## **ABSTRACT**

This study is designed to assess the effectiveness of the Nuclear Non Proliferation Regime and to analyze the risk of prolifering nuclear armaments, by Nuclear Weapon States, Non-Nuclear Weapon States, and Non-State Actors. It also examines how the International Law involves in achieving the goal of nuclear disarmament in the face of the threat of acquiring nuclear power by Non-State Actors.

The initial phase of my research is designed to assess the existing literature and primary theoretical approaches for analyzing nuclear non-Proliferation initiatives and potential nuclear proliferators. My main means of analysis will be to examine the current international legal framework for nuclear arms control discussing the credibility, effectiveness, threats and challenges and also the future directions of such initiatives and the behavior of Nuclear Weapon States and Non Nuclear Weapon States; involved in nuclear arms race. This study will review multiple treaties related to the nuclear non proliferation issues from the beginning of the Cold War period up to the present day world.

The study also discusses the gravity of the problem of nuclear terrorism and the possibility of the acquisition of nuclear power by Non State Actors. Further, it examines how the continued development of sophisticated nuclear weapons violate International Law and what are the measures can be taken in order to reduce the tension and imbalance between the Nuclear Weapon States and Non-Nuclear Weapon States. Especially it reviews in my research, the key role of the United Nations in various dimensions of nuclear disarmament, establishing global norms that are universally regarded as legitimate both procedurally and substantively.

Finally, it also identifies the gaps of International Law in regulating nuclear proliferation and ultimately provides suggestions and recommendations in updating laws for better address to the present day environment.