

# **PROJECT TOPIC:-Smart Blind Assistant**

## **Abstract:**

The world consists of diversified people, among which 253 million approximately counts to be visual impaired, in which 36 million are blind. The daily activities turn out to be easier for the normal people but proves to be a difficult task for the blind. The main aim of the project is to overcome this problem through an idea of an electronic device - " Smart Blind Assistant ".The project deals with the use of a set of ultrasonic sensors & vibrators. The ultrasonic sensors sense the distance of the obstacle & gives the output to the vibrator that establishes the idea of the project .This device acts as an assistant by which the blind person will be aware of the coming obstacles.

Proposed work to be carried out in the project:

- Detection of the obstacles which are near to the blind person.
- Sense the distance of the obstacle.
- Pass the output to the vibrator.
- Vibration of the vibrator detecting the obstacle.

