CMR COLLEGE OF ENGINEERING & TECHNOLOGY

ENTERTAINMENT BASED TOY[Elephant]

ABSTRACT:

The remote control basically consists of two types, one is the wired and another one is the wireless. The wired component consists of remote control which can easily control the movements and the wireless component consists of receiving and detecting sensors and performing actions accordingly. My project is specially for the small children, so that they can play. This smart toy can perform walking movement. The goal of this project is to design a toy elephant for entertainment.

DESCRIPTION:

The Entertainment based toy is elephant specially designed for kids. As we all know that kids love to play with toys which entertains them. Here we are making elephant toy which performs walking. We are using ultrasonic sensor to detect obstacle. Our toy can work on Bluetooth or manually. We will do this with the help of Arduino UNO. Arduino is an open-source electronics platform based on easy-to-use hardware and software. It's intended for anyone making interactive projects. Arduino senses the environment by receiving inputs from many sensors, and affects its surroundings by controlling lights, motors, and other actuators. The Arduino Sonar System can also be used with Military Radar etc.

CONCLUSION:

Significance refers to the importance of the system, this project is important and also useful to the small kids and parents for entertaining the child as a toy manufacturing industry in the town is interested in designing of toys for entertaining the kids. The limitation is that the small kids sometimes in anger or while playing even throw their toys. Because of this the system might break down.

FACULTY:

B. Suresh Ram (Associate Professor)
B. Venkateshwar Rao (Assistant Professor)
M. Raman Kumar (Assistant Professor)

TEAM-01:

Karingula Venudhar	21H51A1203
Kashish Singhal	21H51A1247
Katarapu Babitha	21H51A1204
Boda Hrushikesh Reddy	21H51A1201
Jaishetti Sri Varshith	21H51A1202