



Diyar Ali Rasool

PhD student in Medical Physics

Physics Department/ Salahaddin University–Erbil

Kurdistan Region Erbil



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Birth in Erbil – Iraq in 1986

Home address:

60 m Close to Dedaman Hotel

Erbil - Iraq

Academic Qualifications:

1. BSc (2006 – 2010) in Physics – Department of Physics, College of Education, University of Salahadin Erbil – Iraq.
2. Teaching Assistant (2010) in Physics - Department of Physics, College of Education, University of Salahaddin Erbil – Iraq.
3. MSc (2012 - 2013) in High Energy (Particle Physics) – Department of Physics / University of Liverpool – United Kingdom.
4. Teaching Staff (2014 - 2019) in Physics - Department of Physics, College of Education, University of Salahaddin Erbil – Iraq.
5. Ph.D. student in Medical Physics – Department of Physics, College of Education, University of Salahadin Erbil – Iraq.

Teaching and Advising

1. Advanced Electricity Lab, (Undergraduate) Department of Physics, Both College of Educations– Erbil and Shaqlawa, Salahadin University, Erbil – Iraq.
2. General Mathematics (Calculus), (Undergraduate) Department of Physics, Colleges of Education– Erbil and Shaqlawa, Salahadin University, Erbil – Iraq.
3. Nuclear Physics Lab, (Undergraduate) Department of Physics, College of Education, Salahadin University, Erbil – Iraq.
4. Atomic Physics Lab, (Undergraduate) Department of Physics, College of Education – Shaqlawa , Salahadin University, Erbil – Iraq.
5. Advising nearly 7 projects of BSc students.
6. General Physics, (Undergraduate), Civil Engineering Department, College of Engineering, Tishik International University.
7. Nuclear Physics Lab, (Undergraduate) Department of Physics, Tishik International University - Erbil – Iraq.

8. Programming (MATLAB), (Undergraduate) Department of Physics, College of Education – Hawler and Shaqlawa, Salahadin University, Erbil – Iraq.

9. General physics, (Undergraduate), Information Technology Department, College of science, Tishik International University.

Area of Interest

1. Biophysics (Medical Physics).
2. Medical Image and video processing.
3. Programming (MATLAB).
4. Atherosclerosis.
5. Carotid Artery.
6. Medical Imaging.
7. Ultrasound.
8. Magnetic Resonance Imaging.
9. Computed Tomography.
10. Nuclear Medicine.

Computer Skills

I have a very good skill in Microsoft office, more precisely Word, Excel, and PowerPoint.

I also have information about MATLAB, Java, and ROOT.

Language Skills

Kurdish – Native language.

English – Excellent in speaking, writing and reading.

Arabic – quite good in understanding, writing, reading and fair in speaking

Publications

(i) Papers:

- (1). Measuring B Meson Lifetime at the LHC Experiment with Java.
- (2). Studying of De-Wetting of a PS/PMMA polymer Bilayer.

(ii) Talks:

(1). Diyar A. Rasool, Measuring B Meson Lifetime at the LHC Experiment with Java, ICEEAS, 3rd international conference on Energy, Environmental and applied science, 10th April 2016, University of Ishik. Erbil