



Ghada Ghanim Younis

Solide State Physics

Mosul, Iraq

Profile

More than 25 years as an effective, knowledgeable and effective physicist working with individuals, groups and facilities, with extensive experience in the field of renewable energies, especially solar energy and its applications, both thermal and photovoltaic. Strong written and verbal communication skills in the English language, supervisory and teaching experience and advanced programming skills.

Employment History

Laboratory demonstrator at University of Mosul, IRAQ
November 1995 – February 2001

Assistant Lecturer at University of Mosul, IRAQ
February 2001 – October 2011

Lecturer at University of Mosul, IRAQ
October 2011– Until Now

Education

Doctor of Philosophy, University of Mosul, IRAQ
July 2013 – May 2018
Effect Of The Glass Surface Inclination Angle In The Solar Distillation Performance.

Master of Science (M.Sc.) in Physics, University of Mosul, IRAQ
September 1998 – November 2000
Simulation Of A Complete Photovoltaic System For Terrestrial Application.

Bachelor of Science (B.Sc.), University of Mosul, IRAQ
October 1991 – July 1995

Courses

Advanced Teaching Methods, University of Mosul, IRAQ
August 2001

Computer competency course, University of Mosul, IRAQ
February 2010 – March 2010

IC3- Internet and Computing Core Certification, Mosul, IRAQ
June 2012

Arabic Language Safety Program, University of Mosul, IRAQ
May 2018

Spatial Analyst in Geographical Information System (Arc GIS 10.3), University of Mosul, IRAQ
February 2019

References

Professor **Aasim Azooz** from Mosul University
aasimazooz1@yahoo.com

Details

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DATE / PLACE OF BIRTH

1973/09/15
IRAQ

Social Profiles

ResearchGate
https://www.researchgate.net/profile/Ghada_Ghanim

Google scholar
<https://scholar.google.com/citations?hl=en&user=bLrZP0kAAAJ/>

Skills

Solar Energy

Wind energy

Experimental Physics

Computational Physics

Heat Transfer

Solar Distillation systems

Photovoltaic systems

Solar Water Heaters

Languages

Arabic

English

Hobbies

reading

Conferences

- Participation in the First Scientific Conference of the Physics Department, the University of Mosul, from 22 to 23 April. 2010
- Participation in the First Scientific Symposium on New And Renewable Energies Department, the University of Mosul, in 16 March. 2011
- Participation in the Scientific Symposium of New And Renewable Energies, the University of Mosul, in 22 April. 2018
- Participation in the scientific symposium on architecture and sustainability, University of Mosul, in 25 April. 2019
- Participation in the 2 nd International Conference of Al-Karkh University of Science (ISC2/KUS2020), Baghdad, Iraq , 2-3 Dec. 2020

Workshops

- The Spring School “ Reconstraction and Reconciliation as Emerging Challenges to Education and Science in Iraq”, University of Mosul & TU Dortmund University, from 2- 9 Aprl 2018
- RESI-Winter School “ Scince & Education Perspectives Scientific Concepts as a Basis for building Future”, University of Mosul & TU Dortmund University, from 16- 21 Dec. 2018
- RESI-Winter School “Reconciliation & Reconstraction in Digital Time”, University of Mosul & TU Dortmund University, from 23- 28 Dec. 2019

Resent Publications

- Ahmed BK, Younis GG and Mohammed KJ (2010) ***Determination and analysis of total solar spectral radiation falling on horizontal surface***, College of Basic Education Researches Journal.9(2):512-521
- Younis GG (2011) ***Modeling and analysis of homojunction silicon solar cell***, Rafidain journal of science, 22(1): 72- 79.
- Salih SI and Younis GG (2012) ***Construction of solar distiller to study its performance under Environmental conditions in mosul city***, College of Basic Education Researches Journal. 11(3): 777- 786.
- Azooz AA and Younis GG(2016), ***Effect of glass inclination angle on solar still performance***. J. Renewable Sustainable Energy. 8(033702);1063/1.4948625
- Azooz AA and Younis GG(2017), ***Empirical parameterization of solar still performance***, Desalination and Water Treatment. 58: 12-18.
- Ghada Younis Sabah Ali (2021), ***Selection of the Optimum Sites for the Wind Turbines Installation in Nineveh Governorate by using GIS***, Iraqi National Journal of Earth Sciences, Volume 21, Issue 1, Pages 1-16.
- BK Ahmed, GG Younis, Z Abdalwahid (2021), ***Estimation and Analysis of Solar Radiation on Horizontal and Inclined Surface for Baghdad City***, Iraqi Journal of Science