

# C.V

## **PERSONAL DETAILS**

Surname: Abbo Hussein  
First name: Mohamed  
Middle name: Adam  
Date of Birth: 1957  
Place of Birth: Khartoum  
Nationality: Sudanese  
Marital status: Married + 4 Children

## **CURRENT ADDRESS**

Chemistry Department, College of Science  
Sudan University of Science and Technology (SUST)  
P.O Box 407 Khartoum – Sudan  
Mobile: +249915121419  
E-mail: maabbo@hotmail.com

## **EDUCATION**

1978-1982 BSc (Chemistry) University of Khartoum (U of K)  
1988-1992 PhD (Chemistry) U of K

## **LANGUAGES**

Arabic (Mother tongue)  
English (Fluent)

## **PERSONAL PROFILE**

Long experience as chemistry lecturer and academic administrator with sophisticated teaching and administration skills.

High personal integrity, confident, able to persuade team-work to achieve exceptional academic performance

Reliable, dependable, cooperative, motivated, and dedicated to the academic career.

## **CAREER HISTORY**

1982-1985 Technical advisors, ElRoubi Group of Companies (lead-acid battery factory).

1985-1989 Deputy Technical Manager, ElRoubi Group of Companies (lead-acid battery factory).

1985-1989 Battery expert visitors, Kenana Sugar Company.

1988-1992 Teaching assistant, Chemistry Department Faculty of Science, U of K.

1992-1997 Assistant Professor, Chemistry Department College of Science, SUST.

1997-2000 Associate Professor, Chemistry Department College of Science, SUST.

1998-2000 Dean College of Science, SUST

2000-2007 Associate Professor, Chemistry Department, Taif University, Taif, Kingdom of Saudi Arabia.

### **OCCUPATION**

2007-Todate Associate Professor of inorganic chemistry, Chemistry Department, College of Science, SUST.

Chairman, SUST Admission and Registration Committee.

Head of the research unit, College of Science, SUST.

2008-Todate Technical Advisor, Nobia Bottled Water Factory, Khartoum, Sudan

### **EXPERIENCE**

Over 25 years teaching inorganic chemistry at university level at most of steamed universities inside and outside Sudan.

Long experience with technical skills in conducting and guiding research projects at both graduate and undergraduate levels.

Good experience with administration skills in managing educational processes and academic institutions.

Background in wide range of applications of chemistry in industry.

Good knowledge in dealing with IT.

### **TRAINING AND WORKSHOPS**

Industrial Quality Control, NOAK AB , Hultsfred , Sweden , 1982.

Applications on environmental chemistry, Photo energy center, Ain Shams University, Cairo, Egypt , 1998.

### **CONFERENCES**

The International Conference on Photochemistry, Photo energy center, Ain Shams University, Cairo, Egypt, 1996.

International Symposium on Solar Energy, Sharjah University, Sharjah , U.A.E , 1997.

Scientific Research and Technology Development in Arab World, Future Outlook, Sharjah University, Sharjah , U.A.E , 1999.

International Conference on Conservation of Wildlife, Al Riyadh, Kingdom of Saudi Arabia, 2000.

The First Symposium of the Saudi Chemical Society on Waste Recycling, Jeddah, Kingdom of Saudi Arabia, 2004.

### **MEMBERSHIP OF COMMITTEES**

Chairman, College of Science Board, SUST.

Chairman, College of Science Research Board, SUST.

Member of the University Senate, SUST.

Member of the Graduate College Board, SUST.

Member of the University Deans Board, SUST.

Member of the Academic and Scientific Affairs Committee.

Member of Chemistry Department Board, College of Science, SUST.

Member of accreditation and assessment committee, College of Science, SUST.

Member of Scientific Research council, SUST.

Member of chemical industries committee, Sudanese standards and metrology organization.

### **MEMBERSHIP OF SOCIETIES**

Member of Saudi Chemical Society.

Member of Sudanese Chemical Society.

Member of the Sudanese Environment Conservation Society.

### **AREA OF INTREST**

Coordination Chemistry.

Photochemistry.

Environmental chemistry.

## **HOBBIES**

Traveling and Reading.

## **SUPERVISION**

### **PhD research projects**

Removal of phenols from waste water by catalytic oxidation .

Study on the transition metal chelates of indigotin.

Electrochemical effects on optical properties of colloidal silver particles adsorbed on transparent electrode.

Removal of organic pollutants by catalytic oxidation , a kinetic study.

### **M.Sc research projects**

Characterization of oils extracted from roasted seeds of *Cucurbitaceae species* grown in Sudan.

Stoichiometry and stability of copper(II),cobalt(II),and iron(II) chelates of some hydroxamic acid derivatives in non-aqueous medium.

Salt, minerals, and trace elements in saltlicks from western Sudan.

Chemical study on *Hibiscus Sabdariffa* varieties in Sudan.

Extraction and characterization of indigo blue from Dahaseer plant.

Photo stability of some metal complexes of anthraquinone extracted from some Sudanese Senna.

Photo thermal stability of metronidazole benzoate.

## **PUBLICATIONS**

Abbo,M., and Ibraheim,I.A. Stoichiometry and stability of copper(II),cobalt(II),and iron(II) chelates with p-chloro-N-pheny-p-nitrobenzo hydroxamic acid in non-aqueous solvents , Journal of Science and Technology, vol. 1,1996.

Abbo,M., Energy resources in Sudan and its environmental impacts,7<sup>th</sup> Arab international solar energy conference, Sharjah, UAE, 2001.

Abbo,M., and Majed,I.M., Scientific research, present and future , international symposium on scientific research outlook in Arab world and the millennium, Science and Technology, Sharjah , UAE , 2000.

Abbo,M., Forest of Sudan as energy resource , The international conference of Economics and Conservation of Renewable Natural Resources in Arid Zones, Riyadh KSA, 2000.