



PROFILE

Address: Teraa St., Mansoura (35512), Egypt
Telephone: (+02)01019391611
E-mail: asmaaalsayeh@gmail.com
arezk@horus.edu.eg
Date of Birth: 24 Feb. 1995
Nationality: Egyptian
Marital status: Miss

EDUCATION

2020: Master Degree in science
2017: Pre-Masters studies in Biophysics
2016: Bachelor of Science – Mansoura University, Faculty of science, Physics Department, Biophysics Division
GRADE: Very good
2012: Graduated from Mansoura new secondary school for girls

GRADUATION PROJECT

Graduation project: doing a scientific research about Suture Materials
Degree of project: Excellent

SKILLS

ICDL
Radiotherapy treatment planning system software

LANGUAGE

Arabic (Mother-tongue)
English (2nd language)
TOEFL

RESEARCH GATE

<https://www.researchgate.net/profile/Asmaa-R-Al-Sayeh>

Google Scholar

<https://scholar.google.com/citations?user=ngsaUs0AAAAJ&hl=ar>

ORCID

1353-8389-0007-<https://orcid.org/0009>

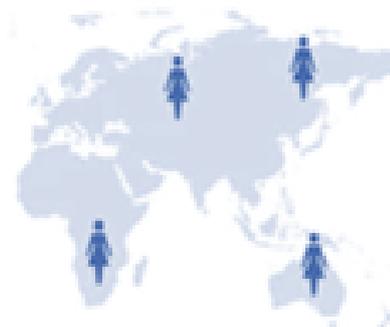
PERSONAL FEATURES

Responsibility
Dedication
Social skills
Team-work
Active and prospective

Resume

Asmaa Ramadan Al-Sayeh

Physicist



WORK EXPERIENCE

- 2024-present • **Assistant lecturer** of biophysics at Faculty of Applied Health Sciences Technology, Horus University since 2024.
- 2021-present • **Assistant lecturer** of biophysics at Faculty of Physical Therapy and Dentistry, Horus University since 2021.
- 2023-present • **PhD researcher** at Mansoura University Urology and Nephrology Center since 2023.
- 2021-present • **PhD researcher** at Advanced Material Lab, Faculty of Science, Mansoura University since 2021.
- 2019-2022 • **Physics Demonstrator** at Faculty of Engineering, Mansoura University for three years since 2019 to 2022.
- 2018-2020 • **MSC researcher** at Department of Radiotherapy, El-Kheir Hospital in Mansoura since 2018 to 2020.
- 2017-2020 • **MSC researcher** at Department of Oncology and Nuclear Medicine, Mansoura University Hospital since 2017 to 2020.

PUBLICATIONS

- 2025
Published • A research entitled “Red single wavelength emitting up-conversion nanoparticles modulate cellular dynamics and gene expression in T24 bladder cancer cells”. has been Published in *Scientific Reports* journal in 27 November 2025, Open access funding provided by The Science, Technology & Innovation Funding Authority (STDF) in cooperation with The Egyptian Knowledge Bank (EKB).
- 2020
Published • A research entitled Dosage “Assessment and Differentiation between Various Planning Techniques using 3D Conformal and Intensity Modulated Radiotherapy for Left-sided Breast Cancer”, has been published in *IOSR Journal Of Applied Physics (IOSR-JAP)* in 2020.

PROFESSIONAL HONORS, AWARDS AND FELLOWSHIPS

- 2024 • **Participant, JINR Winter School for Nuclear Physics:** Joint Institute for Nuclear Research (JINR), Dubna, Russia, November 5–22, 2024, worked on a project titled “Radiation protection and the safety of Radiation Sources”.
- 2023 • **Recipient, Postgraduate Support Grant (PGSG):** Science and Technology Development Fund (STDF), 2023.

Resume

COMMUNITY SERVICE

- 2019 • One-year of volunteering as a Medical Physicist (Feb. 2018 to Jan. 2019) in the Department of Oncology and Nuclear Medicine at Mansoura University Hospitals, which is a tertiary hospital that serves a population of 6 million, with a daily rate of two hundred patients solely for the Department of Oncology and Nuclear Medicine.

PROFESSIONAL ACTIVITIES

- 2025 • Fundamentals Of Digital Transformation Certificate.
- 2025 • International Networking , Horus University, 7 July 2025
- 2025 • Technology-based Classroom Tools , Horus University, 5 July 2025
- 2025 • Certified TOT (Training of Trainers) Program, Horus University, Egypt – Accredited by the Supreme Council of Universities 11-15 May 2025.
- 2024 • Attended workshop on Artificial Intelligence Applications, Horus University, 23/9/2024.
- 2018 • Attended and completed training course on Presentation Skills held at Development of Faculty Members Capabilities Center - Mansoura University (10 Hours) 11 - 12 November 2018.
- 2018 • Attended and completed training course on Research Ethics held at Development of Faculty Members Capabilities Center - Mansoura University (10 Hours) 25 - 26 September 2018.
- 2018 • Attended the Prowess 3D-CRT Radiation Treatment Planning Software Training Program for Panther Version 5.51 As per the Prowess Panther Installation & Training Guide, held at The Department of oncology and Nuclear Medicine at Mansoura University Hospitals on 10th February 2018.
- 2017 • Finished a training of three months in the Department of oncology and Nuclear Medicine at Mansoura University Hospitals from July 2017 to September 2017.
- 2017 • Attended a workshop in medical physics, held at Scientists Syndicate in Mansoura between 7-9/July/2017, which was a series of lectures on radiation therapy and nuclear medicine.
- 2017 • Attended a conference about medical physics at Mansoura Scientists Syndicate on 5/5/2017.

ADDITIONAL

Since 2022

- 2020 • PhD researcher in *Nanotechnology* and *Radiotherapy*
- 2020 • MSc Thesis: *“Dosage Assessment and Differentiation between Various Planning Techniques using 3D Conformal and Intensity-Modulated Radiotherapy for Breast Cancer”*.
- 2019 • Master's practical part has been applied at El-Kheir Hospital in Mansoura.