1. Name: Manar S. Ahmed, Teaching Assistant , Department of Engineering Mathematics and Physics, El Shorouk Academy, Egypt

2. Degrees:
- B.S. (Mathematics) Helwan University, Egypt   2017
- M.S. (Mathematics) Helwan University, Egypt   2021
- Ph.D. (Mathematics) Al Azhar university, Egypt   2024

3. Years of Service on Faculty: 7
- 2021 - Present   Engineer
- 2017-2021   Engineer

4. Other Experience:
- Misr University for Science and Technology, 6th October (2015-2017)

5. Consulting Activities (selected)
- None

6. States in which registered:
- Cairo, Egypt.

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

- Manar S. Ahmed, Afaf Zaghrout, Hamdy Ahmed: "Optical solitons for the stochastic perturbed Schrödinger- Hirota equation using two different methods". Journal Of Optics, 2023.

- Manar Ahmed, Afaf Zaghrout, Hamdy Ahmed: "Soliton and other solutions for NLSE with the Kudryashov generalied nonlinearity using the improved modified extended tanh-function method". Optical and Quantum Electronics, 2023 .

- Manar S. Ahmed, Afaf A.S. Zaghrout, Hamdy M. Ahmed: "Exploration new solitons in fiber Bragg gratings with cubic-quartic dispersive reflectivity using improved modified extended tanh-function method". The European Physical Journal Plus, 2023.

- Manar Ahmed, Afaf Zaghrout, Hamdy M. Ahmed: "Construction of solitons and other solutions for NLSE with Kudryashov's generalized nonlinear refractive index". Alexandria Engineering Journal, 2023.

- Manar S. Ahmed, Afaf A.S. Zaghrout, Hamdy M. Ahmed: "Soliton and complexitons in magneto-optic waveguides with anti-cubic nonlinearity using modified extended direct algebraic method". Optical and Quantum Electronics, 2022.

- Manar S. Ahmed, Afaf S. Zaghrout, Hamdy M. Ahmed, Ahmed H. Arnous: "Optical soliton perturbation of the Gerdjikov-Ivanov equation with spatio-temporal dispersion using a modified extended direct algebraic method". Optik, 2022.

- Manar S. Ahmed, Afaf A.S. Zaghrout, Hamdy M. Ahmed: "Travelling wave solutions for the doubly dispersive equation using improved modified extended tanh function method". Alexandria Engineering Journal, 2022.

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:
Attendance and meeting the standards required for completion of a training course from FLDC in the following:
- Effective teaching skills
- Teaching strategies and effective learning
- Exams systems and students assessment methods