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Hussein Salim Ayoub



Personal Information	<ul style="list-style-type: none"> ▪ Marital status: Married (2 Kids) ▪ Nationality: Sudanese ▪ Age: 54 years ▪ Place of Birth: Hasahiessa Geziera – Sudan ▪ Current Position: Lecturer- Dept of Chem. Eng. University of Khartoum – Sudan ▪ Last updating of my CV was April 2016
Education	<p>1981 - 1986 University of Khartoum - Khartoum- Sudan First Class B.Sc. Honors in Chemical Engineering</p> <p>1989 – 1991 University of Khartoum - Khartoum-Sudan M. Sc. in Chemical Engineering</p> <ul style="list-style-type: none"> ▪ I am in the final stages of my PhD Program <p><i>Title: Pressure evaporation as a means of energy saving in the cane sugar industry. {It covers: experimental work, modeling and simulation of the evaporators station}</i></p>
Languages	<p>Arabic { mother tongue language}</p> <p>English {The teaching medium during my University studies was English}</p> <p>German</p>

Work Experiences	<p>1987 – 2000</p> <p>University of Khartoum- Dept of Chem. Eng. -- Khartoum -Sudan</p> <ul style="list-style-type: none"> ▪ Position: Teaching Assistant {My work was the supervision of the students during their laboratory works and tutorials} <p>2000 –until now</p> <p>University of Khartoum- Dept of Chem. Eng. - Khartoum -Sudan</p> <ul style="list-style-type: none"> ▪ Current Position: Lecturer {I have taught courses in Chemical Eng. including: ▪ Heat transfer, Computer Applications in Chem. Eng, chemical process industries, Chemical Engineering Calculations (Material & Energy Balance), Fluid Mechanics, Plant Design, Chemical process Simulation, Process equipment design.....etc ▪ I have supervised many final and semifinal year projects, such as production of MTBE, Polystyrene, Ethyl Benzene...characterization of Sudanese Crude oil, production of ethanol, biodiesel cogeneration in the sugar industryetc} <p>I have taught chemical engineering courses in a number of universities in Sudan.{ Khartoum, Imam El Mahdi, El Nilean, Karary Academy, Kurdufan University Red Sea .</p> <ul style="list-style-type: none"> ▪ From Feb. 2005 to August 2008, I have been assigned the duty of first year Coordinator at the Faculty of Engineering University of Khartoum { I was dealing with 700 students and my job was to coordinate their lectures timetable, tutorials, lab. Works, examinations ..etc.} <p>I was responsible for the Computer laboratory of the Dept. of Chem. Eng. Since 2001 till 2007 (Duty: provision of relevant software, monitoring the daily activities in the lab).</p>
Computer Skills	<ol style="list-style-type: none"> 1. I have an excellent computer knowledge I have experience with the use of Excel Spreadsheet, MATLAB, Mathcad , Mathematica ,SPSS and E-Z solve in solving chemical engineering problems. I can program with both Fortran and C++. 2. I have an excellent knowledge of simulation packages in chemical engineering, these include Aspen Hysys , Chemcad , codeware compress and Superpro designer simulation packages., which I have taught and I have applied for the design and rating of a number of chemical process equipment such as: Distillation columns, Evaporators, Heat Exchangers, Absorbers, Reactors.....etc.
References	<ul style="list-style-type: none"> • Prof . Dr. Hamid Mohamed Mustafa – Prof of Chem. Eng. - Dept. of Chem. Eng. – King Saud University -Riyad – Kingdom of Saudi Arabia
	<ul style="list-style-type: none"> • Dr. Bashir Mohammed El Hassan - Associate Prof. of Chem. Eng Dept. of Chem. Eng. – University of Khartoum – Sudan • Tel:00249 912918898
	<ul style="list-style-type: none"> • Dr. Abd ElShakour Awad El Karim, Associate Prof. of Chem. Eng Dept. of Chem. Eng. – University of Khartoum – Sudan, • Tel: 00249 0912392604

