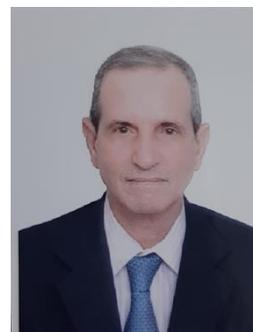


CV



Name: Prof. Dr. Adel Khalaf Hamoudi

Place and Date of Birth: Baghdad, 28/1/1956

Department of Optics Techniques, Al-Farabi University College

Education History

B.Sc. Physics (1978)/ University of Al-Mustansiriah, Baghdad, Iraq.

M.Sc. Physics (1987)/ University of Manchester, Manchester, England.

Ph.D. Physics (1990)/ University of Manchester, Manchester, England.

Carrier History

- 1) 1979-1985: I worked in Iraq as a secondary school teacher at Ministry of Education, Iraq.
- 2) 1991-1998: I worked at Iraqi Atomic Energy Organization.
- 3) July of 1996 – April of 1998: I worked as a Scientific Researcher of sector No.9 at Bogoliubov Laboratory of Theoretical Physics/ Joint Institute for Nuclear Research, Moscow, Russia.
- 4) Jan. of 1999: I joined the department of Physics at College of Science of University of Baghdad. Since then I participated to teaching under and postgraduate students. Moreover, I supervised on many studies concerning the M.Sc. and Ph.D. works in the field of theoretical nuclear structure (which includes studies in: (1) Chaos in complex atomic nuclei and (2) Nuclear structure of stable and unstable atomic nuclei (3) Nuclear structure of exotic and halo atomic nuclei).
- 5) On Jan. 28, 2022, I was referred for retirement to reach the legal retirement age.
- 6) On February 27, 2023, I joined the Department of Optics Techniques at Al-Farabi University College. Since then I contributed to teaching undergraduate students the following courses: X-Ray and Ultrasound (4th year Students) and Biostatistics (2nd year Students).

Courses which I teach for undergraduate studies in College of Science, University of Baghdad:

I taught the following courses: Electromagnetic theory (4th year Students), Nuclear physics (4th year Students), Mathematical Physics (3rd year Students), Group Theory (3rd year Students), Computer Science (3rd year Students), Electricity and Magnetism (1st year Students), and Mathematical Physics (1st year Students)

Courses which I teach for postgraduate studies in College of Science, University of Baghdad:

I taught the following courses: Mathematical Physics (M.Sc. students), Nuclear physics (M.Sc. Students), Nuclear Models (M.Sc. Students), Special topic (M.Sc Students) Mathematical Physics (Ph.D. Students), Nuclear shell theory (Ph.D. Students), Special topic (Ph.D. Students) and Nuclear Programing (Ph.D. Students).

Research Activity

My research activity involved theoretical studies of the Nuclear Structure for stable, unstable (exotic and halo) nuclei as well as studies concerning Quantum Chaos in Nuclei. I produced 62 papers published in local and international journals. I supervised on 31 of M.Sc. and Ph.D studies.