

2011-2013 Course coordinator of Diploma in medical instrument engineering–Faculty of Technology–Sudan University of Science and Technology.

2013-2014 Head of biomedical engineering department in Future University, Khartoum.

Research experience

Implementing proposed digital imaging system to upgrade conventional radiographic X-ray machine towards digital one (Ph.D research objective).

Other experiences

1-MAT-LAB programming language course, faculty of computer science –Sudan University of science and technology.

2-Qualifying teaching staff course, faculty of education –Sudan University of science and technology.

3-Microcontroller programming by using Mikro C language.

Research interests

1-Digital radiography, Image processing tools, upgrading conventional X-ray machines towards digital ones.

2-Reviewer for Elzaim Elazhari University scientific peer review journal.

Subjects can teach

First, in medical imaging department

1- Physical principles of medical imaging.

2- Radiation protection.

3- Digital design.

4- Advance digital design.

5-Computer networks.

Second, in instrumentation department

1-Biomedical instrumentation.

2-Rehabilitation engineering.

3-Biomedical signal filters.

4-Biomedical signal amplifiers.

5- Electrodes, sensors and transducers.

Publications:

1- Makki Kuku Hamid, Saad Dawod Suleman, Altahir Mohamed Hussein, Mohamed Elfadil Mohamed. Simple approach to digital radiography. Alazhari Medical Journal. Volume 1No.9.2010.

2- Makki Kuku Hamid, Saad Dawod Suleman, Alhahir Mohamed Hussein, Mohamed Elfadil Mohamed Alnazeer Hamza. Increasing efficiency of digital imaging prototype Alazhari Medical Journal.

Languages spoken

Arabic (mother tongue).