

# Academic Curriculum Vitae



## Personal Information:

Full Name: Diyar Ali Rasool  
Academic Title: Lecturer  
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## Education:

- BSc (2006 – 2010) in Physics – Department of Physics, College of Education, University of Salahaddin Erbil – Iraq.
- MSc (2012 - 2013) in High Energy (Particle Physics) – Department of Physics / University of Liverpool – United Kingdom.

## Employment:

- Teaching Assistant (2010) - Department of Physics, College of Education, University of Salahaddin Erbil – Iraq.
- Teaching Staff (2014 - 2019) - Department of Physics, College of Education, University of Salahaddin Erbil.

## Qualifications

- Ph.D. (Medical Physics), 2023.
- MSc (Particle physics), 2013.
- BSc (Physics), 2010.
- Programming (MATLAB, Python), Statistics (GraphPad, Origin)

## Teaching experience:

1. Advanced Electricity Lab (Undergraduate).
2. Calculus (Undergraduate).
3. Nuclear Physics Lab (Undergraduate).
4. Atomic Physics Lab (Undergraduate).
5. Advising nearly 15 projects of BSc students.
6. General Physics.
7. Programming (MATLAB) (Undergraduate).

## Research and publications

- Rasool, D.A., Ismail, H.J. & Yaba, S.P. Fully automatic carotid arterial stiffness assessment from ultrasound videos based on machine learning. Phys Eng Sci Med 46, 151–164 (2023).

## Conferences and courses attended

- N/A

## Funding and academic awards

- N/A

## Professional memberships

- Kurdistan Teacher Syndicate.
- Kurdistan Physicist Syndicate.
- Iraqi Medical Physics Society (IMPS).
- International Organization for Medical Physics (IOMP).

## Professional Social Network Accounts:

- <https://www.researchgate.net/profile/Diyar-Rasool/research>
- <https://scholar.google.com/citations?user=DQSY9LkAAAAJ&hl=en>
- <https://www.linkedin.com/in/diyar-rasool-71a01a123/>
- <https://orcid.org/0000-0001-9763-3426>