At the beginning of the century someone can notice the activity which goes back to more than 125 years ago and that is the wide spread of constructing high rise building with more highs and diversity, the high rise building are being built now more than any other time for economical and social reasons and more come as a solution to the increase of population, this leap in construction comes with the world recognize the need to limit the greenhouses cases being produced by human activity the statistics show that the high rise buildings in the Urban areas are the first consumers of energy which affect the climate which can be said it is first challenge for modern world, and with the advance of technology new ways appeared to decrease the effect of these building over the climate by following new methods that allow the presenting of solution for the problem of energy waste and the inability of our buildings to make use of the environments output.

The fact emphasis the importance and targeting the use of renewable energy in high rise buildings as key factor in decreasing energy consumption, The general research problem appeared in the inadequacy in the covering and activating the role of modern technology for the elements of high rise building system and its ability of sustainability individually according to its location and the private problem is the no integration of local environment reality of high rise Iraqi buildings locations with securing design requirement and bases according to suitable environmental concept. The aim of the study is to show the role of modern technology and its role in improving the construction system and the outer cover system for high building and increasing of its functional ability and capabilities to the environmental circumtances and to build knowledge base for sustainable technological strategy to secure renewable energy in high buildings and the role of local environment location in consolidating the dependence on passive energy. The research assumption the advanced technology in the area for
of sustainability and the strategy of environmental solution that is suitable for the environment of location in high rise building to achieve the highest functional conduct to decrease the negative side and lowering the working hand by integration with limitation of environmental surrounding.

The research is divided into five chapters, Chapter one is to study development of construction system for high buildings by studying the effect of the loads and the classification of this system and to view the latest development in the system and ensure of sustainability in the compound of the system, Chapter two is to study the concept of building cover system and the classification of the system and its developing history and to show the effect of advance technology in the intelligence technologies and how to use it to be suitable for hot climate and to compare it with environmental aim. Chapter three to demonstrate the technological strategy for the sustainability of high rise building by compatibility without put local environment and the emphasis on the Iraqi situation in practicing of environment for reactive energy in those building, Chapter four contains the summery of theoretical frame and its application on chosen enterprises, Chapter five to reach the conclusions to the research on theoretical and practical level and reach final recommendations for the research.