

Date: 23\1\2025



CURRICULUM VITAE

PERSONAL INFORMATION

Faculty Member Name: **Ali Mahmoud Mohammad Jaradat**
Academic Rank: Assistant Professor
College: Art and Science
Department: Mathematics
Nationality: Jordanian
Address: Irbid-Sal
Phone No: 0775306853
E-mail: a.jaradat@aau.edu.jo

ACADEMIC QUALIFICATIONS

Degrees with fields, institution, and date

- B.S. in Mathematical B.S. program-Department of Mathematics, Yarmouk university, 2003.
- M.Sc. in Mathematical M.Sc. program-Department of Mathematics, Yarmouk university, 2007. Project / theses title: "A Study of Some Properly Hereditary Topological Properties"
- Ph.D. in Mathematical Ph.D program-Department of Mathematics, Universiti Kebangsaan Malaysia UKM, 2019. Dissertation title: "Solution Schemes for Tow-Mode and Fractional Nonlinear Partial Equations"

ACADEMIC EXPERIENCE

- 1)
 - Duration: 2020-now
 - University: Amman Arab University
 - Academic Rank: Assistant Professor
 - Date the rank was granted: 2020
 - The body granting the rank: Amman Arab University
 - College: Arts and Sciences
 - Country: Jordan

2)



دائرة الموارد البشرية
Human Resources Department

- Duration: 1 year 2019-2020
- University: The Jordan University of Science and Technology
- Academic Rank: Part-time lecturer
- Date the rank was granted:
- The body granting the rank:
- College: Science
- Country: Jordan

NON-ACADEMIC EXPERIENCE

- Duration:
- Institution:
- Department:
- Country:

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

-
-

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

-
-

HONORS AND AWARDS

- None

SERVICE ACTIVITIES

-
-

THE MOST IMPORTANT PUBLICATIONS IN LAST FIVE YEARS

1. Nauman Raza, A Jaradat, Ghada Ali Basendwah, Amna Batool, MMM Jaradat, Dynamic analysis and derivation of new optical soliton solutions for the modified complex Ginzburg-Landau model in communication systems, Alexandria Engineering Journal, 2024
2. Yousef Al-Qudah, Ali Jaradat, Sunny Kumar Sharma, Vijay Kumar Bhat, Mathematical analysis of the structure of one-heptagonal carbon nanocone in terms of its basis and dimension, Physica Scripta, 2024.
3. HAMZA Qoqazeh, Ali A Atoom, Ali Jaradat, EMAN Almuher, Nabeela Abu-Alkishik, A new study on tri-lindelöf spaces, Wseas Transcations on Mathematics, 2023.
4. Isra Al-Shbeil, Nouredine Djenina, Ali Jaradat, Abdallah Al-Husban, Adel Ouannas, Giuseppe Grassi, A new COVID-19 pandemic model including the compartment of

دائرة الموارد البشرية
Human Resources Department

- vaccinated individuals: global stability of the disease-free fixed point, Mathematics, 2023.
5. Yousef Al-Qudah, Mohammed Alaroud, Hamza Qoqazeh, Ali Jaradat, Sharifah E Alhazmi, Shrideh Al-Omari, Approximate analytic–numeric fuzzy solutions of fuzzy fractional equations using a residual power series approach, Symmetry, 2022.
 6. ALI ATOOM, HAMZA QOQAZEH, YOUSEF ALQUDAH, ALI JARADAT, NABEELA ABU ALKISHIK3, PAIRWISE LINDELO PERFECT FUNCTIONS, Journal of Applied Mathematics and Informatics, 2021
 7. Hamza Qoqazeh, Yousef AlQudah, Mohammad Almousa, Ali Jaradat, ON DCOMPACT TOPOLOGICAL SPACES, Journal of Mathematical and Computational Science, 2021.
 8. ALI JARADAT, ABDALLAH AL-HUSBAN, THE MULTIFUZZY GROUP SPACES ON MULTI-FUZZY SPACE, Journal of Mathematical and Computational Science. 2021

INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS

-
-

RESEARCH LINK (Scopus and Google Scholar)

- <https://scholar.google.com/citations?user=FI5tyBUAAAAJ&hl=ar>
- <https://www.scopus.com/authid/detail.uri?authorId=57191823395>

LANGUAGES

- Arabic (Native)
- English (Good)