

**Project Proposal Reference No: 33SO412**



1. Title of project : BOMB DETECTING VEHICLE
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**Guide**

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## **INTRODUCTION**

For Bomb detecting system, the existing system have many disadvantages such as it is manually handled, complicated systems less coverage areas due to manually handling, more trained personnel for detection of bombs, no speedy operations, more expensive.

In proposed system, as a National security issue-we are going to make a Movable Bomb detection system mounted on vehicle to cover more bomb detecting areas and save more human life.

## **SYSTEM DESIGN**

In our system, we are considering National security as in building this system. The details are as follows

Existing system:

In the present day, there are many terrorist attacks in India and all over the World and terrorist are planting the bombs, explosives in cars, motor bikes ,shops etc. But the bomb detecting team cannot reach each and every area of Suspect immediately with existing manually handled system.

### **Disadvantages of Existing system:**

- Complicated equipments to be handled with care.
- Manually checking method
- Delay in arrival of bomb detecting team
- Less coverage areas
- More safety measures

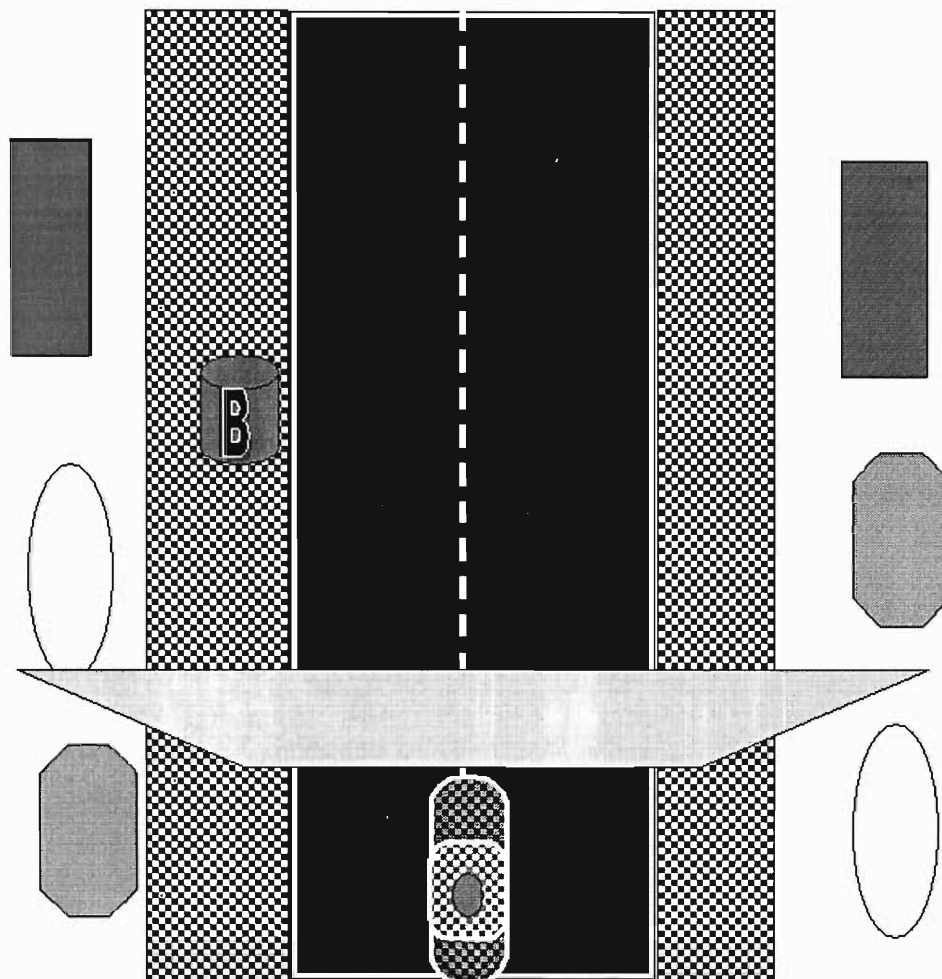
### **OUR SYSTEM:**

In today world, we made an advancement to manual method of Bomb detection system by installing the advanced sensors to detect the bomb ,explosive etc on vehicle which moves in all areas of city.

If bomb is detected, the bomb detecting team present in the vehicle will immediately try to defuse the bomb without delay and mean time Bomb detected information is immediately send to Police, Fire fighters and Ambulance teams. The Police will manage the public. Even though if bomb explodes during

## **ANALYSIS OF THE PROPOSED SYSTEM:**

### **Project model**



### **Advantages of our system:**

- Implementation is easy and less complicated system
- Area of coverage is more than existing system
- It is time saving method
- Saving more human life
- Low cost
- Less team members in bomb detection team