

Nourhan Mohamed Sellow, M.Sc.

(Status as of 10/2022)

Personal Data

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Education

University	Qualifications
Faculty of Science, Mansoura University, Egypt.	Master's degree, Biophysics. (2014 – 2018) Major research area " Advanced material " (<i>Preparation and characterization polymeric membrane for water treatment</i>)
	Pre-Master Courses in physics department major Biophysics , Grade Very Good .
	B. Sc. Degree in Biophysics– 2013.

Career History

From:	To:	Position Held	Company, Country
October - 2022	recent	Assistant lecturer of engineering physics. <ul style="list-style-type: none">Teaching theoretical and experimental courses "Electricity and magnetism", "Optics" and "Applied material" for undergraduate students as a part-time.	Higher Institute of Engineering and Technology in Zagazig
Aug- 2021	2021 - 2022	Staff member for physics and mathematics. <ul style="list-style-type: none">Teaching theoretical and experimental courses of physics and mathematics for undergraduate students as a full time.	NASS Academy "National Academy for Science and Skills".
Aug-2019	Nov-2020	Assistant lecturer of engineering physics. <ul style="list-style-type: none">Teaching theoretical and experimental courses "Electricity and magnetism", "Optics" and "Applied material" for undergraduate students as a part-time.	Mansoura University, Egypt.
Oct-2019	Mar-2020	Assistant lecturer of physics and Biophysics. <ul style="list-style-type: none">Teaching theoretical and experimental courses "Applied material" and "Biophysics" for undergraduate students as a part-time.	Horus University, Egypt.
Aug-2015	Mar-2017	Physics teacher. <ul style="list-style-type: none">Teaching physics courses for American diploma undergraduate students.	Mansoura college, Egypt.
Sep-2014	May-2015	Researcher assistant. <ul style="list-style-type: none">Training "Experimental physics" for undergraduate students.	Mansoura University, Egypt.

Published works

Completed on	Type	Research paper Title	Published
Apr-2018	Paper	Synthesis and optimization of Novel Chitosan/Cellulose Acetate Natural Polymer Membrane for water treatment.	Journal of advances in physics.
Jul- 2018	Poster	Characterization of eco-friendly polymers for water purification.	The 8th Scientific Symposium for young researchers Conference, Faculty of Science, Mansoura, University, Egypt.
Oct-2016	Poster	Preparation and characterization polymeric membrane blend.	The 7th International conference on optical spectroscopy, Laser and their applications 18-20 October 2016, NRC, Cairo, Egypt.
Aug-2012	Paper	Water therapy <ul style="list-style-type: none">Rewards as the 3rd place in university researches conference.	The 1st Scientific Conference For Research and Innovation, Mansoura University Students.

Professional Conferences

Completed on	Duration	Course Title	Location
Aug-2015	3 days	Introduction of Nanotechnology and its general applications workshop.	Naqaa foundation for scientific research, Giza, Egypt.

Jun-2016	3 days	The 3rd international conference on optical spectroscopy laser and their applications.	National research center (NRC), Cairo, Egypt.
Jan-2017	7 days	The 21st Nile TESOL, AUC Conference "Inspiring Teaching and Ownership of Learning.	The American University (AUC), Cairo, Egypt.
Feb- 2019	3 days	The first international conference on molecular modeling and spectroscopy.	National research center (NRC), Cairo, Egypt.
Sep- 2021	3 days	The Third international conference on molecular modeling and spectroscopy.	BUE " British university in Egypt" N.T.R.C., NRC, ICMM33 .

Professional Courses and Training

Completed on	Duration	Course Title	Location
Feb-2013	2 months	<ul style="list-style-type: none"> • Computerized Tomography (CT) scan. • Gamma camera. • Angiography. • Nuclear Magnetic Resonance (NMR) spectroscopy. • Magnetic Resonance Imaging (MRI.) • Ultrasound (U / S.) • Sound wave. • Mammogram. • X-ray. • Radiation protection and safety. 	Mansoura university hospitals department of oncology and nuclear medicine training, Egypt.
Sep-2015	8 months	<ul style="list-style-type: none"> • FTIR absorption spectra. • UV/Visible optical absorption spectra. • X-ray diffraction. • Scanning Electron Microscopic analysis (SEM). • Transmission Electron Microscopy (TEM). 	Mansoura University, Egypt.
Dec -2021	120 hours	The professional use of radioactive sources and radioactive materials and the prevention of the dangers of ionizing radiation university level.	EAEA " EGYPTIAN ATOMIC ENERGY AUTHORITY"
Jan - 2022	40 hours	(TOT) Training of Trainers TOT Training Diploma	NASS Academy
Aug - 2022	4 days	Technical Education and Vocational Training (TEVT)	Ministry of Education and Technical Education in the Arab Republic of Egypt

Courses via Distance Education

Completed on	Duration	Course Title	Location
Jan-2022	2 months	EBEA diploma of excellence in entrepreneurial management and leadership (DEEML)	Egyptian British Education Association, EBEA, UK.
Jan-2016	1 month	Toefl, score 453.	Mansoura University, Egypt.
May-2012	1 month	MS- project program.	International British center, Egypt.
Jan-2013	2 months	Basic of surgery & Medicine.	Mansoura University, Egypt.
Apr-2017	28 days	ICDL	Mansoura University, Egypt.
Mar-2012	2 months	Communication skills.	International British center Egypt.
May-2012	1 month	Grammar and phonetics.	International British center Egypt.
May-2012	2 months	PC. Maintenance.	International British center Egypt.

Languages

Languages	Speaking	Writing
Arabic	Mother tongue	Excellent
English	Very Good	Very Good