



Faculty Name

Reem S. Altawash

Location

Shuwaikh Campus: Building 20, 2nd Floor, Office: S-105

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Education

MSc.	Physics (Medical Radiation), Univ. of Birmingham, U.K.	2008
BSc.	Applied Physics, Univ. of Toledo, USA	2001

Academic Experience

2023 – Present	Lecturer, CTS (PAAET), Kuwait
2010 – 2023	Teacher, CTS (PAAET), Kuwait
2008 – 2010	Teaching Assistant, CTS (PAAET), Kuwait

Non-Academic Experience

- Feb. 1990 – Aug. 1999, Kuwait Institute of Scientific Research, Technical Research Associate, Chemical Analysis Lab
- May 2001 – Sep. 2001, Ministry of Interior, Civil Defence Department
- Sep. 2001 – Sep. 2006, Ministry of Interior. Criminal Evidence Department
- Sep. 2005 – 2006 (Part Time), Teaching Assistant at CTS (PAAET)

Current Membership

- Member of the “Kuwait Physics and Astronomy Society” in Kuwait

Publications

1. Kandil M. Kandil, Ibrahim M. Kadad, Adel A. Ghoneim, **Reem S. Altawash**. Analysis of HCPV-LIB integrated hybrid system for renewable energy generation in Kuwait hot climate. Sustainable Energy Technologies and Assessments, Volume 53, Part B, October (2022), 102594.
2. Adel M. Mohammedein, Adel A. Ghoneim, **Reem S. Altawash**. Superfluidity nature of interacting rotating ultracold boson atoms trapped in an optical potential that overlaps with a harmonic potential. **Physica B: Condensed Matter**, Volume 673, (2024).

Professional Development Activities

1. **Project Title:** "Analysis of High Concentrated Photovoltaic Modules Integrated with Battery Storage System in Hot Climate"
Project No.: TS-19-04
Research Team: Dr. Kandil M. Kandil, Ibrahim Kadad, Adel Ghoneim, Mrs. Reem Altawash.
Support Organization: Public Authority for Applied Education and Training (PAAET)
Period: 2019 – 2020.
2. **Project Title:** "Superfluidity nature of synthetically charged condensate boson atoms in 2D periodic potential"
Project No.: TS-19-06
Research Team: Dr. Adel Mohammedein, Dr. Adel Ghoneim, Mrs. Reem Altawash.



Support Organization: Public Authority for Applied Education and Training (PAAET)

Period: 2019 – 2020.

3. **Project Title:** "Thermal properties and superfluidity nature of the three-dimensional optical lattice"

Project No.: TS-22-06

Research Team: Dr. Adel Mohammedein, Dr. Adel Ghoneim, Mrs. Reem Altawash.

Support Organization: Public Authority for Applied Education and Training (PAAET)

Period: 2022 – 2023.

Last Revised: May, 2026

