Curriculum Vitae (CV)

Ahmed Mohamed Abdel Aal Abdallah

Personal Information:

Birth Date: 27-08-1986

Nationality: Egypt

Address: Awlad Saqr Sharkia-Egypt

Military Status: Terminated military service

Academic Rank: Lecturer

Department: Basic Science

Specialization: Pure Mathematics

Research Gate:

https://www.researchgate.net/profile/A_M_Abdallah?ev=hdr_xprf&_sg=j8jdVad5A

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Education:

Degree	Discipline	Institution	Year
Ph.D.	Pure Mathematics, Faculty of science	Arish University	**2022**
M.Sc.	Pure Mathematics, Faculty of science	Al-Azhar University (Men)	**2017**
B.Sc.	Mathematics, Faculty of Science	Zagazig University	**2007**

Academic Experience:

Institution: Higher Technological Institute- Tenth of Ramadan City

Rank: Lecturer (Associate Professor)

Dates: from **20**23 until Now.

Institution: Higher Technological Institute- Tenth of Ramadan City

Rank: Research Assistant (PhD student)

Dates: from **2019** until **2022**

Institution: Higher Technological Institute- Tenth of Ramadan City

Rank: Teaching Assistant

Dates: from 2009 until 2017

Research interests:

- Integral Equations, Functional Analysis
- Optimal control-Stochastic Systems

Publications:

- Distributed Control of N×N Elliptic System under Conjugation Conditions and Mixed Boundary Conditions, ARPN Journal of Science and Technology, 4(4), April 2014, 241-245.
- Boundary Control of n×n Elliptic System under Conjugation Conditions with Mixed Boundary Conditions, American journal of mathematics and Statistic Research, 1(2), April 2014, 21-27.
- Optimal Distributed Control of Stochastic Elliptic Systems with Constraints, Journal of Advances in Mathematics 12(6), June 2016, 6347-6360.
- Boundary Control of Stochastic Elliptic Systems with Constraints, Mayfeb Journal of Mathematics 3(2016), 2016, 24-36.
- Distributed Control of Stochastic Elliptic Systems Involving Laplace Operator, Electronic Journal of Mathematical Analysis and Applications 5(2), July 2017, 191-199.
- Boundary Control of Stochastic Elliptic Systems Involving Laplace Operator, AMO - Advanced Modeling and Optimization 19(1), 2017, 53-61.
- On Stochastic Elliptic System Involving Higher Order Operator with Dirichlet Conditions, AMO - Advanced Modeling and Optimization 20(1), Feb.2018, 81-88.
- Optimality Boundary Conditions For Stochastic Elliptic System Involving Higher Order Operator, International journal of Advanced Research and Publications 2(3), March.2018, 1-4.
- Analysis for fractional integro-differential equation with time delay, Italian Journal of Pure and Applied Mathematics 46, Oct. 2021, 989–1007.
- On Some Modified Methods on Fractional Delay and Nonlinear Integro-Differential Equation, Sound & Vibration 55(4), Oct. 2021, 263-279.
- On Fractional Integro-Differential Equation with Nonlinear Time Varying Delay, Sound & Vibration 56(2), March 2022, 147-163.
- Ramadan Group Transform Fundamental Properties and Some its Dualities. In: Joshi, S., Bairwa, A.K., Nandal, A., Radenkovic, M., Avsar, C. (eds) Cyber Warfare, Security and Space Research. SpacSec 2021. Communications in Computer and Information Science, vol 1599. Springer, Cham 2020. https://doi.org/10.1007/978-3-031-15784-4_23
- Importance of RG Transform and Its Various Applications, Progress in Fractional Differentiation and Applications 9(4), Oct.2023, 655-663. doi:10.18576/pfda/090409
- Optimality Conditions for Non-Cooperative Stochastic Systems, Germany:Lambert Cooperation Publishing, Feb. 2018.
- Optimality Conditions for Some Non-Cooperative Elliptic Systems, Germany: Lambert Cooperation Publishing, May. 2018.

Certifications or Professional Registrations:

Honors and Awards:

- Program and Course Specifications and Evaluation of ILOs for Higher Education Institutes (NAQAAE 2019).

- Promoting your research capabilities -The modern knowledge cycle-Researcher Academy on Campus (Elsevier 2019).

- Effective teaching and learning strategies for colleges and institutes of Higher Education.

- Self-evaluation of educational programs for colleges and institutes of Higher Education.

- Organizing examinations and student evaluation for colleges and institutes of Higher Education.

- Concepts of ensuring the quality of education and accreditation for academic leaders of colleges and institutes of Higher Education.

- Fundamentals of Digital Transformation Certificate.

- Certificate of Excellence for Leadership preparation scholarship.

- Participating in "Spit-free India Movement" to prevent the spread of COVID-19 during Sep. – Nov. 2020.

- Manage Your Cited References in a Glance Using End Note Online (National Research Center 2021).

- Research Hypotheses and Statistical Process (IFAD 2021).

- Journal Editor 1 (Nature Research Academies 2021).

- Effective Post-submission Strategies (Nature Research Academies 2021).

- Certificate of Excellence for Certified Digital Citizen.

- Leading and Self Development Management (ISDL).

- Certificated of TOEFL with Score 556.

Teaching Experience:

Courses taught

- Math (1&2&3&4).
- Differential Equations, Integration, Algebra, Spaces.
- Numerical Methods
- Advanced Calculus
- Mathematical Analysis
- Statistical Methods
- Selected Topics in Mathematics

Knowledge Courses

- "Work ethic, affiliation and job loyalty "
- " Building personal institutional identity"
- "Introduction to Communication and public relations"
- "Preparation of a simplified economic feasibility study "
- "3D Printing"
- "Behavioral Economics"
- "Financial accounting for individuals and companies"
- "Professional Certificates"
- "Introduction to communication and public relations"
- Certificate in Digital Market From Google PYX SKJ GB2.
- Certificate in College Algebra, ID 17441468
- Understanding Information Control for IT Managers.
- Diploma in Human Resources 14- Diploma in Economics: Microeconomics
- Diploma in Journalism - Revised 2018

Reviewer in various journals

- Mathlab Journal from March 2018.
- International Journal for Research and development in Technology from Jan.2020.
- Thai Journal of Mathematics from Jan. 2020.
- EURASIA Journal of Mathematics, Science and Technology Education from March 2020.
- Computer modeling in Engineering & Sciences

- Advances in Science, Technology and Engineering Systems Journal

Editor
- Academic Journal of Applied Mathematical Sciences