



ABSTRACT

This Thesis discusses the key fabrications of the Remote Controlled Mobile Surveillance Robot also known as CRAWLER, providing an analysis on the background of importance of the robot, designing concepts, methodology and format of building robot. The thesis further discusses how the robot was developed, tested and evaluated for error free functioning of the robot. All techniques and methodologies used and learned during the process are discussed in detail throughout the thesis. A thorough research was carried out prior to fabrication and designing processes to survey the basic functions implemented on average Mobile surveillance robots, through the information gained during the research a better model was designed in every possible way while making the robot very affordable and user friendly. Thesis further discusses latest technological components used for this purpose and how they have been implemented to be used for security purposes.