

Curriculum vitae

NAWROZ ISMAEL HASSAN

- Erbil Technical Health and Medical Collage/ Polytechnic University, Rasty. St. Erbil,Iraq
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EDUCATION:

University of Salahaddin Nov. 2020

Ph.D candidate of Physics

University of Salahaddine /Collage of Science 26 Dec. 2007

M.Sc of Physics

University of Salahaddin /Collage of Science 28 Jun. 2005

B.Sc of Physics

Academic Titles:

- Lecturer 3rd Dec. 2014
- Assistant. Lecturer 28th May 2008

TEACHING/SUPERVISING EXPERIENCE:

Lecturer, Erbil Polytechnic University

- Teaching Optics 4th year student, Information system Engineering Tech. Department, Engineering Technical Collage
- Teaching Radiation Protection 2nd year student, Dept. of Radiology, Medical Technical Institute
- Teaching Optical Physics 1st year student, Optometry Department, Medical Technical Institute

- Teaching Medical Physics 1st year students, Physiotherapy Department, Erbil Technical Health and Medical Collage.
- Physical Therapy Intervention I and II, 2nd stage, Physiotherapy Department, Erbil Technical Health and Medical Collage.
- Physics of Human Body, 1st stage, Physiotherapy Department, Erbil Technical Health and Medical Collage.

RESEARCHS AND PUBLICATIONS:

- 1- Nawroz I. Hassan, Sevan H. Ali, Basim E. Gasgous ,” Preparation Of Colloidal Tin Sulfide Nanoparticles By Pulse Laser Ablation In Liquid (PLAL)” , Polytechnic Journal: Vol. 8 No.3 (Aug 2018): Pp: 1- 12
- 2- Nawroz I. Hassan, Sevan H. Ali, “ A Fabrication of CdO NPs/PS Heterojunction by laser ablation in ethanol” Polytechnic Journal: Vol.8 No. 2 (May 2018): Pp:299-308
- 3- Nawroz Ismael Hassan, Fouad Hussien Kamal, Chiman Hameed Saeed, "Comparative effect of different visible light energy on bacterial growth", International Journal of Advanced Research, 2016, Volume 4, Issue 2, 263-270
- 4- Nawroz Ismael Hassan "Effect of Thickness on the Structural and Optical Properties of ZnO Thin Film”, Journal of Collage of Education, Al-Mustansiriyah, 2013, Vol. 1, 319-332
- 5- Nawroz I. Hassan, Basim E. Gasgous, , Cheman B. Ismael, Hayfa G. Rashed “Structural and Optical Constants of Fe-doped SnO₂ Thin Film” Journal of Collage of Education, Al-Mustansiriyah, 2013, Vol. 1, 463-474
- 6-Nawroz I. Hassan, Basim E. Gasgouse, Mahira M. Ismail, “ Effect of Laser Irradiation on the Optical Properties of CdO thin films”, Italian Journal, GIORGIO RONCHI, 2013, N. 5, 689
- 7-Hassan, N.I., Hassan, Y.M., Mustafa, T.A. et al. Modeling optical fluence and diffuse reflectance distribution in normal and cancerous breast tissues exposed to planar and Gaussian NIR beam shapes using Monte Carlo simulation. Lasers Med Sci 38, 96 (2023). <https://doi.org/10.1007/s10103-023-03758-6>.
- 8-hamad, hero, Abdullah, V. ., Kamel, F., & Hassan, N. (2023). Comparative Study of He – Ne and Green Lasers Effect on Normal Human Blood Invitro Using FTIR Techniques. Polytechnic Journal, 12(1), 89-97. <https://doi.org/10.25156/ptj.v12n1y2022.pp89-97>

PROFESSIONAL ASSOCIATIONS:

- Kurdistan Physicists’ Syndicate, 2008-present
- Iraqi Medical Physics Society

Other qualifications:

Languages: All well written and spoken

- English
- Arabic
- Kurdish (Mother Language)

