



### Education:-

- **1987-1989** Secondary school.
- **1989-1994 B.Sc** Alfah University / faculty of engineering / Nuclear Engineering Department-Tripoli, Libya.
- **2005-2006 M.Sc** Surrey University / Medical physics Department - Guilford, UK.

### Special Training Courses :-

- 6-17<sup>th</sup> December 2003 (Tripoli – Libya) **Regional training course on regulatory authorization and inspection of radiation sources in diagnostic radiology and radiotherapy.**
- 18-29<sup>th</sup> September 2004 (Cairo – Egypt) **The use of nuclear medicine in diagnostic and treatment (*Middle Eastern Radioisotope center for Arab countries*).**
- 24<sup>th</sup> May 2006 (University of Surrey –UK) **Radiation protection refresher course.**
- 24-28<sup>th</sup> November 2007 (Algiers - Algeria) **Regional (AFRA) training course on commissioning of linear accelerator used in radiotherapy.**
- 20-24<sup>th</sup> April 2008 (Tripoli – Libya) **Regional (AFRA) training course on in-vivo dosimetry in external radiotherapy.**
- 1 October 2009- 1 April 2010 (Cairo –Egypt) **IAEA fellowship training course in national institution cancer center.**
- 28<sup>th</sup> February – 4<sup>th</sup> March 2010 (Cairo – Egypt) **ESTRO Teaching course FROM 2D to 3D Radiotherapy.**
- **08 - 19 September 2025 ICTP, ( Trieste, Italy ) Dosimetry, Treatment Planning and Delivery for Advanced Applications**

### Experience:-

- 1998- 2015: Radiotherapy Medical physics routine work.
- 2018-2023 to date Associate member in the department of medical physics in the Tripoli University Hospital
- 1/2025- up to date Associate member in the department of medical physics in Tripoli radiotherapy center in central hospital
- Doing Commissioning test for 5 ELEKTA linear accelerators using PTW Mephysto mc<sup>2</sup> software.

- Working on IBA dosimetry equipments daily, Machine QA , IBA blue phantom , patient QA
- Dosimetric medical physics for different types of TPS (Xio, Monaco)
- Good experience on Monaco TPS ( 3DCRT, IMRT and Vmat )
- Counterpart of national project (LIB6013) supported by IAEA(2023-2024)
- Participation in scientific opinion on the specifications of the devices of the Libyan Oncology Center
- Member of subcommittee of radiotherapy departments in the national cancer control programs
- Member organization of AAPM course (Transient from 2D to 3DCRT)

• محاضر بكلية التقنية الطبية قسم الأشعة التشخيصية والعلاجية بجامعة طرابلس 2023 حتى الآن

• محاضر بقسم تقنية البصریات بالمعهد العالی للعلوم والتقنية الشموخ من 2015 الى 2023

• استاذ متعاون بجامعة طرابلس وبعض الكليات والمعاهد التقنية فى الفترة من 2011 الى 2018

#### **Languages: -**

- Arabic Mother Languages.
- English.

#### **Skills: -**

- Good computer user (windows, Microsoft office application, surfing on internet)
- Good experience in treatment planning systems in radiotherapy
- Have experience working with different nationalities.

#### **Interest in**

- SPQA
- Treatment planning optimization
- Small field dosimetry
- In vivo dosimetry

#### **Reference: -**

Upon request.