

CURRICULUM VITAE

Personal Data:

Name: Ahmed Elhassan Elfaki Idries

Date of Birth: 1962

Nationality: Sudanese.

Marital Status: Married with children.

Address:

Occupation Address: Sudan University of Science and Technology
College of Science.

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Employment History:

1993 -----1999 Teach. Assistant. Teacher, Department of Physics College of Science. Sudan University of Science and Technology.

1999 -----2004 Lecturer, Department of Physics College of Science. Sudan University of Science and Technology.

2004 ---2015 Assistant Prof. Department of Physics College of Science ,Sudan University of Science and Technology.

2001 -----2003 Head Of The Department Of Physics College of Science Sudan University of Science and Technology.

2004 -----2009 Head of the General Department, College of Science. Sudan University of Science and Technology.

2009 -----2012 Head of the Scientific Laboratory Department College of Science Sudan University of Science and Technology.

2012----- 2015 Dean of College of Science Sudan University of Science and Technology.

Academic Qualifications:

2004 Ph.D Nuclear Physics. Sudan University of Science and Technology.

1999 M.Sc Physics. Sudan University of Science and Technology.

1997 B.Sc Physics second class- division one(honors) College of Science Sudan University of Science and Technology.

Training Courses, Workshops and Conferences:

2013 Training Course on Laser and its Applications Institute of Laser, Sudan University of Science and Technology, Sudan Institute for Natural Sciences, Ministry of Higher Education and Scientific Research Sudan, From 16/6/2013 to 20/6/2013.

2013 Training Course on Moodle version 2.5 Sudan University of Science and Technology 5/5/2013 -15/5/2013.

2013 Scientific Support to enhance investigations and criminal justice Conference. Khartoum, 12/2/2013-14/2/2013.

2013 First Meeting of the Non – destructive Testing and Industrial Training. College of Science, Sudan University of Science and Technology 23/3/2013.

2012 Training Course on End-Note (A Bibliographic Management Tool) Sudan University of Science and Technology 9/8/2012.

- 2012 Training Course on Registration System of Credited Hours System Program. Sudan University of Science and Technology 19/7/2012.
- 2012 Training Course on Credited Hours System Program and Academic Guidance- Sudan University of Science and Technology 18/7/2012.
- 2011 Training Course on Result System of Credited Hours System Program – Sudan University of Science and Technology 8/1/2011.
- 2010 Training Course on Data Entering Sudan University of Science and Technology, 1/8/2010.
- 2010 Training Course on Moodle version 1.8
Sudan University of Science and Technology 5/5/2013 -15/5/2013.
- 2009 Training Course on Applications of Internet on Electronic Noting - Sudan University of Science and Technology, From 14/10/2009 to 17/10/2009.
- 2009 Workshop on Laboratory Work Promotion, Africa City of Technology. Ministry of Science and Technology. From 30/6/2009 to 5/7/2009
- 2009 Training Course on Art of Public Communication – Sudan University of Science and Technology, Sudan from 24/5/2009 to 28/5/2009.
- 2009 Training Course on Training Course on Credited Hours System Program and Academic Guidance-Sudan University of Science and Technology 2/4/2009.
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- 2008 Workshop on Laboratory Work Promotion, Sudan University of Science and Technology. From 5/8/2008 to 6/8/2008.
- Chairman of the committee of the workshop.**
- 2008 Workshop on Setting Good Exam. College of Medical Laboratory, Sudan University of Science and Technology. 12/7/2008.

2008 Workshop on Laser Applications in Chemical Analysis and Oil Industry, Institute of Laser, Sudan University of Science and Technology. From 27/4/2008 to 28/4/2008.

Chairman of the committee of the workshop.

2007 First International Conference of Laser Engineering, Science and its Applications, Institute of Laser, Sudan University of Science and Technology. From 24/1/2008 to 28/1/2007.

2005 Training Course on Laser Physics Elneelain University Institute for Natural Sciences, Ministry of Higher Education and Scientific Research Sudan, From 14/2/2005 to 19/2/2005.

2002 Computer and Information Technology for Leaders (ICDL) Computer Center. Sudan University of Science and Technology. From 10/ 11/2002 to 31/12/2002.

1997 Computer Maintenance Course College of Engineering and College of Further Education Sudan University of Science and Technology. From 20/9/1997 to 16/10/1997.

1997 Improvement of Academic Performance College of Education Sudan University of Science and Technology. From 7/6/1997 to 26/6/1997. .

aching experience:

Have teaches undergraduate courses at the following universities:

- College of Science Sudan University of Science and Technology.
- College of Education Sudan University of Science and Technology.
- College of Medical Laboratory Science Sudan University of Science and Technology.

- College of Computer Science Sudan University of Science and Technology.
- College of Technology Sudan University of Science and Technology.
- College of Engineering Sudan University of Science and Technology.
- Omdorman Aahlia University. College of Science.
- Karray University.
- College of Science - International University of Africa
- College of Engineering- International University of Africa
- College of science Engineering- International University of Africa
- College of Computer Science. International University of Africa
- College of Education. International University of Africa
- College of Medicine. International University of Africa
- College of Forestry and Range science-Sudan University of Science and Technology.
- College of Agricultural Studies –Sudan University of Science and Technology.
- College of Medical Radiology –Sudan University of Science and Technology.

Undergraduate courses:

- General physics.
- Electricity and magnetism
- Electromagnetic theory
- Modern physics
- Atomic physics
- Energy physics
- Vibrations and waves.
- Geometrical optics.
- Wave optics.
- Heat &property of matter
- Mechanics&Vectors.
- Statistical physics
- Thermodynamics.
- Electronics.
- Instrumentation science.
- Laser physics.

- Radiation physics.
- Nuclear physics.
- Elementary particle physics.
- Reactors physics.
- Radiation measurements.
- Radiation protection
- Biophysics.
- Solid state physics.

Postgraduate courses:

Have teaches postgraduate courses at the following universities:

- M.Sc. Nuclear physics. College of Science Sudan University of Science and Technology.
- M.Sc. Physics College of Science Sudan University of Science and Technology.
- M.Sc. Solid State Physics College of Science Sudan University of Science and Technology.
- M.Sc. in Medical Physics college of Science International University of Africa.
- M.Sc.in Medical Physics College of Medical Radiologic Sciences Sudan University of Science and Technology.
- Postgraduate Diploma in physics. College of Science- Sudan University of Science and Technology.
- Postgraduate Diploma in Physics College of Science International University of Africa.

Postgraduate courses:

- Advanced Nuclear physics.
- Elementary particle physics.
- None Destructive Testing.
- Radiotherapy.
- Reactors physics.
- Radiation protection.
- Non-ionizing radiation.

- Accelerators & Radiation Detectors
- Neutron physics.
- The Nuclear Models.
- Energy physics

Memberships:

2008 – 2014 : Member of Basic Science Committee Ministry of
Higher Education and Scientific Research.

2008 – 2014 : Member of Atomic Sciences and Laser Committee. Sudan Institute
of Natural Sciences - Ministry of Higher Education and Scientific
Research.

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2004 – 2015: Member of University Council Sudan University of Science and
Technology.

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2004 – 2015: Member of University Senate Sudan University
of Science and Technology.

- Have contributed in development the curriculum of Diploma Programs
College of Technology, Sudan University of Science and Technology.
- Have contributed in Strategic Plan College of Technology, Sudan University
of Science and Technology.

publications:

- 1- Investigation of Natural Radioactivity level in soil samples form North Kordofan , Research Journal of Physical Science, Vol. 3(7), 1-9, Sep.2015.
- 2- Quantum Explanation of Conductivity at Resonance , IOSR Journal of Applied Physics, Vol. 7, Issue 4, Aug.2015.
- 3- Nuclear Reaction on the Basis of Statistical distribution Based on Nuclear Potential , IOSR Journal of Applied Physics, Vol. 7, Issue 4, Jul.2015.
- 4- Quantum Radioactive Decay Law and Relaxation Time , IOSR Journal of Applied Physics, Vol. 7, Issue 4, Aug.2015.
- 5- Relation between Matter Density, Atomic Number, Magnetic field and resonance Frequency on the basis of Non Equilibrium Statistical Law and Zeeman Effect , IOSR Journal of Applied Physics, Vol. 7, Issue 4, Aug.2015.
- 6- The determination of heavy metals exposure to environmental in fingernails of females in Port Sudan ,
- 7- Estimation of radioactivity level and assessment of Dose rate in Rocks sample from Kordofan state-Sudan ,

