Mazin Ahmed Abed

PhD in solid state physics, Biophysics

Mosul, Iraq

Profile

More than 25 years as a knowledgeable and effective Physicist working with individual, group, and facilities, with extensive experience in solid state physics, biophysics, and biopolymer

Employment History

Lecturer , Physics Dept. , College of Sciences , University of Mosul , Iraq , 1996 – 2000
Biophysics Laboratory (ph.D) JNU University,Delhi , INDIA 2000-0005
Assistant Prof. (Solid state physics) , College of Sciences , University of Mosul , Iraq , 2012
Coordinator of Physics Department, College of Sciences , University of Mosul , Iraq , 2010 – 2014
Head of the Physics Department
May 2020– now

Education

Doctor of Philosophy, JNU University, New Delhi, India ,
2000-2005

Study of Micellization kinetics and Phase Transitions in Novel Surfactants

Master of Science (M.Sc.) in Nuclear Physics, University of Mosul, IRAQ
1999
Determination of Radon (Ra222) concentration in different Types of tea

Bachelor of Science (B.Sc.), University of Mosul, IRAQ
October 1989 – July 1992

Courses Taught

Advance solid state (ph,D)

Electromagnetic relativity(Msc)

Biopolymer

Concepts of Modern Physics.

Laboratories(Electrical , Mechanical , Optical).

Mathematics

Details
Mosul, Iraq
mazinahmedabed@uomosul.edu.iq

DATE / PLACE OF BIRTH
1969/12/20
IRAQ

DRIVING LICENSE
Iraqi License

Social Profiles
ResearchGate
https://www.researchgate.net/profile/Mazin_Abed4
Scopus
https://www.scopus.com/authid/detail.uri?authorId=7004244669

Skills
polymer fabrication
biophysics Process
UV spectrophotometer
Solid state physics
scanning electron microscope
Energy-dispersive X-ray spectroscopy
Supervisory & Teaching

Languages
Arabic
English

Hobbies
swimming
Soccer

Training courses

UNSCO REGIONAL COURSE ON SOFT CONDENSED MATTER ,SCHOOL OF PHYSICS SCIENCES , JAWAHARLAL NEHRU UNIVERSITY,NEW DELHI , INDIA
3-14 December 2001

Resent Publications

مازن احمد عبد. تأثير أشعة كاما والنيوترونات عمى الخواص البصرية لشبه الموصل العضوي n-Malachite green مجلة التربية والعلم –المجلد25- العدد 2 ،2012

Mahmood A. Hamood Mazin A. Abed. Oxidation Study of Cobalt- base Super Alloys at High Temperatures in Molten Salt of Na_2SO_4. Raf. J. Sci., Vol. 23, No.4 pp 126-136, 2012

Mazin Ahmed Abed, Anita Saxena, H.B. Bohidar. **Micellization of alpha-olefin sulfonate in aqueous solutions studied by turbidity, dynamic light scattering and viscosity measurements.** Colloids and Surfaces A: physicochem. Eng. Aspects 233 (2004) 181–187.

Mazin Ahmad Abed, H.B. Bohidar. **Surfactant induced softening in gelatin hydrogels**. European Polymer Journal 41 (2005) 2395–2405.

Mazin Ahmed Abed, H.B. Bohidar. **Gelatin–alpha olefin sulfonate interactions studied by dynamic light scattering.** International Journal of Biological Macromolecules 34 (2004) 49–54.

Mazin Ahmad Abed, H.B. Bohidar. **Effect of temperature on alpha olefin sulfonate induced softening of gelatin hydrogels.** International Journal of Biological Macromolecules 40 (2007) 248–253.