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Project Report on

BATTLEBOT: THE DEFENCE SAFETY SYSTEM

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CHAPTER 1

1.1 Evolution of Robotics

Each century in human history has seen a revolution. The 20th century was the age of industrial and scientific revolution, which paved the path for the development of the species towards uncharted territories. The biggest gifts of the century being the computer and automobile, mankind has achieved more than he ever thought he would. Led by dreams and the vision of great men, the future seems to be full of surprises. In this future, the most important role will perhaps be played by this new species created and named by mankind as “ROBOTS”.

The word ‘Robot’ comes from the Czech word robot, which means slave or worker. It was first coined by Czech playwright Karel Capek in his play RUR or Rossum’s Universal Robots. The word brings into everyone’s mind a kaleidoscope of disparate images; the fascination with robots has captured the minds of movie makers and movie goers alike, classics such as Wizard of Oz, Star wars, and the ever so popular Terminator series gave a glimpse of how much human imagination and robotics has advanced hand in hand over the ages.

The need for automation increases with every passing day, and robots are the answer. We are striving to make our mechanical counterparts more and more intelligent and capable, to meet all spheres and dimensions of life. fig 1.1 ‘a’ and ‘b’ are examples of military robots.