

C.V



Name: Eltayeb Ibrahim Ahmed Elbeshir

Date of Birth: 19/12/1971

Place of Birth: Sudan

Nationality: Sudanese

Religion: Muslim

Marital Status: Marriage

Abugomri, Sudan.

Permanent Address:

Current Address:

Al-Baha University, Faculty of Science and Arts, Almikhwah, Department of Physics.

Mobile: +966 530545385

E- mail : abugomry@yahoo.com or elbeshir@bu.edu.sa

Skype : [abuibrahim68](https://www.skype.com/user/abuibrahim68)

Facebook : [eltayeb elbeshir](https://www.facebook.com/eltayeb.elbeshir)

https://www.researchgate.net/profile/Eltayeb_Elbeshir

Place of Study and

Qualifications:

- ❖ **1992–1996** Department of Physics, Faculty of Science, Sudan University of Science & Technology, Sudan (B.Sc. Honors First Class in Physics).
- ❖ **1997–2000** Faculty of Higher Education, Sudan University of Science & Technology, Sudan (M.Sc. in Physics - Medical Physics).
- ❖ **2010 – 2014** Department of Physics, Faculty of Engineering and Technology, Deanery of Higher Education, University of Gezira Sudan (PhD in physics - Physics of Biomedical Material).

Experience:

- ❖ **1996 – 1997** Teaching Assistance (T.A) in Department of Physics, Faculty of Science, Sudan University, Sudan.
- ❖ **1997– 2000** Teaching Assistance (T.A) in School of Physics & applied Physics, Faculty of Science &Technology, Alneelain University, Sudan.
- ❖ **2000- 2002** Member of Department of Medical & Biomedical Physics Board, School of Physics & Applied Physics, Faculty of Science & Technology, Alneelain University, Sudan.
- ❖ **2000- 2002** Member of School of Physics & Applied Physics Board, Faculty of Science & Technology, Alneelain University, Sudan.
- ❖ **2000- 2002** Member of Faculty of Science & Technology Board, Alneelain University, Sudan.
- ❖ **2000- 2002** Member of Senate, Alneelain University, Sudan.
- ❖ **2000 - 2002** Secretary of School of Physics &applied Physics, Faculty of

- Science & Technology, Alneelain University, Sudan.
- ❖ **2000–2002** Examination Officer, Faculty of Science & Technology, Alneelain University, Sudan.
 - ❖ **2000– 2002** Lecturer in School of Physics & applied Physics, Faculty of Science & Technology, Alneelain University, Sudan.
 - ❖ **2000-2002** Supervisor of B.Sc. Projects in Medical Physics, School of Physics & Applied Physics, Faculty of Science & Technology, Alneelain University, Sudan.
 - ❖ **2002–2013** Teaching Assistance (T.A), Physics Department, Education College, Dammam University, KSA.
 - ❖ **2014 up to now** Assistant Professor, Physics Department, Faculty of Science and Arts Al-Mikhwah , Al-Baha University, KSA.

Training Courses and Workshop :

- ❖ The First Workshop in Medical Physics, School of Physics & applied Physics, Faculty of Science & Technology, Alneelain University, Sudan **26-28/9/2000**.
- ❖ National Training Course on XRF Analysis of Geological & Environmental Samples (IAEA & SAEC & UK & GRAS), SUD **6-18/4/2002**
- ❖ Word & Power Point (People Center Service – Teachers' College Dammam, KSA) **21-25/ 5/1427 H**
- ❖ Electronic Presentation Design (People Center Service – Dammam Teachers' College , KSA) **9-12 /5/1428 H**
- ❖ Active Teaching Methods (People Center Service – Dammam Teachers' College , KSA) **8-11 /6/1428 H**
- ❖ Smarting Board Using (People Center Service- Dammam Teachers' College, KSA) **15-18 /6/1428 H**
- ❖ Fundamental Computer Skills, (People Center Service- Dammam Teachers' College, King Faisal University, KSA) **24-28 /6/1429 H**
- ❖ Management of Examination Degree by using Excel(People Center Service- Dammam Teachers' College, King Faisal University, KSA) **9-10 /7/1429 H**
- ❖ Web Design and E-mail Management (People Center Service- Dammam Teachers' College, King Faisal University, KSA) **16-18 /7/1429 H**
- ❖ Management of Syllabus by using Web City (People Center Service- Dammam Teachers' College, King Faisal University, KSA) **11-12 /7/1430 H**
- ❖ SPSS (People Center Service- Dammam College of Education, Dammam University, KSA) **4/2/1434 H**
- ❖ Strategic Planning in Educational Organization (Faculty of Science and Arts, Al-Mikhwah, Al-Baha University, KSA) **25/2/1437 H**
- ❖ Safety and Quality in Radiotherapy (IAEA online) **12 Sep. 2018**
- ❖ Radiation Dose Management in Computed Tomography (IAEA online) **13 Sep. 2018**
- ❖ Radiation Protection in Radiology (IAEA online) **13 Sep. 2018**
- ❖ Computer skills to prepare for scientific research, SDL **30/3/2020**
- ❖ Introduction to Publishing in Academic Journals, SDL **31/3/2020**
- ❖ 50 tips for writing and publishing scientific research, SDL **5/4/2020**
- ❖ Research Skills with Britannica Academic, SDL **6/4/2020**
- ❖ Journals and publishing vessels between real and fake, SDL **8/4/2020**

- ❖ Nano- a Nature Research Solution, how to make a soft of it? **21/4/2020**
- ❖ How to get published & IET research tools, SDL **21/7/2020**
- ❖ Radiation Protection in Fluoroscopy Guided Interventional Procedures (IAEA online) **2 Aug. 2020**
- ❖ Course on Borehole Disposal (IAEA online) **6 Aug. 2020**
- ❖ Introduction Training Course (26 parts and their certificates) for Research Reactor Personal (IAEA online) **6 Aug. 2020**

Researches:

- ❖ **2013** PhD Thesis:
Physics of bio medical materials (Localization of Thermal Effects Using Prepared Cobalt Ferrite CoFe_2O_4 Nano-suspensions)
- ❖ **1999** M.Sc. Thesis:
Medical Physics (Factors Affecting the Gamma Camera Uniformity)
- ❖ **1995** B.Sc. Project:
Nuclear Physics(Radiation Isotopes using in Agriculture & Industry)

Publications:

1. Effect of Counts per Image on the Gamma Camera Uniformity, SPUB.COM, The Internet Journal of Medical Technology Volume 3 Number 2 – **2005**
2. The effect of Gum Arabic on CoFe_2O_4 Nanoparticles Energy Absorption at 100W-100kHz Induction, www.theinternationaljournal.org >RJSITM: Volume: 02, Number: 04, **February 2013**
3. Study of CoFe_2O_4 Nanoparticles Energy Absorption used Anew Induction Heating Design Operating at 100W-100 kHz, www.theinternationaljournal.org >RJSITM: Volume: 02, Number: 05, **March-2013**
4. Synthesis and Specific Absorption Rate of Fe_3O_4 Nanoparticles, International Journal of Science and Research (IJSR), Volume 4 Issue 2, **February 2015**
5. The Thermal Properties and The Energy Absorption of $\alpha\text{-Fe}_2\text{O}_3$ Nanoparticles at Low Frequency, www.theinternationaljournal.org >RJSITM: Volume: 04, Number: 06, **May 2015**
6. Evaluation of Thermal Properties of Ferrite Nanoparticles for Magnetic Hyperthermia Treatment, International Journal of Science and Research (IJSR), Volume 5 Issue 2, **February 2016**
7. Abugomry Induction Heater Design to Study the Thermal Properties of Magnetic Nanoparticles, Journal of Physical Science and Application 6 (4) (**2016**) 51-54 doi: 10.17265/2159-5348/2016.04.007
8. On the Variation of Photovoltaic Parameters of Mono – Crystalline Silicon Solar Cell Under 1.24 Mev ^{60}Co γ - Irradiation, international journal of advanced and applied sciences, 3(9) **2016** pages 1-5
9. SIMULATION OF PHYSICS EXPERIMENTS USING THE OCTAVE PROGRAM CASE STUDY: CALCULATION OF GRAVITY

ACCELERATION, International Journal of Development Research
Vol. 09, Issue, 10, pp. 30880-30882, **October 2019**

10. Magnetic and Thermal Properties of CoFe₂O₄ Nanoparticles for Magnetic Hyperthermia Treatment, , international journal of advanced and applied sciences, **5(8) 2018** pages 34-36
11. Factors Affecting on the Magnetic Nanoparticles Hyperthermia Treatment Interciencia Journal (ISSN: 0378-1844), CARACAS, VENEZUELA. **Accepted to publish in October 2019**
12. Heat Generation of Fe₃O₄ Nanoparticles Under AC Magnetic Field for Breast Cancer Therapy, **ICAMA** International Conference on Advanced Materials and their Applications 2021, **Accepted**

Researches
interest:

- ❖ Medical physics and Biomedical Material
- ❖ Magnetic Nanoparticles- Ferrite Nanoparticles
- ❖ Hyperthermia
- ❖ Radiation physics and Radiation Protection

Research Projects:

- ❖ Title: Measurement of Soil Radioactivity Background Level in Soil Samples Taken From Al-Mikhwah District, Al-Baha Province, Saudi Arabia **2017**. Research Proposal Submitted to the Dean of Scientific Research, Al-Baha University, Contributor and Author Alternative Major Researcher.

Referees:

- ❖ Dr. Mohamed Gamar Hussein
Physics Department Faculty of Science, Al-Baha University, KSA,
mgamar@gmail.com **Mobil +966501098321**
- ❖ Dr. Sammani Ali Shokrallah
Physics Department Faculty of Science, Al-Baha University, KSA
Sammani97@gmail.com **Mobil +966552943333**