

# **DR. HASAN MAJEED HASOON ALDELF**



## **CURRICULUM VITAE**

**2023**

## MY VALUES

**INTEGRITY, DIVERSITY, COMMITMENT, TEAMWORK,  
PROFESSIONALISM, RESPECT**

## MY INTERESTS

**WRITING, SPORTS, TRAVELLING, WALKING,**

## MY SKILLS

### **TECHNICAL SKILLS—**

**WORDPROCESSING, ANALYZING, CALCULATING,  
COMPUTER SKILLS, COMMUNICATION, CRITICAL  
THINKING, MACHINES AND EQUIPMENTS AND A/C  
MAINTENANCE, BUILDINGS CONSTRUCTION;**

**TRANSFERRABLE SKILLS: ACKNOWLEDGING,  
RECOMMENDING, LEADERSHIP, NEGOTIATION, MANAGING,  
ORGANIZING, FOLLOWING-UP, ANTICIPATING,  
LEADERSHIP, COUNSELLING, DECIDING, PROBLEM  
SOLVING, DISCUSSING, EXPLAINING, PLANNING**

## MY PERSONALITY TRAITS

**ADAPTABILITY, LOYALTY, POSITIVISM, CREATIVITY,  
RISKTAKING, TOLERANCE, PERSISTENCE, SOCIAL**

# DR. HASSAN MAJEED HASOON AL-DELFI

## OBJECTIVES

Seeking a suitable position looking for substantial responsibility where my past and varied experience would be fully utilized in a career opportunity and where making a significant contribution to the success of my workplace.

**Marital Status:** Married

**Nationality:** Iraqi

**Work Address:** ISHIK University, Erbil , Iraq

**Home Address :** Erbil, Atconz, Villa 94 R2

**Erbil Home address:** , Atconz, Road 2 , Villa 94

And , Dubai last address, Nahda 2, Dubai development Board Building  
573, Flat 802, P.O.BOX 14143, Dubai, U.A.E

**Telephone No:** +9647717091036

**E-mail Address:** [hassan.hassoon@tiu.edu.iq](mailto:hassan.hassoon@tiu.edu.iq)

**Original Home Address:** Baghdad, AL-Ameryah house no 4 Zuqaq 53  
Mahallah 636

**Driving Licence:** British driving licence, UAE driving licence and  
Iraqi driving License

## MEMBERSHIP

Member of the WOBO (the World Organisation of Building Officials)

Member of Emirates Environmental Group

Member of the International Institute of Refrigeration, U.K.

Member of the Iraqi Engineering Society

Member of Kurdistan Engineers Union Erbil Iraq

## EDUCATION

Institution	From – To	Certificate
1.- Bristol University, Mechanical Engineering Dept. Bristol, England, U.K	1986 – 1989	Ph.D. Mech/Environmental. Eng.
2- Environmental Engineering Dept. Strathclyde University Glasgow, Scotland, U.K.	1979 – 1981	M. Sc. Environmental Engineering
3. Queen Mary College London University, England UK	1968 – 1972	B. Sc. (Mech. Eng.) (Honour)

## INDUSTRIAL EXPERIENCE

WORK PLACE	FROM -TO	TYPE OF WORK
BOC-Linde Refrigeration LTD. Middlesex, England, U.K.	1973 - 1974	Design Engineer that included project Design.
Power Generation Dept. Daura Oil Refineries, Baghdad, Iraq.	1974 – 1976	Operation Engineer, Power House Utilities Engineer, Boilers Section Manager
Maintenance and Mech. Dept., Durra Oil Refineries, Baghdad, Iraq.	1976 – 1978	Pumps and Engines Engineer.
The State Establishment for Manufacturing Oil Equipment, Daura, Baghdad, Iraq.	1978 - 1981	Production Engineer, Manager of the Gas Cylinders Production Department
The Consulting Engineering Office of the University of Technology.	1982-1986 then from 1990 till 1998 (evening part time)  1997- 1999	Worked as part time Consultant Engineer designed many projects in Building Services Design Mechanical Consultant for various agricultural projects ( Hilla-Kifl Irrigation Project) I also owned and managed (Baghdad) Mechanical Workshop for Design and Constructing Pumping Equipment.
Belyouhah Architectural and Consulting Engineers, Benny-Yas, Rd., Dubai, UAE	NOV.1999	Worked as Consultant Engineer for Building Services Design projects Prior to joining the Dubai University College. I successfully passed the Qualifying written and Oral exams. In building services set by the UAE Ministry of Housing and Public Works, Dubai

PLACE OF WORK	From - to	TYPE OF WORK
1-TISHK International University TIU Erbil Iraq	2015 –till now	Associate Professor Chair for ICAD 2021, <a href="https://conferences.tiu.edu.iq/icad/">https://conferences.tiu.edu.iq/icad/</a>
2-Ian Banham & Associates Consulting Engineers IBA Regional Manager Iraq-Branch Erbil Kurdistan	2014-2015	Coordinating The IBA work for projects in Iraq and Kurdistan Region, Business development....etc
3-Maisan University Iraq	2013/2014	Head of Civil Eng Dept
4- University of Dubai , Deira, P.O. Box 14143, Dubai U.A.E	1999/2013	Director of Institutional Effectiveness Assistant Professor, teaching Math. Statistics, and Cotemporary Environmental Issues, Mathematics, Data Analysis, Management Information Systems MIS and Managing Information MI, as well as pursuing research. Taught at the AUS Master Degree Course in Statistical Analysis, University Planning and Career Success, UAE Society, and Chair of UD Textbooks Committee.
5 - The University of Technology, The Mech. Eng. Department, Baghdad. IRAQ	1981- 1999	Lecturer taught various subjects such as: Environmental Pollution, Refrigeration and Air- conditioning, Refrigeration, fluid flow, Data Analysis, Environmental Studies, Thermodynamic and Solar Energy. Promoted to Associate Prof. in 1993, now Visiting Professor .

		Taught building services topics and supervised students projects in the Departments of Architecture and Civil Engineering University of Technology, Baghdad and supervised five M.Sc. students
	1993 – 1996	Head of the Scientific Committee
	1996 - 1998	Advisor for Higher Studies and Head of the Higher Studies Committee

### **Doctor Qualification and Abstract:**

The PhD. Thesis titled the (A TWO – PHASE INVESTIGATION RELATING A CIRCULATING BUBBLE ABSORBERS). The work involved system mathematical modelling. To validate this model a test rig was constructed.

## **COMPUTING SKILLS**

- 1-** Microsoft Office Word processing, Excel, Power Point, etc.
- 2-** The Fortran Language used extensively in Multics, UNIX.
- 3-** The basic language and the use of microcomputer for data acquisition interface.
- 4-** Fully attended a finite element course for a period of ten week specifically motivated for structural analysis run by Dr. Norman Woodsman of Bristol University.
- 5-** Alongside the preparation of the PhD work, I applied the finite difference approach in heat transfer applications, some programs were made using Fortran Language.

## **OUTSIDES INTERESTS**

Swimming, Walking, Cycling, and Horse riding. Indoor hobby include home improvement, gardening, travelling, and care of the environment.



## PUBLICATIONS

### **BOOKS:** Published two books in Arabic and English:

- i- **The Introduction to P-C computers and the Operating system.** 1993 edition.
- ii- **Engineering and Numerical Analysis.** 1999 first edition.
- iii- **Engineering and Numerical Analysis.** 2016 second edition

### **PAPERS:**

**Hassoon H., (1982): “*Pressure Drop in 180 °Pipe Bends*”.** Building Services Engineering Research and Technology Journal, 3, 70-74.

**Fitt P. W., Hassoon H., (1988): “*A circulating Bubble Absorber*”.** Preliminary Proceedings of the CEC – British Gas International Workshop on Absorption’s Heat Pumps, Organised by The CEC – and the British Gas, London, 272-279.

**Hassoon H., Ali A., (1984): “*Optimum Positioning of Solar Collector for Summer Applications in Baghdad*”.** Alternative Energy Systems Proceedings held in Coventry England, Pergamum Press., 27-35.

**Hassoon H., (1985): “*Design Plan Area Estimation for the Central Air Conditioning Plants*”.** (In Arabic). The Baghdad University International Conference on Energy Conservation Baghdad Iraq.

**Hassoon H., Fitt P. (1990): “*Mathematical Modelling of Vapour Bubble Pump*”.** Published in ASHRAE Attawa, Canada, 1990.

**Hassoon H., Antwan N. (1996): “*The effect of vertical vibration on the performance of viscous filters*”.** Journal of Engineering and Technology, No. 15, 1996.

**Hassoon H. (1993): “*Means for storing solar energy as renewable energy*”.** Baghdad Symposium on alternative energy sources, 1993, Conference of Union of Arab Research Councils.

**Hassoon H. (1994): “*Measuring and analysing sound pressure levels in Haifa street residential complex*”.** Tikreet University, Journal, No. 1, 1994.

**Hassoon AL-Delphi H. (1997): “*Mathematical Model for Traffic Noise Simulation*”.** Third Iraqi Technical conference on Human and Environment- University of Technology – Bagdad 13-15<sup>th</sup> May 1997.



**Hassoon H. (1999): “Mathematical model simulating thermal performance of chimneys”, Journal of Engineering and Technology, 1999.**

**Hassoon H., Hayder A., Kamel M. (1999): “The effect of lift tube on the performance of air injected bubble pumps”, Journal of Engineering and Technology, 1999.**

**Hassoon, H. (2000): “ The Assessment of Building Services Design and Construction Practices in The UAE”, The World 5<sup>th</sup> International Conference, March 26<sup>th</sup> to 29<sup>th</sup> 2000, WOBO and DCCI Dubai. UAE.**

**Hassoon AL-Delphi H, “A Case Study Relating to the M.E.P Services and the Use of Glass in Buildings Construction in the U.A.E”, Sharjah Solar Energy Conference, Sharjah University. U.A.E Feb. 19<sup>th</sup> to 22<sup>nd</sup> 2001.**

**Hassoon AL-Delphi: “Sustainable Environment Sustainable Development”, Sharjah International Conference on Urban Planning SUPS2003, Sharjah University, 2003.**

**Hassoon AL-Delphi: “The Environmental problems in the Arab World Sustainability and Policy making”  
Dubai UAE 8-9<sup>th</sup> April 2009,  
[http://ehealth.hbmeu.ae/Program/Presentation The Environmental Problems in the Arab World.aspx](http://ehealth.hbmeu.ae/Program/Presentation%20The%20Environmental%20Problems%20in%20the%20Arab%20World.aspx)**

**Hassoon AL-Delphi:” The Environmental Tragedies due to the Wars on Iraq” Dubai UAE April 2010.**

**<http://ehealth.hbmeu.ae/Program/Presentation>  
Hassoon ALDelfi, “ Linear Modelling for Sustainable Transportation System” <http://www.ishik.edu.iq/conf/iceeas/> 2016 Erbil Iraq**

**Hassoon ALDelfi, and Rasha Alkabbanie, “A Study Related to the Degree of Sustainability of Erbil City Households” <http://www.ace-conference.org/acceptedpapers2017.html> 2017 Singapore**

**Hassoon ALDelfi, “ Dynamic Modelling for Sustainable Transportation System” <http://www.icsea.org/> 2018 San Diego, USA .**

**Hassoon ALDelfi, “ Iraq’s Cotemporary Environmental Issues Their causes and Sustainability ”**

<https://www.performer2020.cajg.org/author/paper-reviews/966>

**Tunisia 2020**

**Hassan Hassoon ALDelfi, Qaysar Mahdi, Bahjet Celic “ The side Effects of 5G Between hypothesis and Theory”. ICOWBAS 2021,**

<http://icowobas.conference.unair.ac.id/registration/account/starter.php?halaman=paper> **Indonesia 2021**

**Sarkawt Nooraldin Ibrahim, Hassan Hassoon ALDelfi “The Effects of Schools of Arts on Theatres Contemporary Decorative Design”**

**EURASIAN JOURNAL OF SCIENCE AND ENGINEERING” EAJSE  
Dec Edition TIU Erbil, 2021**

## **REFERENCES**

Ms Amina ELMirzak, Professor Anath Rao and Professor DR Omar Hefni and more Dr Abdul Samad President of TIU Erbil, for more Upon request

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