

Academic Curriculum Vitae



Personal Information:

Full Name: Pakhshan Mohammedameen Hasan

Academic Title: Lecturer

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Mobile:



Education:

1991 B.Sc. Salahaddin University-Erbil, College of Science.

1999 M.Sc. University of Technology, School of Applied Science.

2020 Ph.D. Salahaddin University-Erbil, College of Education.

Employment:

1992: Assistant Lecturer, Department of Mathematics, College of Education, University of Salahaddin-Erbil, Iraq.

2020: Lecturer, Department of Mathematics, College of Education, University of Salahaddin-Erbil, Iraq.

Qualifications

Language qualification IELTS .

Teaching experience:

Undergraduate Levels:

- 1- Calculus.
- 2- Advanced Programming.
- 3- Numerical Analysis.
- 4- Operation Research.

Postgraduate Levels:

Numerical Analysis (master degree).

Research and publications

1. Numerical Solution of Second Kind Fredholm Integral Equations using Chebyshev polynomials with Linear Programming Methods, Zanco J. Pure and Applied sciences (26)(2010) , 27-33.
2. Numerical Solution of Mixed Volterra-Fredholm Integral Equations Using Linear Programming Problem, 'Applied mathematics' Journal,8(3), Applied Mathematics 2018, 8(3): 42-45
<http://article.sapub.org/10.5923.j.am.20180803.02.html>
3. Numerical Treatment of Mixed Volterra-Fredholm Integral Equations Using Trigonometric Functions and Laguerre Polynomials. ZANCO Journal of Pure and Applied Sciences. The official scientific journal of Salahaddin University-Erbil, ZJPAS (2018), 30 (6); 97-106
<http://dx.doi.org/10.21271/ZJPAS.30.6.9>
4. Existence and Uniqueness of Solution for Linear Mixed Volterra-Fredholm Integral Equations in Banach Space. American Journal of Computational and Applied Mathematics 2019, 9(1): 1-5
<http://article.sapub.org/10.5923.j.ajcam.20190901.01.html>
5. The existence and uniqueness of solution for linear system of Mixed Volterra-Fredholm integral equations in Banach space. Journal of: AIMS Mathematics.
<https://www.aimspress.com/journal/Math>.

6. Homotopy Perturbation Method and Convergence Analysis for the Linear Mixed Volterra-Fredholm Integral Equations.
Iraqi Journal of Science, 2020, Vol. 61, No. 2, pp: 409- 415.
<https://doi.org/10.24996/ijs.2020.61.2.19>.

7. Convergence Analysis for the Homotopy Perturbation Method for a Linear System of Mixed Volterra-Fredholm Integral Equations.
Baghdad Science Journal 2020, 17(3) Supplement (September):220-226
[http://dx.doi.org/10.21123/bsj.2020.17.3\(Suppl.\).0220](http://dx.doi.org/10.21123/bsj.2020.17.3(Suppl.).0220)

Conferences and courses attended

1. The First Iraqi-French Mathematics Conference in cooperation with College of Science, Salahaddin University/ Erbil, November,14- 18/ 2009.
2. Cimpa-Unesco-Kurdistan Iraq School inverse Problems: Theory and Applications Erbil, May, 5-14, 2014.
3. Forth Scientific Conference on Research Projects of 4th Class Students , University of Salahaddin-Hawler, College of Education, May, 20-21/2014.
4. Fifth Scientific Conference on Research Projects of 4th Class Students , University of Salahaddin-Hawler, College of Education, April , 12/2015.
5. NCPAM, Erbil-KRG- IRAQ by Faculty of Education of Ishik, February 11-12, 2018.
6. FICMUOS, University of Sulaimani, Iraq-Sulaymania- Kurdistan Region, Sep 24-25, 2020 .
7. 7th ISCIAS, 2021, Northern Technical University, Iraq- Mosul, March 23-24, 2021.

8. 9th ISCIAS on March, 26-27, 2022, Al-Ketab University- Krikuk.
9. 11th Conference of research project of fourth student on May, 2022.
10. Second International Conference of Mathematics (SICME 2019), February 3-5 2019 in Erbil, Kurdistan Region of Iraq at Department of Mathematics, College of Science.
11. Workshop: Topics in algebraic number theory and Diophantine approximation (12th - 22nd) March, 2017, Mathematics Department, College of Science, Salahaddin University/Erbil-Kurdistan Region/IRAQ.
12. Second International Conference of Mathematics (SICME 2019), February 3-5 2019 in Erbil, Kurdistan Region of Iraq at Department of Mathematics, College of Science, Salahaddin University/Erbil.
13. Workshop of Matlab for primary and medium level; on 26th and 27th March 2019. Department of Physics, College of Education.
14. Third International Conference of Mathematics and Applications (TICMA 2022), August 29-31, 2022 in Erbil, Kurdistan Region of Iraq at Department of Mathematics, College of Science, Salahaddin University/Erbil.

Funding and academic awards

Professional memberships

- Member of Al-Khwarizmi mathematical society.
- Member of Kurdistan teachers union.

Professional Social Network Accounts:

<https://www.researchgate.net/profile/Pakhshan-Hasan/publications>

<https://scholar.google.com/citations?user=wR2nE-UAAAAJ&hl=en>

<https://orcid.org/0000-0002-3243-0481>

<https://academics.su.edu.krd/pakhshan.hasan>