***CV***

**Nabhan Abdul-Kareem Hamdoon Abdullah**

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***Personal Information:***

***Full Name:*** *Nabhan Abdul-Kareem Hamdoon*

***Gender:*** *Male*

***Tel. (mobile):*** *00964(770)1825114*

***Nationality:*** *Iraqi*

***Date of Birth:*** *29.11.1959*

***Place of Birth:*** *Iraq / Mosul*

***Passport No.:*** *G2667411*

***Marital Status:*** *Married*

***Home Address:*** *Iraq / Mosul /Al – Sedeq Street /# (119/123/345)*

***Office Address:*** *Iraq / Mosul/Al-Mosul University/College of Education for Pure Science/Dept. of Physics.*

***E-mail****: nabhanabdul@gmail.com*

***Current Post:*** *Iraq* ***/*** *Erbil /Kolan 1 Street /# (159/406)*

***Academic Title:*** *Asst. Prof.*

***Education/Qualification:***

*PhD Degree in Plasma Physics, College of Science, Mosul Univ., 2006.*

*MSc in Nuclear Reactors Technology, College of Science, Baghdad Univ., 1987.*

*Bachelor of Physics, College of Science, Mosul Univ., 1983.*

***Academic Thesis Titles:***

*Hamdoon, Nabhan A., (2006),"Study of Electron Energy Distribution Function anode fall region for plasma electrical discharge of Air by using single probe depending on measuring distortion factor. Unpublished PhD Dissertation Submitted to the Council of College of Science. University of Mosul.*

*Hamdoon, Nabhan A., (1987)," Neutronic calculation for power reactor(PWR) by using international codes. Unpublished M.Sc Dissertation Submitted to the Council of College of Science. University of Baghdad.*

***Experience:***

*Iraqi Atomic Energy Commission*. *1987-1999*

*Al – Hadbaa University College* (*private). 2001-2008*

*Al-Mosul Univ.-College of Education for Pure Science-Dept. of Physics. 2008-to present.*

***Specialty:***

*Plasma Physics*

***Languages:***

*Arabic.*

*English.*

***Computers Skills:***

*Microsoft Offices (2010).*

*Fuzzy Logic Technique.*

*Web design(programming by (HTML,JAVASCRIPT).*

*Matlab.*

***Published papers and researches(The important):***

*Nabhan A. Hamdon & Alaa Y. Yakub "The effect of the concentrations and sizes of dust particles on the parameters of the electronic transition in the plasma Alarcon for Radio Frequencies", Kirkuk University Journal /Scientific Studies (KUJSS), ISSN ,1992 – 0849, Volume 10, Issue 2, pp(266-281),June 2015.*

*A. I. Ahmed & N. A. Hamdon "A comparative study of electron transport coefficients in the pristine and dusty argon plasma", Indian Journal of Physics, ISSN 0973-1458, Volume 88, Issue 12, pp 1299-1303, December 2014.*

*Nabhan A. H., "Numerical Study for Pure Nitrogen Gas Discharge, Tikrit Journal of Pure Science ,vol. 16,no. 2,2011.*

*Nabhan A. H., "Fuzzy Logic Approach for the classification of plasma d.c glow discharge regions"(submitted: Conference on Physics, Univ. of Mosul, College of Science, Dept. of Physics, April, 2010).*

*Nabhan A. H., "Measurement of mean temperature of electrons ,electronic density and plasma potential in anode fall region in plasma glow discharge of air", To be published in J. of Dirasat, Univ. of Jordan,2009.*

*Salah A. S., Nabhan A. H. and Hazim M. I., "Determination of hydrodynamic*

*parameters of shock wave in plasma focusing process", J. of Education and*

*science, vol. 22,no. 3,2009.*

*Nabhan A. H., "Using Fuzzy Approach Mechanism in the Evaluation of Electron Energy Distribution Function", AL-Rafiden Journal for computer sciences and mathematics, vol. 6,no. 3,2009.*

***Meetings:***

*MATLAB, Computerized knowledgeable environment, Administration and Economy college,(2008).*

*Electronic government (Requirements, success factors, hinders) ,Al– Hadbaa University College,(2008).*

*Effect of industrial safety on efficiently productive, Administration and Economy college,(2008).*

*Internet and poisons, Al – Hadbaa University College* (*private),(2008).*

*MATLAB, Computerized knowledgeable environment, Administration and Economy college,(2008).*

*Nuclear sources safety for scientific researches, (Undergraduate) and General safety for lab,(2012).*

***Published articles(The important):***

*Uranium Enrichment methods, Arab Atomic Energy Agency, Al- Thara wal Tanmya magazine, vol. 19,no. 1,2007.*

*Uranium, Arab Atomic Energy Agency, Al- Thara wal Tanmya magazine, vol.*

*19, no. 2, 2007.*

*Nuclear reactors types, Arab Atomic Energy Agency , Al- Thara wal Tanmya*

*magazine, vol. 19,no. 3,2007.*

***Membership and activities in professional associations:***

*Member of scientific club /Ninavah Branch.*

*Member of Physics Society- Ninavah Branch.*

*Member of Committee which designed the web of AL-Hadbaa University College* (*private),2008.*

*Advisor several graduating projects in plasma physics, Calculus, HTML and*

*JAVASCRIPT Programming(2001-2008).*

*Member of Dept. of Computer Science (2001-2008).*

*Supervisor upon several graduating researches in plasma physics, Calculus,*

*HTML and JAVASCRIPT Programming.*

*Supervisor upon four Master students (2012-2015).*

*Member of dept. of Physics. (2011-2014).*

*Organizer and participant in scientific conferences and seminars of different*

*subjects in physics.*

***Professional honors, awards and fellowships:***

*Scientific awards "Jabir Ibn Hayan" for Iraqi Atomic Energy Commission, Class C.*

*Large number of Financial awards through my career.*

***Field of interest of proposed research for the fellowships:***

*Preparation of Thin Films via plasma.*

*Dusty plasma diagnostic techniques.*

*Coating or Etching process via plasma.*

***Courses taught and other services provided to students and the home***

***institution***

*I am already teaching Plasma Physics for 3rd- year and Mathematics for 2nd-year in addition to supervising MSc-researches and 4th-year students' researches.*