



Faculty Name

Adel M. Mohammedein

Location

Shuwaikh Campus: Building 20, 2nd Floor, Office: S-9

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Education

PhD.	Physics, Dresden Uni. of Technology, Dresden, Germany	1994
MSc.	Physics, El-Minia Univ., Egypt	1987
BSc.	Physics, El-Minia Univ., Egypt	1981

Academic Experience

2007 – Present	Associate Professor, CTS (PAAET), Kuwait
1997 – 2007	Assistant Professor, CTS (PAAET), Kuwait
1994 – 2007	Assistant Professor, El-Minia Univ., Egypt
1981 – 1988	Teaching & Research Assistant, El-Minia Univ., Egypt

Service Activities

- Training Courses Attended:
 - “The art of dealing with students”, Kuwait, (12 – 14 May, 2012).
 - “The Seven Habits of Success”, Kuwait, 24 Nov. 2014.
 - “Teaching in Creative & Entertain”, Kuwait, 29 April to 2 May 2012.
- Attended International Conference on Neutron and X-ray Scattering 2009 (ICNX 2009), Kuala Lumpur, Malaysia 29th June – 1st July, (2009).
- Attended a Symposium on Science and Engineering Technology, Kuwait, May 6 – 7, 2013.
- Attended a Forum on Green Buildings FGB, Kuwait, Mar. 26 – 27, 2012.
- Attended “The 4th Kuwait Electricity & Water Conference”, Kuwait, 14 – 15 May 2014.
- Departmental Committee Memberships:
 - Promotion Committee (2014 – Present).
 - Timetables Committee (2010 – 2014)

Publications

1. **Adel M. Mohammedein**, Adel A. Ghoneim, Reem S. Altawash. Physica B: Physics of Condensed Matter , 673 (2024) 415520.
2. **Adel M. Mohammedein**, Adel A. Ghoneim, Reem S. Altawash. Physica B: Physics of Condensed Matter , 615 (2021) 41308.
3. **Adel M. Mohammedein**, Adel A. Ghoneim, Ashraf H. El-Essawy. Physica B: Physics of Condensed Matter , (2018) 393-399.
4. **Adel M. Mohammedein**, Hany M. Shabana, Ibrahim M. Kadad, Kandil M. Kandil, Ashraf H. El-Essawy, Asmaa M. Al-asaad and Adel A. Ghoneim, Charge state distributions after sub-shells ionization in Lead atom, *European International Journal of Science and Technology Vol. 5 No. 3 April, 2016*
5. Adel A. Ghoneim, Hany M. Shabana, Mohamed S. Shaaban and **Adel M. Mohammedein**, Performance Analysis of Evacuated Tube Collector in Hot

Climate, European International Journal of Science and Technology Vol. 5 No. 3 April, 2016

6. Adel A. Ghoneim, **Adel M. Mohammedein**, Parabolic Trough Collector Performance in a Hot Climate, J. of Energy Engineering, 10.1061 (2015)
 7. Adel A. Ghoneim, Hany M. Shabana, Mohamed S. Shaaban and **Adel M. Mohammedein**, "Performance Analysis of Parabolic Trough Collector in Hot Climate", British Journal of Applied Science & Technology 4(14):2038-2058, (2014)
 8. Ibrahim M. Kadad, Hany M. Shabana, Kandil M. Kandil, **Adel M. Mohammedein**, Adel A. Ghoneim, "Inter-comparison of solar UVB radiation, Global radiation and UV Index measurements over Kuwait", European International Journal of science and technology, vol 3 No.9 (2014)
 9. Ahmed S. Hassan, Azza M. El-Badry, **Adel M. Mohammedein**, M.R. Ebeid "Effective widths of boson gas confined in a harmonic rotating trap", Phys. Letter A376 (2012) 1781-1785.
- Project Title: "Performance Analysis of Combined Photovoltaic-Thermal Collector in Kuwait Climate", Support Organization: Public Authority for Applied Education and Training (PAAET), 2007 – 2008.
 - Project Title: "Study of Atomic Transitions and Production of Charged Ions after Inner-Shell Ionization in Various Atoms", Support Organization: Public Authority for Applied Education and Training (PAAET), 2007 – 2008.
 - Project Title: "Assessment of Parabolic Trough Collector Performance in Kuwait Climate" Support Organization: Public Authority for Applied Education and Training (PAAET), 2012 – 2014.

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