Academic Curriculum Vitae

Personal Information:

Full Name: Dr. Hassan Sadi Ibrahim
Academic Title: Lecturer
Email: hassan.ibrahim@su.edu.krd
Mobile: +9647517486600

Education

2009 – 2012 : Doctor of Philosophy, Odessa State Academy of Refrigeration, Ukraine
Thesis title : Heat and Thermal Power Engineering

2007 – 2009 : Master of Science, University of Odessa National Polytechnic, Ukraine
Thesis title : Thermal Power

1998 – 2003 : Bachelor of Science, Physics, Department of Physics, College of Science, Salahaddin University, Erbil – Iraq

Employment:

2014 – 2022 : Upto date Dupty of teacher of college of Science.

2013 – 2014 : Member of final examination of B.Sc of the college.

2014 – 2015 : Head of Physics department of final examination of B.Sc of the college.

2014 – 2015 : Head of the Budget Committee, College of Science

2017 – 2021 : Member of the committee postgraduate research preparations

Member in

1- Member of Physics syndicate in Kurdistan Region.
2- Member of Kurdistan Teacher Union.

Teaching Experiences

I have taught a variety of undergraduate courses in Thermodynamic physics, Temperature and Heat Transfer, Solar Energy, Metrology, The Earth's Atmosphere.

fundamental of thermodyanamic physics, Properties of a System, Thermal Expansion, Thermal Conductivity, The Solar Radiation Spectrum, Van Der Waals equation of state, Specific Heat Capacity, Laws Of Thermodynamic.

The Composition and Structure of the Atmosphere, Layers of the Atmosphere, Warming the Earth and the Atmosphere, Greenhouse Effect of the Atmosphere.

His research interest is in the field of solar systems, GIS remote sensing, and thermal power energy.

2013–2014	Lecturer, Department of Physics - College of Science, University of Salahaddin, Eerbil, Iraq.
Teaching Courses	Fundamental of Thermodyanamic Physics, Thermal Expansion.
2014–2015	Lecturer, Department of Physics - College of Science, University of Salahaddin, Erbil, Iraq.
Teaching Courses	Thermal Conductivity, The Solar Radiation Spectrum, Van Der Waals equation of state.
2015–2016	Lecturer, Department of Physics - College of Science, University of Salahaddin, Erbil, Iraq.
Teaching Courses	Specific Heat Capacity, Laws Of Thermodynamic.
2018–2019	Lecturer, Department of Physics - College of Science, University of Salahaddin, Erbil, Iraq.
Teaching Courses	The Earth's Atmosphere, The Composition and Structure of the Atmosphere.
2019–2020	Lecturer, Department of Physics - College of Science, University of Salahaddin, Erbil, Iraq.
Teac hing Courses	Layers of the Atmosphere, Warming the Earth and the Atmosphere.
2020–2021	Lecturer, Department of Physics - College of Science, University of Salahaddin, Erbil, Iraq.
Teaching Courses	Greenhouse Effect of the Atmosphere.
2021–2022	Lecturer, Department of Physics - College of Science, University of Salahaddin, Erbil, Iraq.
Teaching Courses	Fundamental of Thermodyanamic Physics, Thermal Expansion. Law of Thermodynamics Thermal Conductivity, The Solar Radiation Spectrum, Van Der Waals equation of state.
2023–2024	Lecturer, Department of Physics - College of Science, University of Salahaddin, Erbil, Iraq.
Teaching Courses	Fundamental of Thermodyanamic Physics, Thermal Expansion. Law of Thermodynamics Thermal Conductivity, The Solar Radiation Spectrum, Van Der Waals equation of state.

Research and publications

- Sardar M. R. K. Al-Jumur, Khalid Akram Abbas, Hassan Sadi Ibrahim. The Climatic water balance of Erbil Governorate and Realated Climated Type. Zancko JJPAS (2016), 28(2), 110-115.
- Hassan Sadi Ibrahim, Doroshenko A.V., Jamal Kamal Husain, Glauberman M.A. Thermophysical foundations of multi-function solar systems. Part I. Physics aerodisperse systems. Odessa I.I.Mechnikov National University (2012). № 48 (130), (page. 6-18).
- Hassan Sadi Ibrahim, Doroshenko A.V., Jamal Kamal Husain, Glauberman M.A. Thermophysical foundations of multi-function solar systems. Part II. Physics aerodisperse systems. Odessa I.I.Mechnikov National University (2012). № 48, (page. 18-25).
- Hassan Sadi Ibrahim, Doroshenko A.V.. Heat-utilizing drainage – evaporative cooling systems with usage of alternative energy sources. Refrigeration equipment and technology (2012). № 4 (130), (page. 47-53).
- Hasan Sadi Ibrahim, Doroshenko A.V.. Development of multifunctional solar system of heat – cold supply for the climatic conditions of Iraqi Kurdistan. Refrigeration equipment and technology (2011). № 2 (130), (page. 44-50).
- Hasan Sadi Ibrahim, Doroshenko A.V., Franko Yu.A., Joint heat – mass – transfer processes in the direct evaporative coolers. Refrigeration equipment and technology (2010). №1(123), (page. 46-54).
- Hasan Sadi Ibrahim ., Doroshenko A.V., K.B. Zhuk, Analyses of evaporative cooling opportunities in independent and combined systems. Refrigeration equipment and technology (2009). № 4 (120), (page. 21-28).
- Khalid A. ABBAS., Hassan Sadi Ibrahim. **(** Fitting of Rainfall Data in Erbil City Using Statistical Distribution Techniques) . ZJPAS (2023) , 35(6);9-15.
- Hassan Sadi Ibrahim, Khalid A. ABBAS, Sardar M. Rashid. Estimation of Missing Rainfall Data in Erbil Governorate. (Not Poblish)
- Hassan Sadi Ibrahim, Methodology of Thermal Design Calculation of a Flat Solar Collector – Water Heater. (Not Poblish). 2024
- Hassan Sadi Ibrahim, Investigation and Analysis of Monthly Global Solar Radiation in Erbil-Iraq. (Not Poblish). 2024
- Khalid A. ABBAS., Sardar M. Rashid ., Hassan Sadi Ibrahim**. (**Fitting of Erbil Rainfall Governorate Data Based on Statistical Distribution **)** (not publish).

Funding and academic awards

- Salahaddin University-Erbil

Professional Social Network Accounts:

- List of profile links exist at: ReserchGate, LinkedIn, Google scholar, ORCID, etc.

Language Skills:

Native Language: Kurdish ,
Other: Russian, Ukrainen, Arabic, English, und German

Activity:

General Director Organization of the Middle East for Education and Technology, Student Conference and Exhibition in Iraq (2019 – 2020).

Hobbies:

Traveling, Football, Shopping, & Learning, …