**Curriculum Vitae**

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1. **The date of my first appointment was in 1996 at the Technical Institute.**
2. **In 2004 I was appointed by the physics Department College of Education for Pure Science / Ibn AL-Haitham / University of Baghdad.**

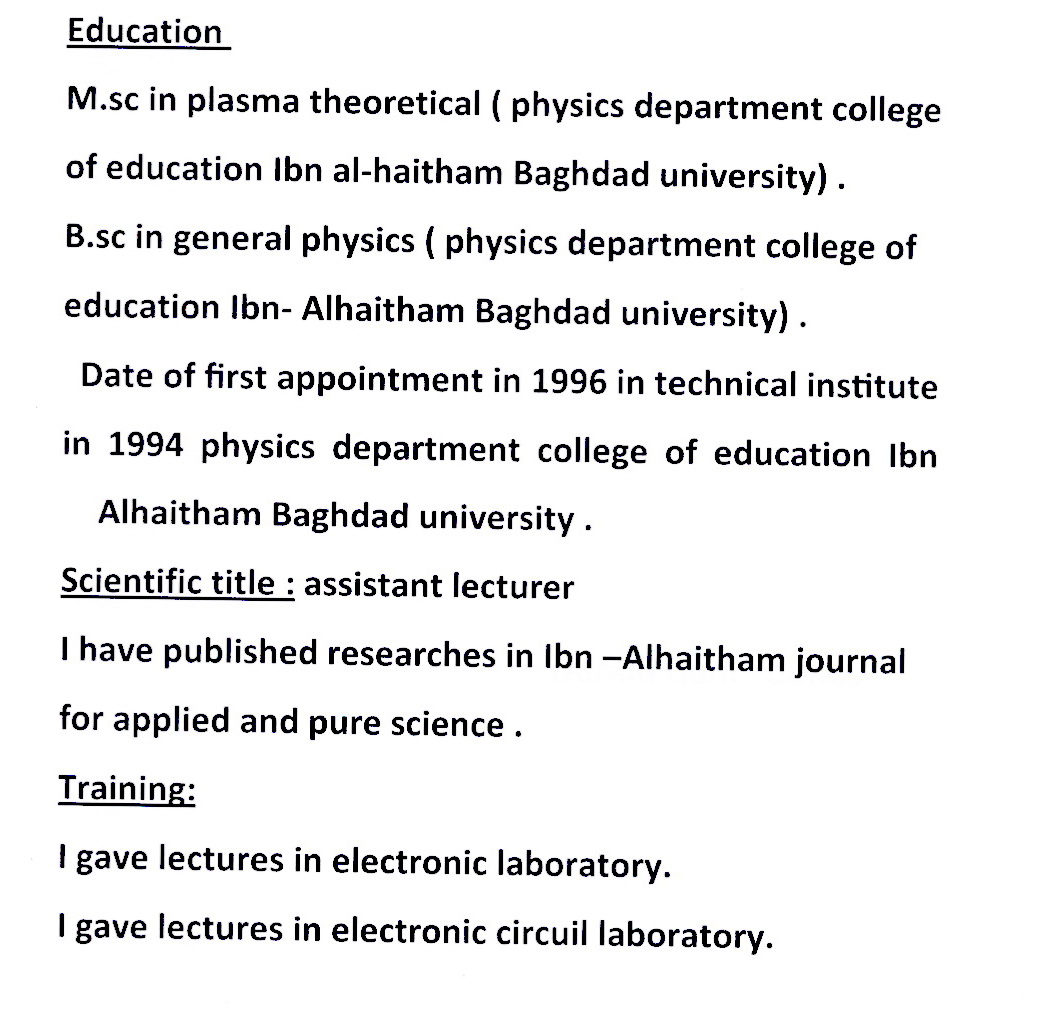
**Publications:-**

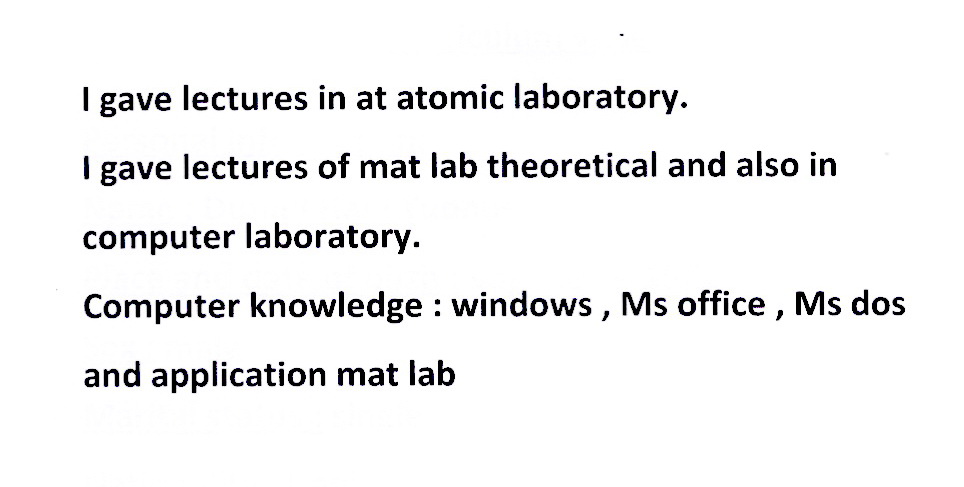
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**University of Baghdad**

**Study of the Dynamical Behavior for Deuterons in Dense Plasma Focus**

**Thesis Submitted to Collage of Education Ibn AL - Haitham, University of Baghdad In Part Fulfillment of the Requirement for Degree Master of Physics**

**By**

**Duraid Hani younus**

**Supervisor**

**Dr . Abd – Al – Rahman Mahmoud Dr . Raad Hameed Majeed**

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**1430 2008**

**Abstract**

**The motion of fast deuterons in most dense plasma focus devices ( DPF ) , may be characterized such that it have a complex nature in their paths and this phenomena can be by described by a gyrating motion with arbitrary changes in magnitude and direction .**

**In this research we focus on the understanding the theoretical concepts which deeply depend on the experimentally results to explain the deuteron motions in the pinch region. Then we use the fundamentals physical formulas that related to the explanation of this motion to prepare a suitable model to calculate the vertical and radial components for deuteron velocity by employing Rung – Kutta Method.**



**Duraid Hani younus**