

**1. Name:** Ahmed S. Ghanem, Assistant Professor, Department of Physics and Engineering Mathematics, higher institute of engineering, El Shorouk Academy

**2. Degrees:**

- B.S(Mathematics and statistics) Faculty of Science, Zagazig University, Cairo, egypt 2009
- M.S. Faculty of Science, Zagazig University, Egypt, (Pure Mathematics). 2015
- Ph.D Faculty of Science, El- azhar University, cairo, Egypt, ( Mathematics). 2020

**3. Years of Service on Faculty:** 4

- 9/2020- Present Assistanat Professor

**4. Other Experience:**

- none

**5. Consulting Activities (selected)**

- none

**6. States in which registered:**

- Cairo, Egypt.

**7. Principal publications of last 5 years (selected):**

- Hamdy M. Ahmed, A. A. M. Hassan and A. S. Ghanem, Existence of Mild Solution for Impulsive Fractional Differential Equations with Non-local Conditions in Banach Space, British Journal of Mathematics and Computer Science 4(6): 830-840, 2014.
- Hamdy M. Ahmed, A. A. M. Hassan and A. S. Ghanem, Nonlinear Impulsive Fractional Integro-Differential Equations, British Journal of Mathematics and Computer Science 10(4): 1-11, 2015.
- M.M. El-Borai, K. El-S. El-Nadi, H.M. Ahmed, H.M. El-Owaidy, A.S. Ghanem and R. Sakthivel, Existence and stability for fractional parabolic integro-partial differential equations with fractional Brownian motion and nonlocal condition, Cogent Mathematics & Statistics (2018).
- Hamdy M. Ahmed, M.M. El-Borai, H.M. El-Owaidy, A.S. Ghanem, Impulsive Hilfer fractional differential equations, Advances in Difference Equations, (2018) 2018:226.
- Hamdy M. Ahmed, M.M. El-Borai, H.M. El-Owaidy, A.S. Ghanem, Existence Solution and Controllability of Sobolev Type Delay Nonlinear Fractional Integro-Differential System, Mathematics, (2019), 7, 79; doi:10.3390/math7010079.
- Hamdy M. Ahmed, H.M. El-Owaidy, A.S. Ghanem , Nonlinear Hilfer Fractional Integro-Partial Differential System, Lobachevskii Journal of Mathematics, 2019.

- Hamdy M. Ahmed, M.M. El-Borai, H.M. El-Owaidy, A.S. Ghanem, Null controllability of fractional stochastic delay integrodifferentialequations, J. Math. Computer Sci., 19 (2019), 143–150.
- Hamdy M. Ahmed , Quanxin Zhu, A.s.Ghanem The averaging principle of Hilfer fractional stochastic delay differential equations with Poisson jumps, Applied Mathematics Letters, 112 (2021) 106755.
- Hamdy M. Ahmed, Ahmed S.Ghanem, Existence and Uniqueness results for a nonlinear coupled system of nonlinear fractional langevin equations with a new kind of boundary conditions , published by faculty of sciences and mathematics , university of Nis, Serbia (36:16) (2022), 5437-5447, <https://doi.org/10.2298/FIL2216437A>
- Islam Samir, niveen badra , hamdy m. ahmed , ahmed h .arnous , ahmed s. ghanem , solitary wave solutions and other solutions for Gilson- pickering equation by using the modified extended mapping method, results in physics 36 (2022) 105427, [www.Elsevier.com/locate](http://www.Elsevier.com/locate)

**8. Scientific and professional societies of which a member**

- none

**9. Honors and awards:**

- none

**10. Institutional & professional service in last 5 years:**

- none

**11. Professional Development Activities in the last 5 years:**

- none