. of Mathematics, University of Sharjah (February 24, 2014).
- Presented a talk at the 11th UAE Math Day Conference April 27, 2013 at United Arab Emirates University, Al-Ain.
- Presented a talk in the 2012 Symposium on Applied and Engineering Mathematics (AEM2012) , Beijing – China Oct. 26 – 28 , 2012.
- Presented a talk in the fourth International Conference on mathematical sciences-ICM3012 (March 11 – 14 , 2012).
- Presented a talk at the 10th UAE Math Day Conference April 14, 2012 at the American University of Sharjah.

- Presented a seminar in the dept. of mathematics, university of Sharjah (March 21, 2012).
- Presented a talk at the 9th UAE Math Day Conference April 9 - 10, 2011 at Ajman University.
- Presented a talk at the 8th UAE Math Day Conference April 3, 2010 at Zayed University Abu Dhabi.
- Presented a talk at the 7th UAE Math Day Conference University of Sharjah, Sharjah, UAE April 25th 2009.
- Attended on Applied Physics workshop university of Sharjah April 6th 2009.
- Attended The Second Physics festival University of Sharjah April 7th – 8th, 2009.
- Attended the University Open Day University of Sharjah April 14th – 16th & 21st – 25th, 2009.
- Attended Astronomy Day at University of Sharjah April 23rd – 24th 2009.
- Presented a talk at the 6th UAE math day conference the Petroleum Institute, Abu Dhabi, UAE April 26 , 2008.
- Attended a workshop on The Optimized Scientific desktop how to go beyond office and e-mail January 31 2008 .
- Attended a workshop on The Annual Training Program For Faculty Members“Effective Teaching, Assessment and Grading of Students Learning”. August 29 – 30 2007 University of Sharjah.
- Attended a workshop on Linux & Open Source Computing May 25,2007 University of Sharjah, Sharjah.
- Presented a talk at the fifth UAE mathematics day conference Etisalat University College Sharjah April 28 – 29 , 2007.
- Presented a talk at the 37th Annual Iranian Mathematics Conference Sep.2 -5, 2006 Tebriz Iran
- Presented a talk at the fourth UAE mathematics day (An Annual Celebration of Mathematics), on April 27, 2006, University of Sharjah.
- Attended Symposium on Outcome-Based Education and Assessment, University of Sharjah, January 22 – 25, 2006
- Attended a workshop in ICDL at the University of Sharjah on December, 2005
- Presented a talk at the third UAE mathematics day (An Annual Celebration of Mathematics), on April 7, 2005, United Arab Emirates University, Al-Ain.
- Attended a workshop on Blackboard Learning and Community Portal System Tm University of Sharjah on March 2005.
- Attended and present a talk Second International Conference on Mathematical Sciences United Arab Emirates University December 12- 14, 2004.
- Attended a workshop on Blackboard Learning and Community Portal System Tm University of Sharjah on December 2004
- Attended a workshop on Introduction to Program Outcomes Assessment, University of Sharjah, May 2004
- Presented a talk at the second UAE mathematics day (An Annual Celebration of Mathematics), on April 1, 2004, American University

of Sharjah.

- Presented a talk at the first UAE mathematics day (An Annual Celebration of Mathematics), on May 8, 2003, University of Sharjah.
- Attended The Second Symposium on Scientific Research Outlook in the Arab World, University of Sharjah, United Arab Emirates March 2002.
- Presented a talk at the International Conference in Functional Analysis and Applications at the American University of Sharjah, United Arab Emirates, May 2001.
- Attended the workshop Drinking water quality, University of Sharjah, United Arab Emirate, March 2000.
- Attended a workshop on examination and evaluation, University of Sharjah, United Arab Emirates, September 2000.
- Attended a workshop on the usage of library resources, University of Sharjah, United Arab Emirates, September 2000.
- Attended a workshop on Microsoft Excel, University of Sharjah, United Arab Emirates, October 2000.
- Attended the International Conference on Higher Education in Asian Universities, University of Sharjah, United Arab Emirates, November 2000.
- Attended the Symposium on Scientific Research Outlook in the Arab World, University of Sharjah, United Arab Emirates, April 2000.
- Present and attended seminar talks at various universities such as: University of Mousel (IRAQ), university of Science & Technology (JORDAN), University of Sharjah (UAE).

Teaching Experience:

- Calculus I, II & III
- Foundations of Mathematics
- Linear Algebra
- Applied Algebra
- Ordinary Differential Equations
- Partial Differential Equations
- Intermediate Analysis
- Discrete & Finite Mathematics
- Boundary Value Problems
- Graph Theory
- Vector Calculus
- Complex Analysis I & II
- Selected Topics in Mathematics
- Biostatistics
- Statistics for Sociology
- Statistics I for Business
- Statistics II for Business
- Mathematics I for Business
- Mathematics II for Business
- Statistics for Pharmacy
- Calculus for Pharmacy
- Calculus for Health Science

Publications:

- [1] Abdullah H. K., Jawad A. K.; Study of Steady State of Incompressible Viscous Fluid Flowing Down a Vertical Plane, *Journal of Education & Science, Univ. of Mosul* (1992).
- [2] Abdullah H. K.; On the Shallow Rivulet, *Journal of Education & Science, Univ. of Mosul* (1992).
- [3] Abdullah H. K., Shukere T. H.; Inclined Rivulet on a Vertical Plane, *Journal of Education & Science, Univ. of Mosul* (1992).
- [4] Abdullah H. K.; On Vertical Rivulets, *Lecturas Mathematicas Vol. 16, No.3, pp177 – 186, (1995)*
- [5] Abdullah H. K., Asymptotic Theory Near Contact Line of Two Immiscible Fluids in Contact to Each Other on a Solid Boundary, *Journal of Institute of Mathematics & Computer Science. Vol. 12, No.1 pp 61 – 66, (1999).*
- [6] Abdullah H. K. On The Asymptotic Theory of Shallow Rivulets, *Journal of Institute of Mathematics & Computer Science. Vol. 12, No. 1, pp 67 – 73, (1999).*
- [7] Abdullah H. K. On Inclined Rivulets, *Journal of Institute of Mathematics & Computer Science Vol. 13, No. 1, pp 17 – 24, (2000).*
- [8] Abdullah, H .K., Al-Dosary K. T.; On the Separation of Difference Equations, *Acta Mathematica Academia Paedagogicae, Vol. 17, No.3, pp 155-159, (2001).*
- [9] Al-Dosary K. T., Abdullah H. K.; Decoupling Differential Equations, *Journal of Institute of Mathematics & Computer Sciences, Vol.15 No. 3 PP 203 – 208, (2002).*
- [10] Abdullah, H. K., Al-Dosary K. T.; The Oscillation of Linear First Order Differential Systems, *Applied Sciences (APPS), Balkan Society of Geometers, Vol.5, No.1. pp 35 – 39, (2003) .*
- [11] Al-Dosary k. T, Abdullah H. K, Al-Hassan Q.; Order Reduction of Difference Equations, *Far East Journal of Mathematical Sciences, Vol. 9, No.2. pp 149 – 158. (2003).*
- [12] Al-Dosary K. T, Abdullah H. K.; Oscillation of Planer Differential System, *Journal of Interdisciplinary Mathematics, Vol.6, No.3. pp 301-308. (2003) .*
- [13] Al-Dosary K. T, Abdullah H. K, & Hussein D.; Short Note on Oscillation of Matrix Hamiltonian Systems, *Yokohama Journal of Mathematics, Vol. 50, PP 23 – 30. (2003).*
- [14] Abdullah H. K, Al-Dosary K. T, The Oscillation of Linear Differential Systems, *African Diaspora Journal of mathematics, Vol.1, No.1, PP 11 – 17. (2004).*
- [15] Abdullah H. K.; A Note on The Oscillation of Second Order Differential Equations, *Czechoslovak Mathematical Journal, Vol. 54, No. 4, PP 949 – 954 . (2004)*
- [16] Abdullah H. K., Al-Dosary, K. T.; System Oscillation Conditions, *Journal of Interdisciplinary Mathematics, Vol. 8, No. 1, PP 89 – 96. (2005).*
- [17] Al-Dosary K. T., Abdullah H. K. , Al-Jubouri N. K., On The Period Function of a Quadratic Differential Equation, *International Journal of Contemporary Mathematical Science, Vol. 3, No. 24, pp 1187 – 1199 (2008).*
- [18] Al-Dosary K. T., Al-Jubouri N. K., Abdullah H. K., On the Solution of Abel Equation and Adomian Decomposition Method. *Applied Mathematical Science, vol. 2, No. 42, pp 2105 – 2118 (2008).*
- [19] Abdullah H. K .; An Oscillation Criterion for System of Linear second Order Differential equations, *Journal of Mathematical Sciences: Advances and Applications, Vol. 5, No. 1, PP 93 - 102 (2010).*
- [20] Abdullah H. K .; On the Two Immiscible Fluids in Contact with Each Other on a Solid Boundary, *Applied Mathematical Science, vol. 6, No. 123, pp 6137– 6146 (2012).*

- [21] Abdullah H. K.; Oscillation Criteria of Second Order Non-Linear differential Equations, *Open Journal of Applied Sciences*, vol. 2, pp 120 – 122 (2012)
- [22] Abdullah H. K.; Vertical Shallow Rivulets on Vertical Plane, *International Journal of Contemporary Mathematical Science*, vol. 8, No. 6, pp 281 – 289 (2013).
- [23] Abdullah H. K.; Sufficient conditions for Oscillation of Second Order Nonlinear Differential Equations, *International Journal of Differential Equations and Application (IJDEA)*, vol.12, No. 2, pp192 – 197 (2013).
- [24] Abdullah H. K.; Oscillation Criteria of Third Order Differential Equations, *International Journal of Mathematical Sciences and Engineering Applications (IJMSEA)*, vol.7, No. IV, pp 37 - 43 (2013).
- [25] Abdullah H. K.; On The Oscillation of Second Order Non-linear Differential Equations, *International Journal of Applied Mathematical Research (IJAMR)*, vol.3, No.1, pp 1 – 6 (2014).
- [26] Ghanim F.; Abdullah H. K., Study of Meromorphic Functions Defined by the Convolution of Linear Operator, *International Journal of Pure and Applied Mathematics (IJPAM)*, vol.90, No.3, pp 357 – 370 (2014).
- [27] Abdullah H. K.; Oscillation Conditions of second Order Non-Linear Differential Equations, *International Journal of Mathematical Sciences*, vol.34, No.1, pp 1490 – 1497(2014).
- [28] Abdullah H. K.; The Oscillation of the Non-Linear Differential Equation $\ddot{x}(t) + g(x(t))(\dot{x}(t))^2 + f(t)\dot{x}(t) + r(t)h(x(t)) = 0$, *International Journal of Pure and Applied Mathematics (IJPAM)*, vol.94, No.1, pp 1 – 7 (2014)
- [29] Abdullah H. K., Sufficient Conditions for Oscillation of a Class of Lienard Equation, *Nonlinear Analysis and differential Equations*, vol. 4, No.5, pp235 – 241 (2016).
- [30] Abdullah H. K.; Oscillation conditions for a Class of Lienard Equations, *International Journal of mathematical and Computational Methods*, vol.1, pp325 – 329 (2016).
- [31] Abdullah H. K.; Periodic Solutions of a Class of a Generalized Lienard Equation, *Applied Mathematical Sciences*, vol. 11, No. 20, pp985 – 995 (2017).
- [32] Al-Dosary K. T., Abdullah H. K; Period Monotonicity for Weight-Homogeneous Differential Systems, *International Journal of Mathematical Research*, vol. 6, No. 2, pp 46 – 52(2017).
- [33] Abdullah H. K.; Oscillation Criteria of a Class of Generalized Lienard Equation. *Mathematical Methods and Computational Techniques in Science and Engineering*, vol. 1872, pp 0200096(1-7) (2017).
- [34] Abdullah H. K., Study on Meromorphic Hurwitz- Zeta Functions Defined by Linear Operator, *Vol. 24, No.1*, pp 195 206 (2019).
- [35] Al-Labadi L.; Abdullah H.K.; Siddiqui N.; Male Under-performance in Undergraduate Engineering Mathematics Course: Causes and Solution Strategy. (Submitted).

Referees:

- 1- Professor Basem Attili, Dean, College of Graduate Studies, University of Sharjah, P.O Box 27272, Sharjah, UAE. (e-mail:bssattili@gmail.com; Mobile:+971507132217, Tel. Office: +971-6-5050515).
- 2- Professor Ali Jaballah, Head of the Dept. of Mathematics, College of Sciences, University of Sharjah, P.O. Box 27272, Sharjah, UAE (e-mail ajaballah@sharjah.ac.ae ; Mobile:+971507564062).
- 3- Professor Khalil Al-Dosary, Dept. of Mathematics, College of Sciences, University of Sharjah, P.O. Box 27272, Sharjah, UAE (e-mail: dosary@sharjah.ac.ae ; Mobile:+97156377956).